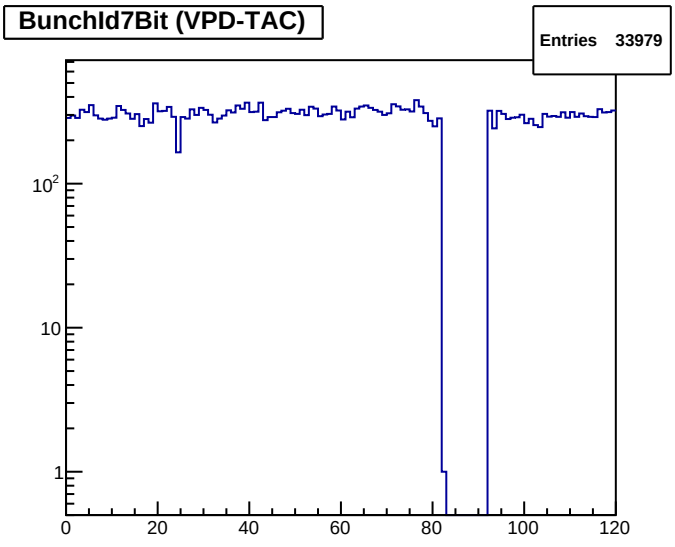
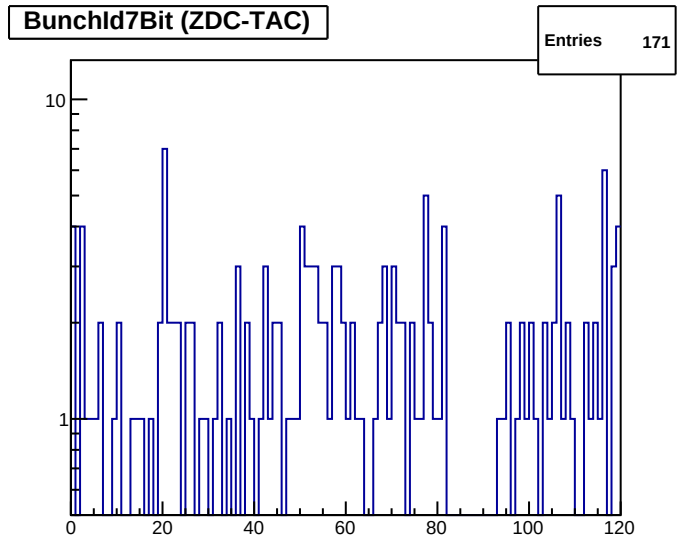
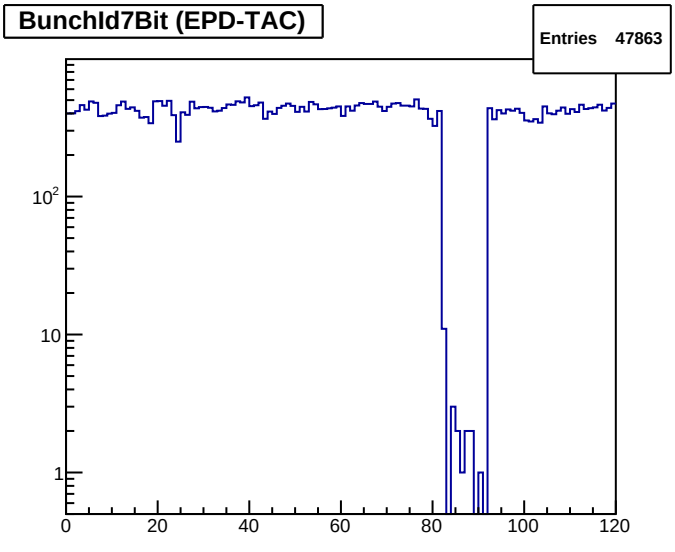
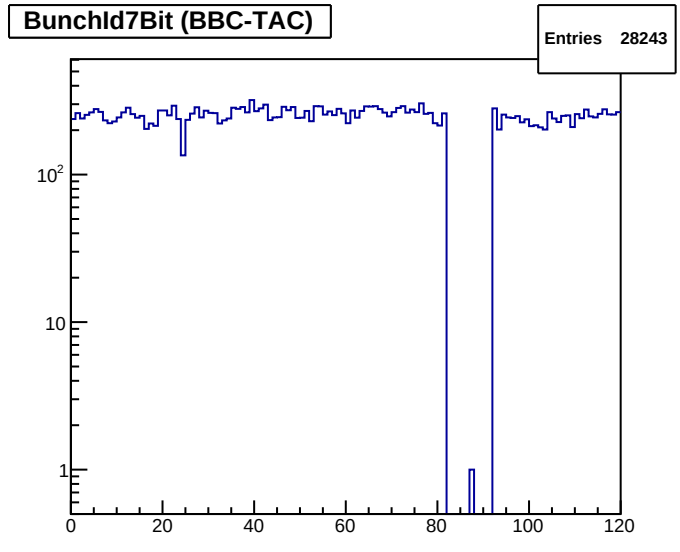
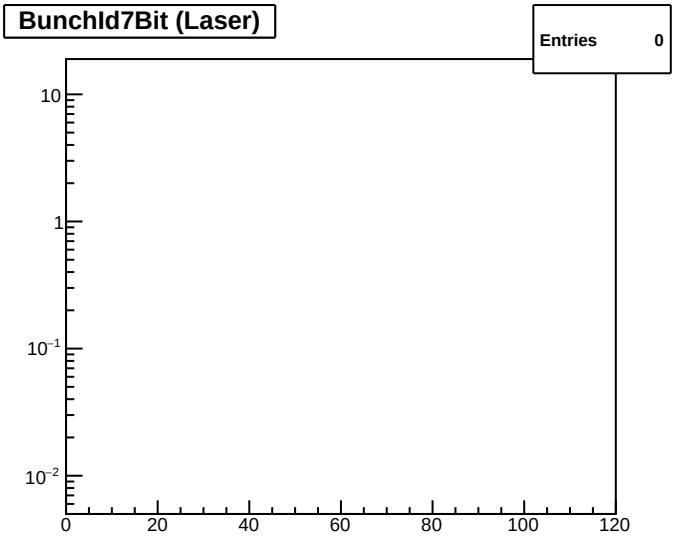
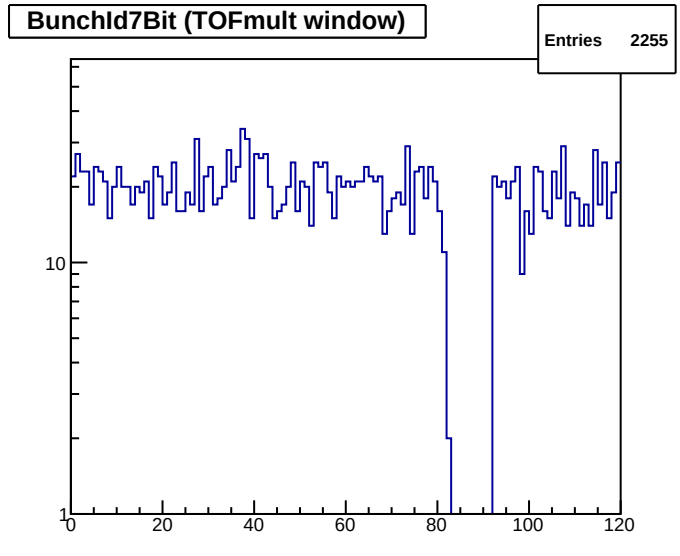

