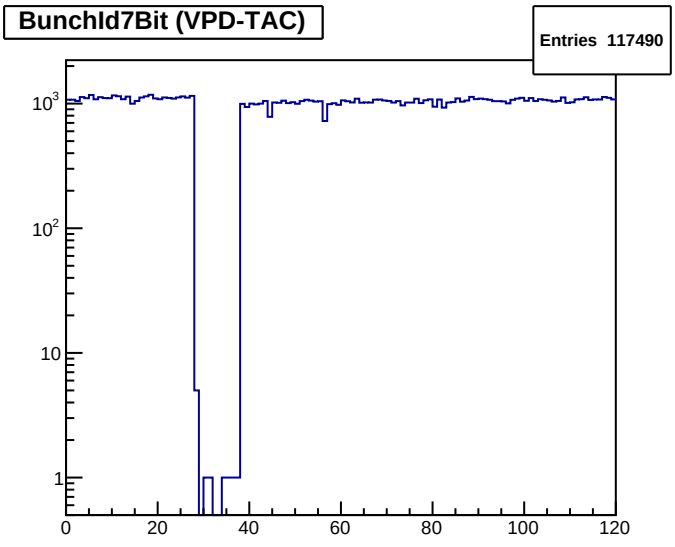
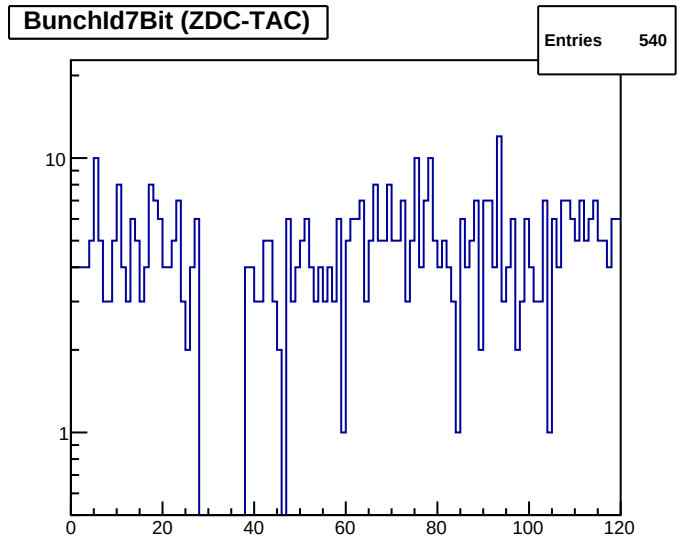
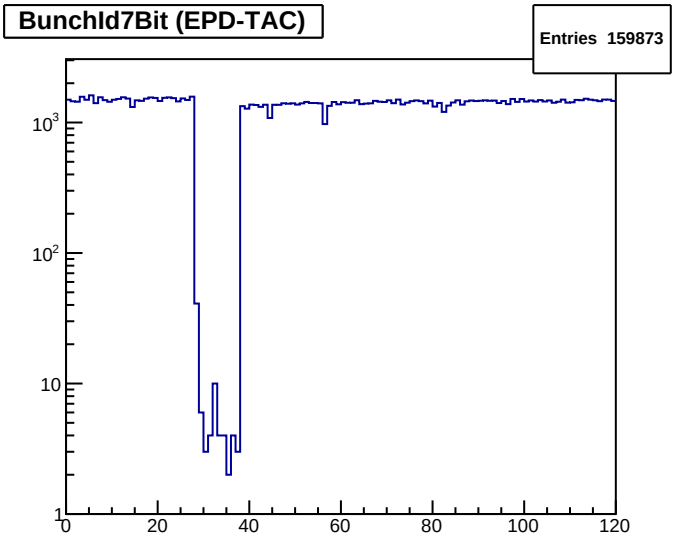
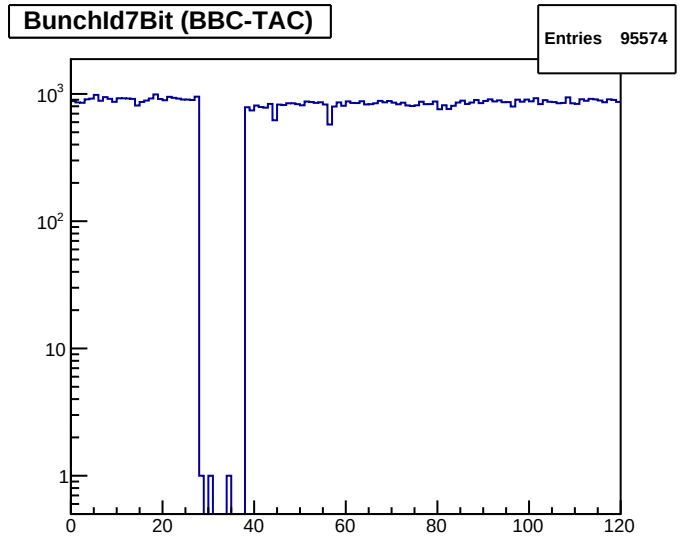
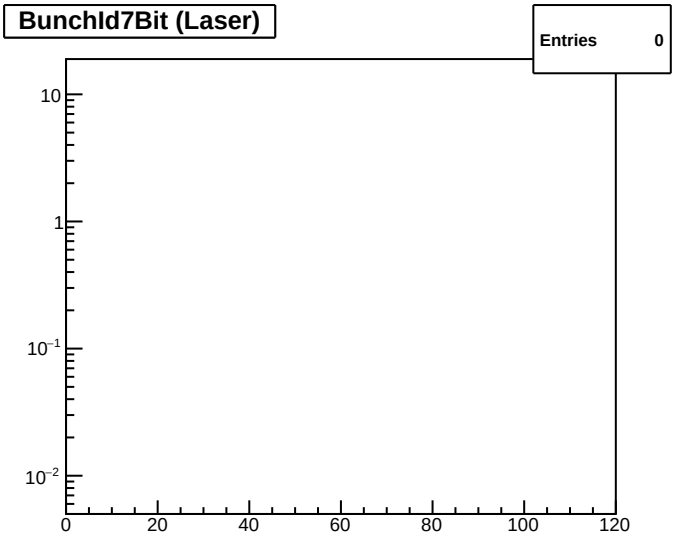
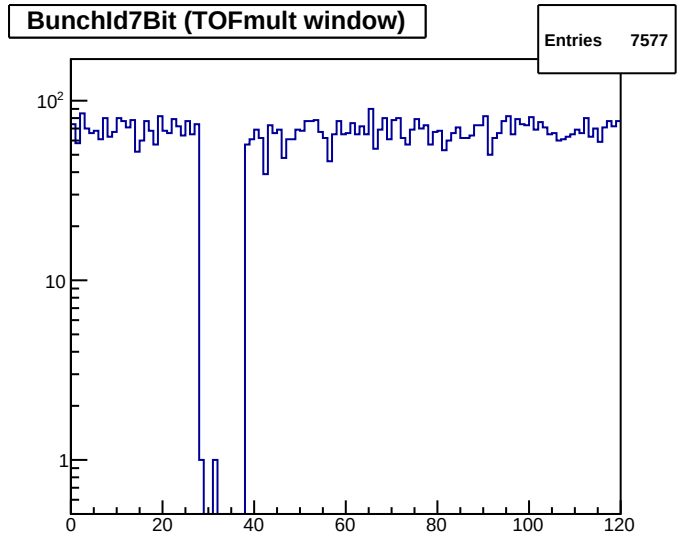