BunchId7Bit (VPD-TAC)
Entries 33979

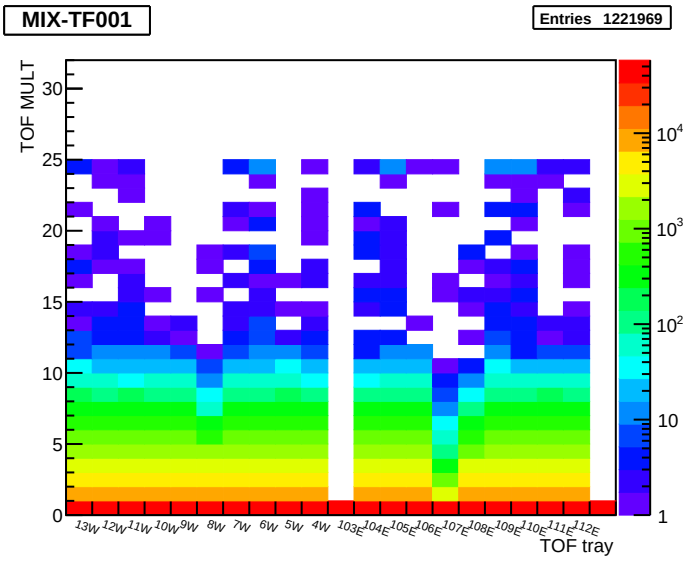

BunchId7Bit (ZDC-TAC)
Entries 171

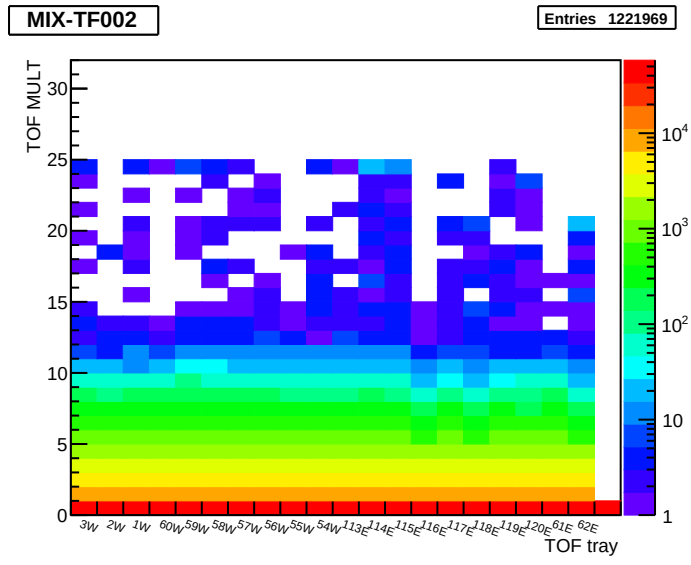

BunchId7Bit (EPD-TAC)
Entries 47863

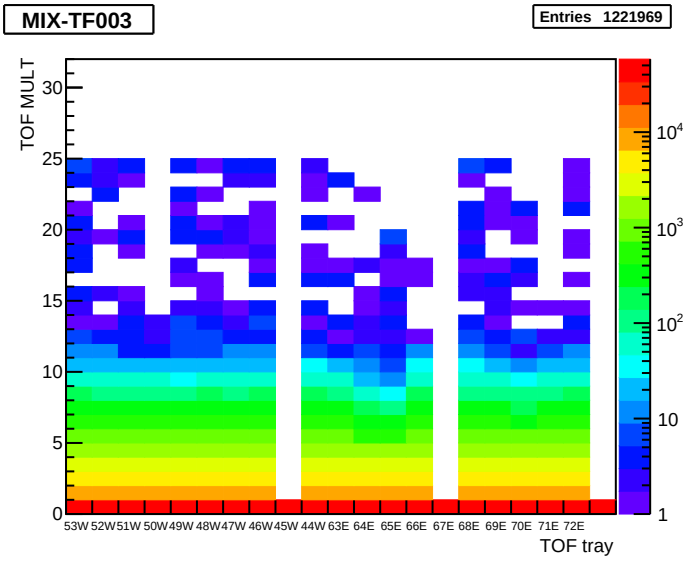

BunchId7Bit (BBC-TAC)
Entries 28243

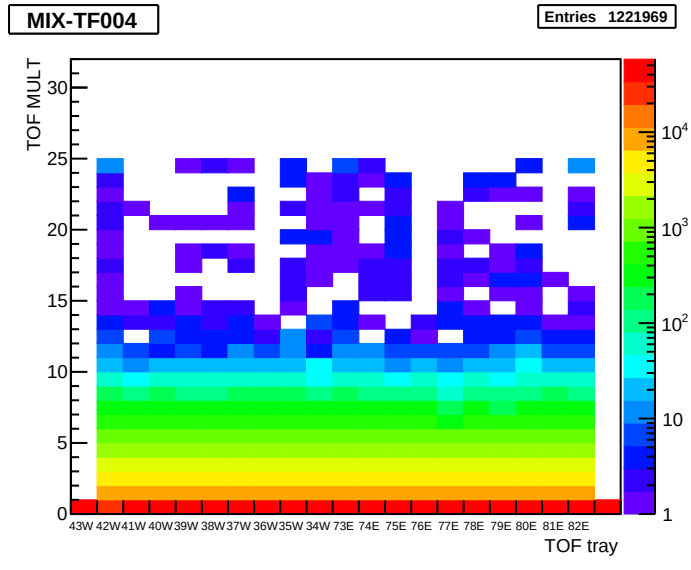

BunchId7Bit (Laser)
Entries 0

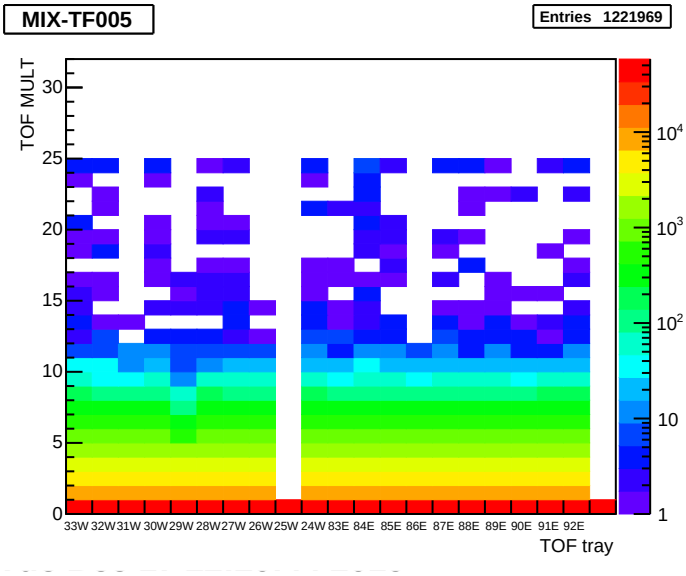

BunchId7Bit (TOFmult window)
Entries 2255

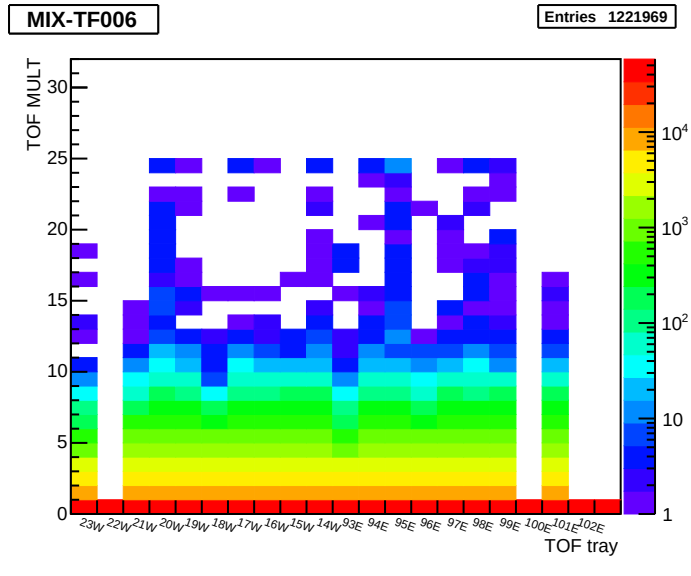

MIX-TF001
Entries 1221969
TOF MULT
TOF tray

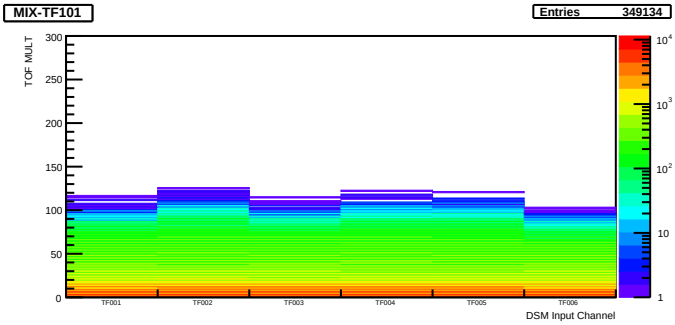

MIX-TF002
Entries 1221969
TOF MULT
TOF tray

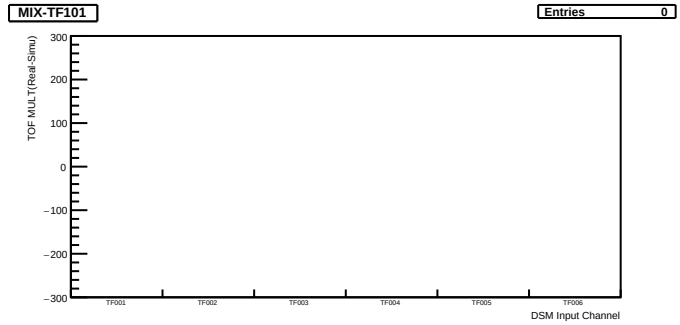

MIX-TF003
Entries 1221969
TOF MULT
TOF tray

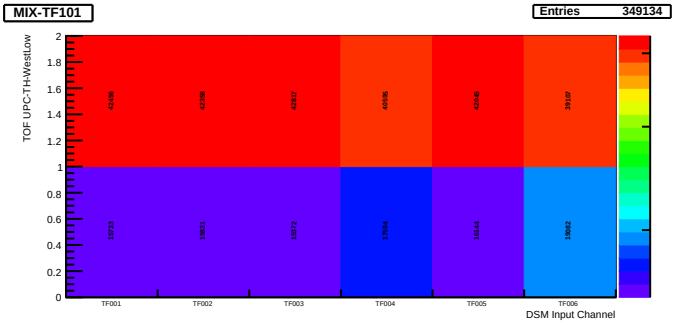

MIX-TF004
Entries 1221969
TOF MULT
TOF tray

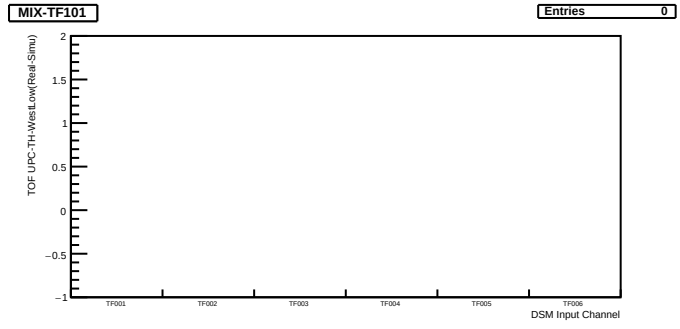

MIX-TF005
Entries 1221969
TOF MULT
TOF tray

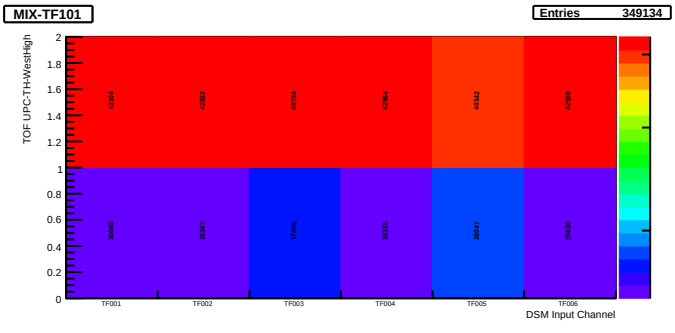

MIX-TF006
Entries 1221969
TOF MULT
TOF tray

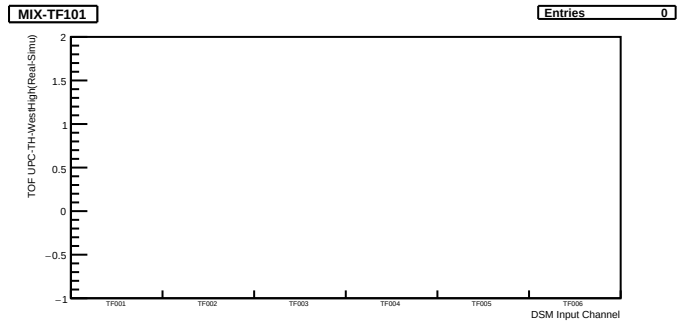

MIX-TF101
Entries 349134
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

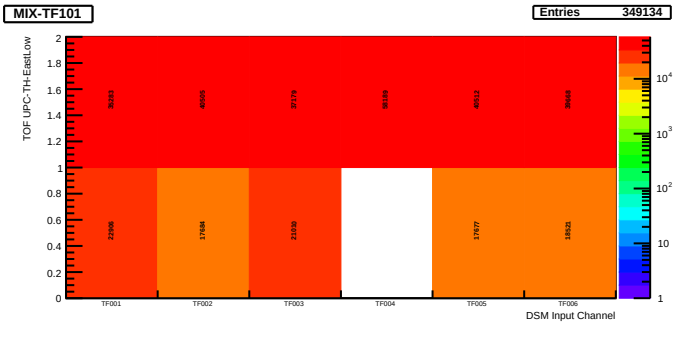

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

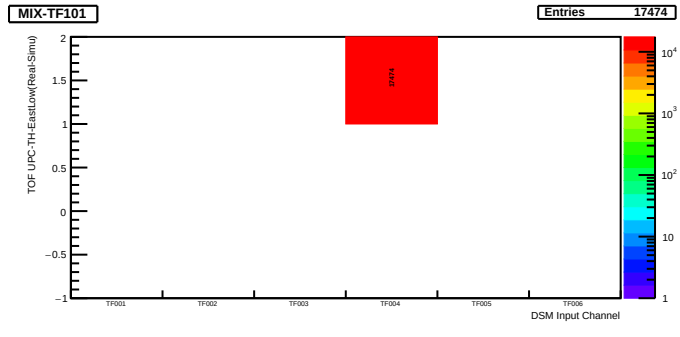

MIX-TF101
Entries 349134
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

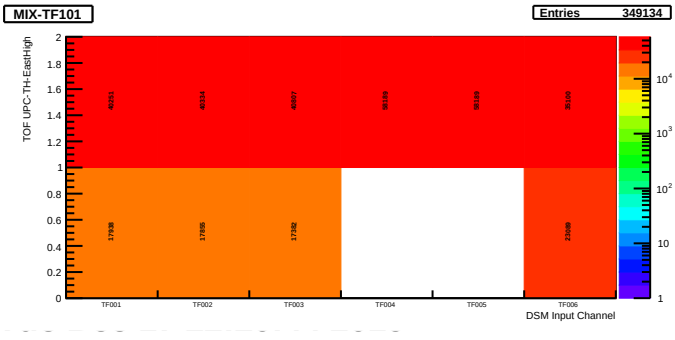

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

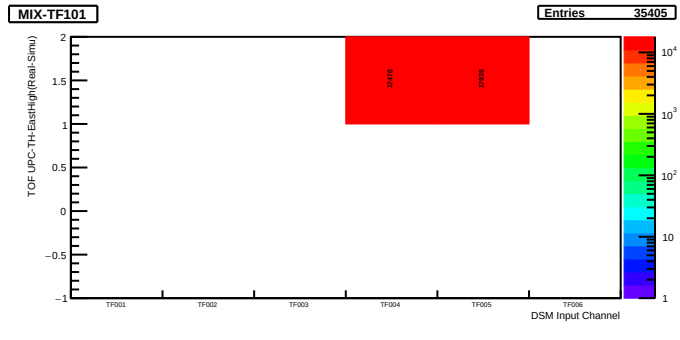

MIX-TF101
Entries 349134
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

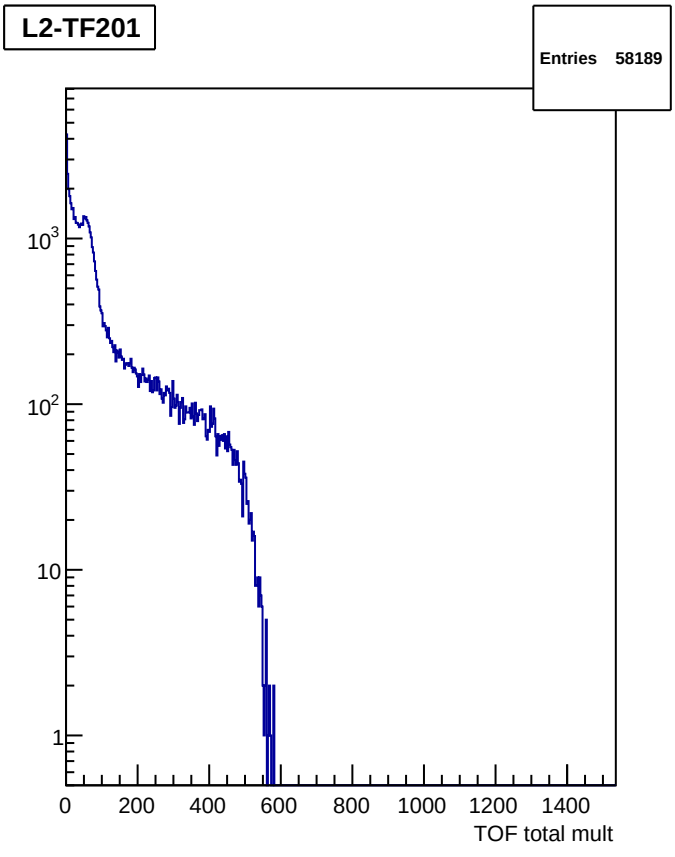

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

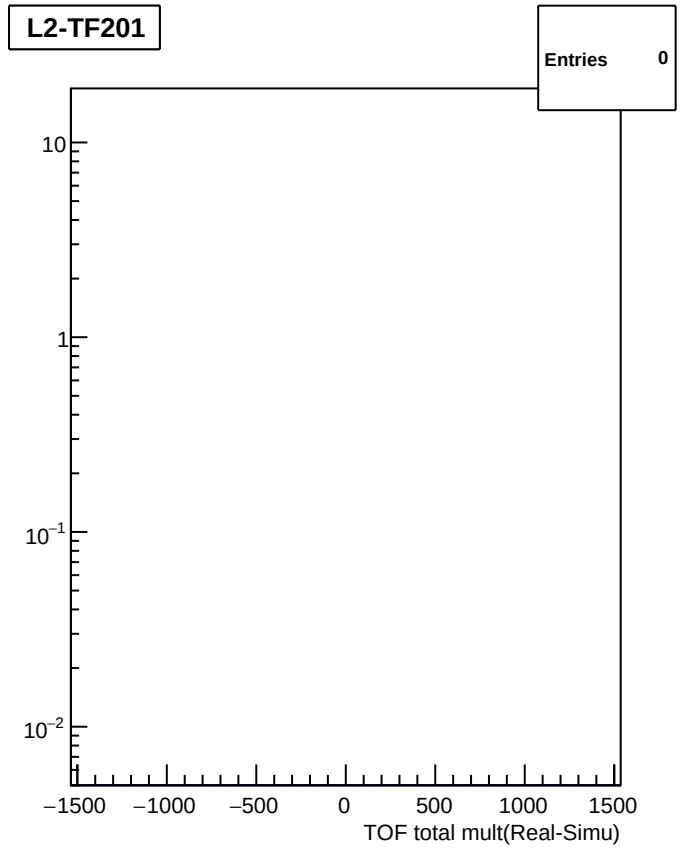

MIX-TF101
Entries 349134
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

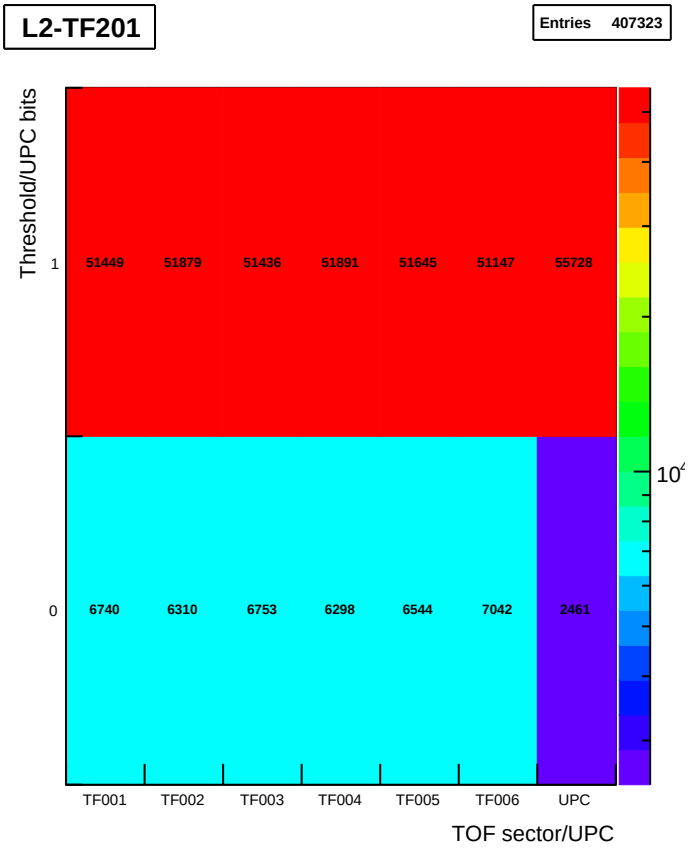

MIX-TF101
Entries 17474
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

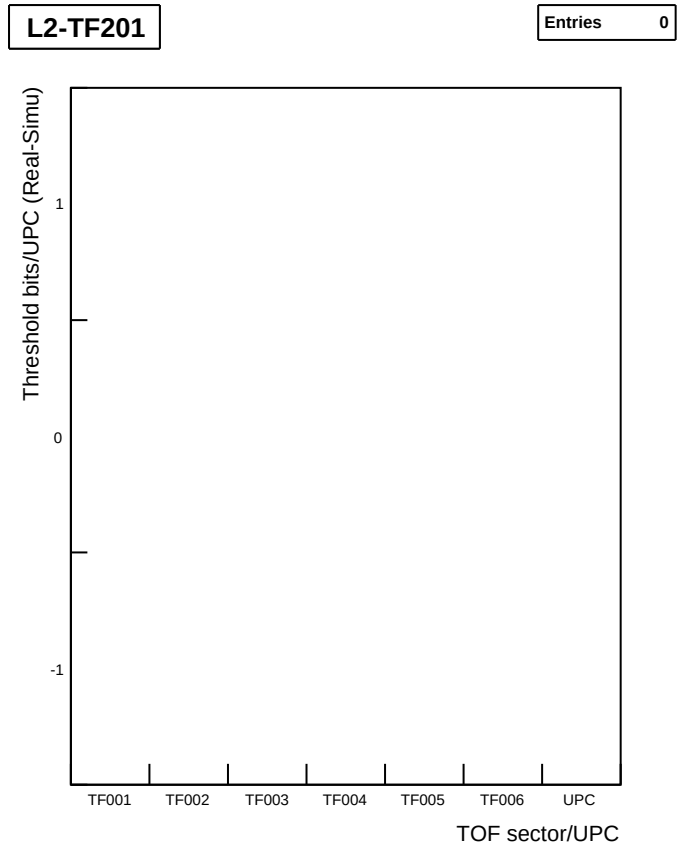

MIX-TF101
Entries 349134
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

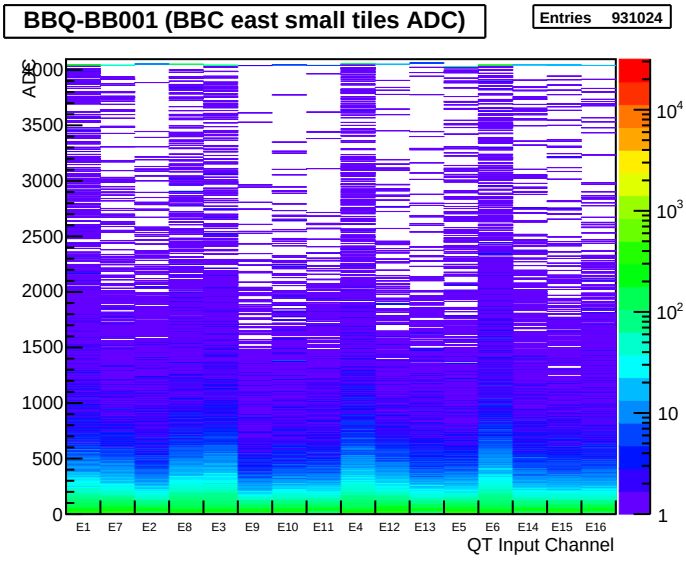

MIX-TF101
Entries 35405
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

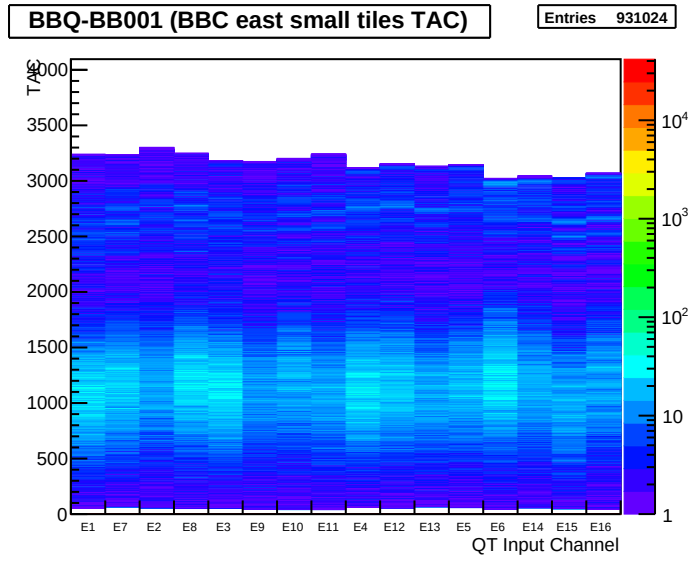

L2-TF201
Entries 58189
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

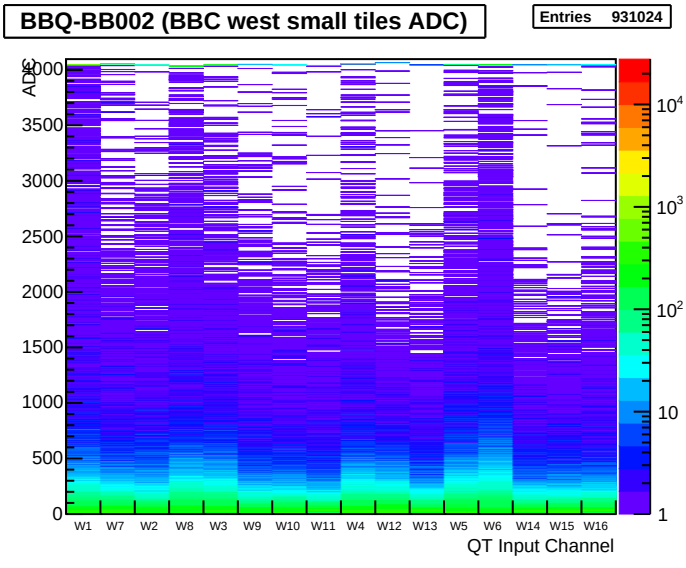

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

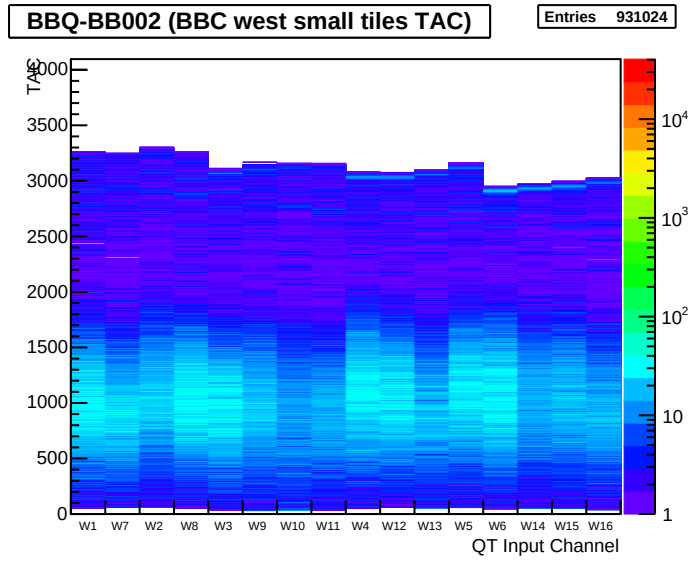

L2-TF201
Entries 407323
Threshold/UPC bits
1
0
51449
51879
51436
51891
51645
51147
55728
6740
6310
6753
6298
6544
7042
2461
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

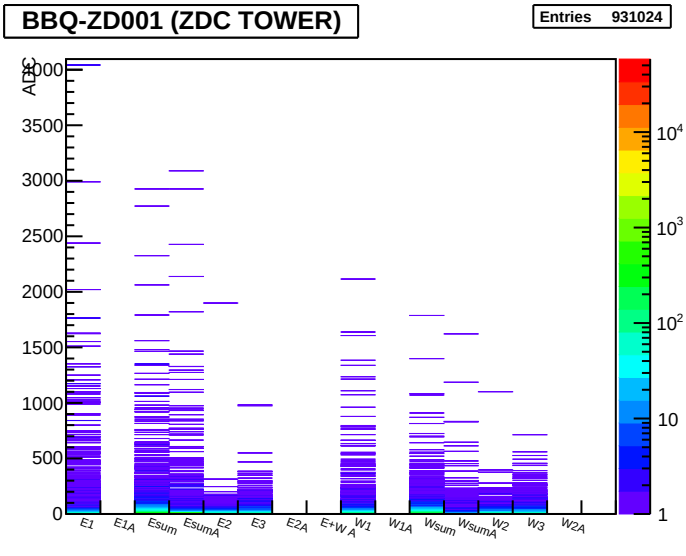

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

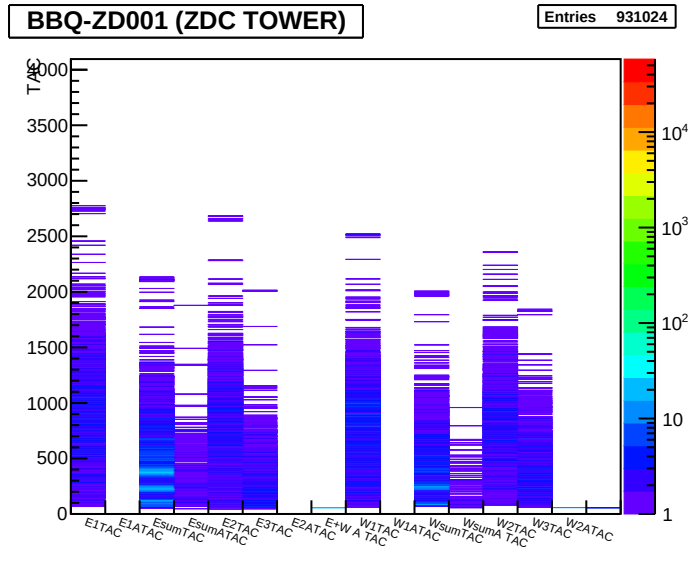

BBQ-BB001 (BBC east small tiles ADC)
Entries 931024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

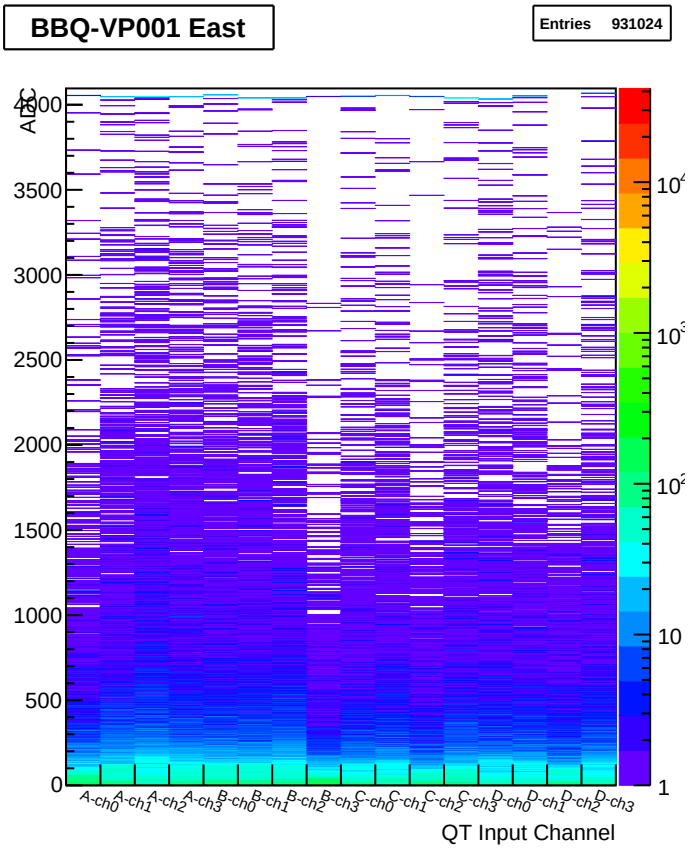

BBQ-BB001 (BBC east small tiles TAC)
Entries 931024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

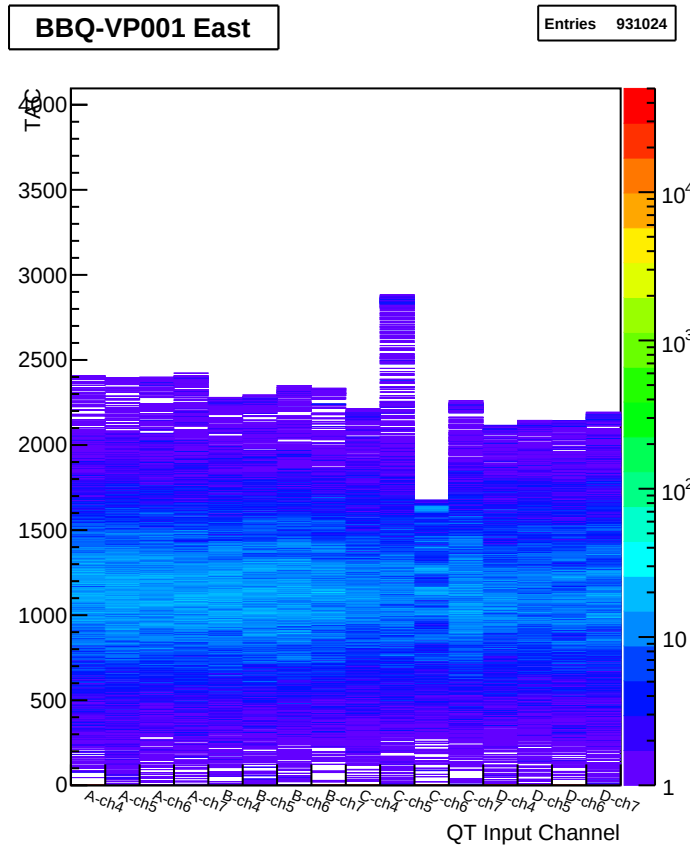

BBQ-BB002 (BBC west small tiles ADC)
Entries 931024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