BunchId7Bit (VPD-TAC)
Entries 117490

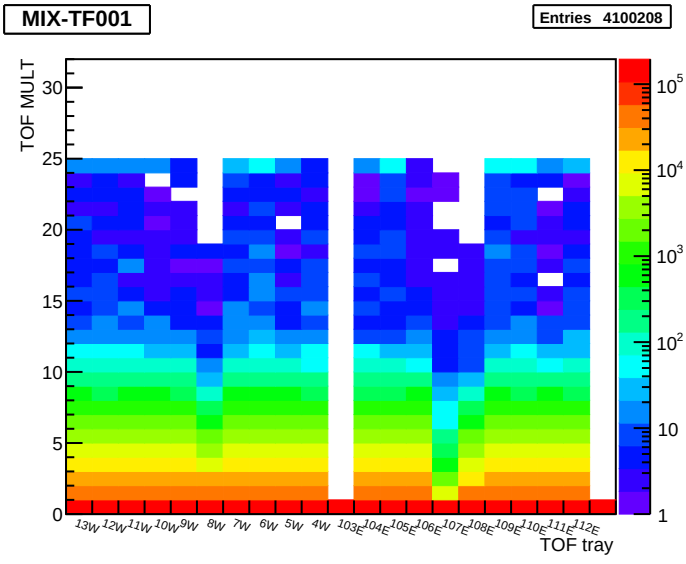

BunchId7Bit (ZDC-TAC)
Entries 540

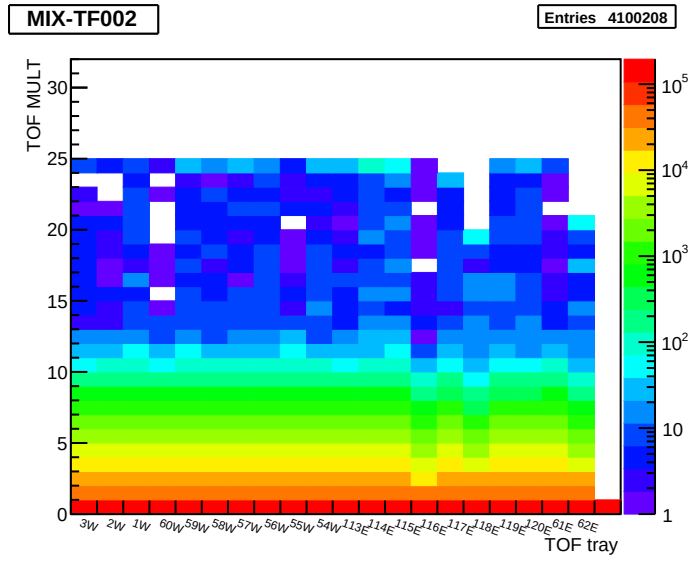

BunchId7Bit (EPD-TAC)
Entries 159873

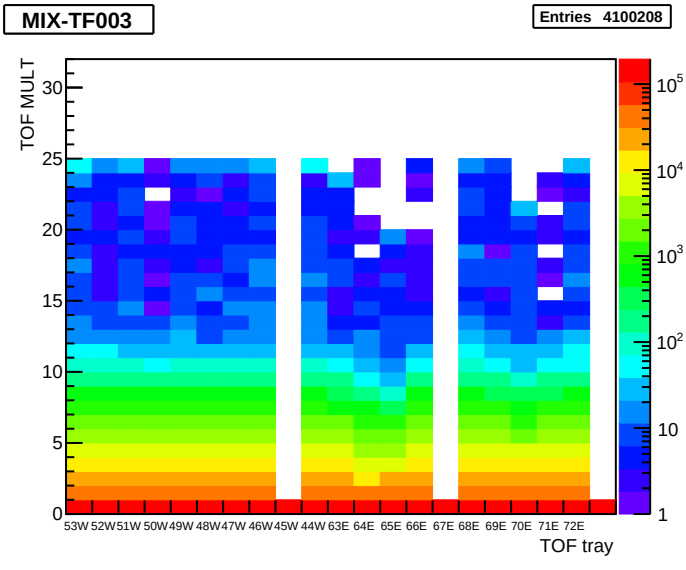

BunchId7Bit (BBC-TAC)
Entries 95574

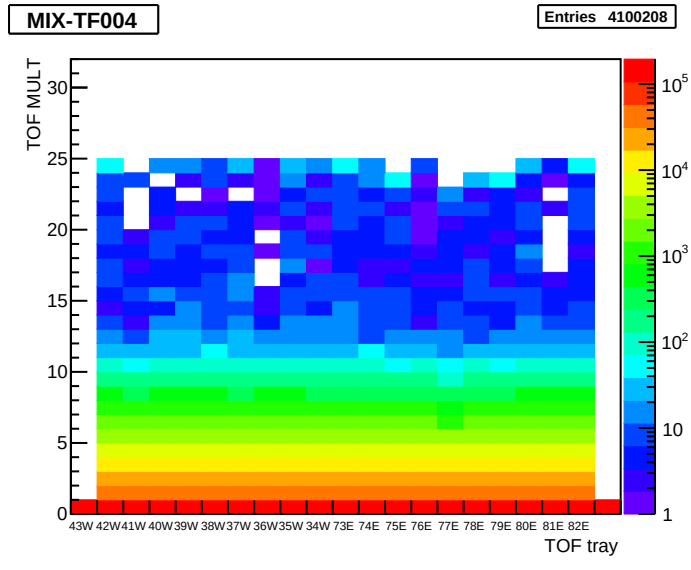

BunchId7Bit (Laser)
Entries 0

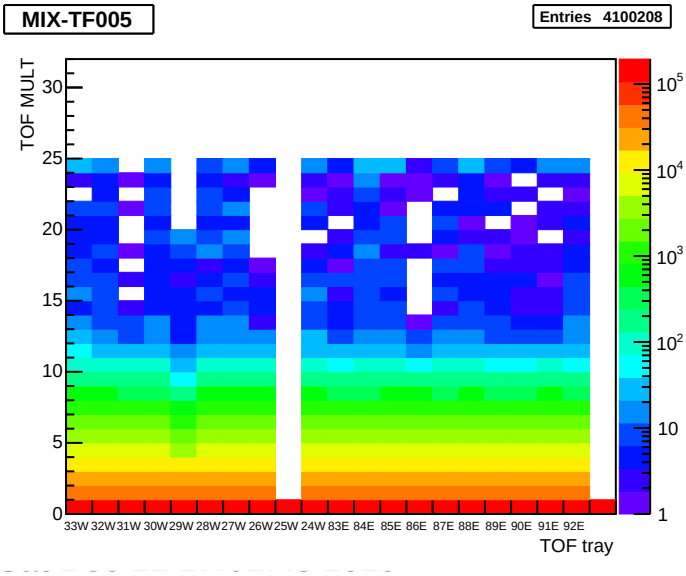

BunchId7Bit (TOFmult window)
Entries 7577

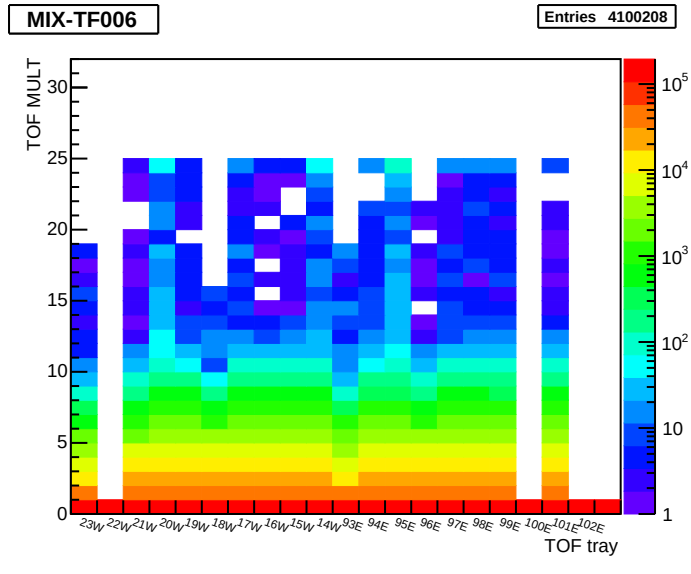

MIX-TF001
Entries 4100208
TOF MULT
TOF tray

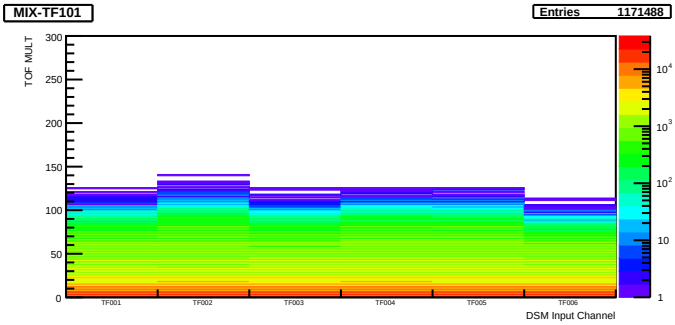

MIX-TF002
Entries 4100208
TOF MULT
TOF tray

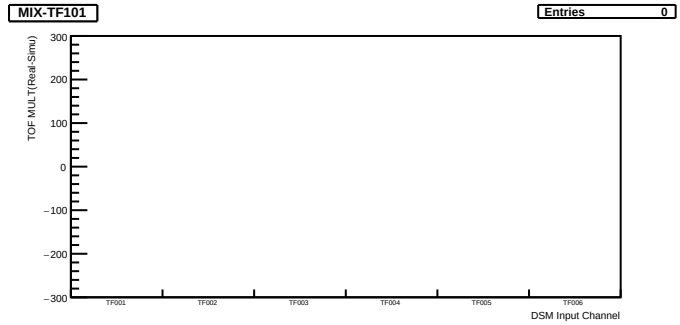

MIX-TF003
Entries 4100208
TOF MULT
TOF tray

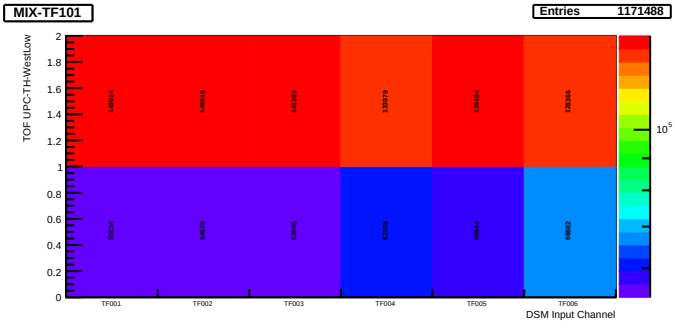

MIX-TF004
Entries 4100208
TOF MULT
TOF tray

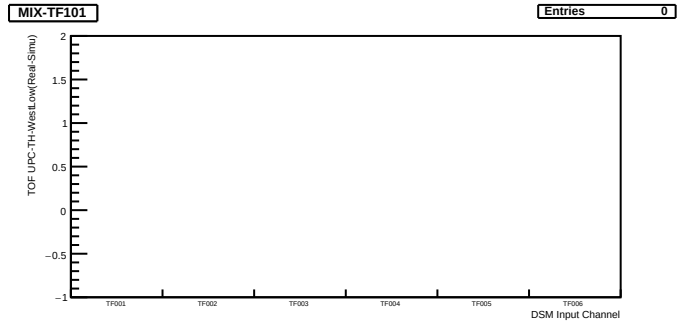

MIX-TF005
Entries 4100208
TOF MULT
TOF tray

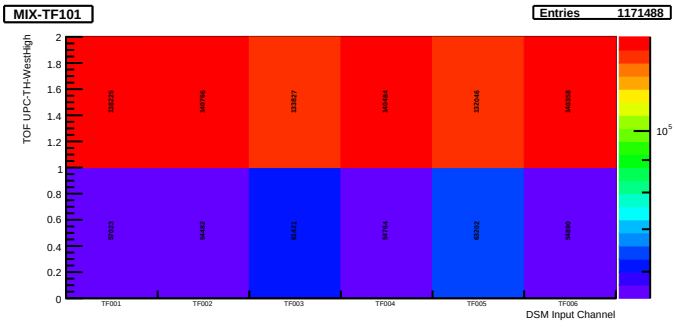

MIX-TF006
Entries 4100208
TOF MULT
TOF tray

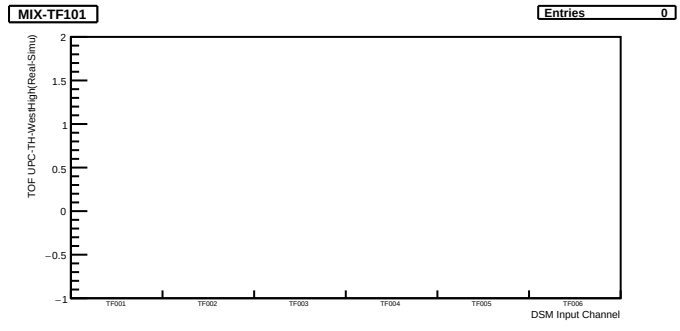

MIX-TF101
Entries 1171488
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

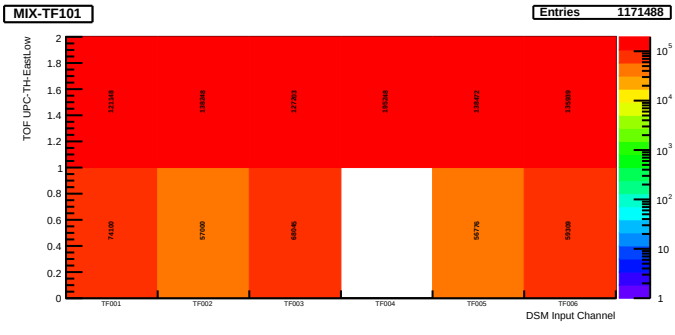

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

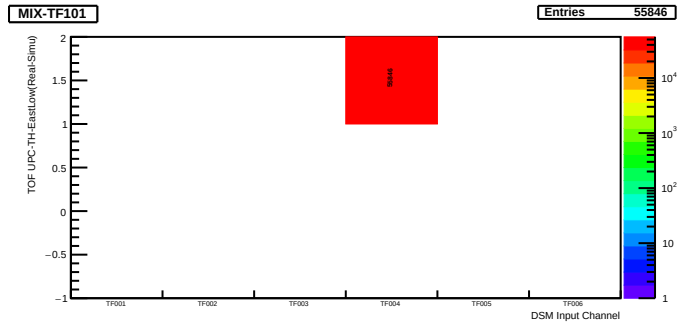

MIX-TF101
Entries 1171488
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

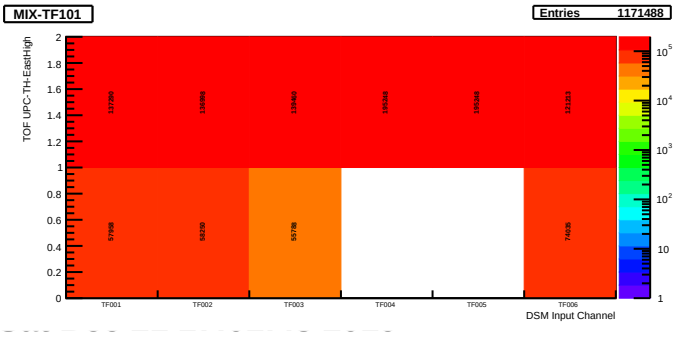

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

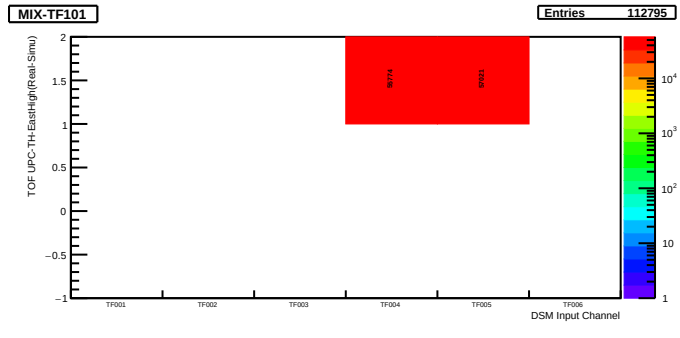

MIX-TF101
Entries 1171488
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

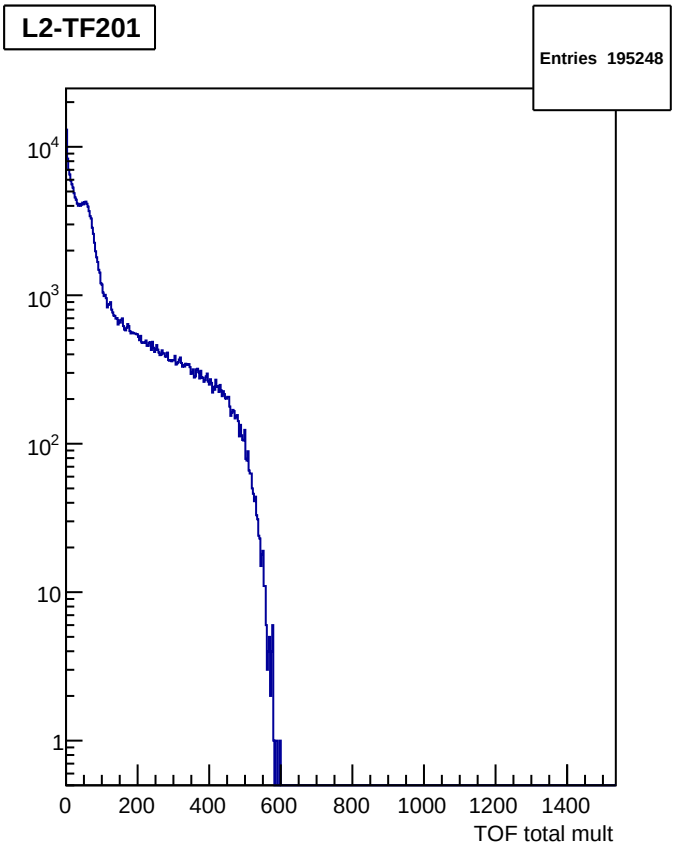

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

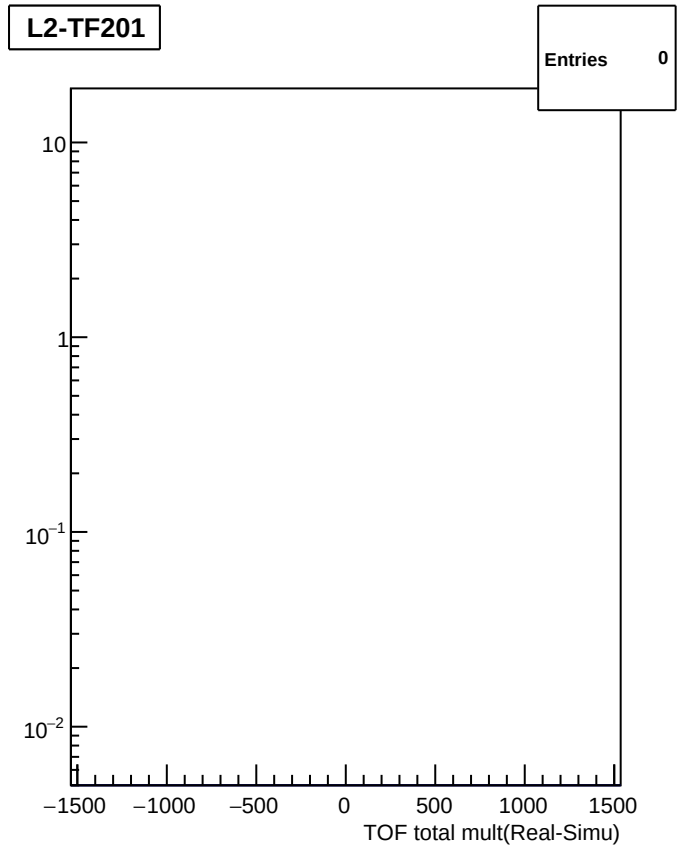

MIX-TF101
Entries 1171488
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

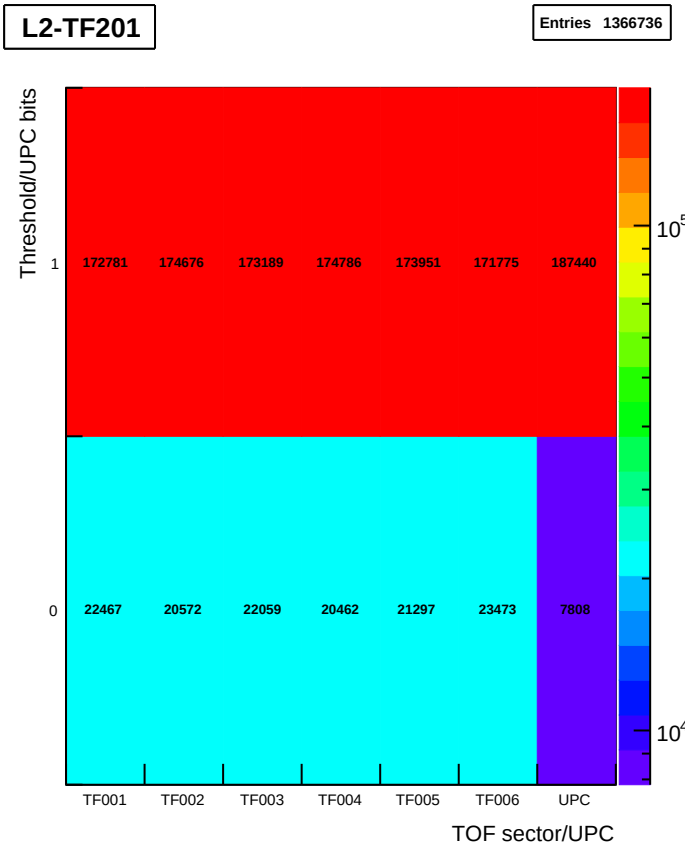

MIX-TF101
Entries 55846
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

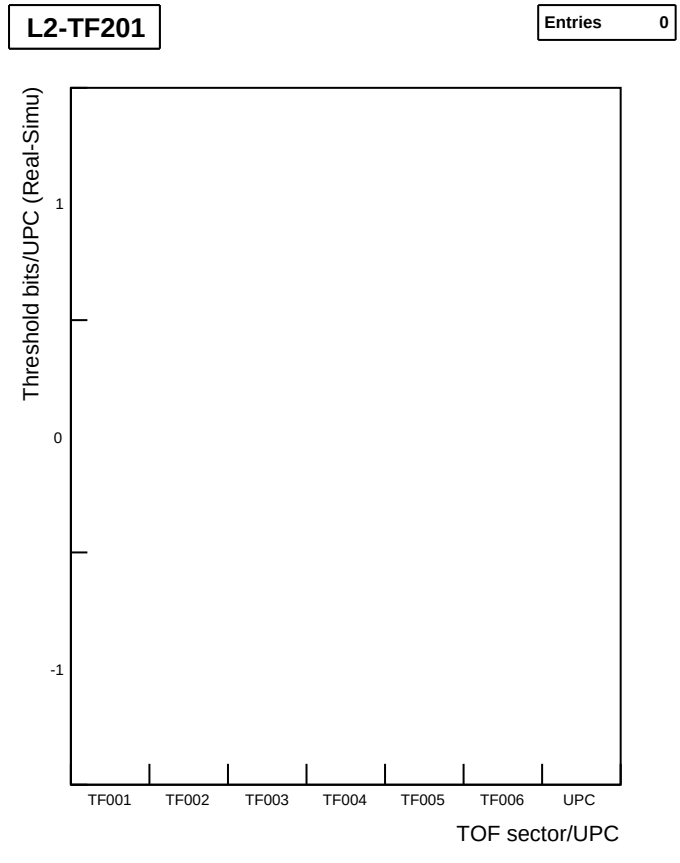

MIX-TF101
Entries 1171488
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

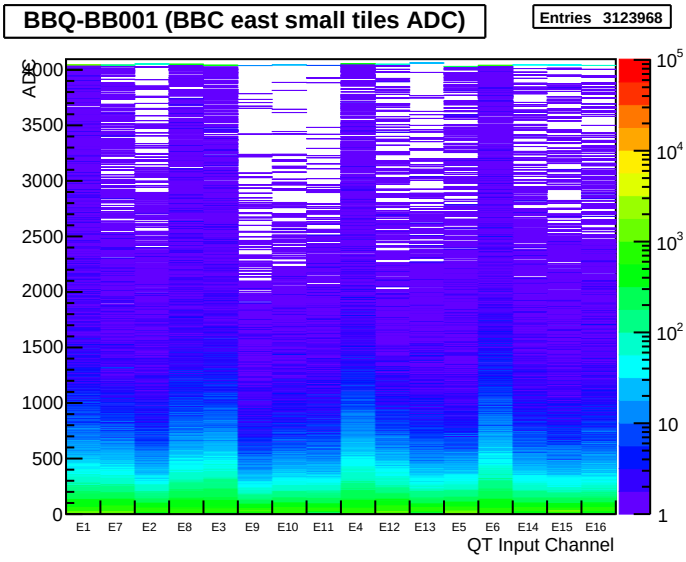

MIX-TF101
Entries 112795
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

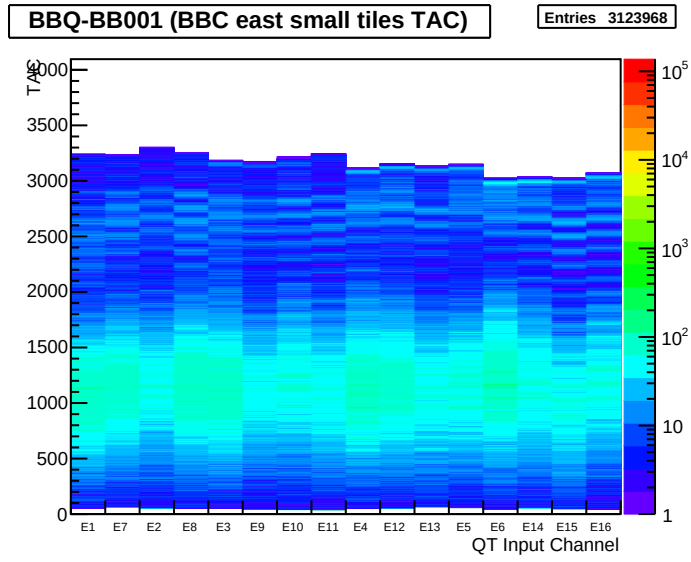

L2-TF201
Entries 195248
TOF total mult

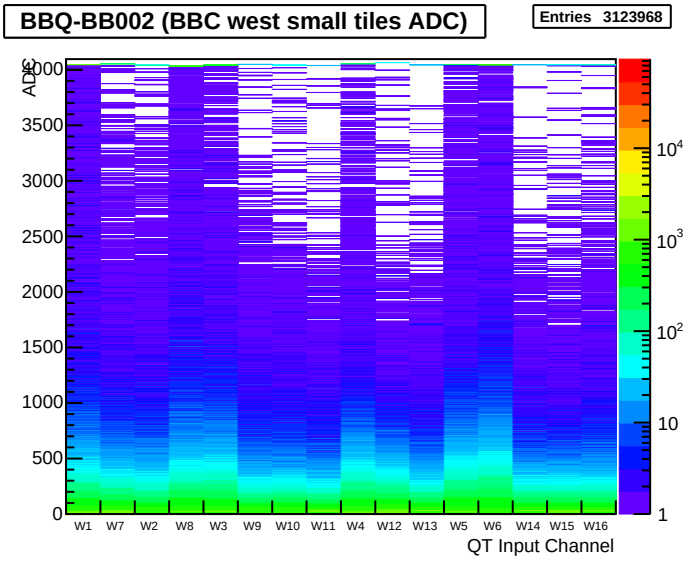

L2-TF201
Entries 0
TOF total mult(Real-Simu)

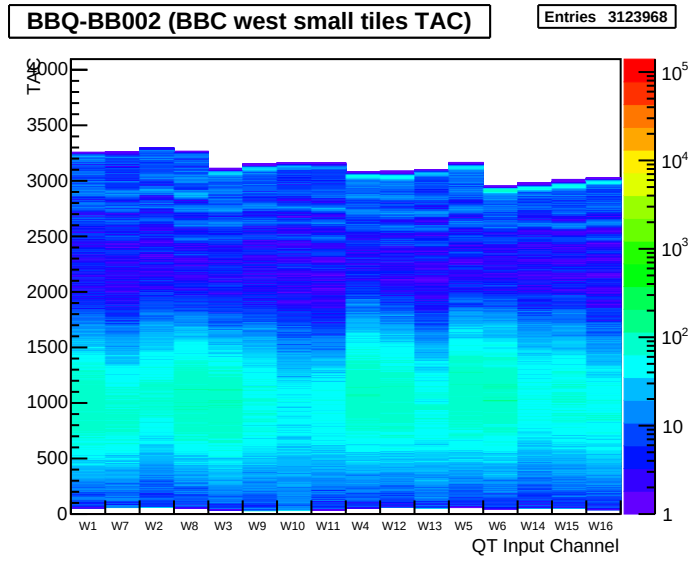

L2-TF201
Entries 1366736
Threshold/UPC bits
172781 174676 173189 174786 173951 171775 187440
22467 20572 22059 20462 21297 23473 7808
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

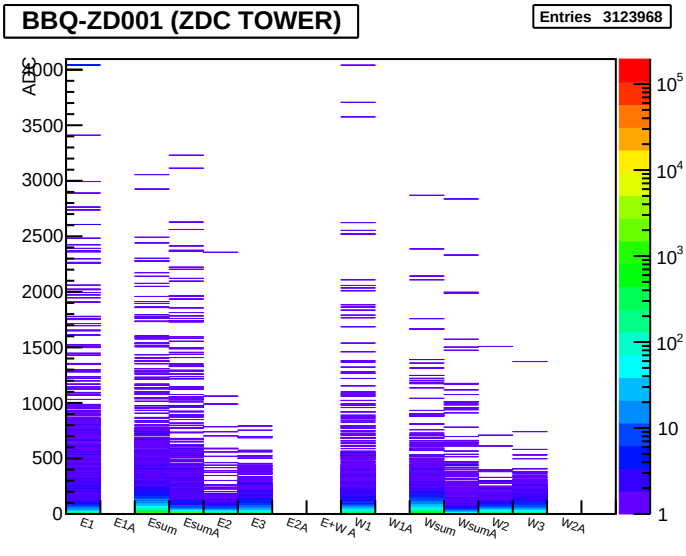

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

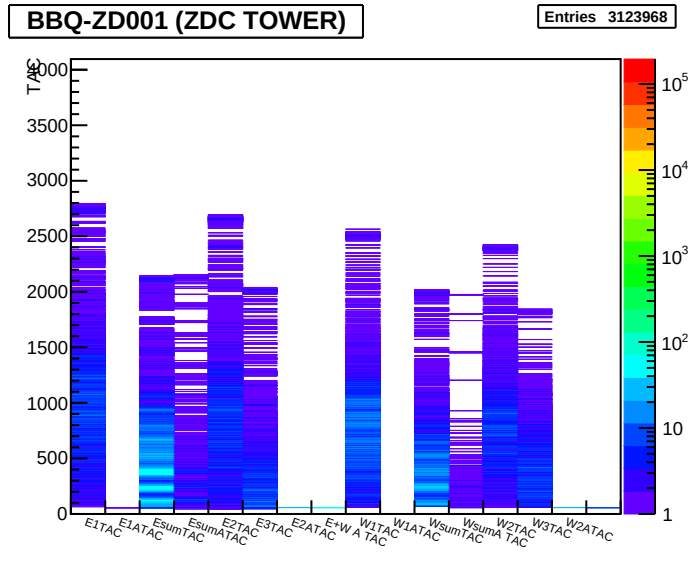

BBQ-BB001 (BBC east small tiles ADC)
Entries 3123968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

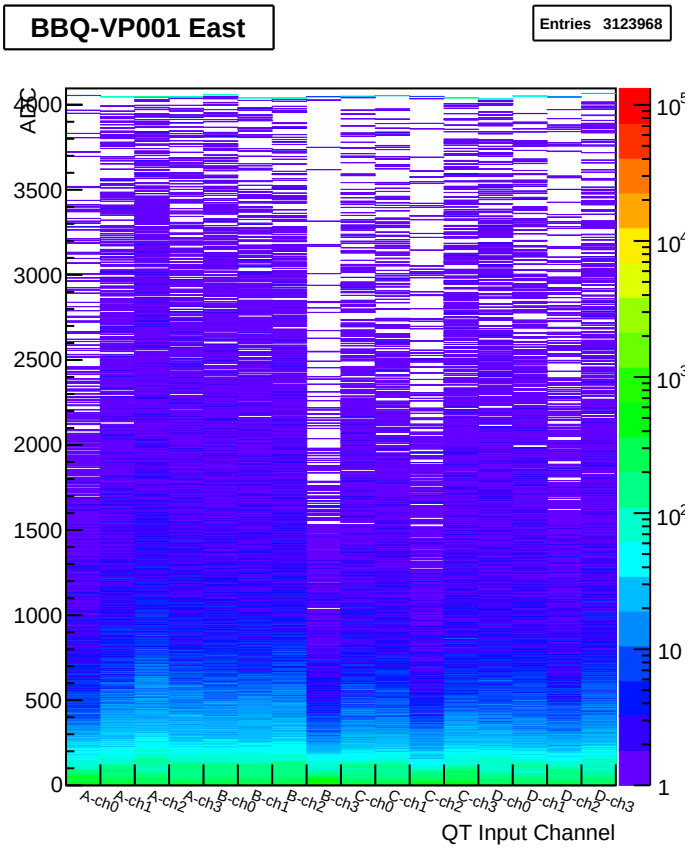

BBQ-BB001 (BBC east small tiles TAC)
Entries 3123968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

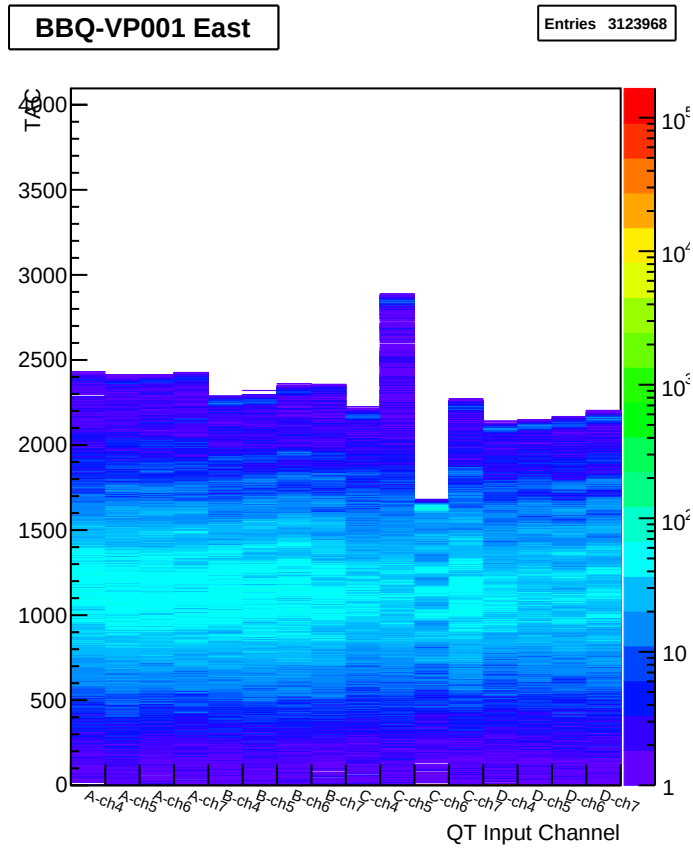

BBQ-BB002 (BBC west small tiles ADC)
Entries 3123968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