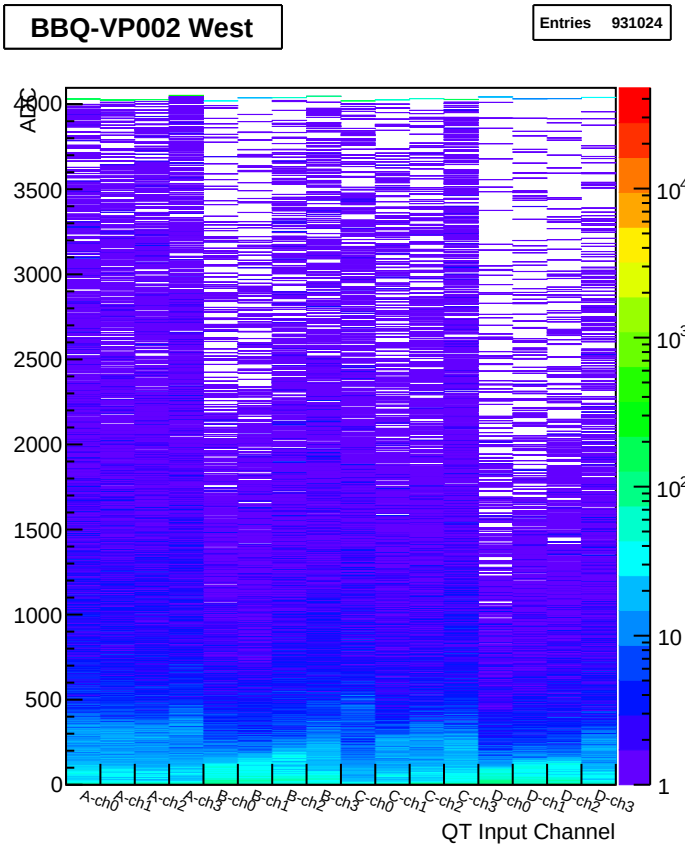

BBQ-BB002 (BBC west small tiles TAC)
Entries 931024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

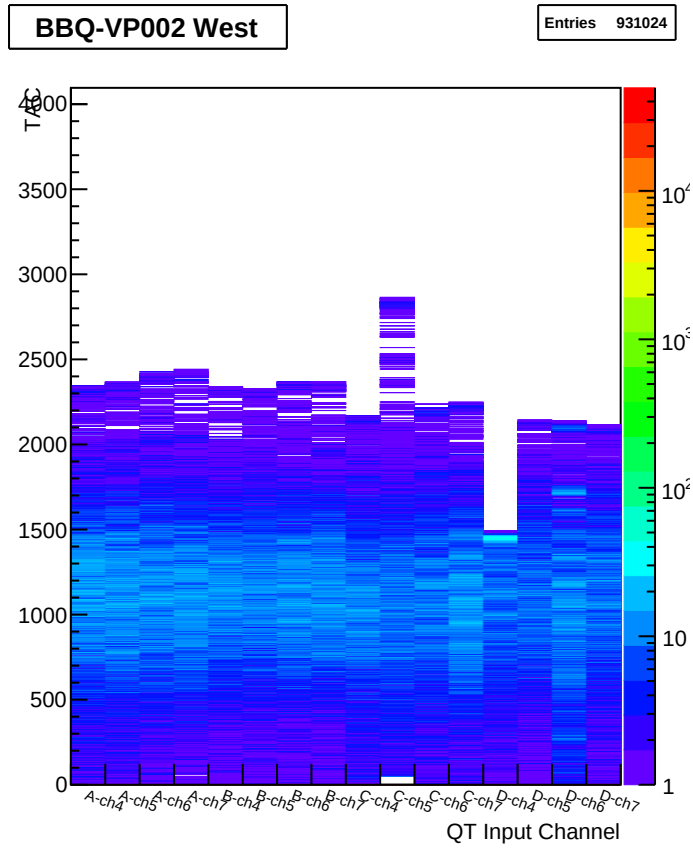

BBQ-ZD001 (ZDC TOWER)
Entries 931024
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

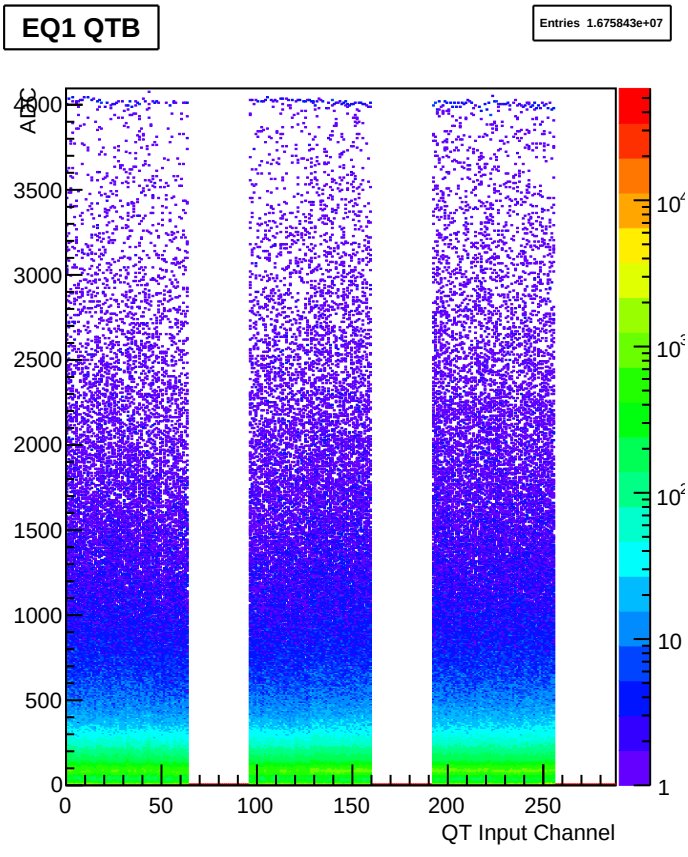

BBQ-ZD001 (ZDC TOWER)
Entries 931024
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

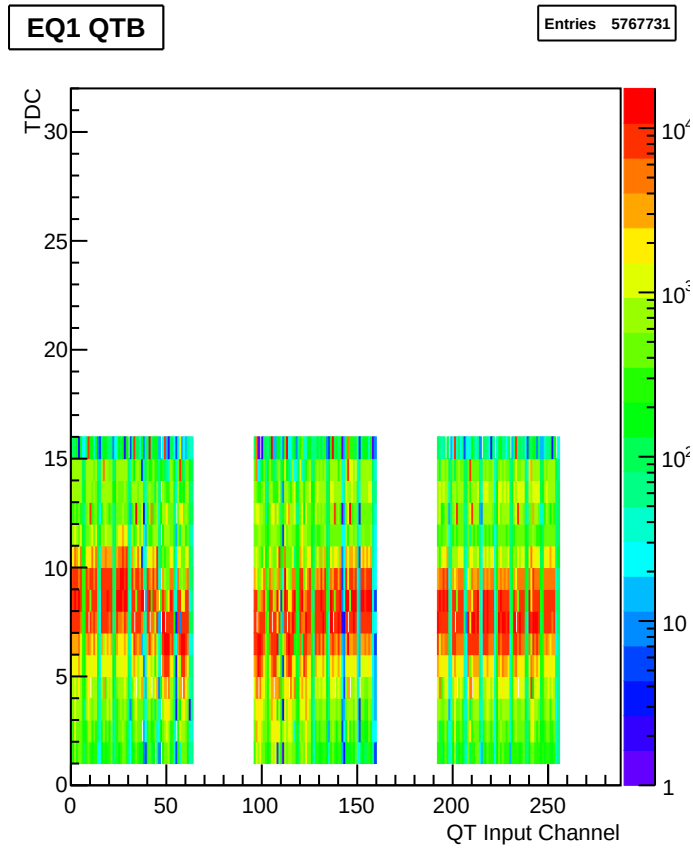

BBQ-VP001 East
Entries 931024
ADC
QT Input Channel

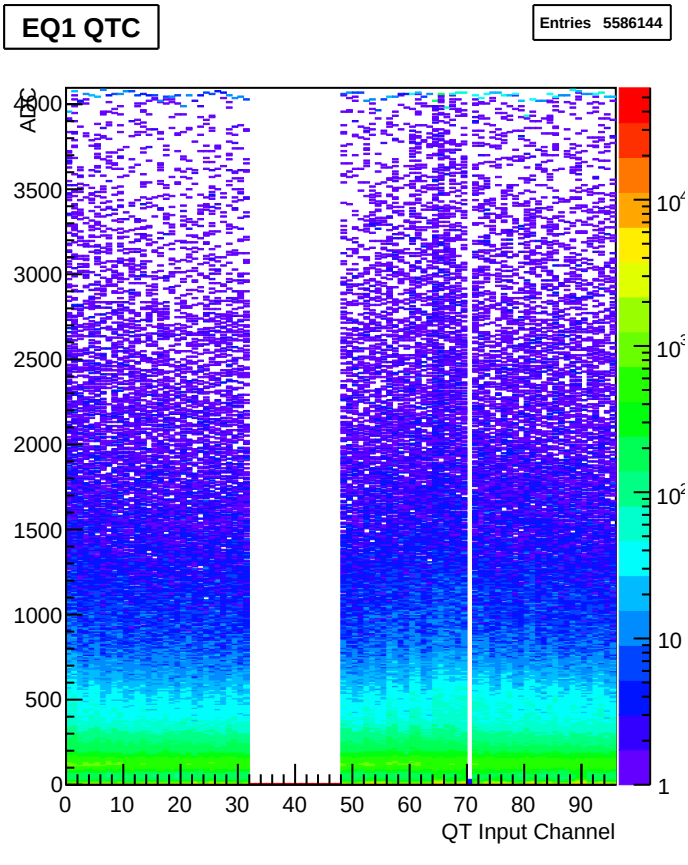

BBQ-VP001 East
Entries 931024
TADC
QT Input Channel

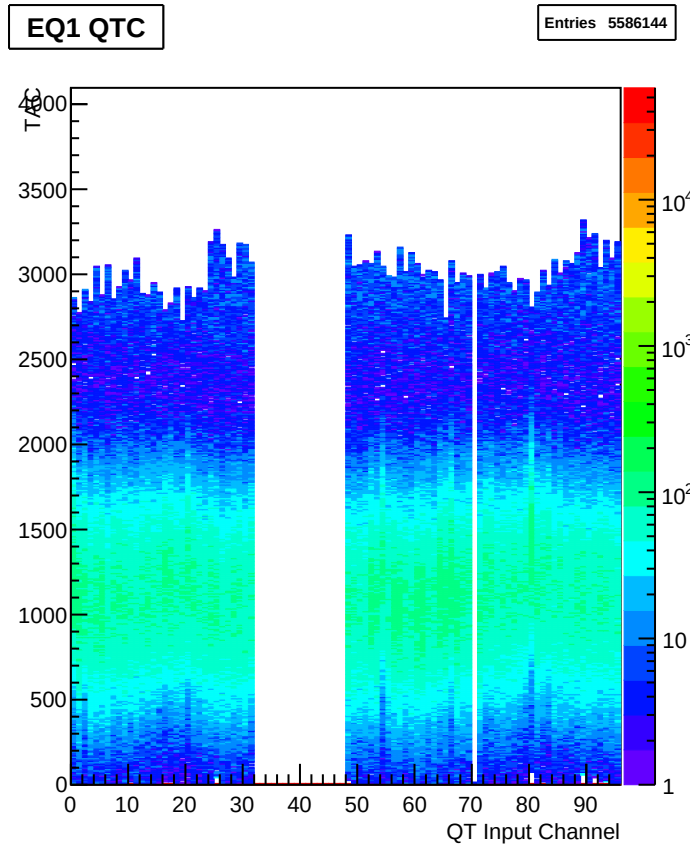

BBQ-VP002 West
Entries 931024
ADC
QT Input Channel

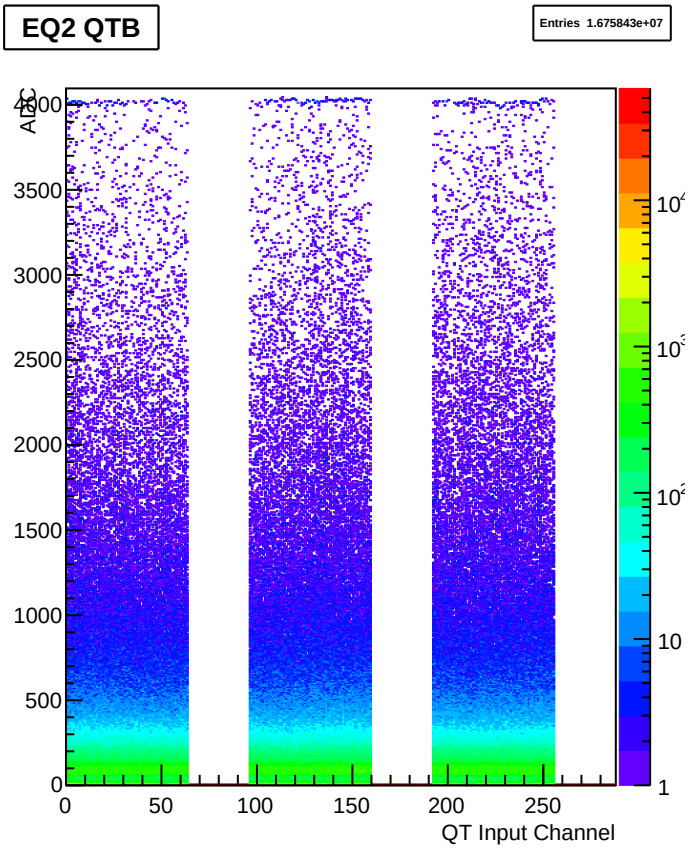

BBQ-VP002 West
Entries 931024
TADC
QT Input Channel

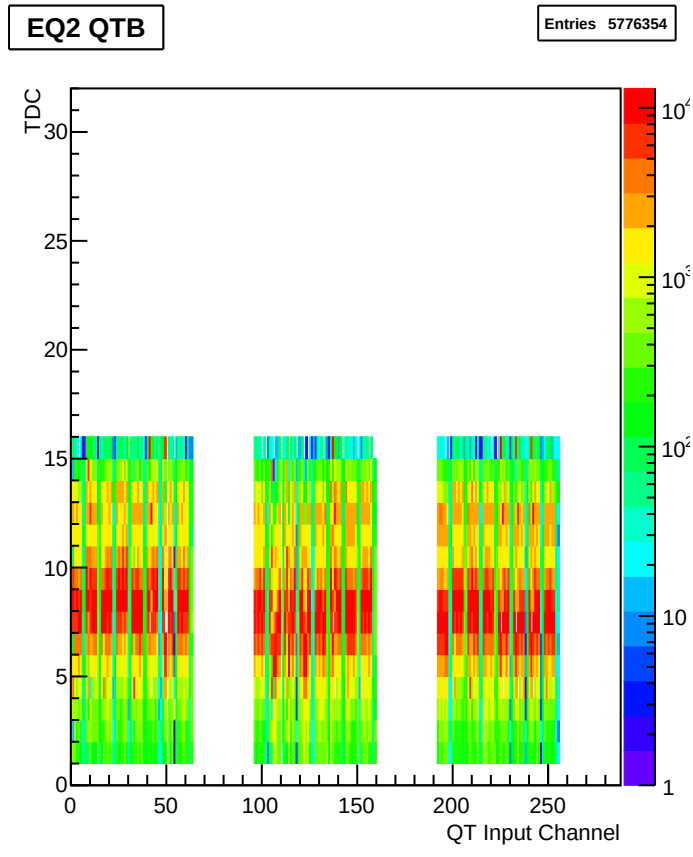

EQ1 QTB
Entries 1.675843e+07
ADC
QT Input Channel

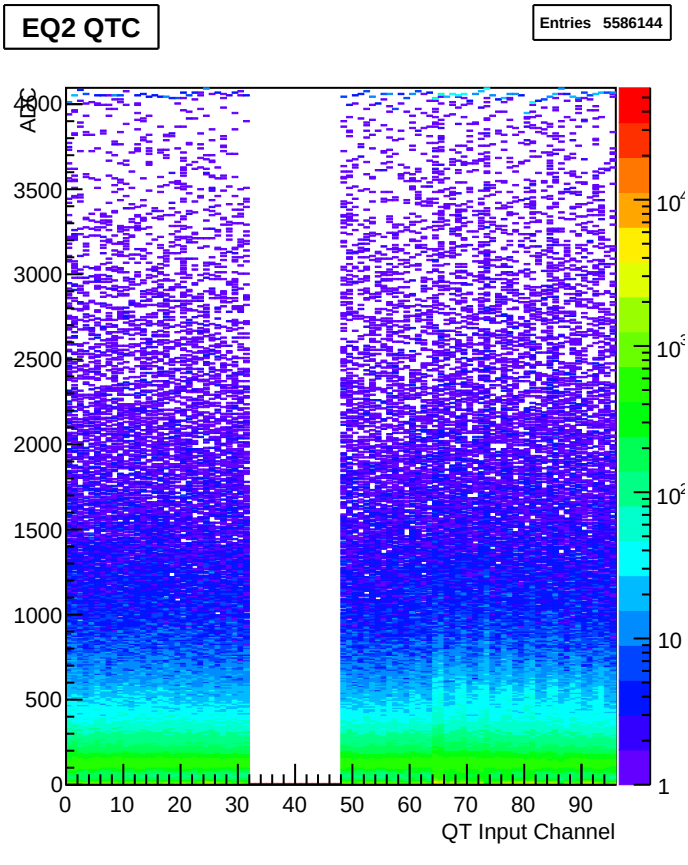

EQ1 QTB
Entries 5767731
TDC
QT Input Channel

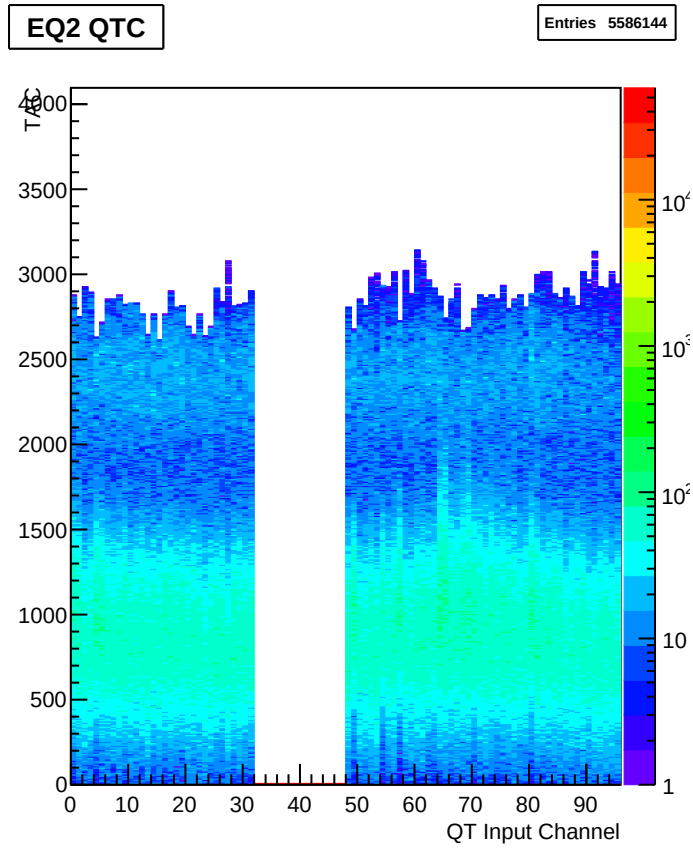

EQ1 QTC
Entries 5586144
ADC
QT Input Channel

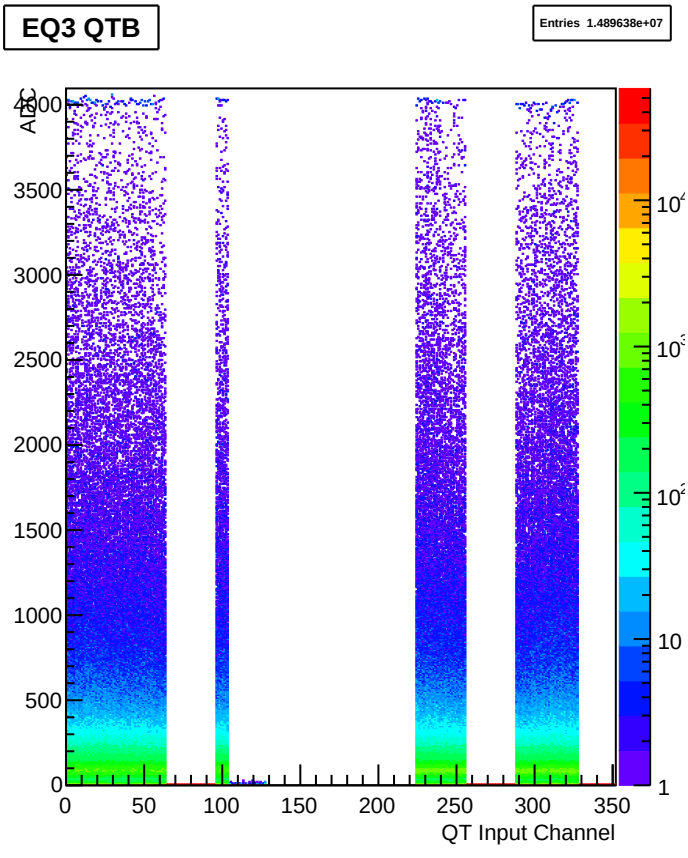

EQ1 QTC
Entries 5586144
TADC
QT Input Channel

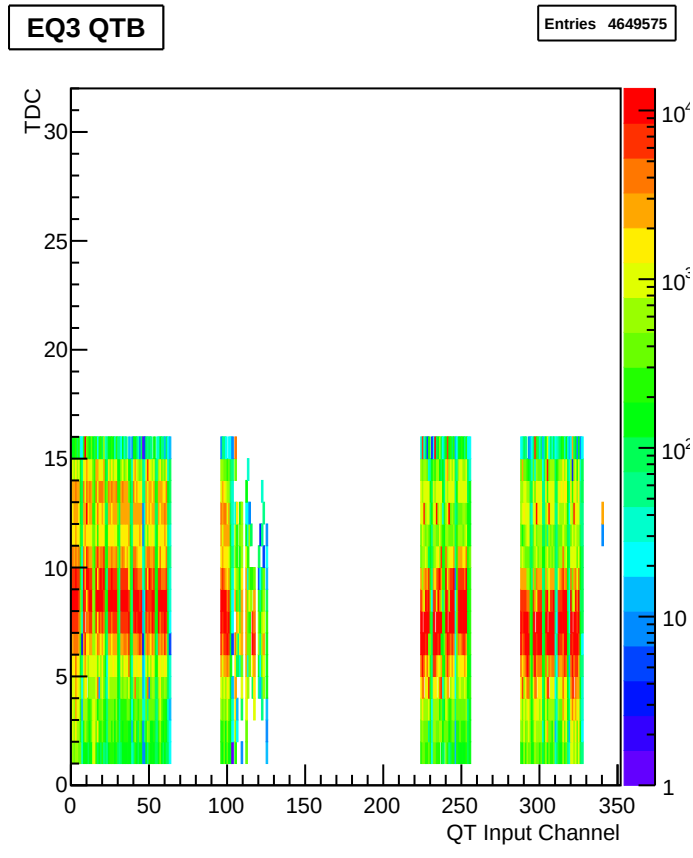

EQ2 QTB
Entries 1.675843e+07
ADC
QT Input Channel

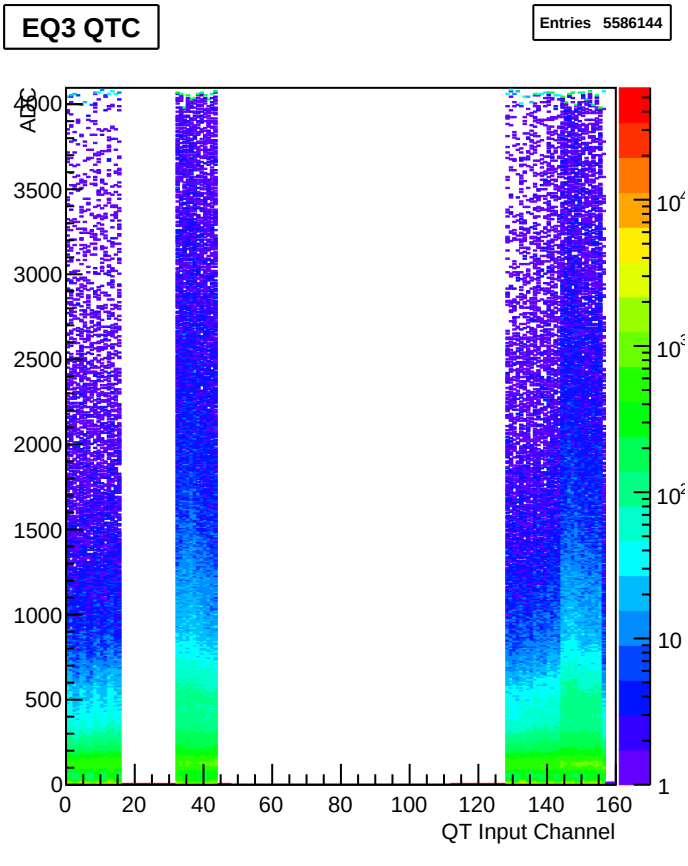

EQ2 QTB
Entries 5776354
TDC
QT Input Channel

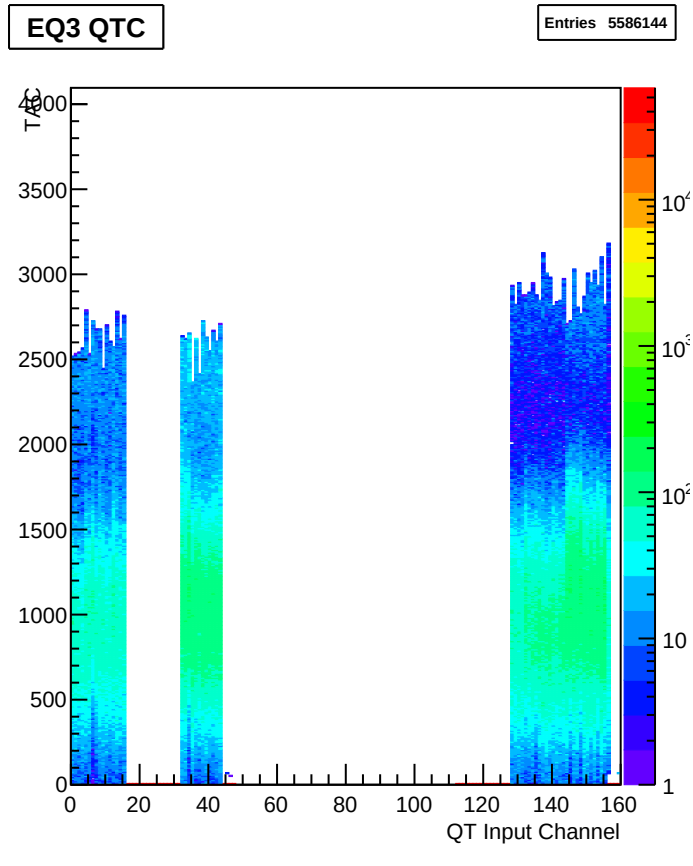

EQ2 QTC
Entries 5586144
ADC
QT Input Channel

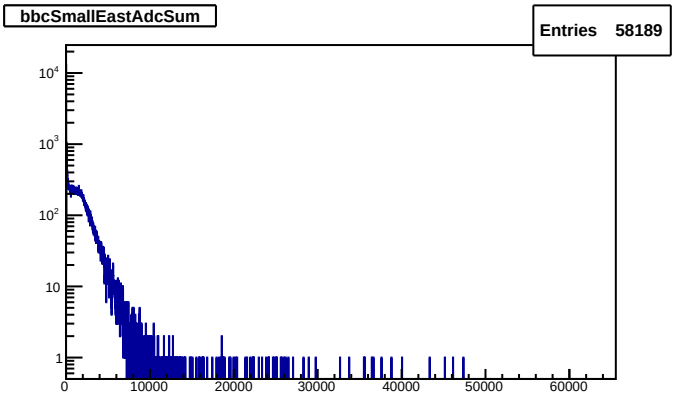

EQ2 QTC
Entries 5586144
TADC
QT Input Channel

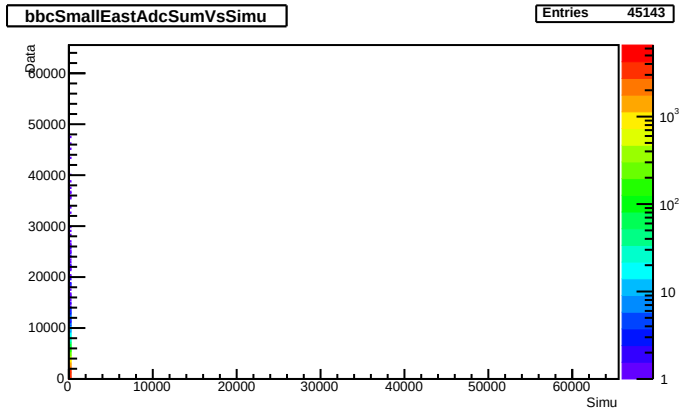