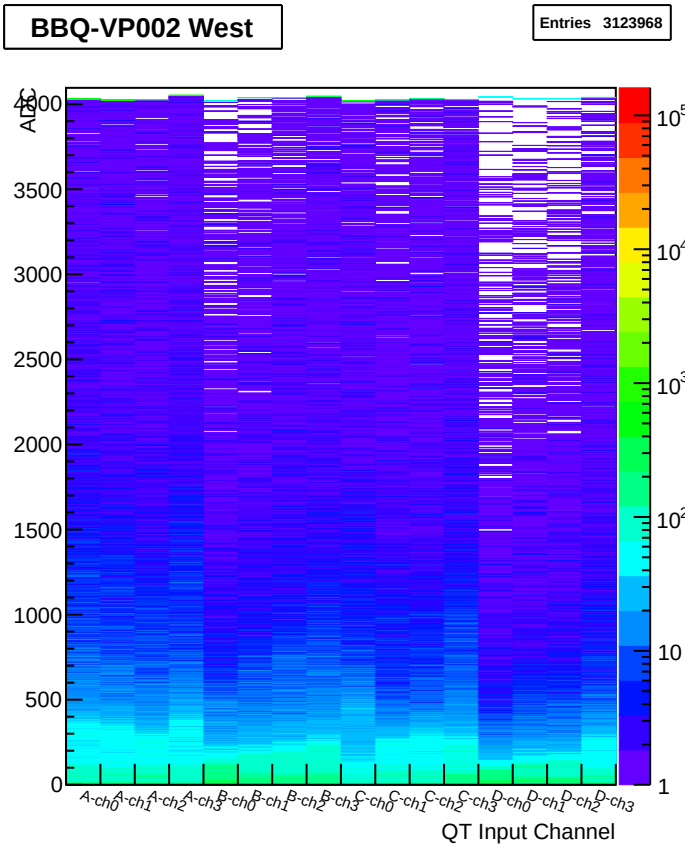

BBQ-BB002 (BBC west small tiles TAC)
Entries 3123968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

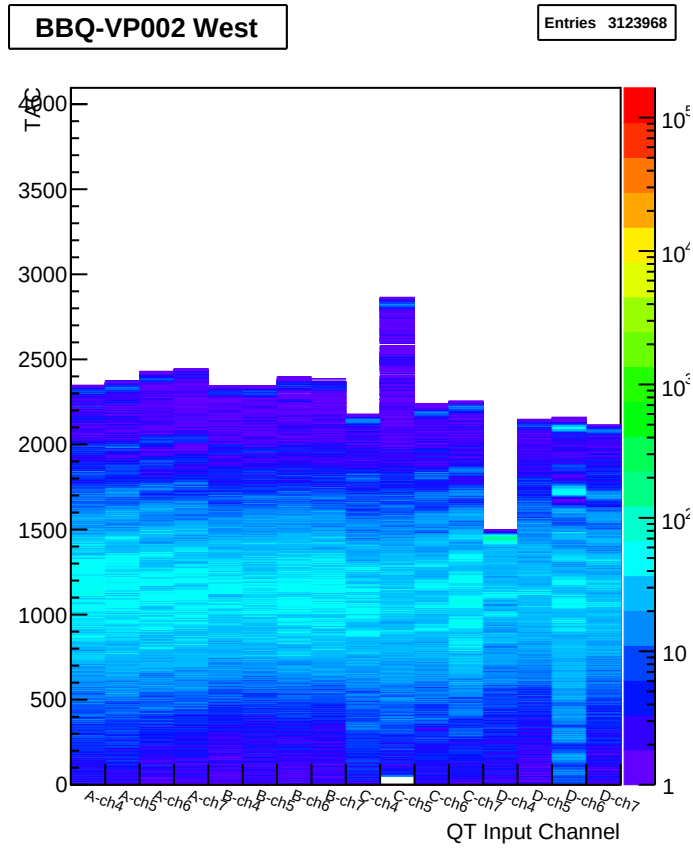

BBQ-ZD001 (ZDC TOWER)
Entries 3123968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

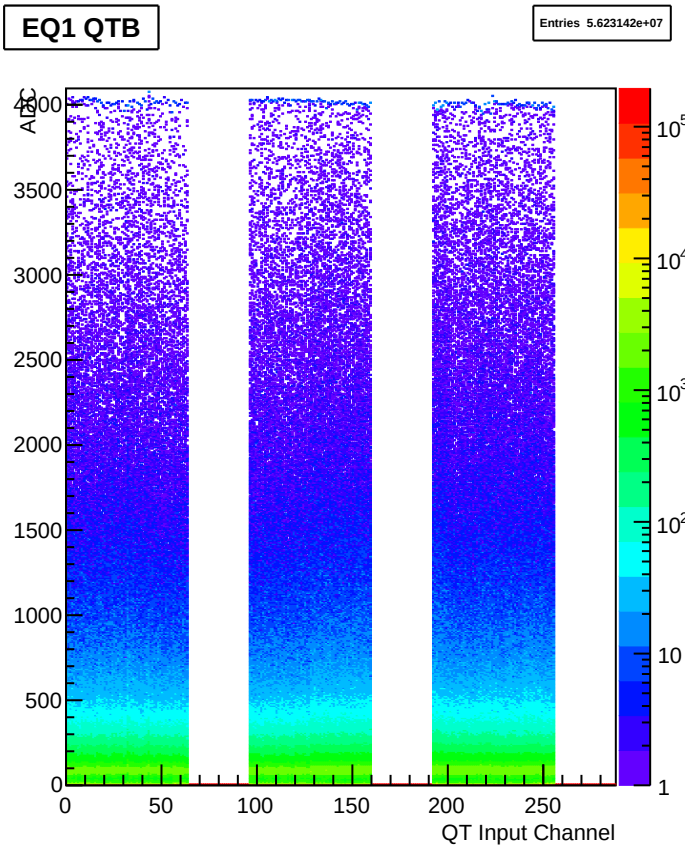

BBQ-ZD001 (ZDC TOWER)
Entries 3123968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