EQ3 QTB
Entries 1.489638e+07
ADC
QT Input Channel

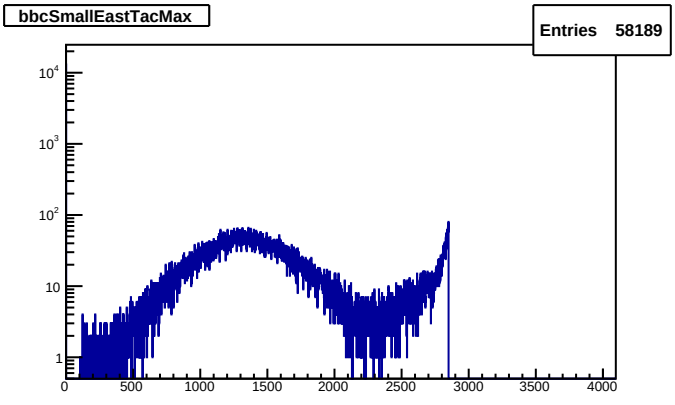

EQ3 QTB
Entries 4649575
TDC
QT Input Channel

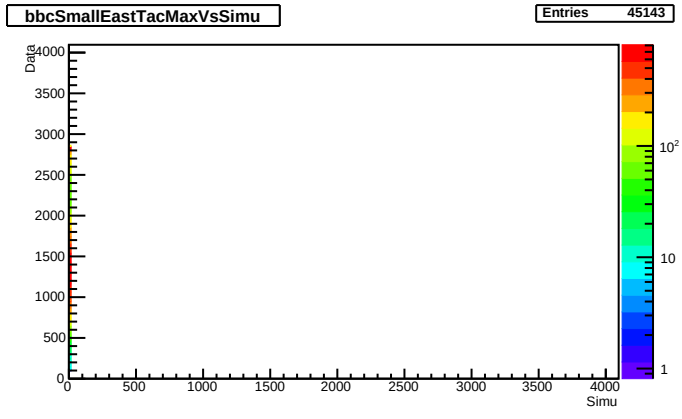

EQ3 QTC
Entries 5586144
ADC
QT Input Channel

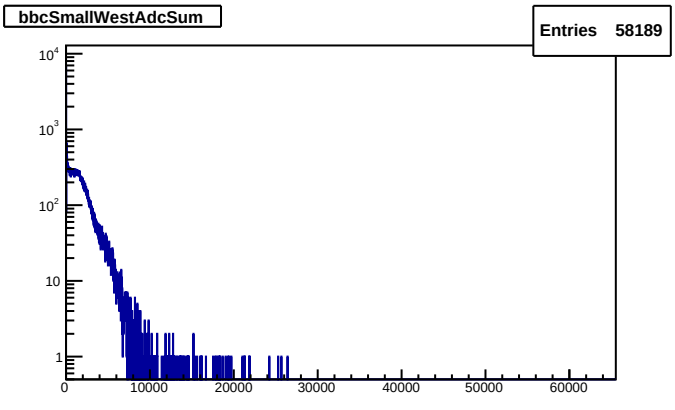

EQ3 QTC
Entries 5586144
TADC
QT Input Channel

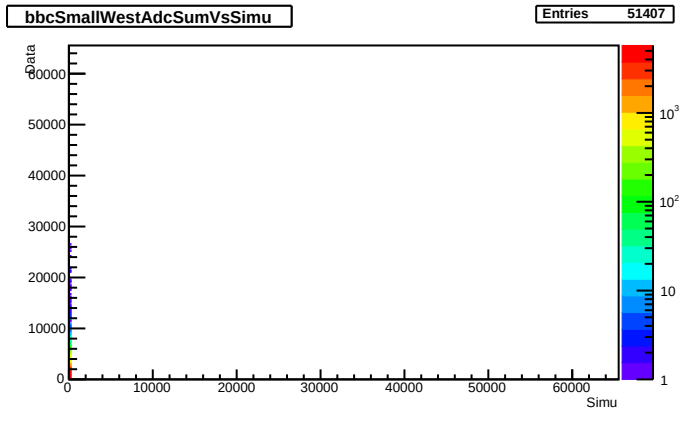

bbcSmallEastAdcSum
Entries 58189

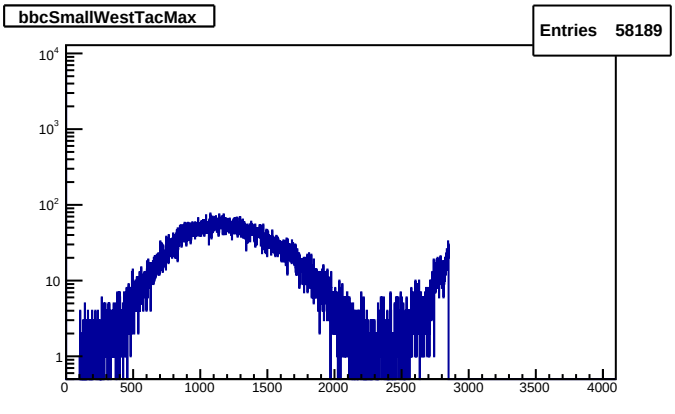

bbcSmallEastAdcSumVsSimu
Entries 45143
Data
Simu

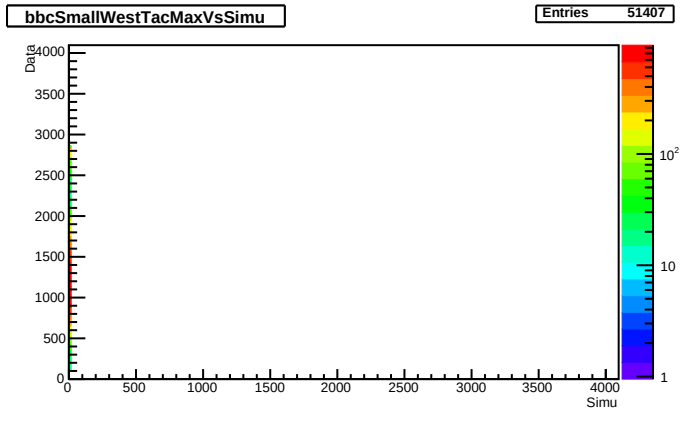

bbcSmallEastTacMax
Entries 58189

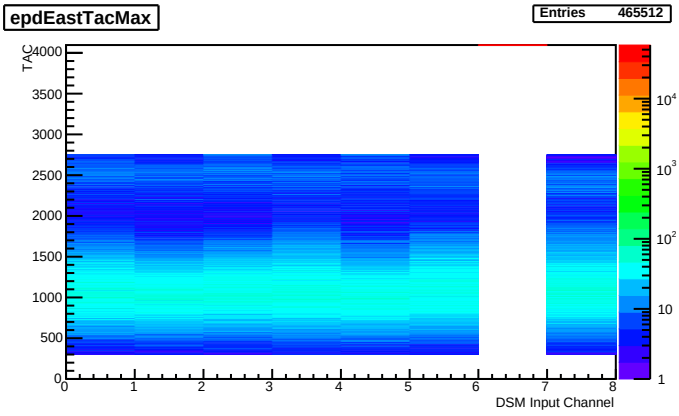

bbcSmallEastTacMaxVsSimu
Entries 45143
Data
Simu

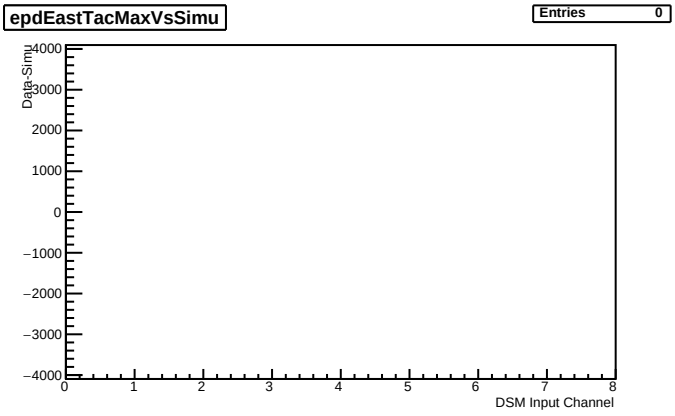

bbcSmallWestAdcSum
Entries 58189

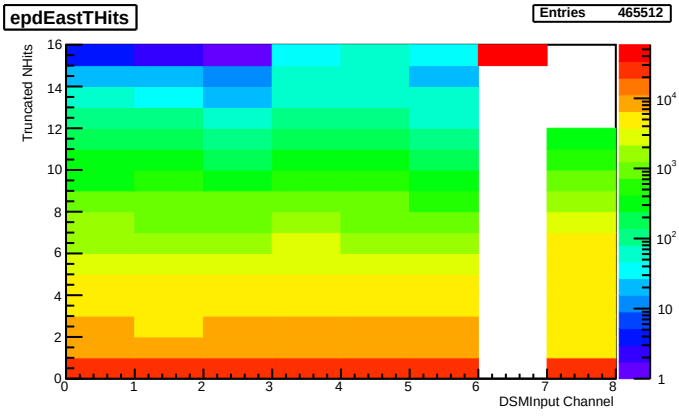

bbcSmallWestAdcSumVsSimu
Entries 51407
Data
Simu

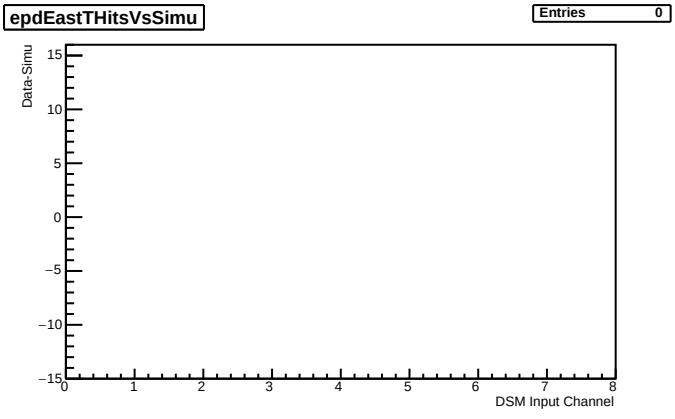

bbcSmallWestTacMax
Entries 58189

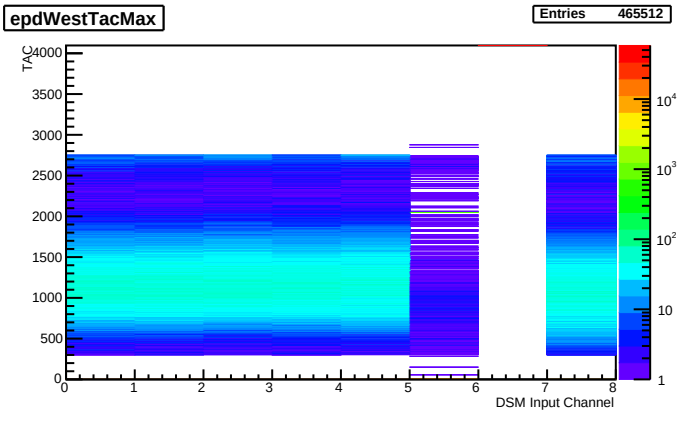

bbcSmallWestTacMaxVsSimu
Entries 51407
Data
Simu

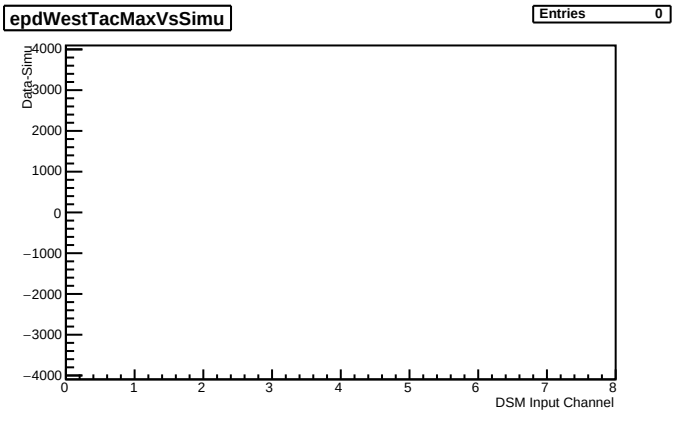

epdEastTacMax
Entries 465512
TAC
DSM Input Channel

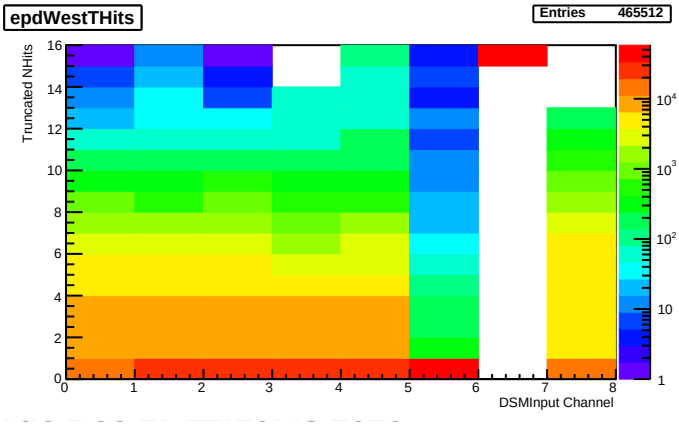