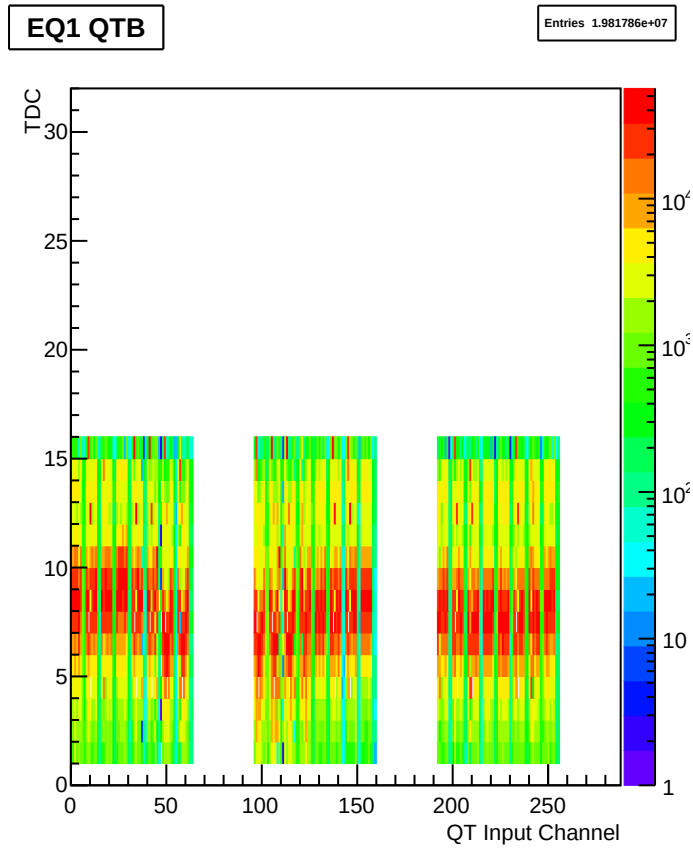

BBQ-VP001 East
Entries 3123968
ADC
QT Input Channel

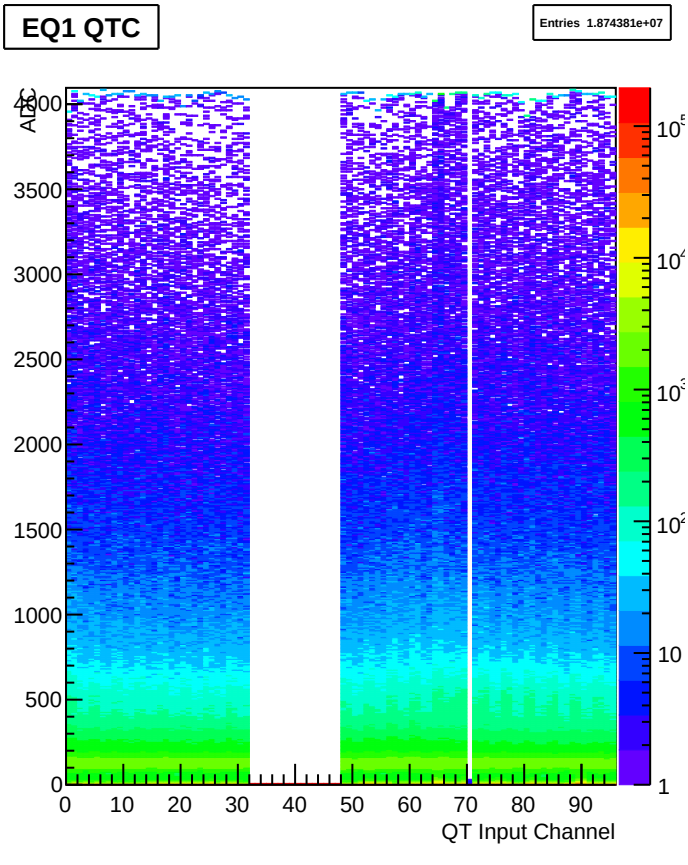

BBQ-VP001 East
Entries 3123968
TADC
QT Input Channel

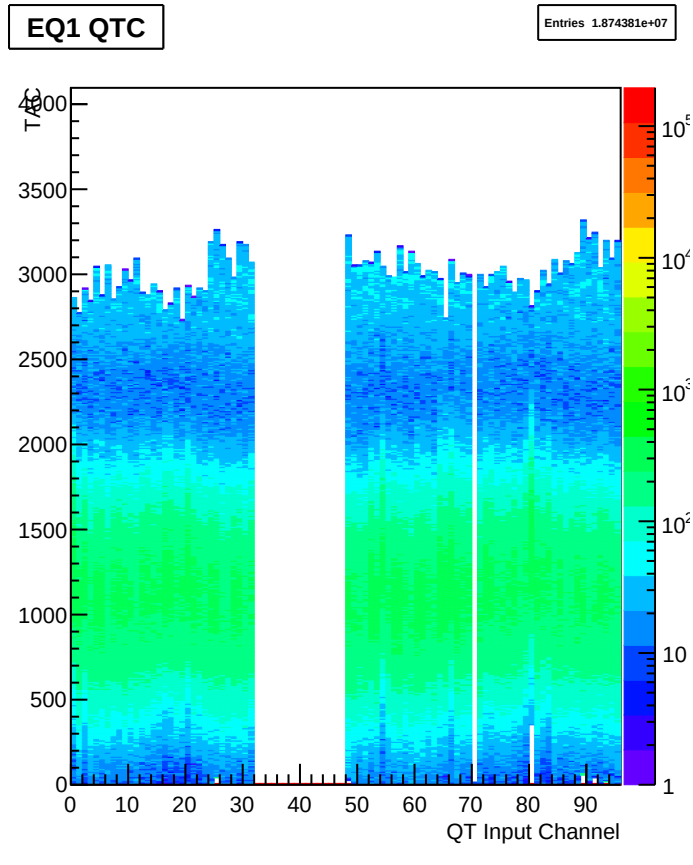

BBQ-VP002 West
Entries 3123968
ADC
QT Input Channel

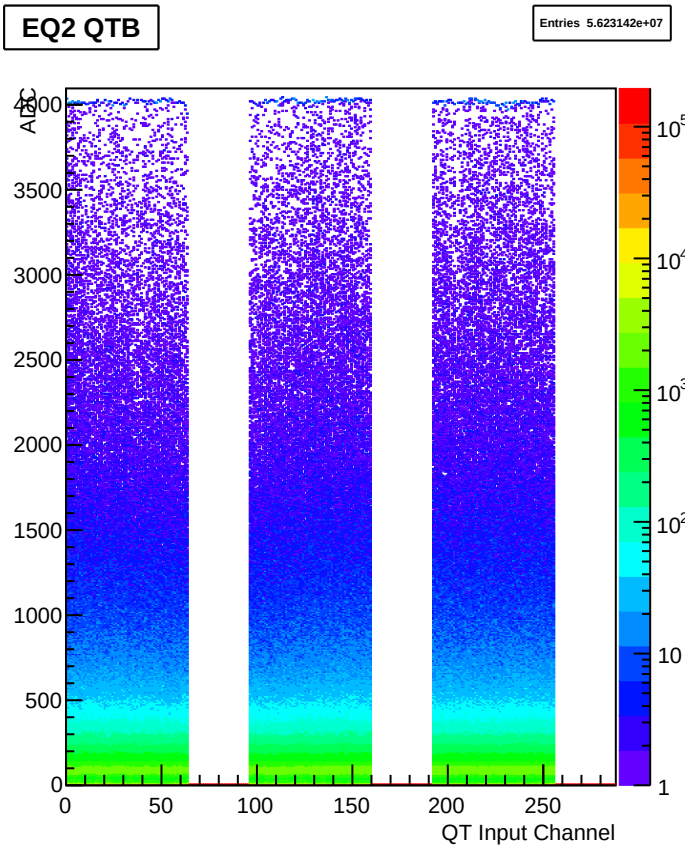

BBQ-VP002 West
Entries 3123968
TADC
QT Input Channel

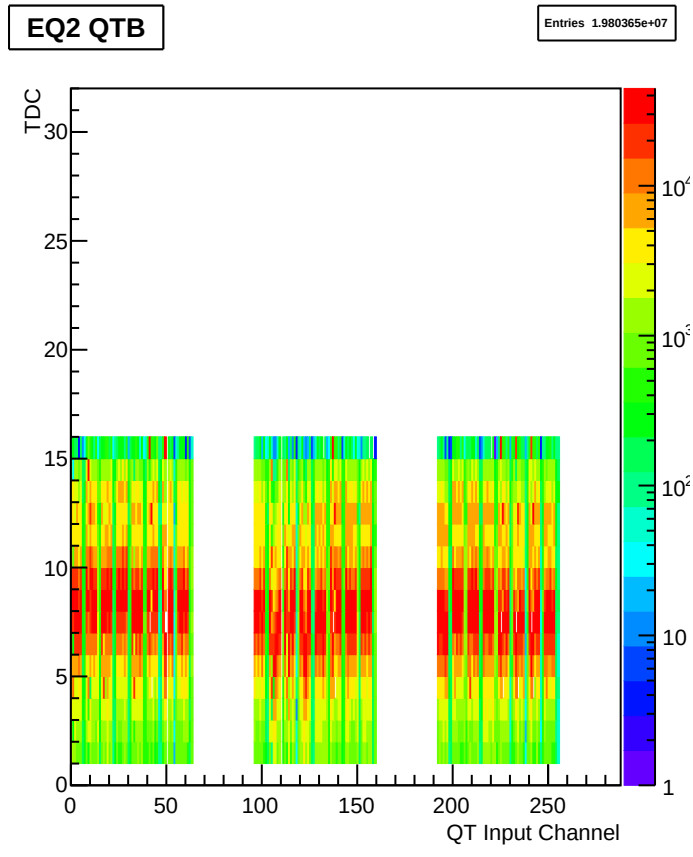

EQ1 QTB
Entries 5.623142e+07
ADC
QT Input Channel

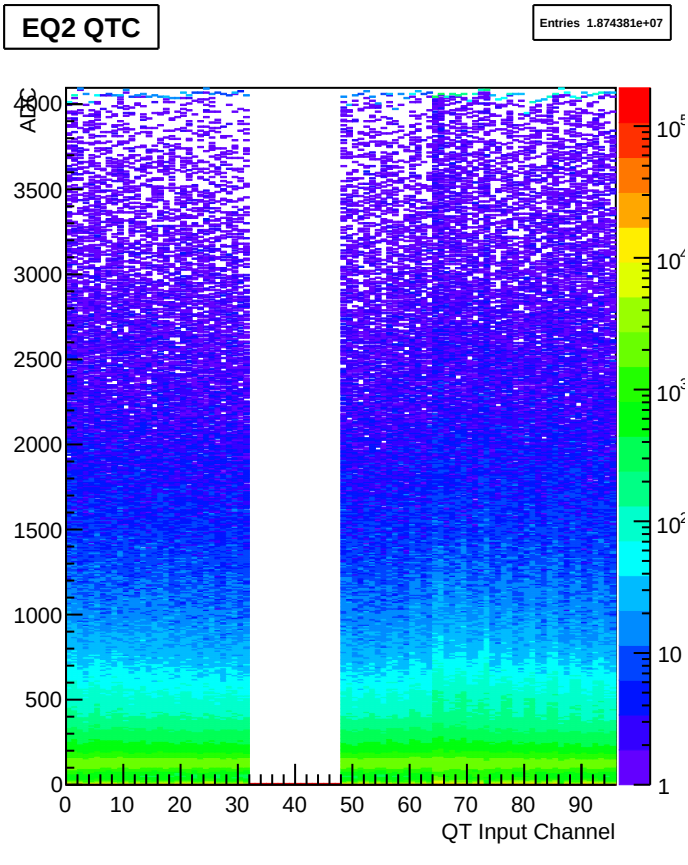

EQ1 QTB
Entries 1.981786e+07
TDC
QT Input Channel

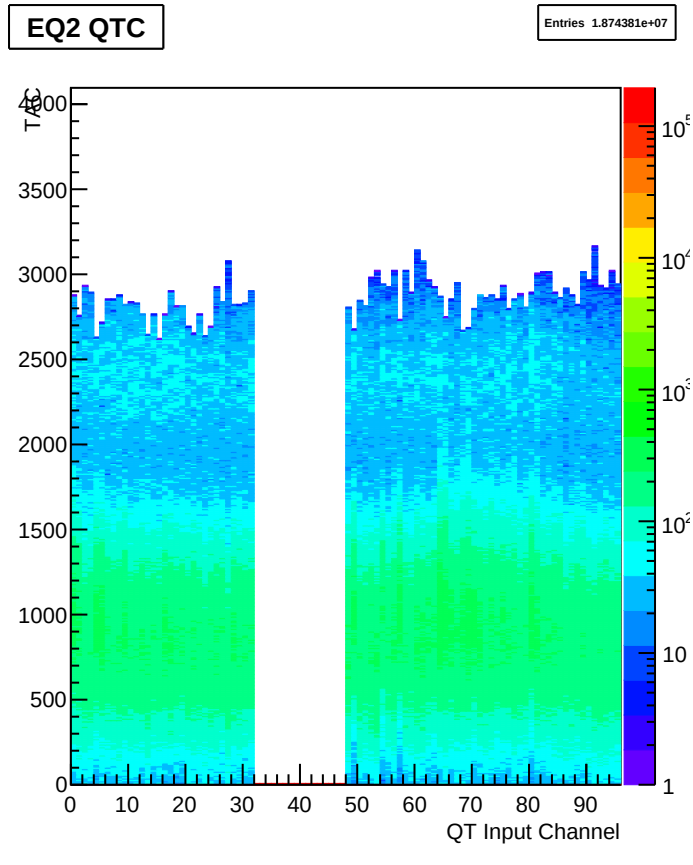

EQ1 QTC
Entries 1.874381e+07
ADC
QT Input Channel

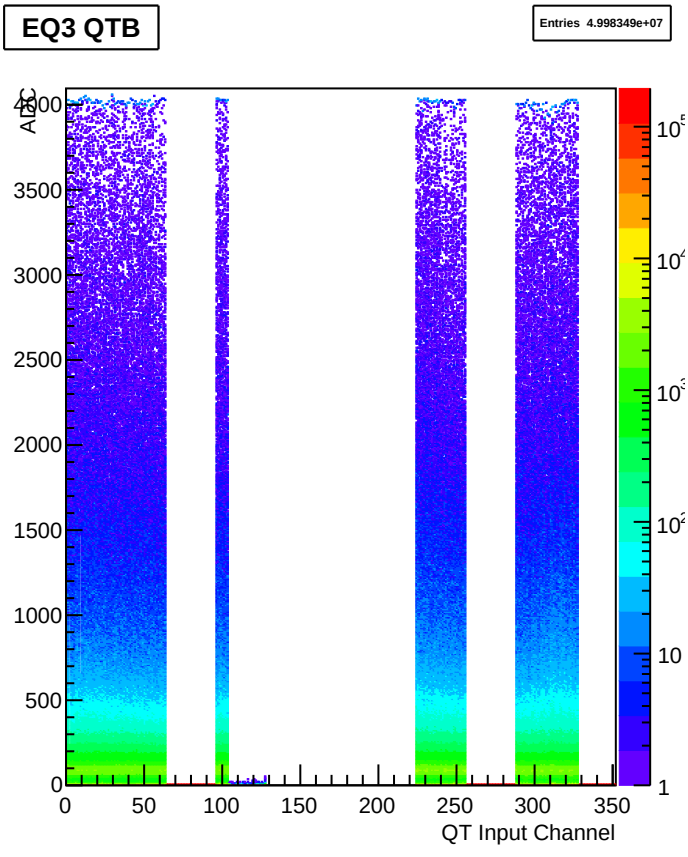

EQ1 QTC
Entries 1.874381e+07
TADC
QT Input Channel

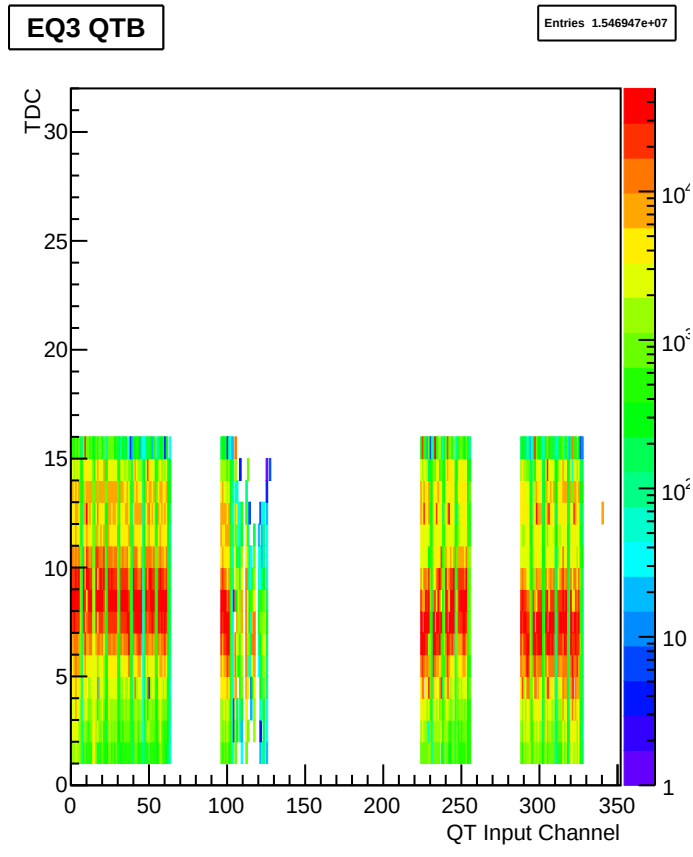

EQ2 QTB
Entries 5.623142e+07
ADC
QT Input Channel

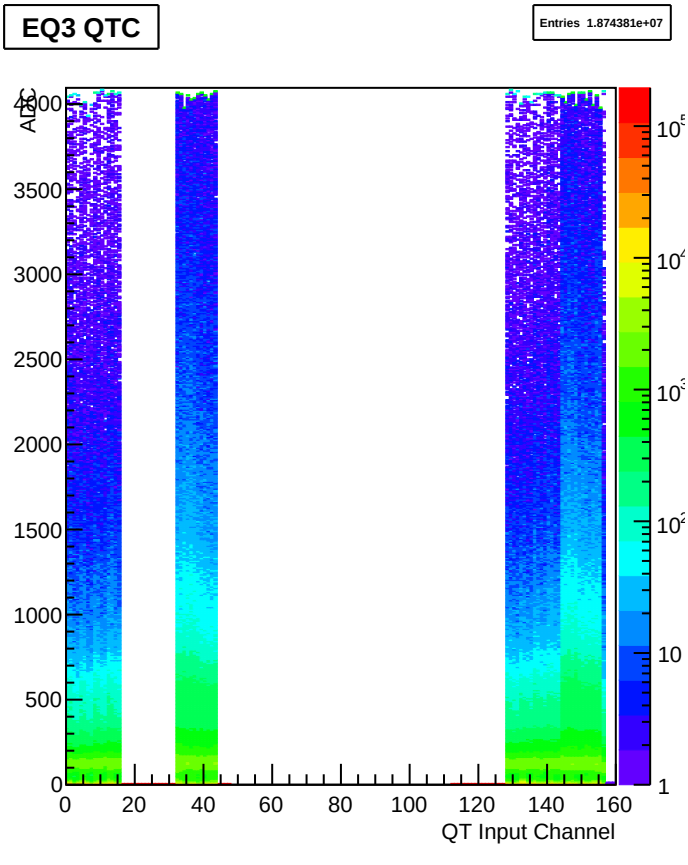

EQ2 QTB
Entries 1.980365e+07
TDC
QT Input Channel

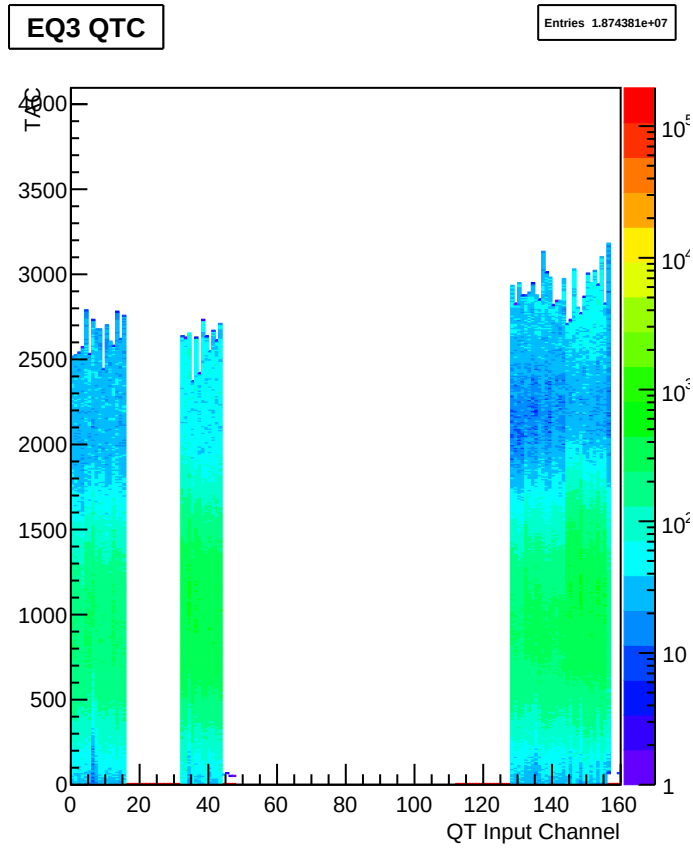

EQ2 QTC
Entries 1.874381e+07
ADC
QT Input Channel

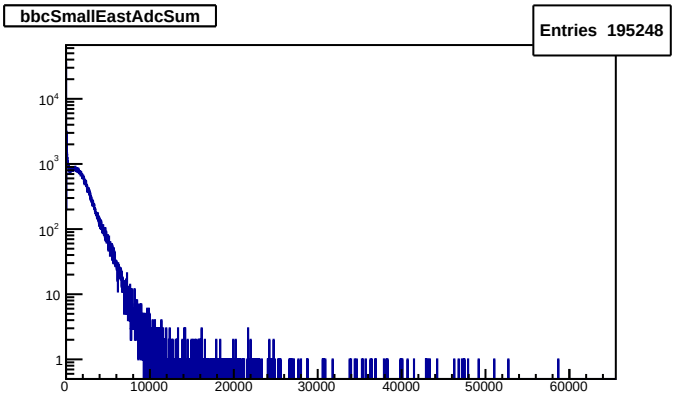

EQ2 QTC
Entries 1.874381e+07
TADC
QT Input Channel

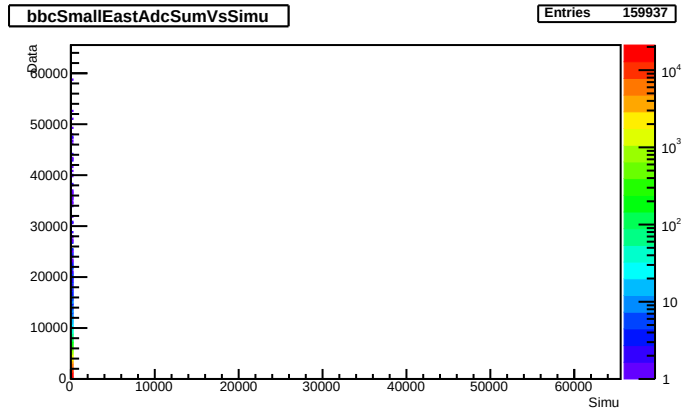

EQ3 QTB
Entries 4.998349e+07
ADC
QT Input Channel

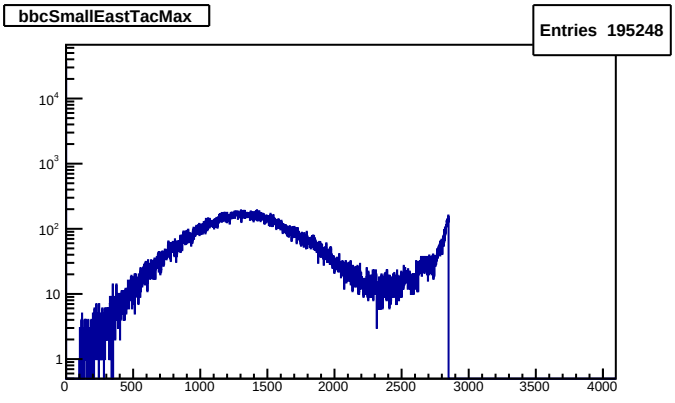

EQ3 QTB
Entries 1.546947e+07
TDC
QT Input Channel

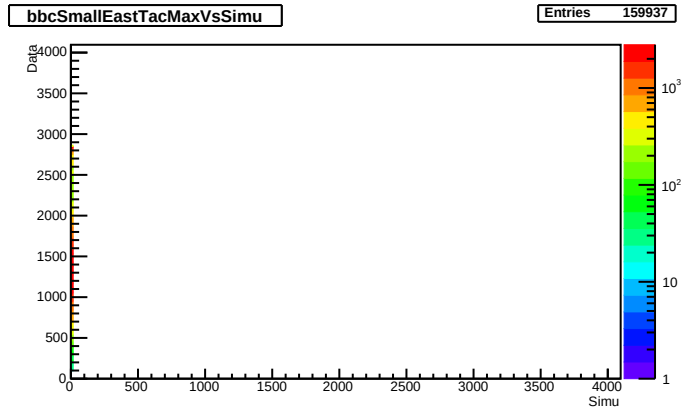

EQ3 QTC
Entries 1.874381e+07
ADC
QT Input Channel

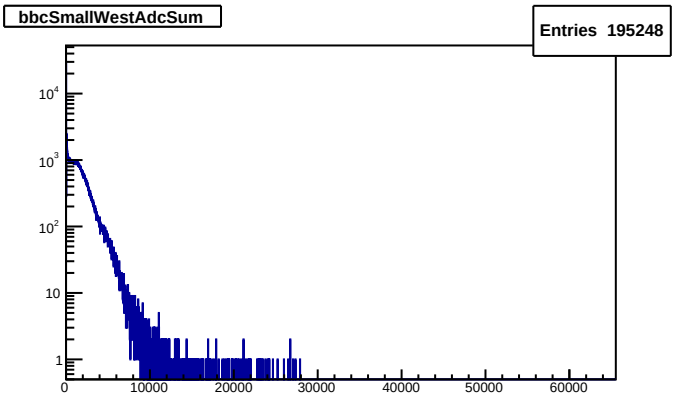

EQ3 QTC
Entries 1.874381e+07
TADC
QT Input Channel

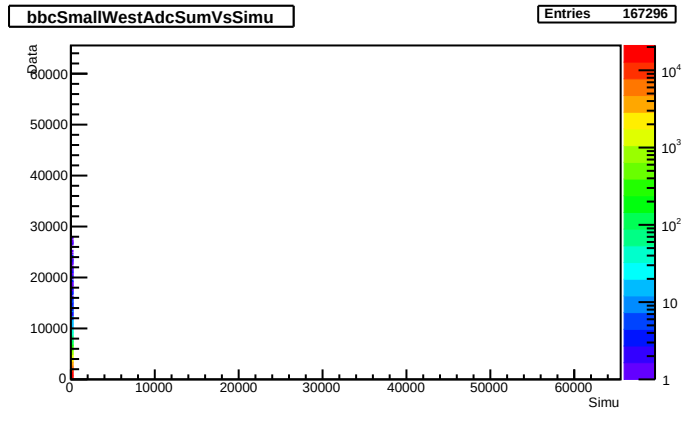

bbcSmallEastAdcSum
Entries 195248

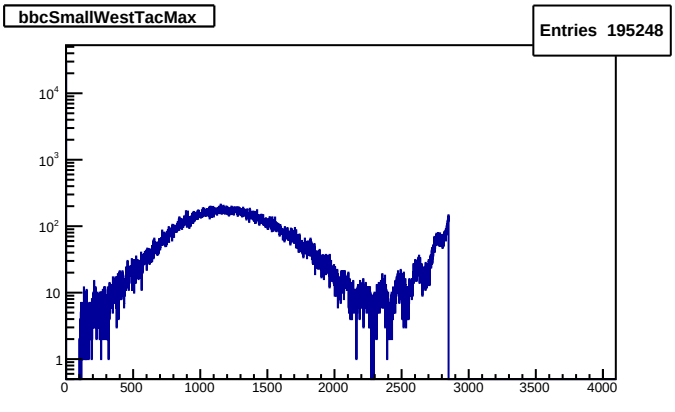

bbcSmallEastAdcSumVsSimu
Entries 159937
Data
Simu

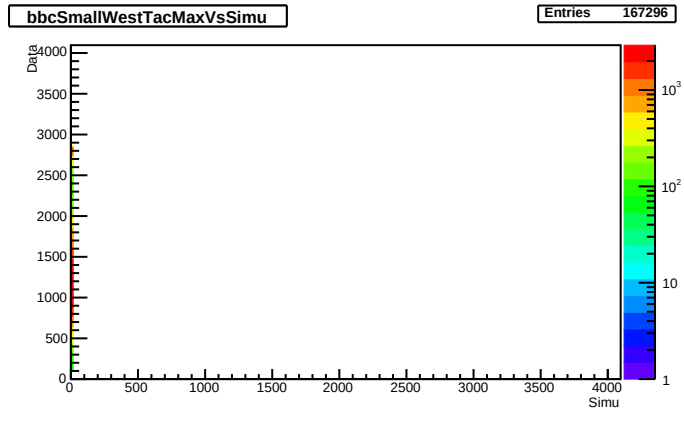

bbcSmallEastTacMax
Entries 195248

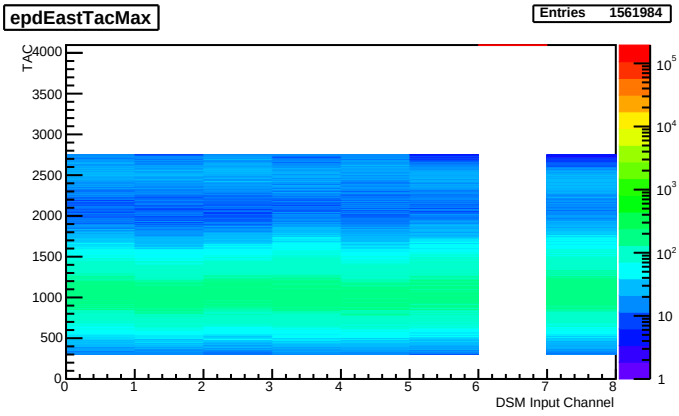

bbcSmallEastTacMaxVsSimu
Entries 159937
Data
Simu

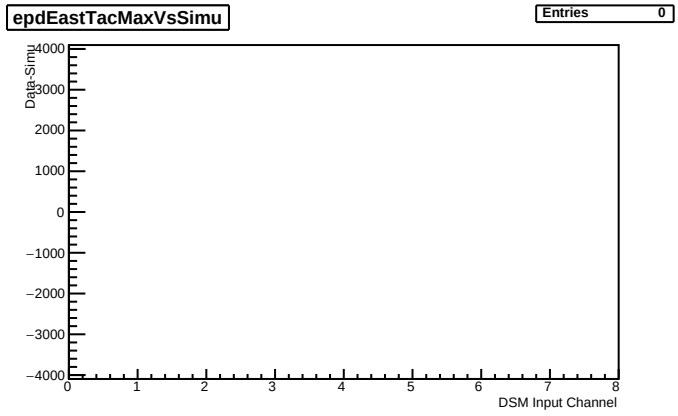

bbcSmallWestAdcSum
Entries 195248

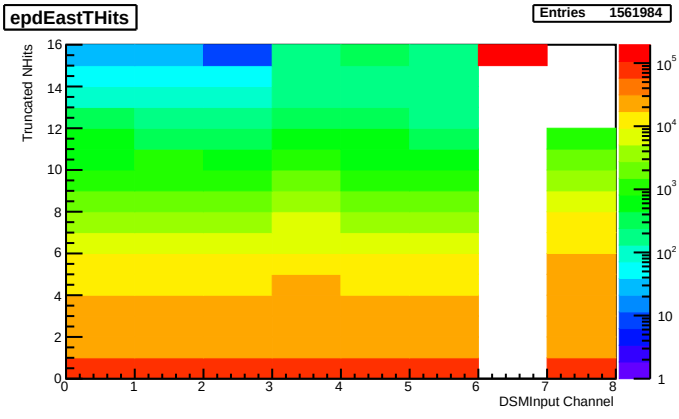

bbcSmallWestAdcSumVsSimu
Entries 167296
Data
Simu

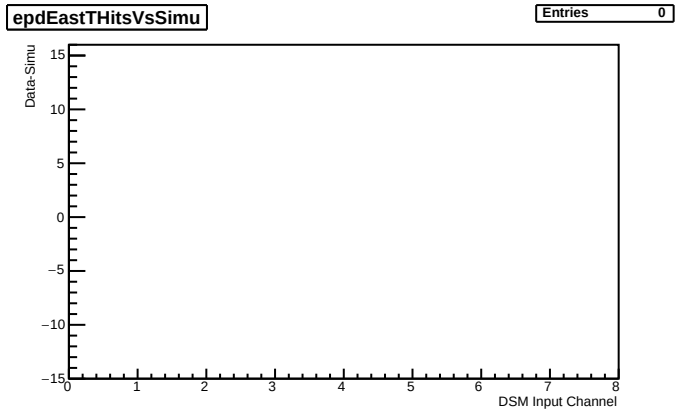

bbcSmallWestTacMax
Entries 195248

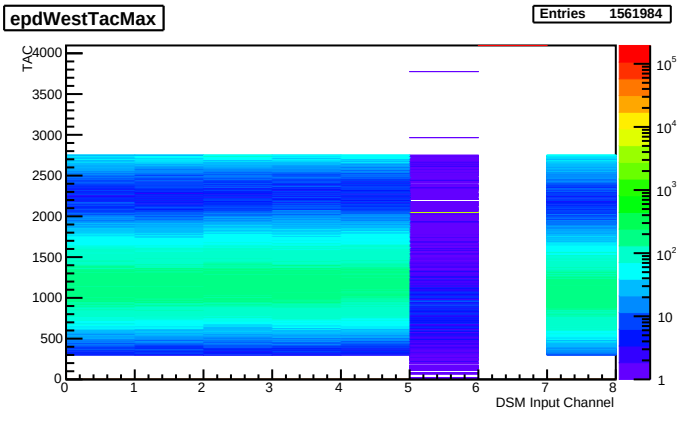

bbcSmallWestTacMaxVsSimu
Entries 167296
Data
Simu

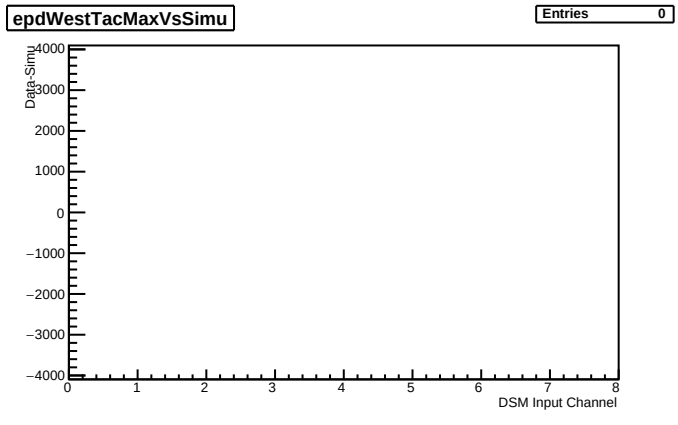

epdEastTacMax
Entries 1561984
TAC
DSM Input Channel

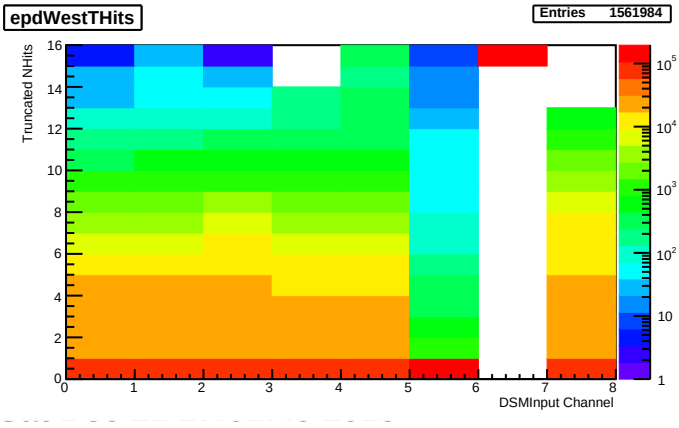

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

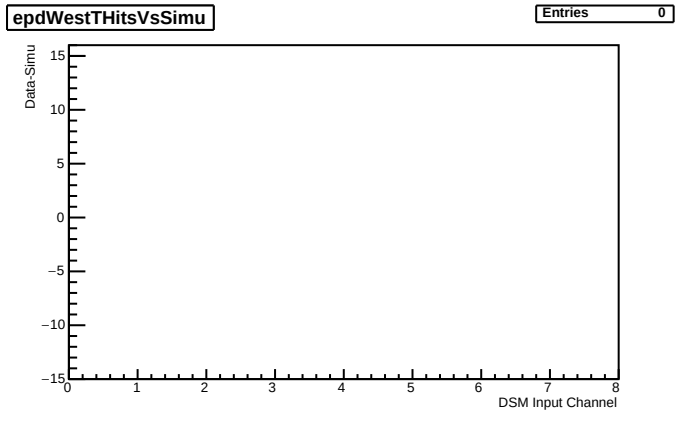

epdEastTHits
Entries 1561984
Truncated NHits
DSMInput Channel

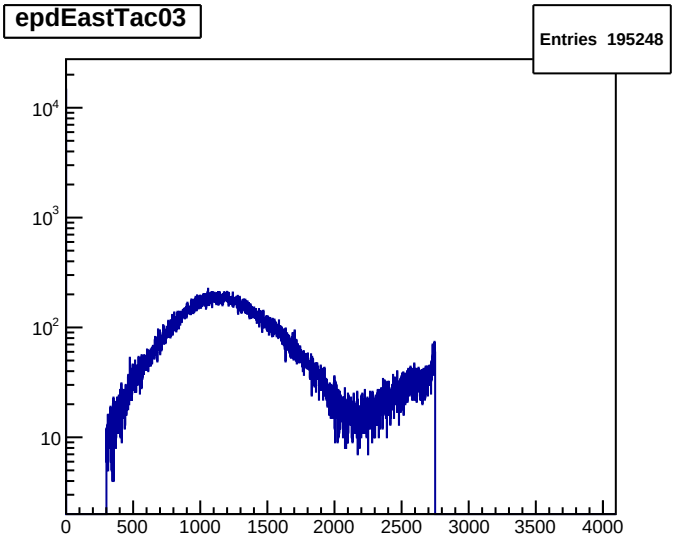

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

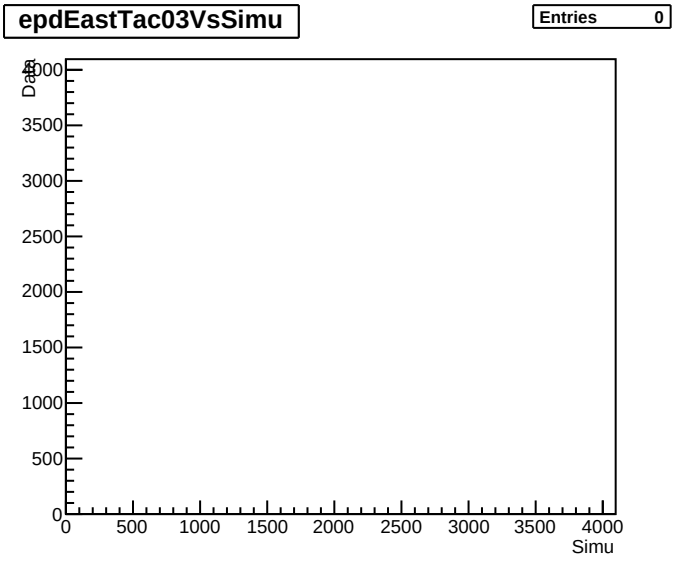

epdWestTacMax
Entries 1561984
TAC
DSM Input Channel

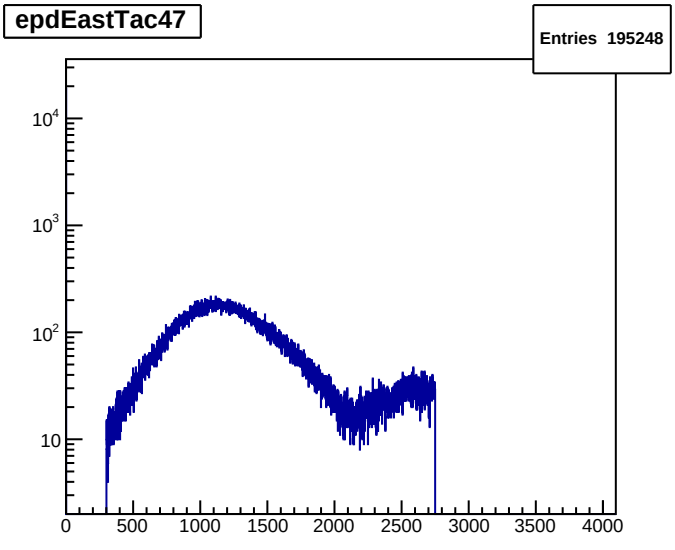

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

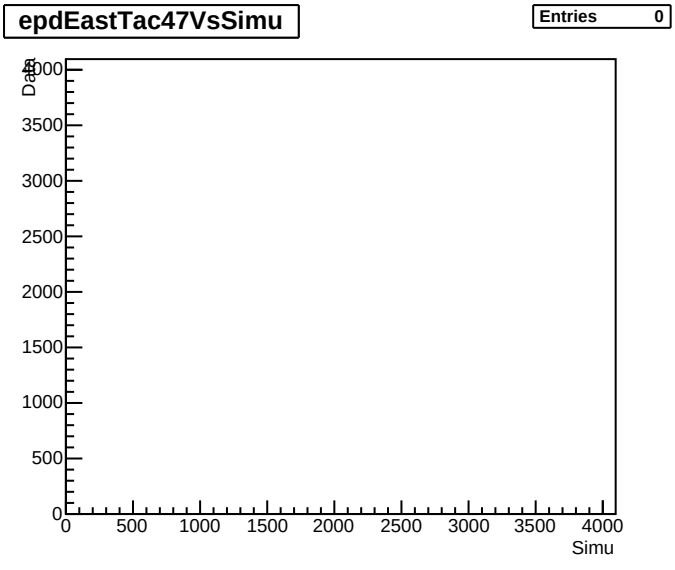

epdWestTHits
Entries 1561984
Truncated NHits
DSMInput Channel

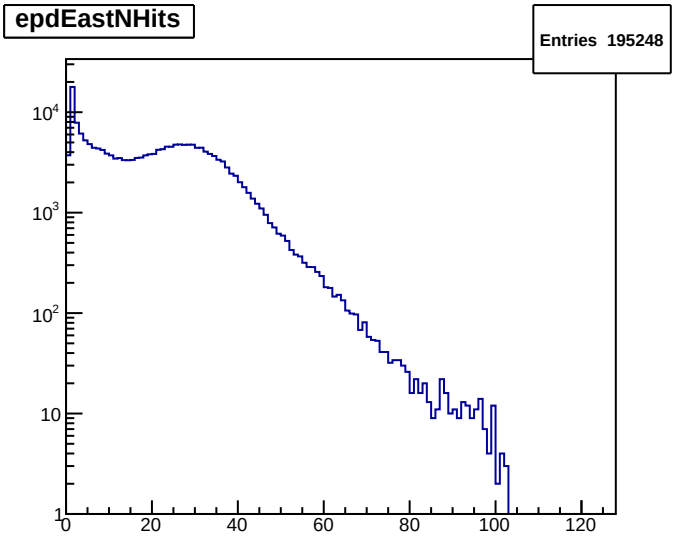

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

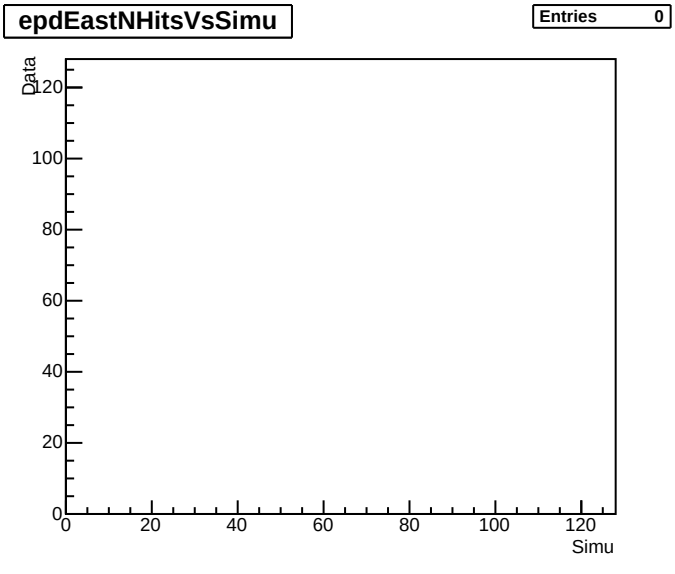

epdEastTac03
Entries 195248

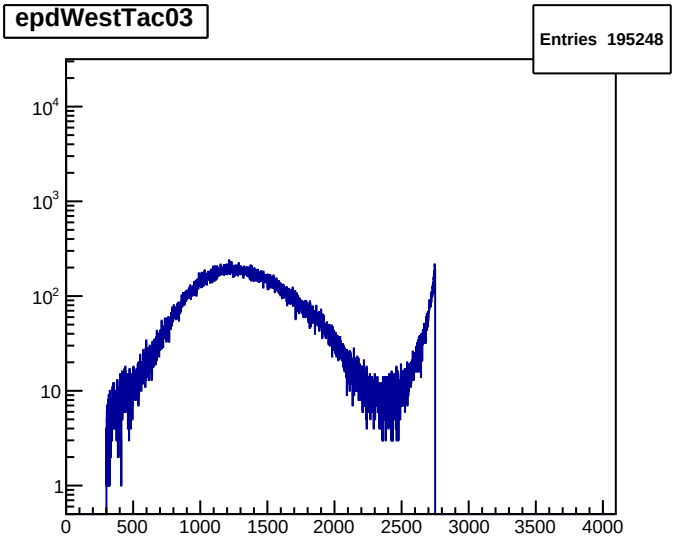

epdEastTac03VsSimu
Entries 0
Data
Simu

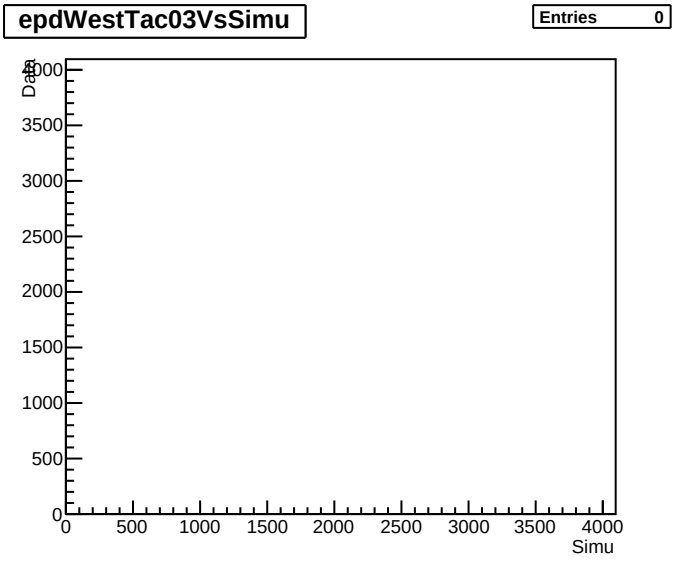

epdEastTac47
Entries 195248

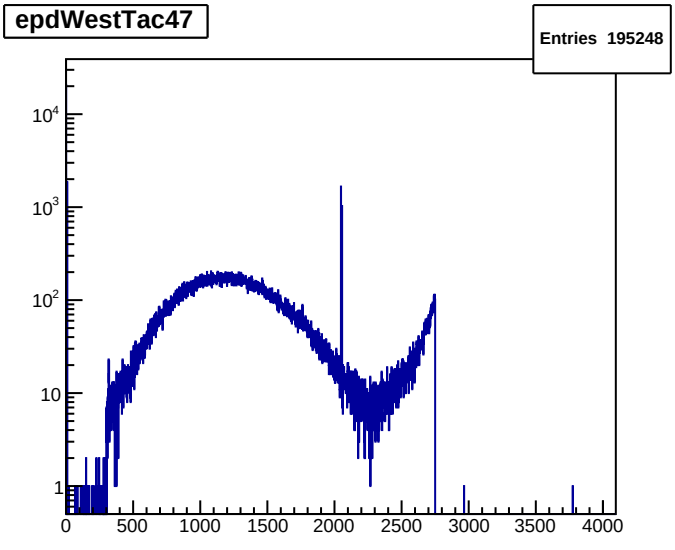

epdEastTac47VsSimu
Entries 0
Data
Simu

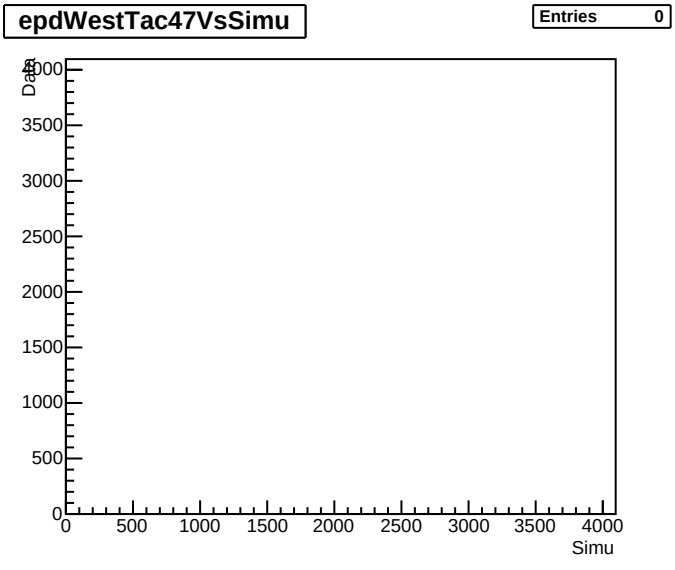

epdEastNHits
Entries 195248

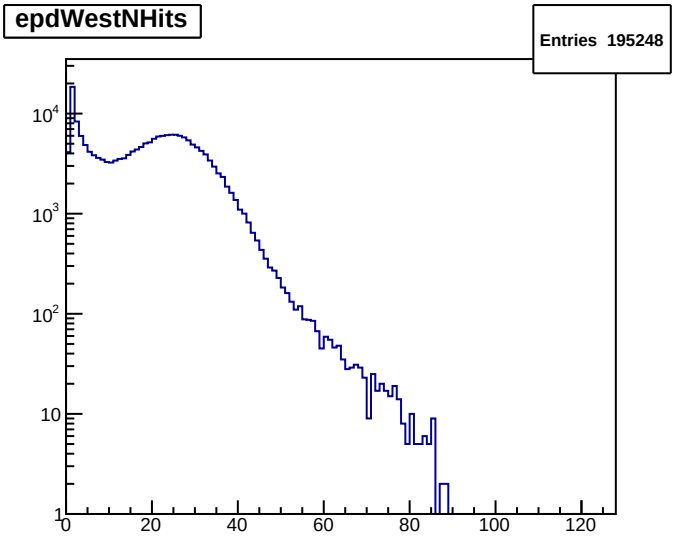

epdEastNHitsVsSimu
Entries 0
Data
Simu

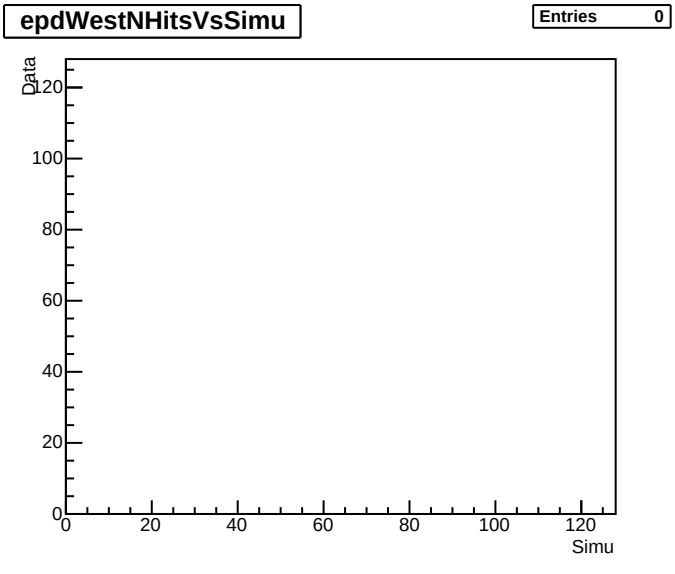

epdWestTac03
Entries 195248

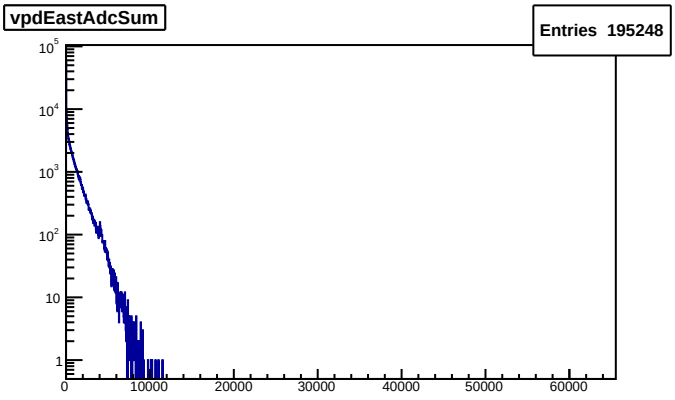

epdWestTac03VsSimu
Entries 0
Data
Simu

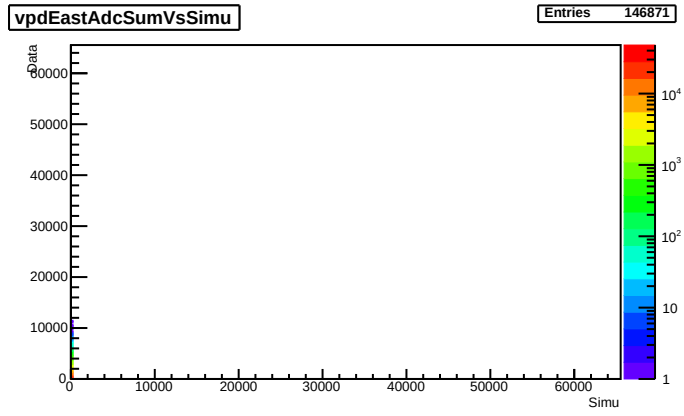

epdWestTac47
Entries 195248

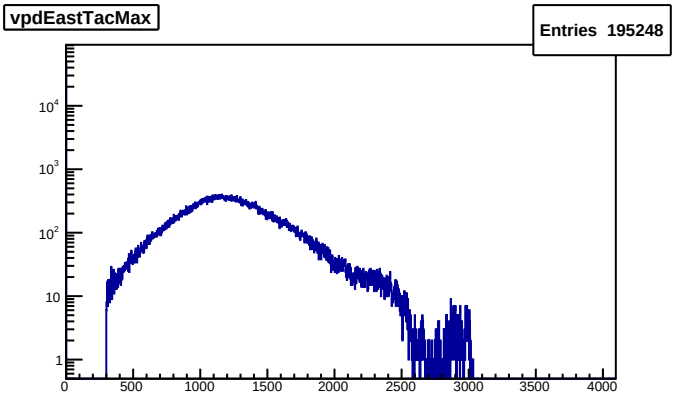

epdWestTac47VsSimu
Entries 0
Data
Simu

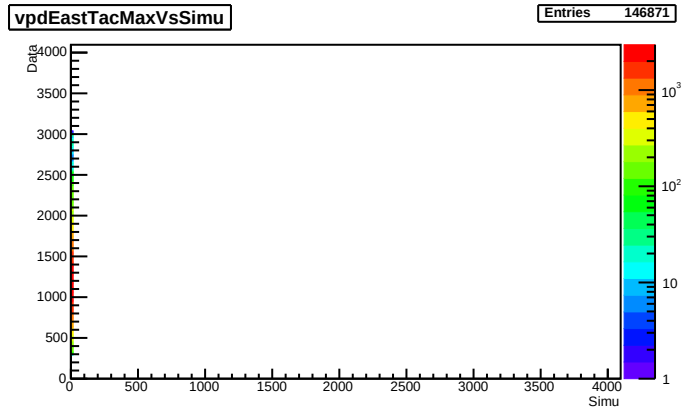

epdWestNHits
Entries 195248

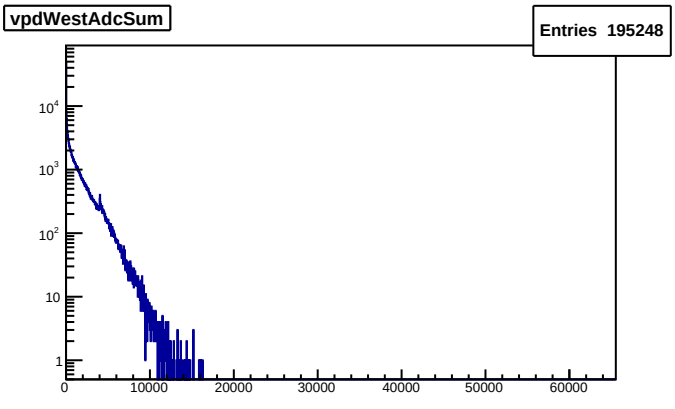

epdWestNHitsVsSimu
Entries 0
Data
Simu

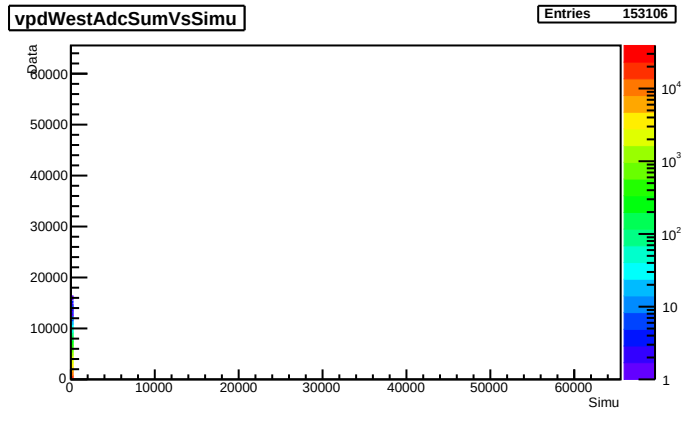

vpdEastAdcSum