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

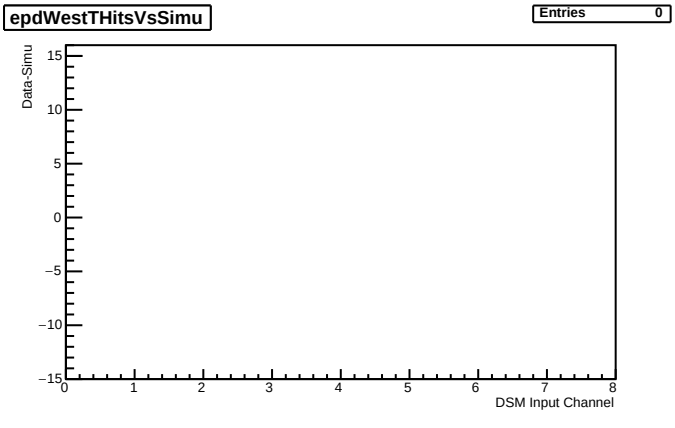

epdEastTHits
Entries 465512
Truncated NHits
DSMInput Channel

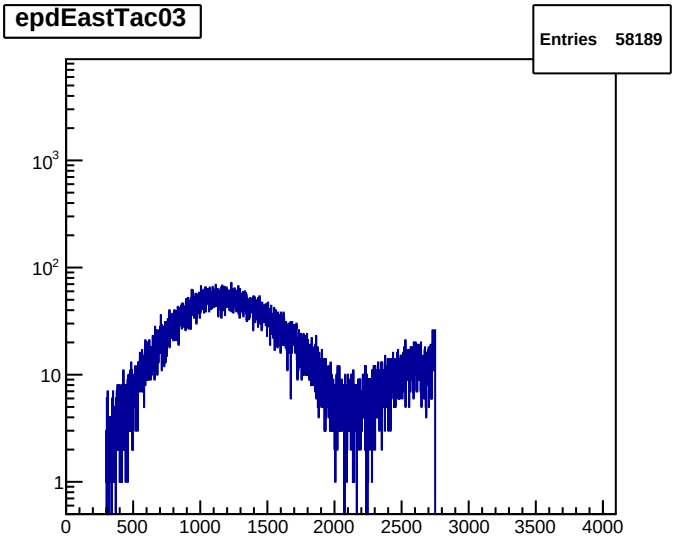

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

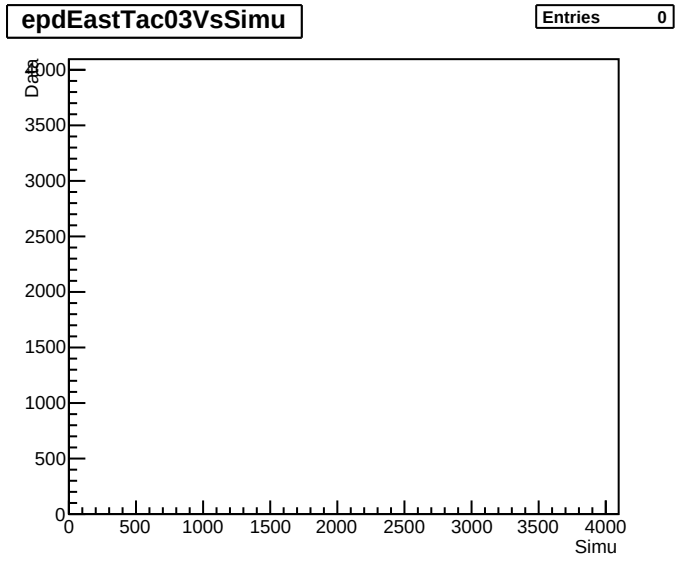

epdWestTacMax
Entries 465512
TAC
DSM Input Channel

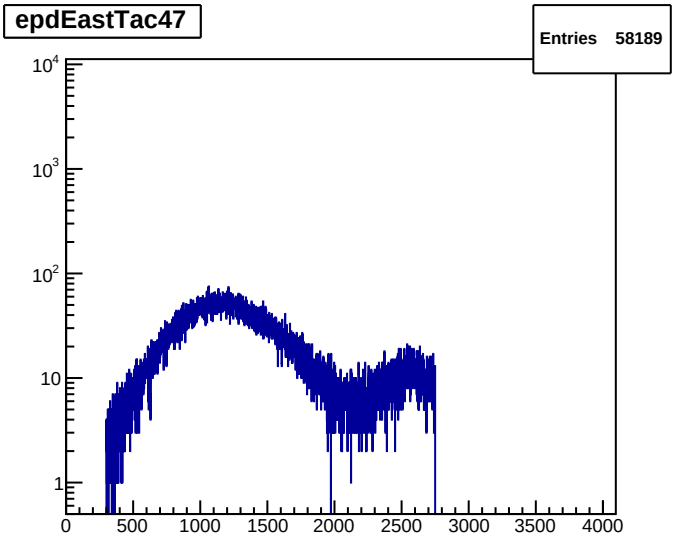

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

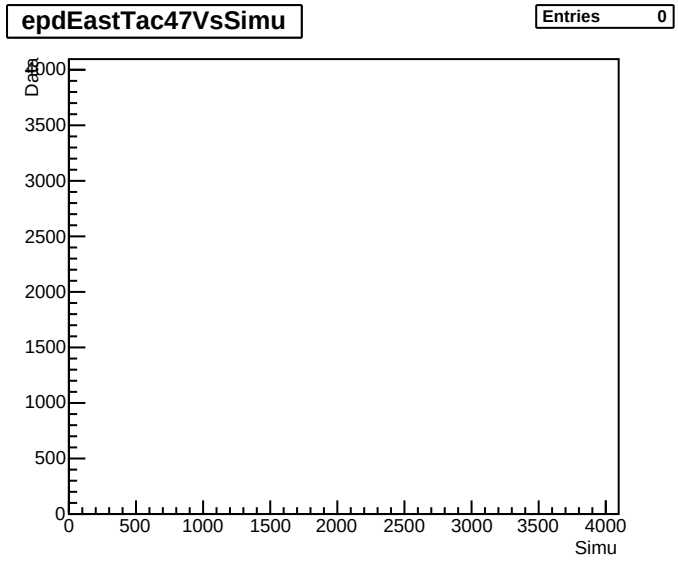

epdWestTHits
Entries 465512
Truncated NHits
DSMInput Channel

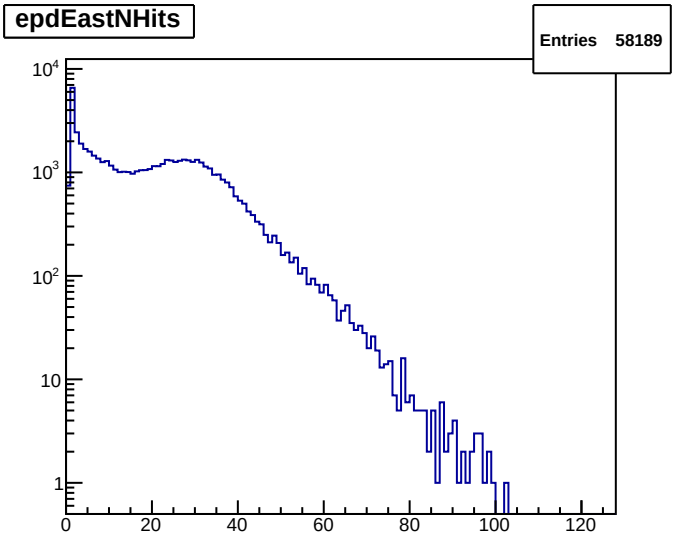

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

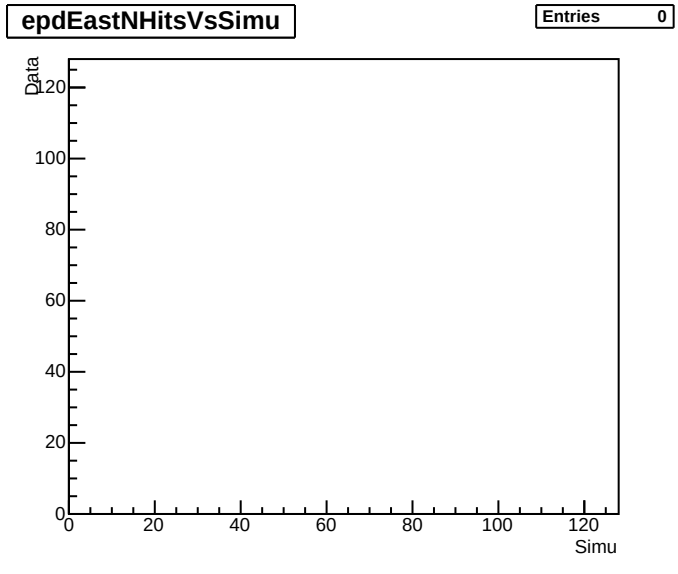

epdEastTac03
Entries 58189

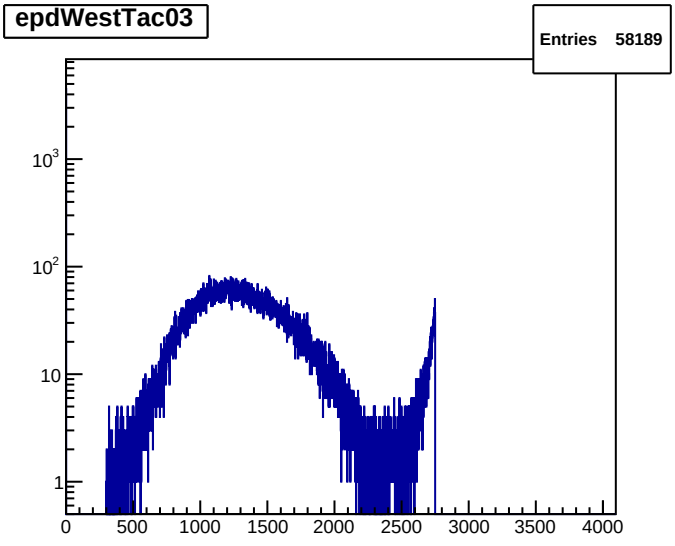

epdEastTac03VsSimu
Entries 0
Data
Simu

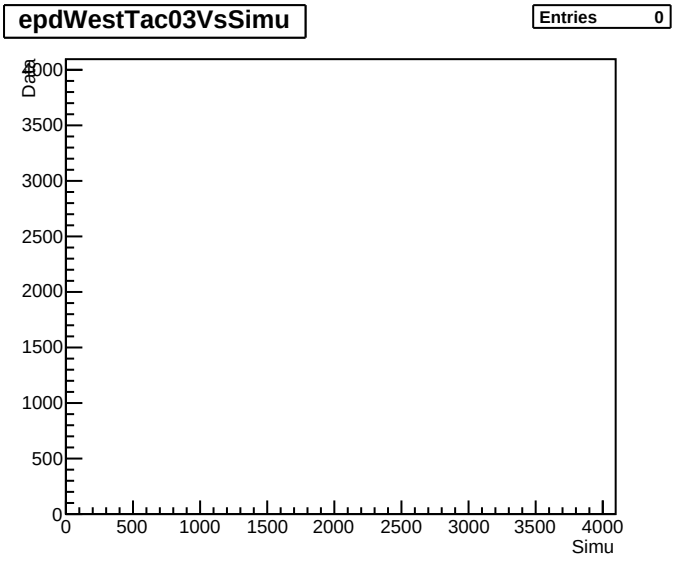

epdEastTac47
Entries 58189

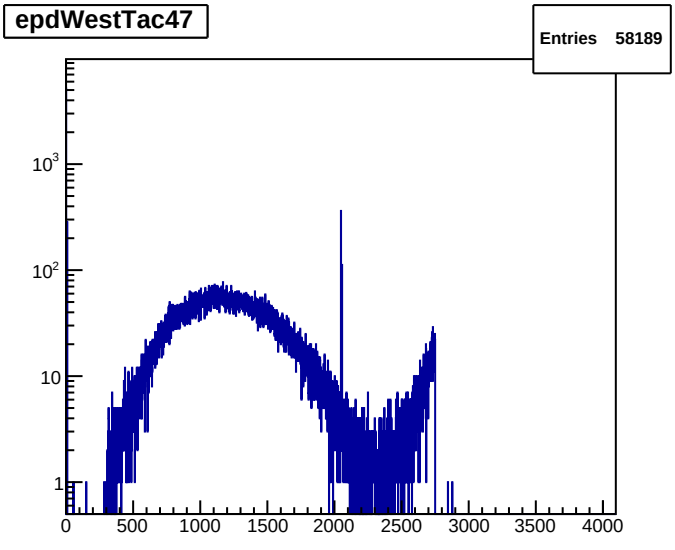

epdEastTac47VsSimu
Entries 0
Data
Simu

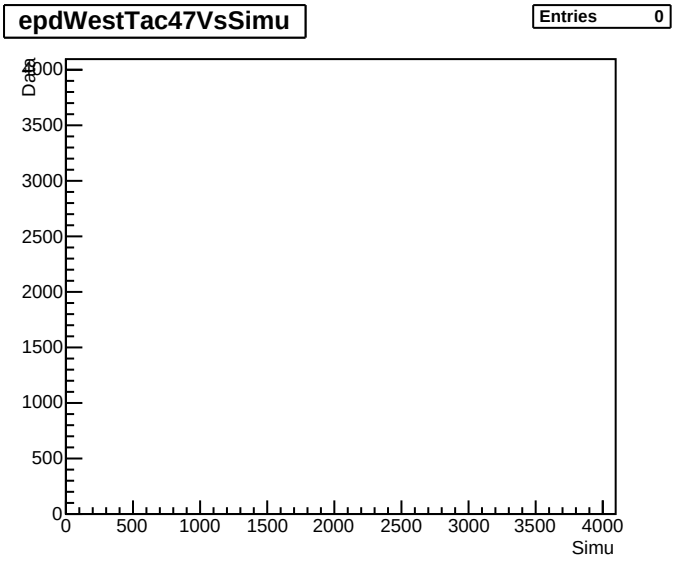

epdEastNHits
Entries 58189

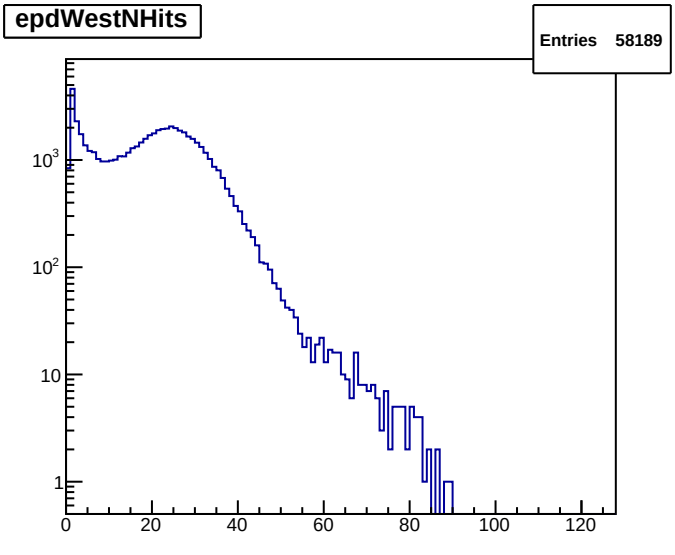

epdEastNHitsVsSimu
Entries 0
Data
Simu