Entries 195248

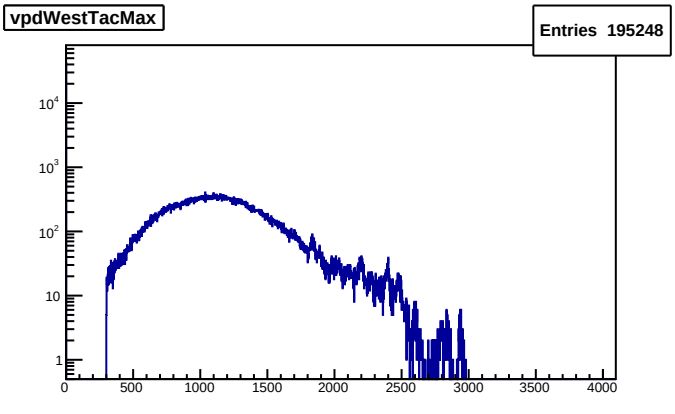

vpdEastAdcSumVsSimu
Entries 146871
Data
Simu

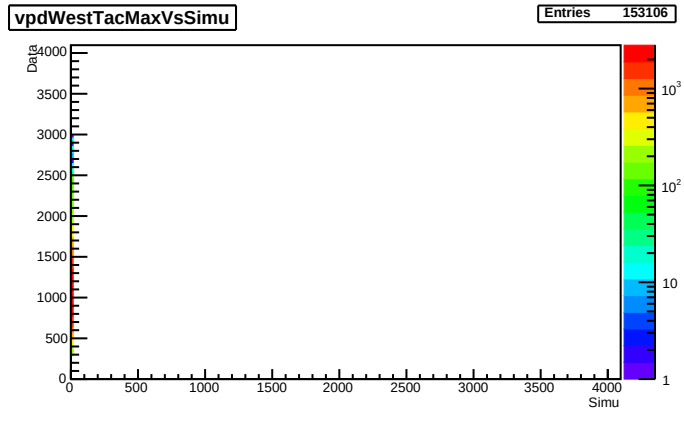

vpdEastTacMax
Entries 195248

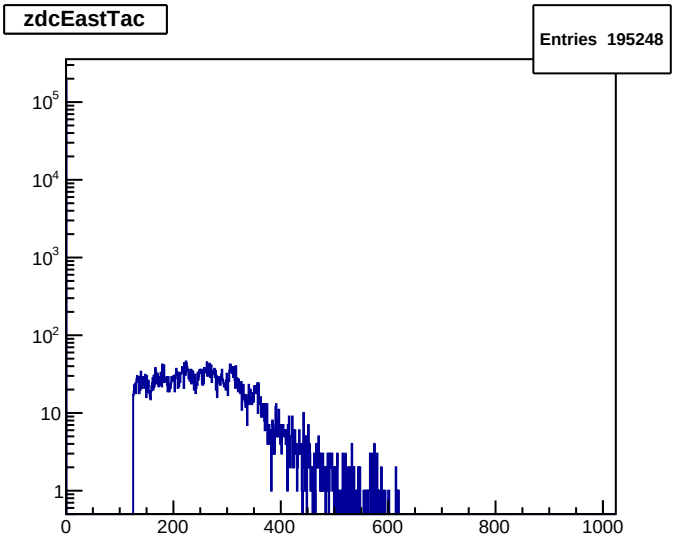

vpdEastTacMaxVsSimu
Entries 146871
Data
Simu

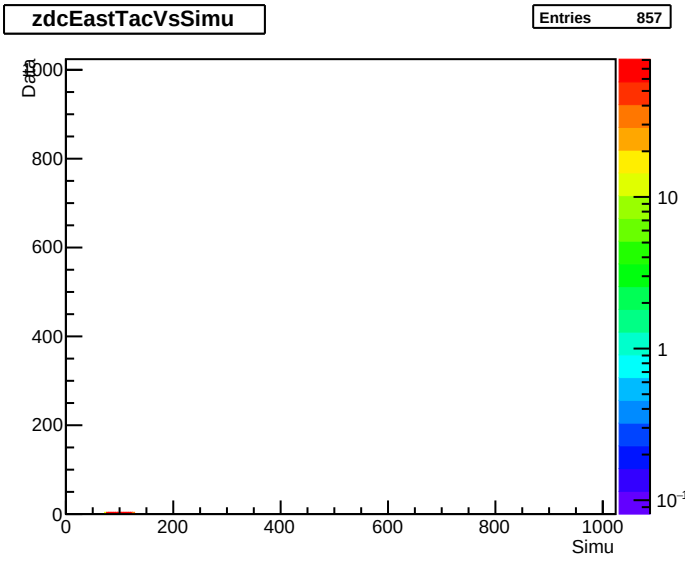

vpdWestAdcSum
Entries 195248

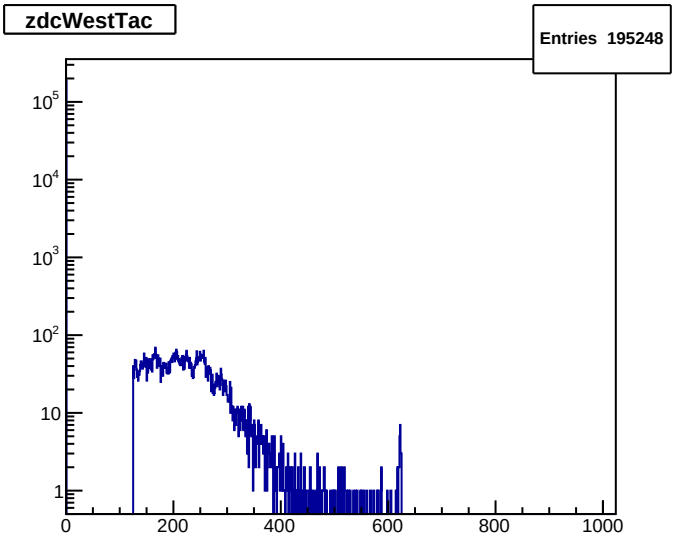

vpdWestAdcSumVsSimu
Entries 153106
Data
Simu

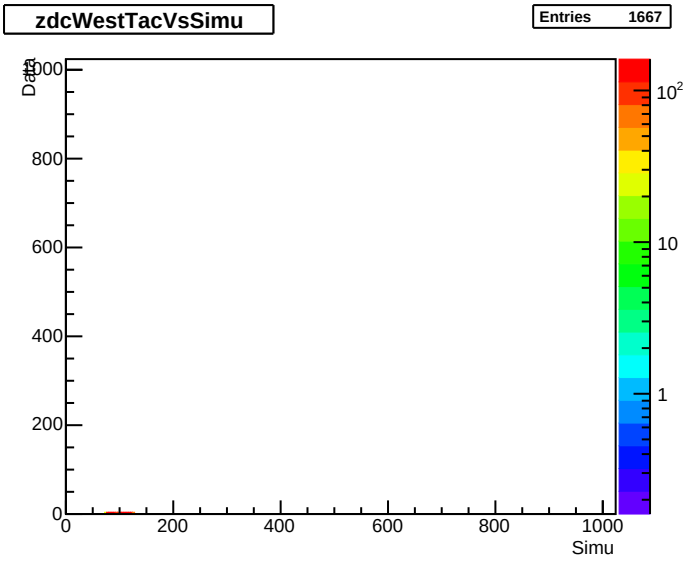

vpdWestTacMax
Entries 195248

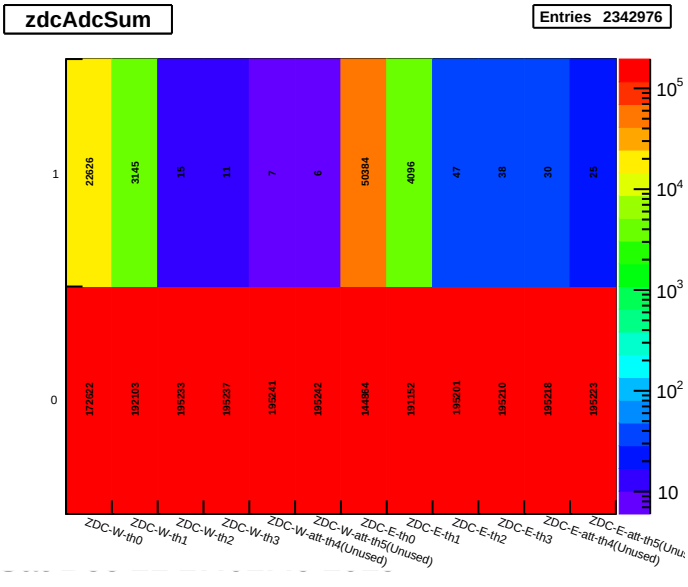

vpdWestTacMaxVsSimu
Entries 153106
Data
Simu

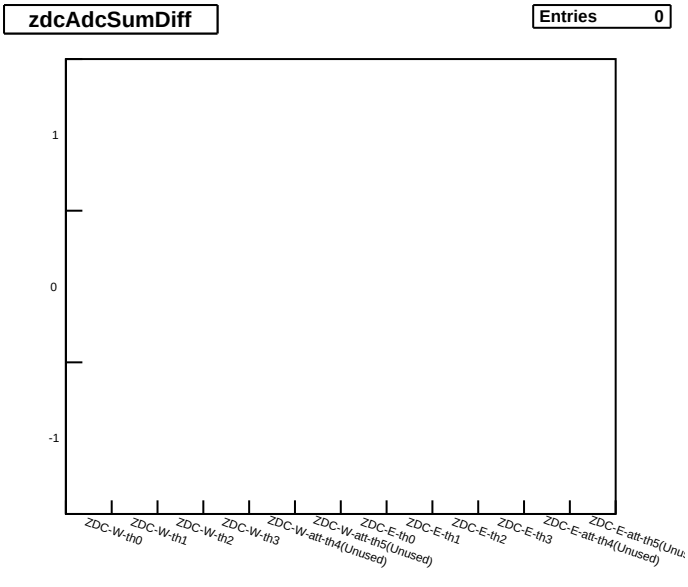

zdcEastTac
Entries 195248

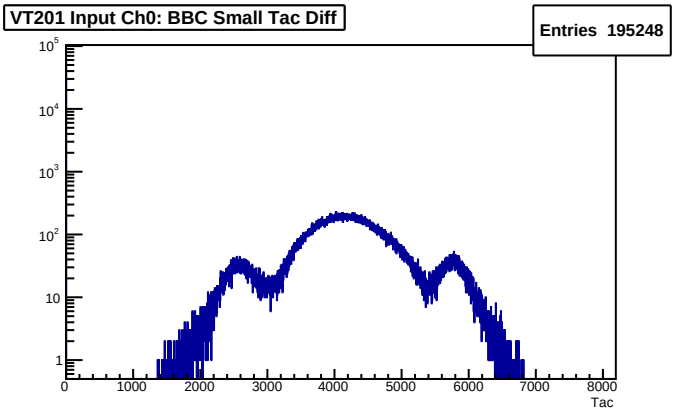

zdcEastTacVsSimu
Entries 857
Data
Simu

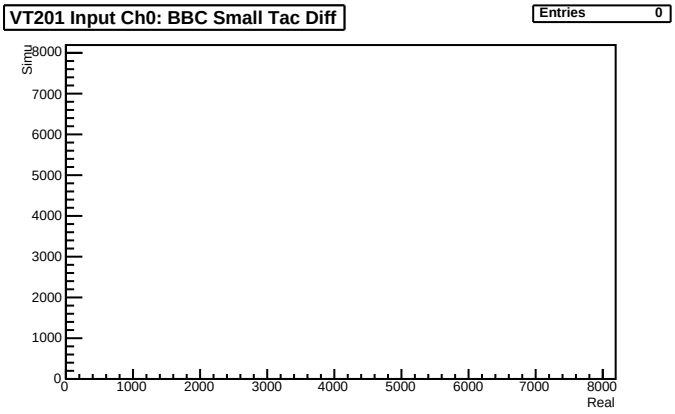

zdcWestTac
Entries 195248

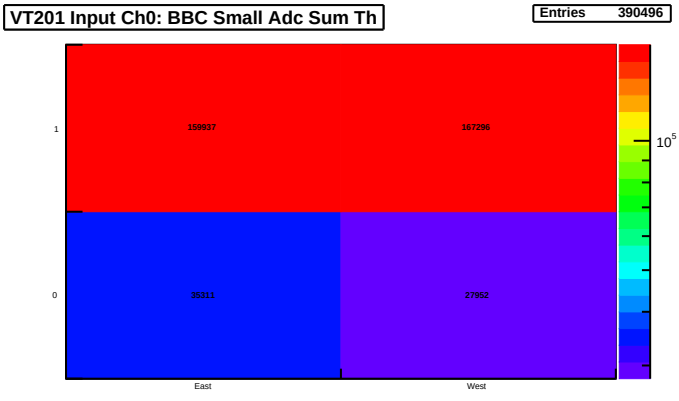

zdcWestTacVsSimu
Entries 1667
Data
Simu

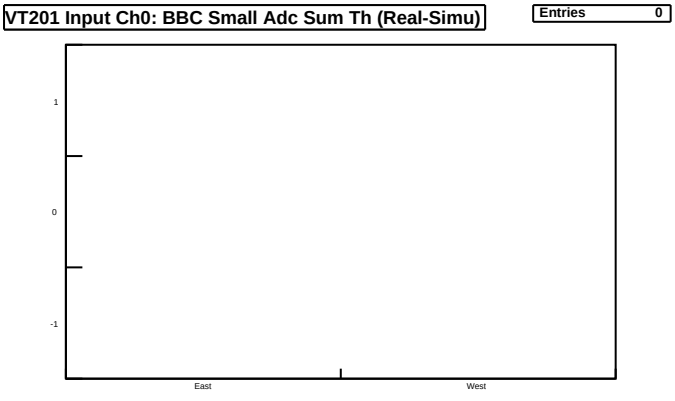

zdcAdcSum
Entries 2342976
22626
3145
15
11
7
6
50384
4096
47
38
30
25
172622
192103
195233
195237
195241
195242
144864
191152
195201
195210
195218
195223
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

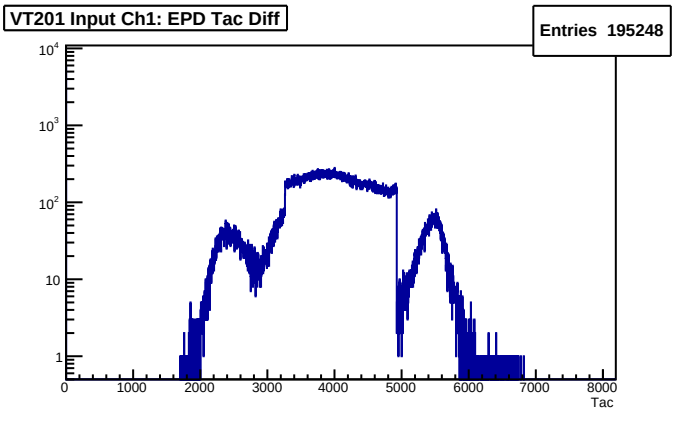

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

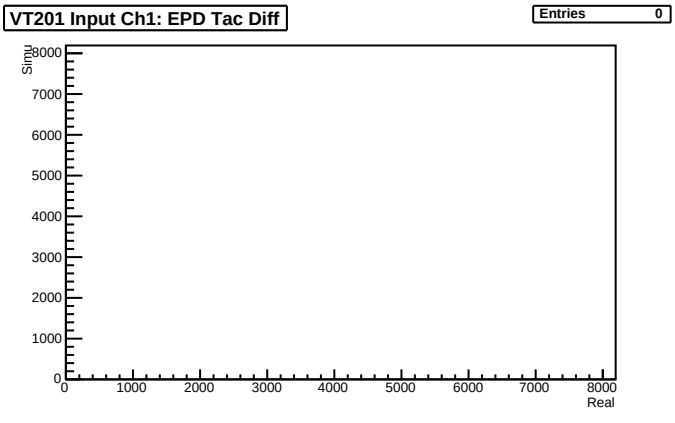

VT201 Input Ch0: BBC Small Tac Diff
Entries 195248
Tac

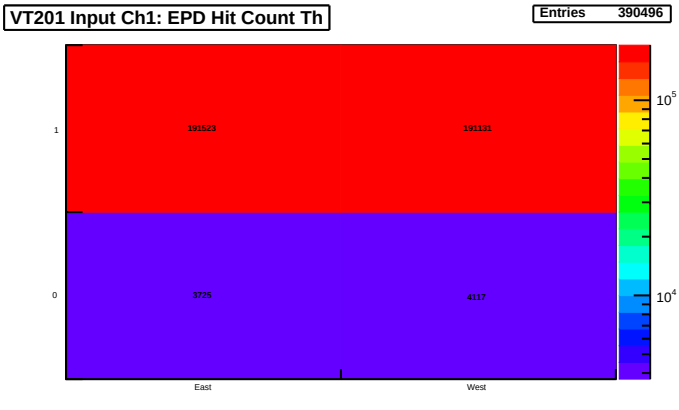

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

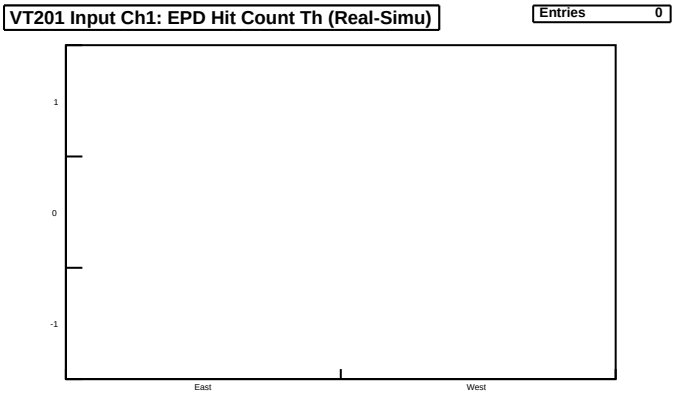

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 390496
159937
167296
35311
27952
East
West

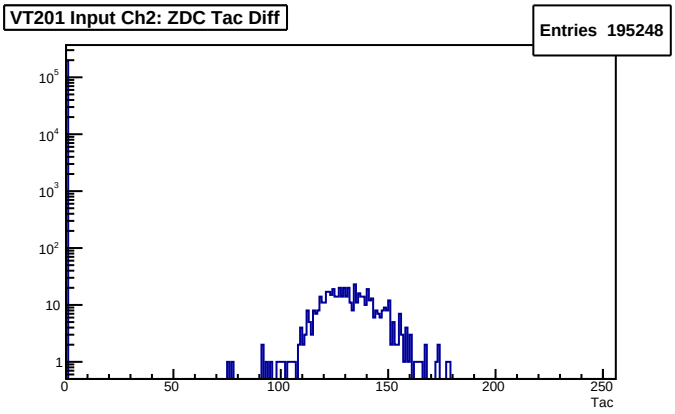

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

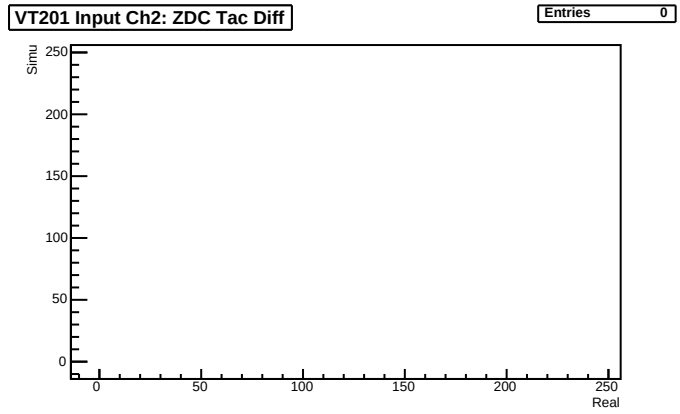

VT201 Input Ch1: EPD Tac Diff
Entries 195248
Tac

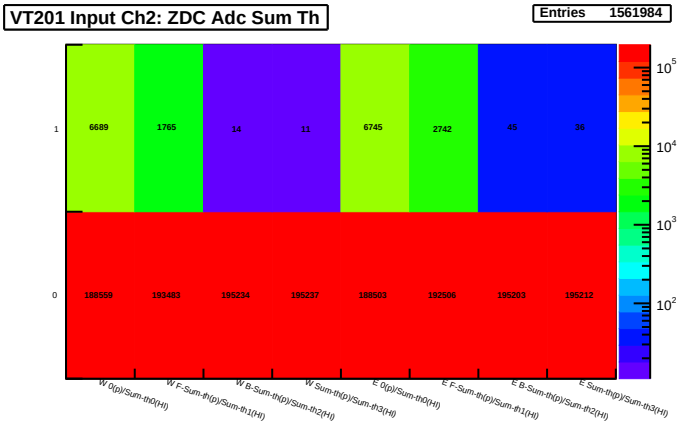

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

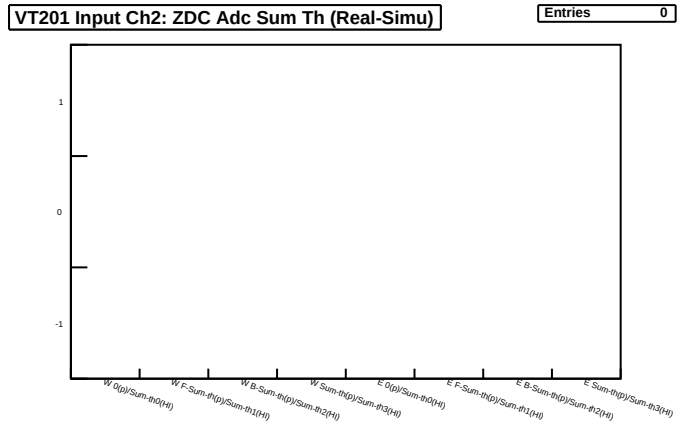

VT201 Input Ch1: EPD Hit Count Th
Entries 390496
191523
191131
3725
4117
East
West

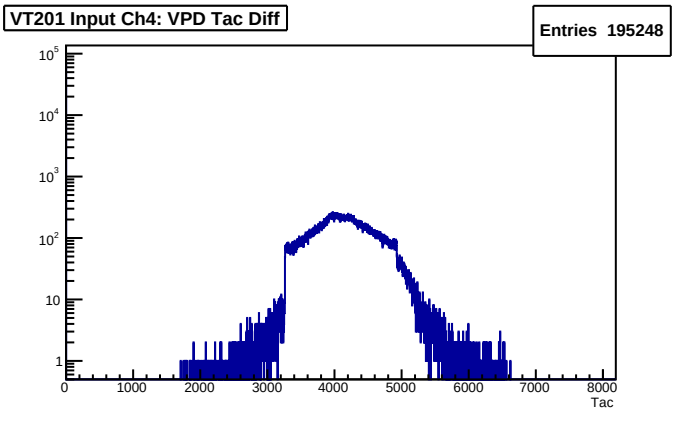

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

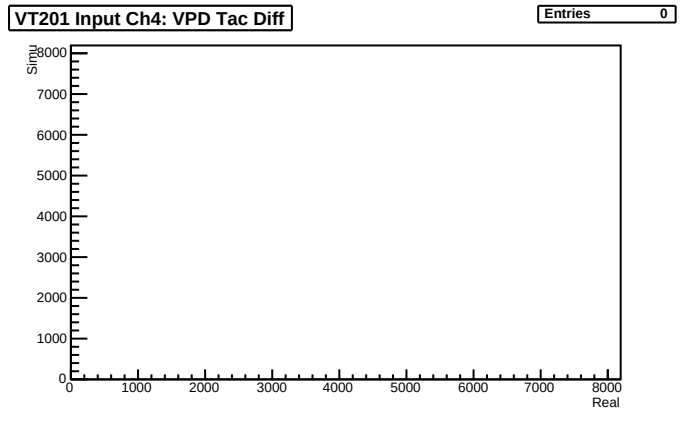

VT201 Input Ch2: ZDC Tac Diff
Entries 195248
Tac

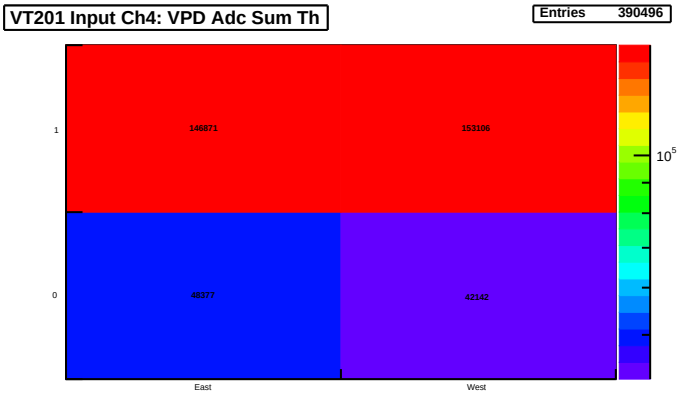

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

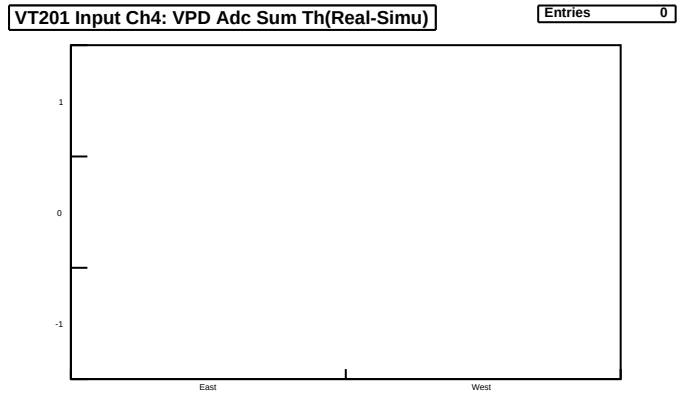

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1561984
6689
1765
14
11
6745
2742
45
36
188559
193483
195234
195237
188503
192506
195203
195212
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

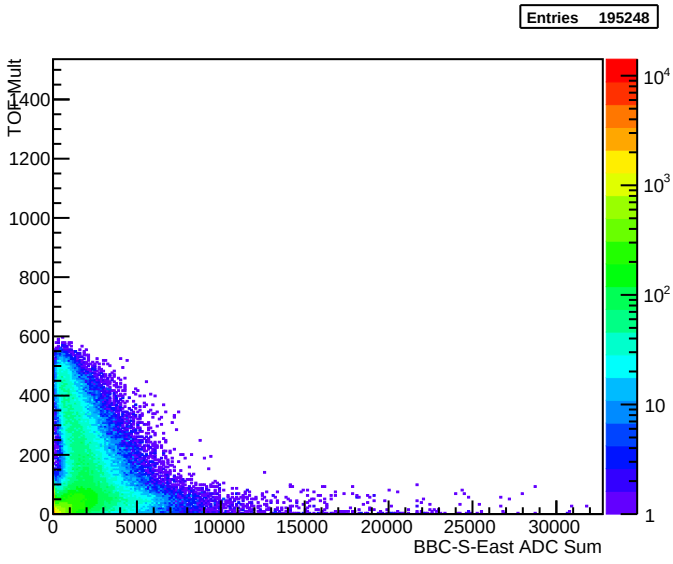

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

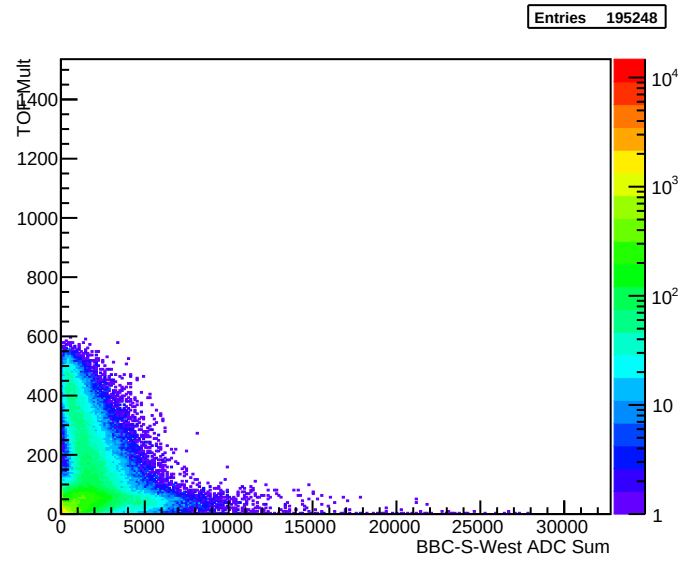

VT201 Input Ch4: VPD Tac Diff
Entries 195248
Tac

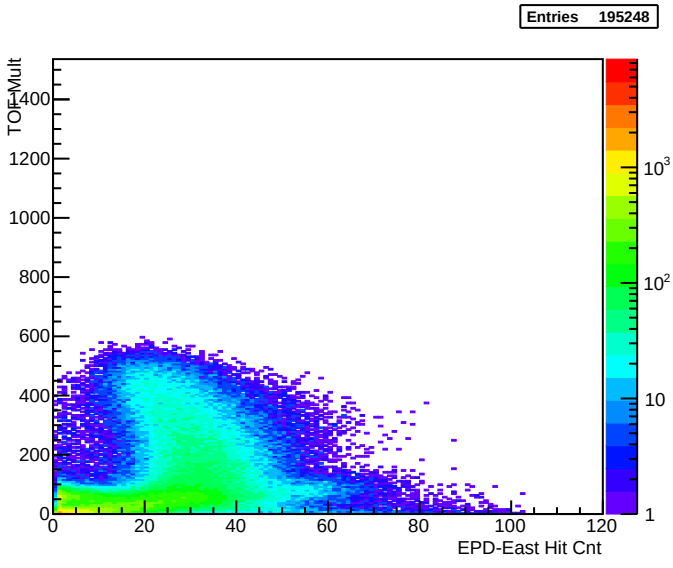

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

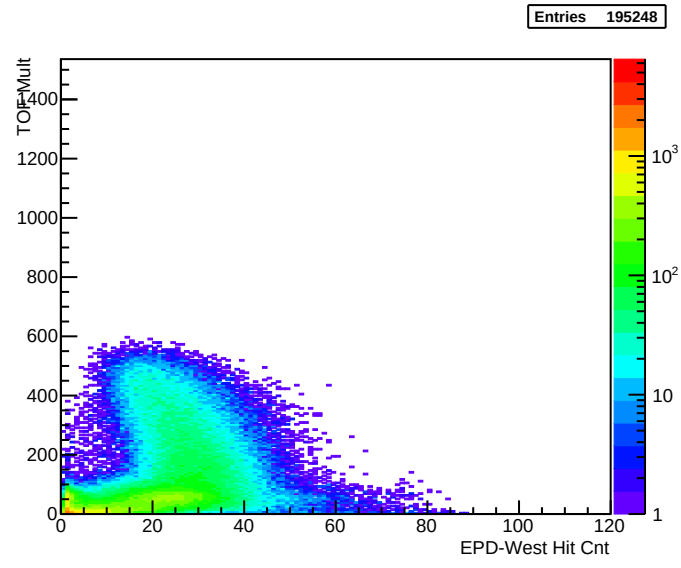

VT201 Input Ch4: VPD Adc Sum Th
Entries 390496
146871
153106
48377
42142
East
West

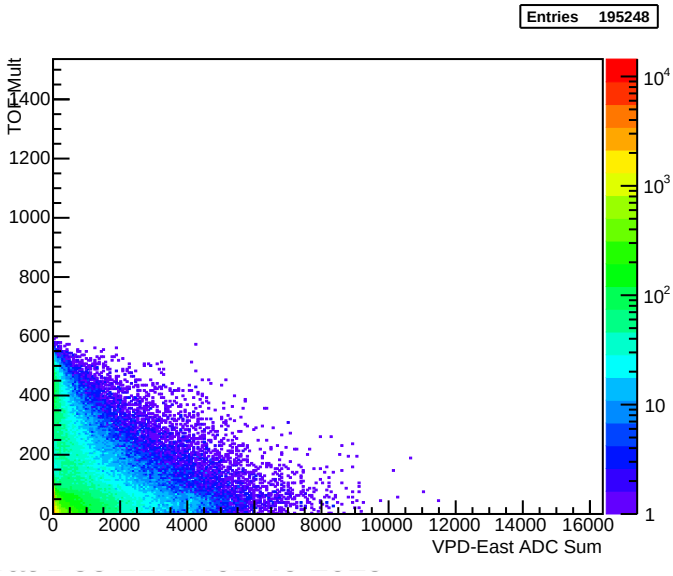

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

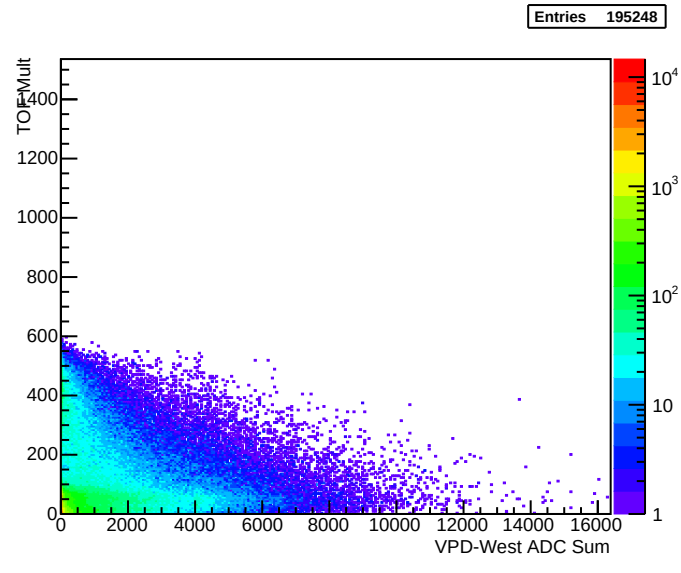

Entries 195248
TOF-Mult
BBC-S-East ADC Sum

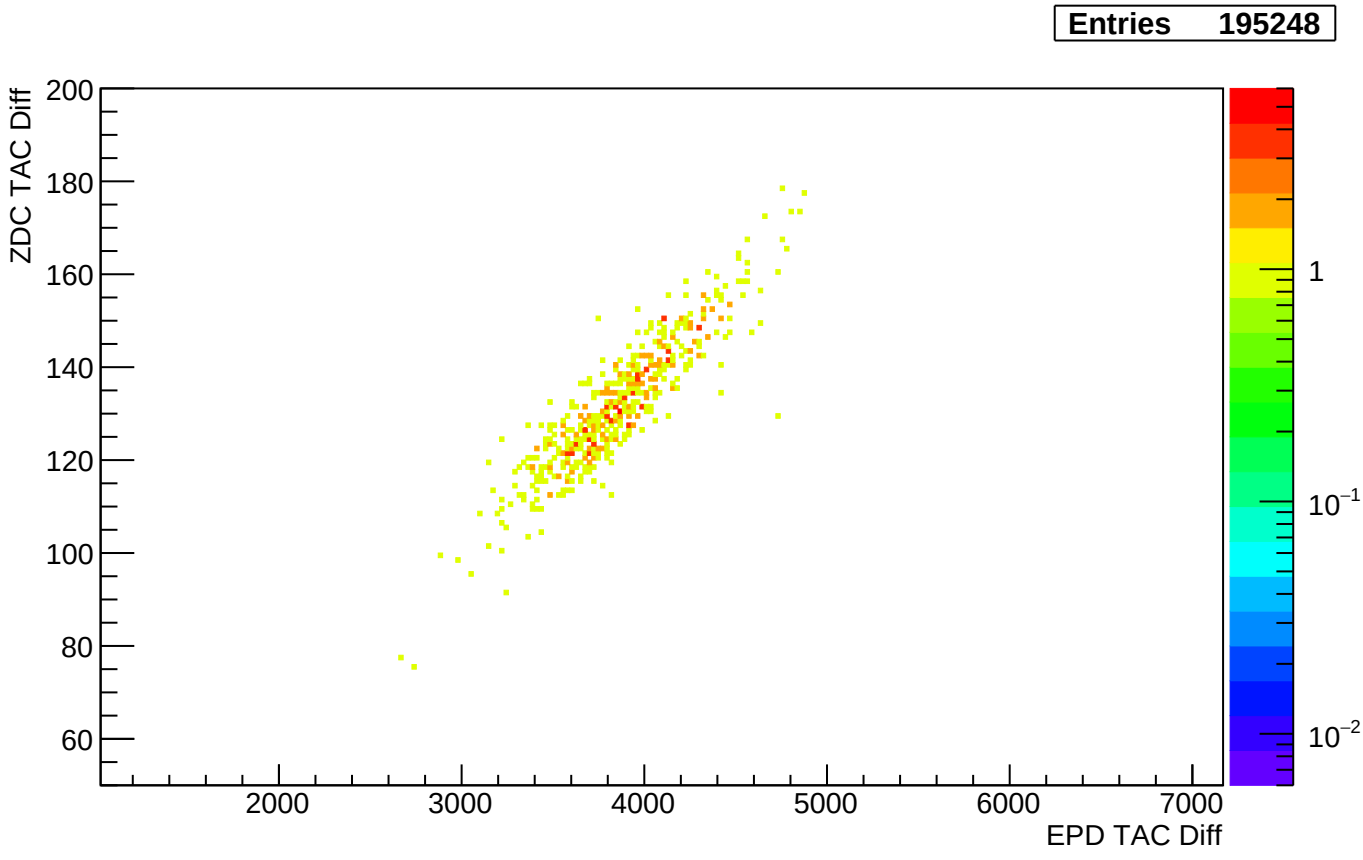

Entries 195248
TOF-Mult
BBC-S-West ADC Sum

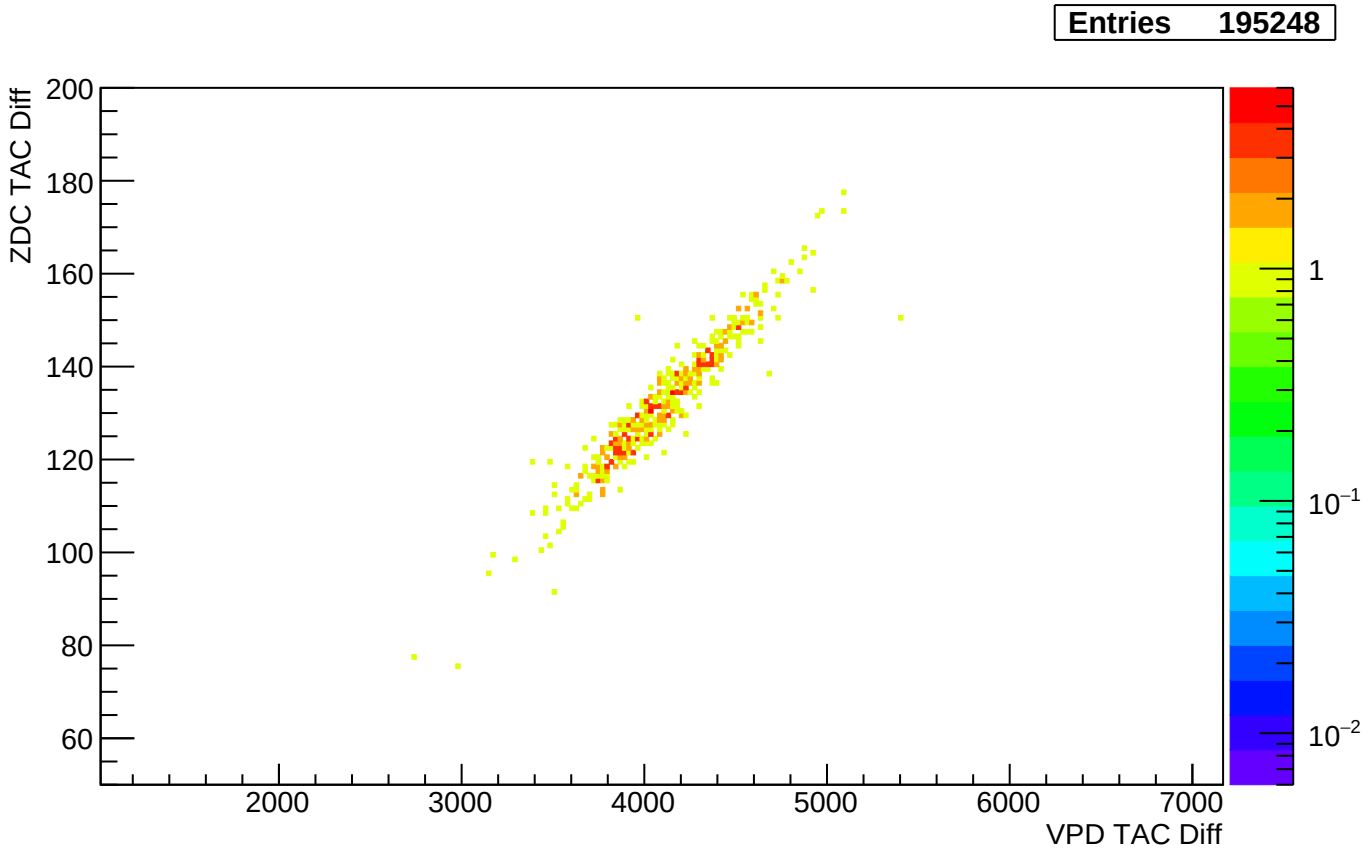

Entries 195248
TOF-Mult
EPD-East Hit Cnt

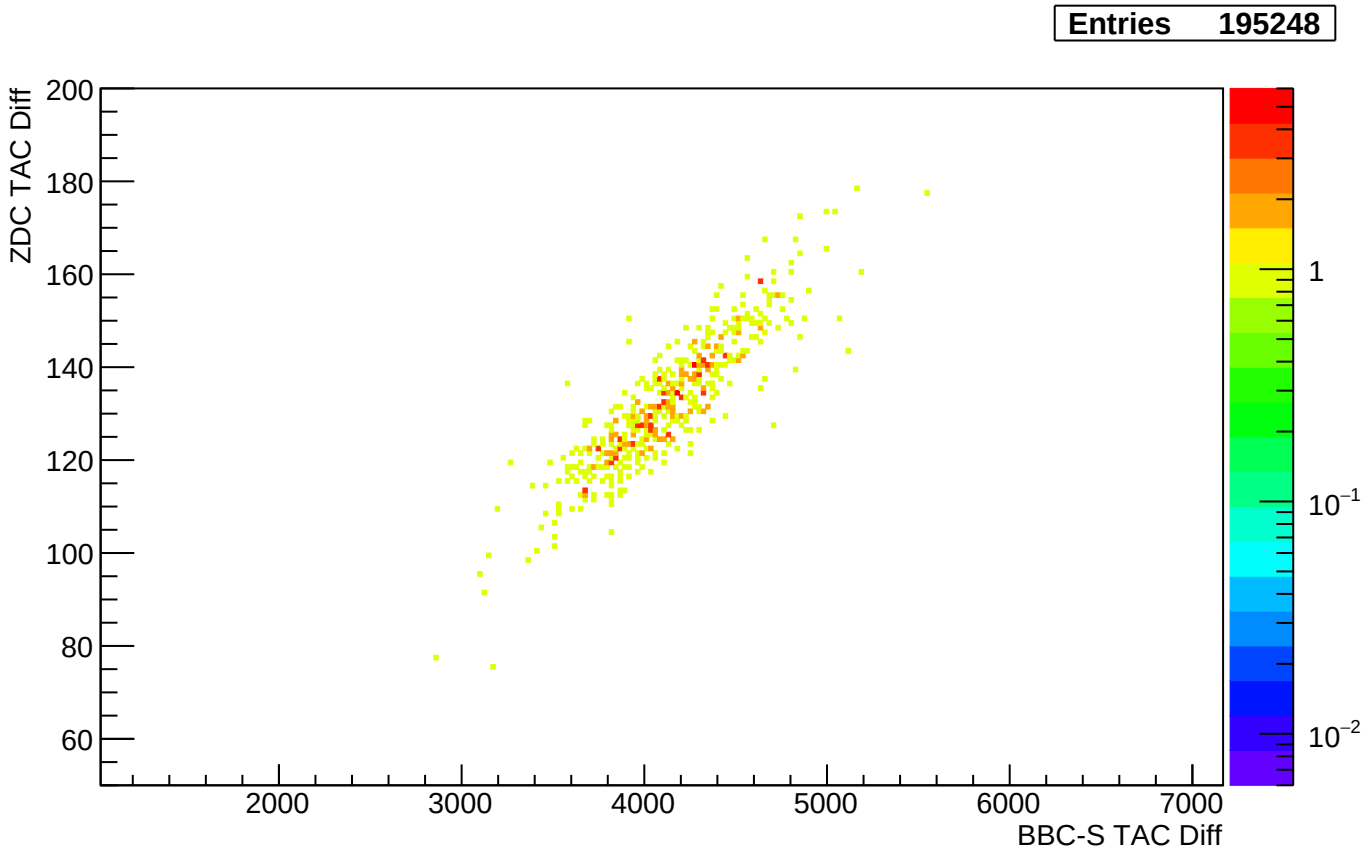

Entries 195248
TOF-Mult
EPD-West Hit Cnt

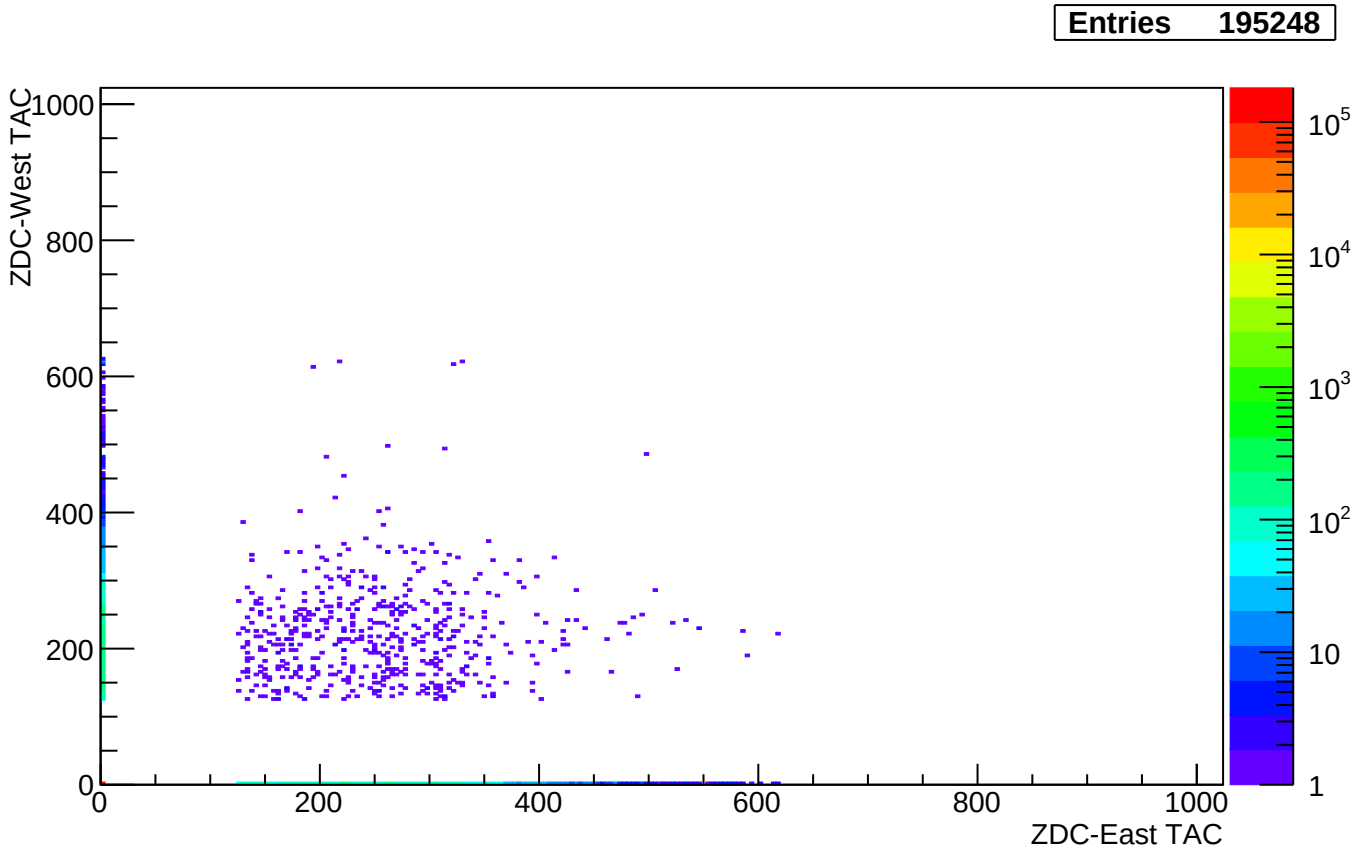

Entries 195248
TOF-Mult
VPD-East ADC Sum

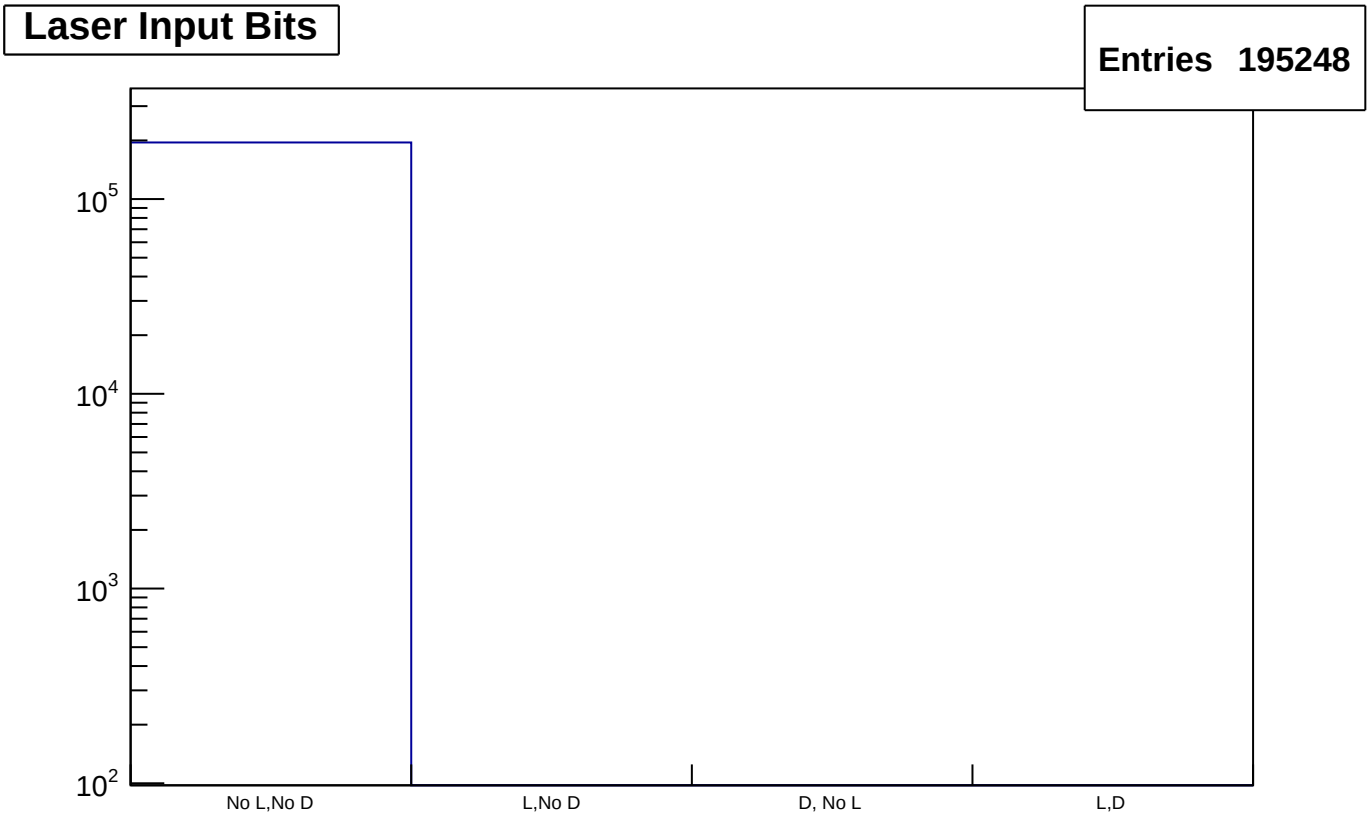

Entries 195248
TOF-Mult
VPD-West ADC Sum

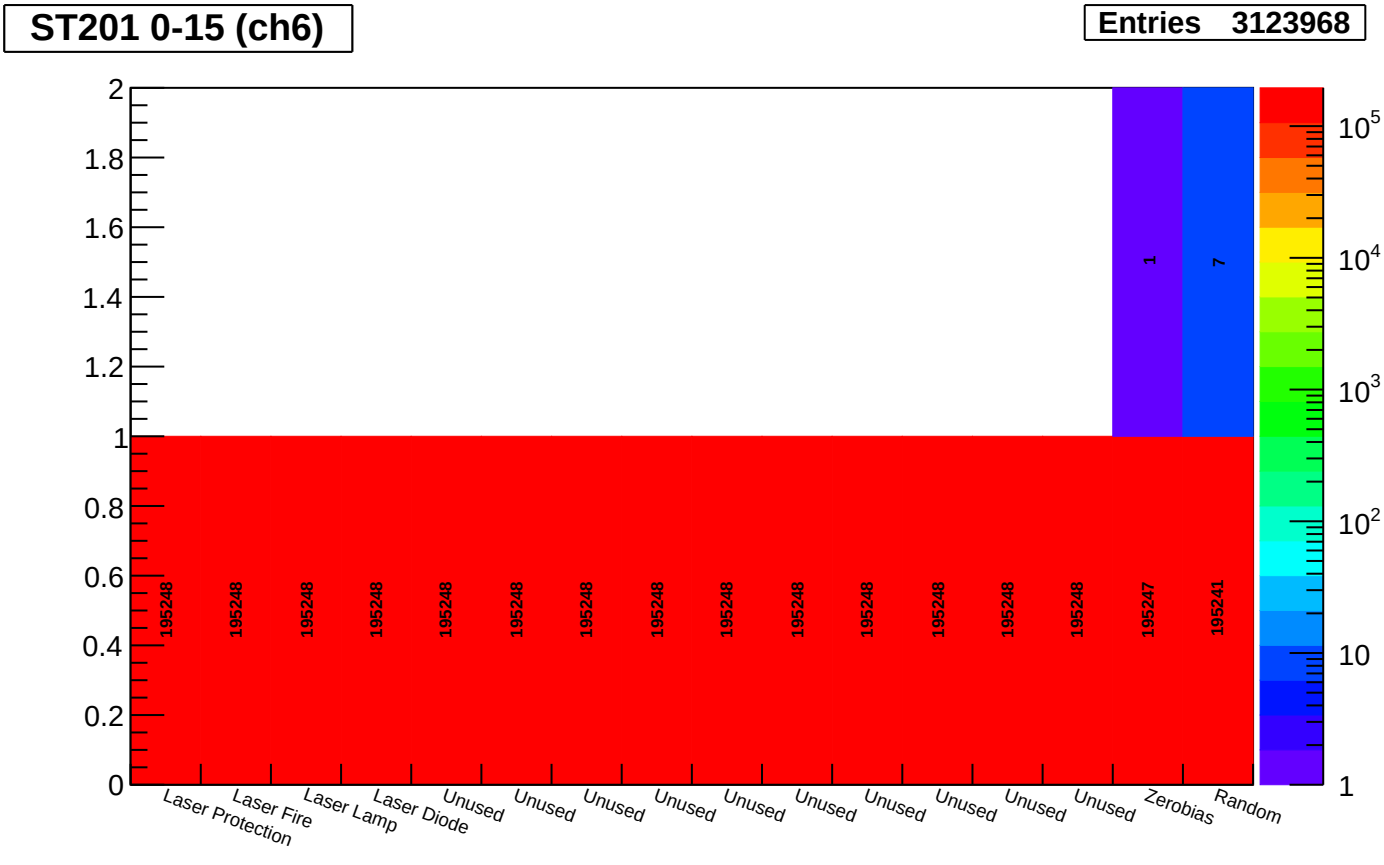

Entries 195248
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

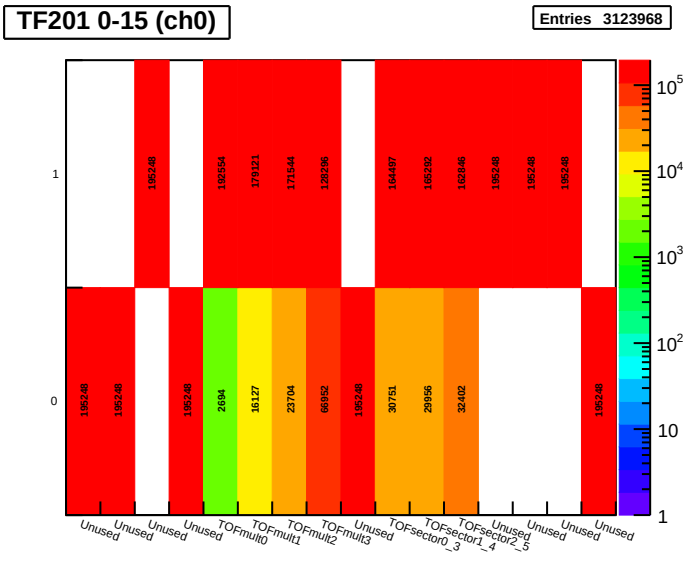

Entries 195248
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

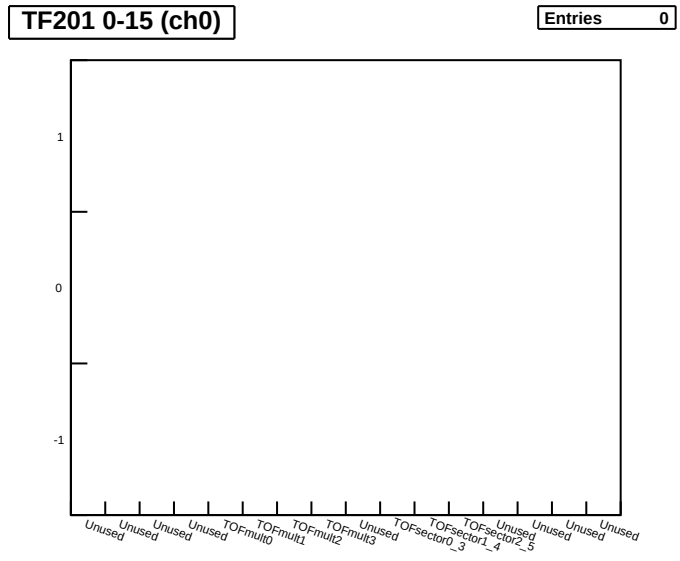

Entries 195248
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

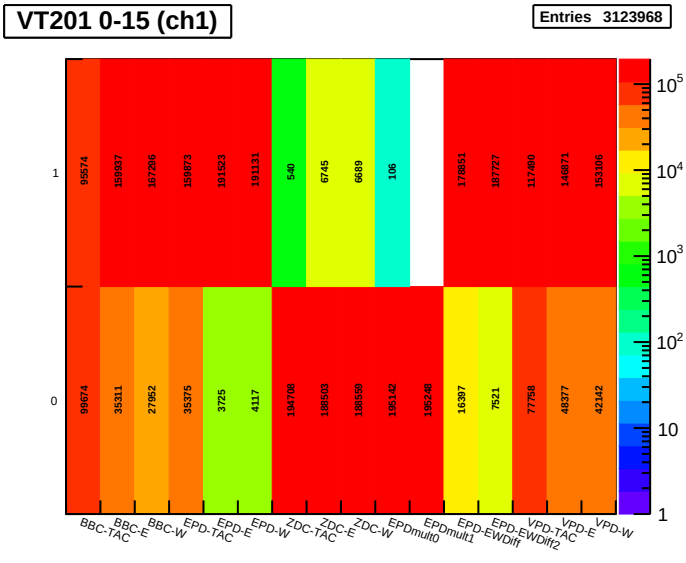

Entries 195248
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

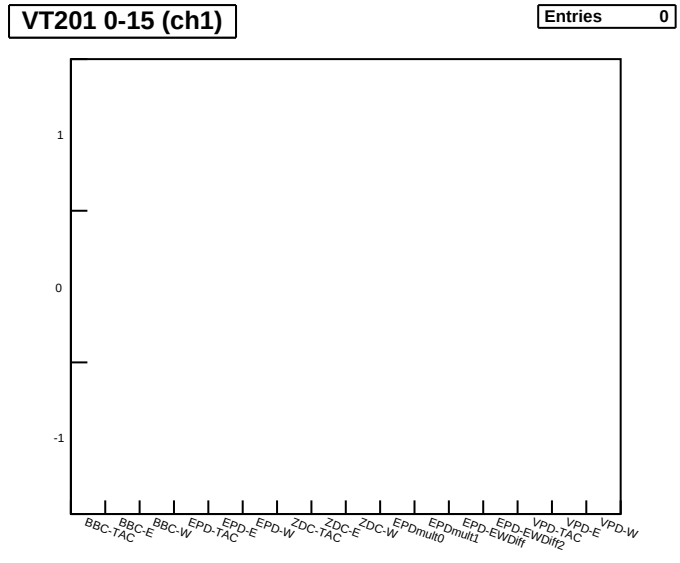

Laser Input Bits
Entries 195248
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

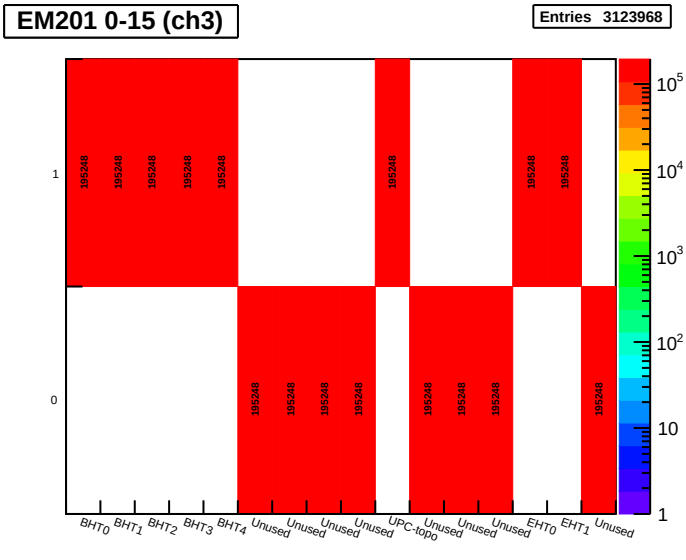

ST201 0-15 (ch6)
Entries 3123968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
195248
195248
195248
195248
195248
195248
195248
195248
195248
195248
195248
195248
195248
195248
195247
195241
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

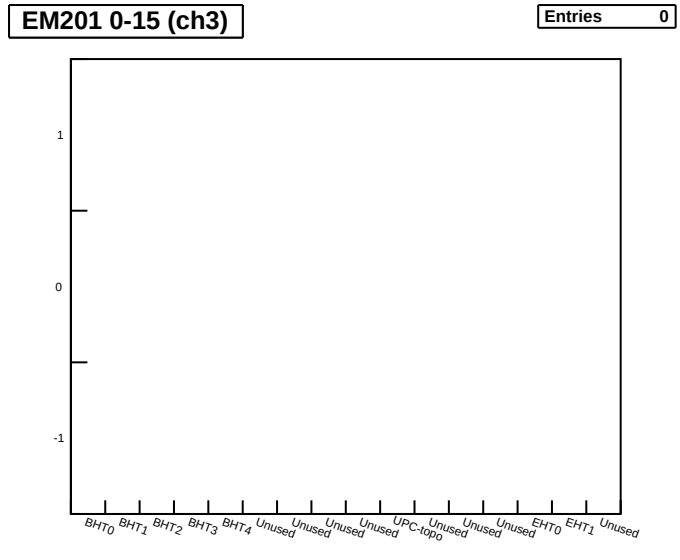

TF201 0-15 (ch0)
Entries 3123968
1
0
195248 195248 195248 2694 16127 23704 66952 195248 30751 29956 32402 195248
195248 179121 171544 128296 164497 165232 163946 195248 195248 195248
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 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 Unused


VT201 0-15 (ch1)
Entries 3123968
1
0
99674 35311 27952 35375 3725 4117 194708 188503 188559 195142 195248 16307 7521 77758 48377 42142
95574 159937 167296 159873 191523 191131 540 6745 6689 106 178851 187727 117490 146871 153106
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
10^5 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 3123968
1
0
195248 195248 195248 195248 195248 195248 195248 195248 195248
195248 195248 195248 195248 195248 195248 195248 195248
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 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