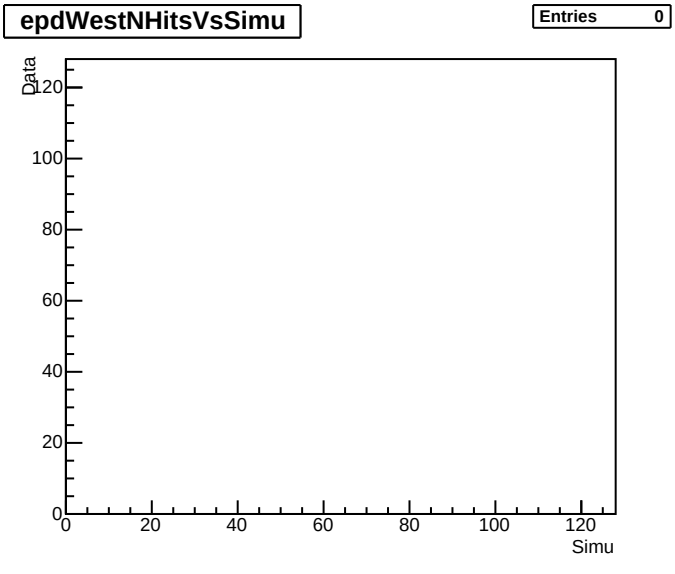

epdWestTac03
Entries 58189
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

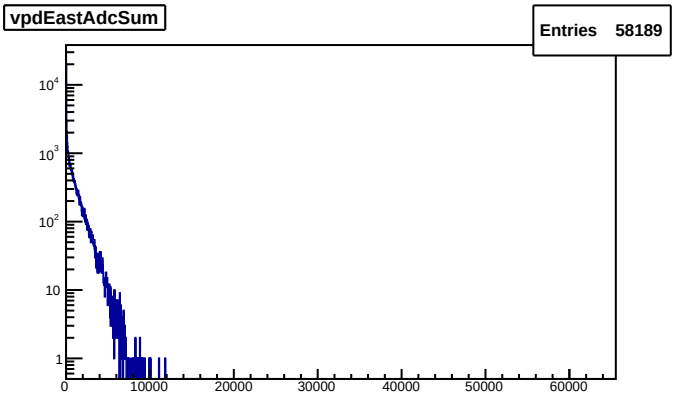

epdWestTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

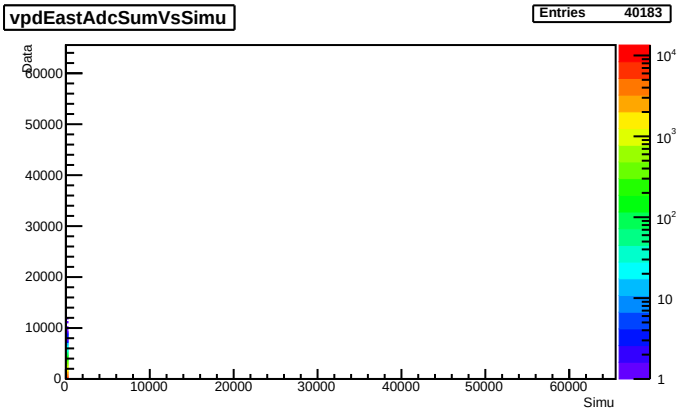

epdWestTac47
Entries 58189
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

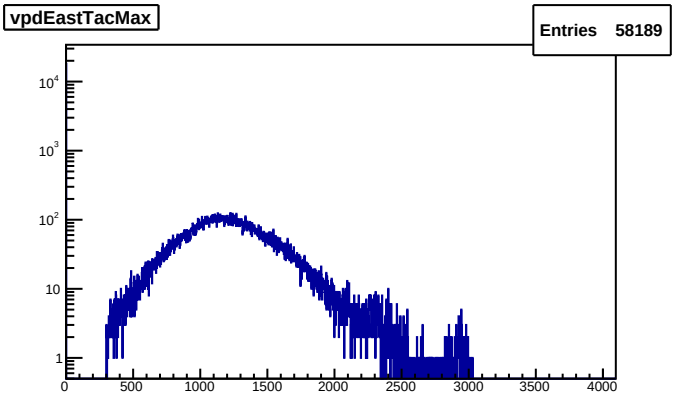

epdWestTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

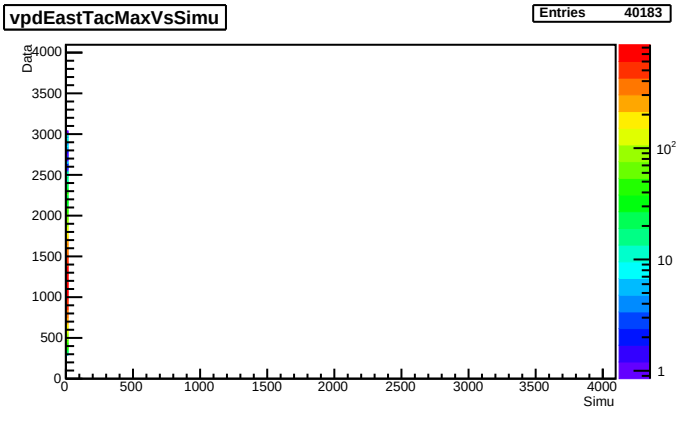

epdWestNHits
Entries 58189
10^3
10^2
10
1
0 20 40 60 80 100 120

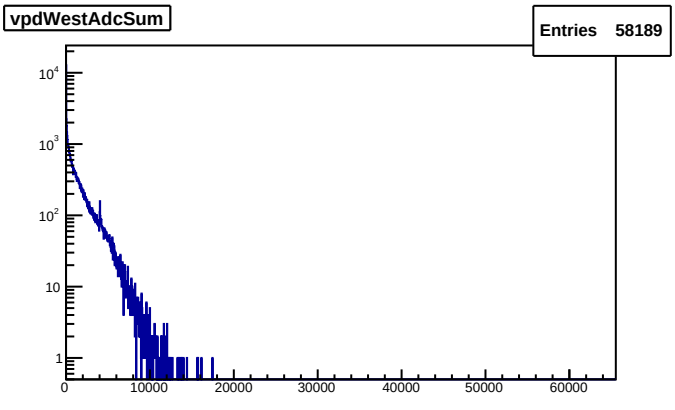

epdWestNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

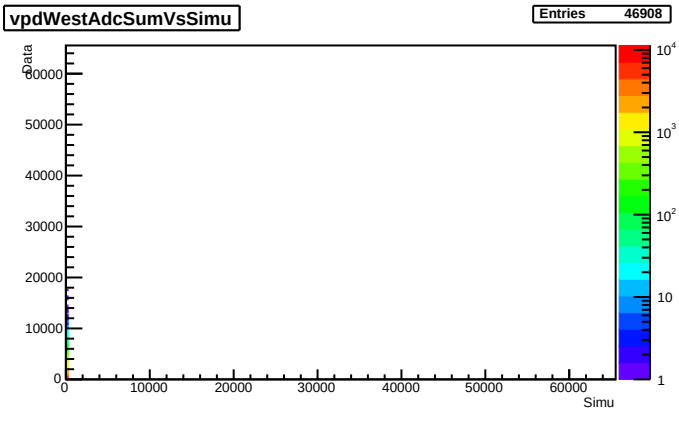

vpdEastAdcSum
Entries 58189

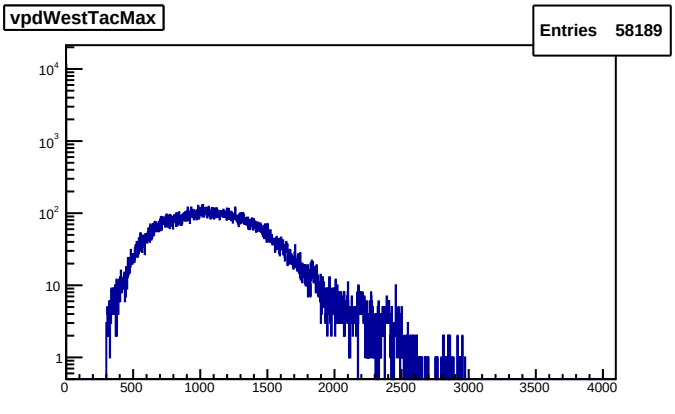

vpdEastAdcSumVsSimu
Entries 40183
Data
Simu

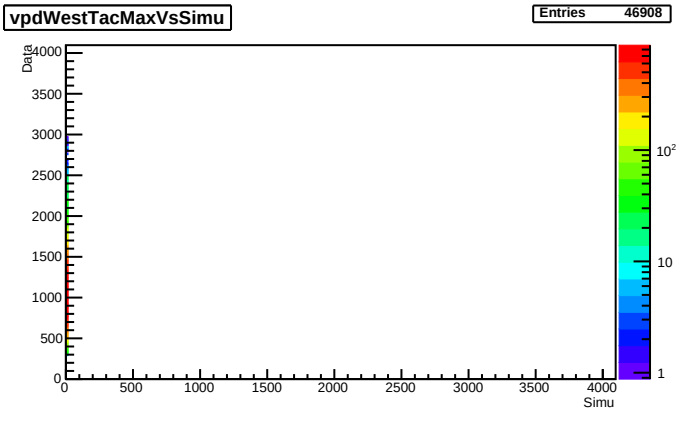

vpdEastTacMax
Entries 58189

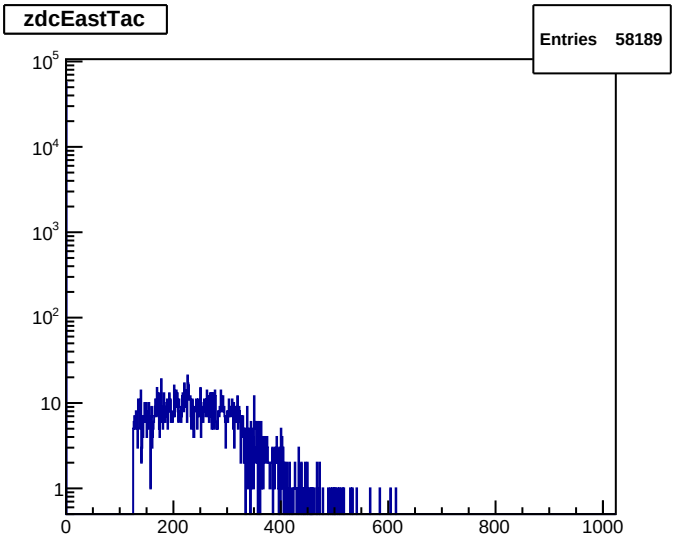

vpdEastTacMaxVsSimu
Entries 40183
Data
Simu

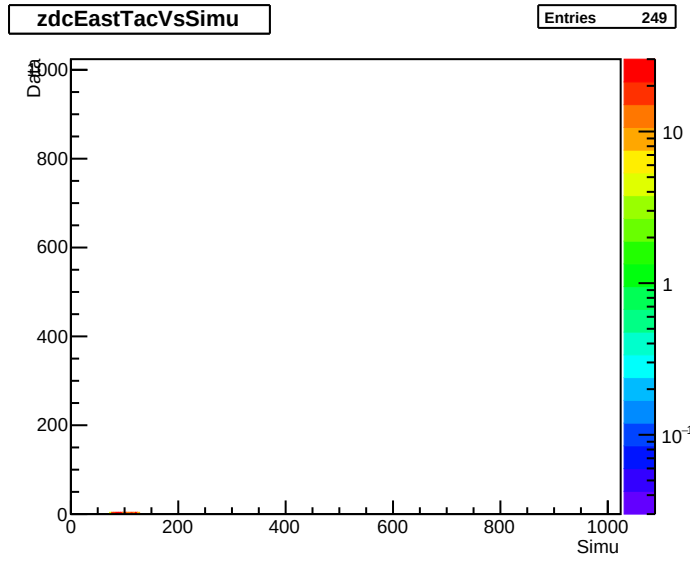

vpdWestAdcSum
Entries 58189

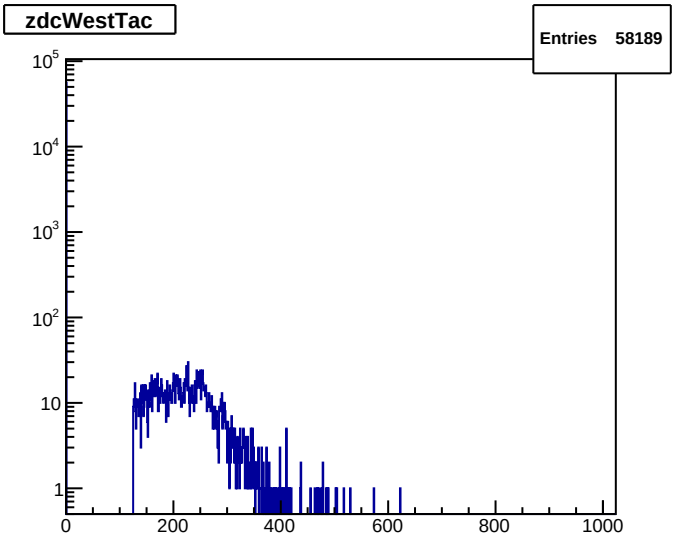

vpdWestAdcSumVsSimu
Entries 46908
Data
Simu

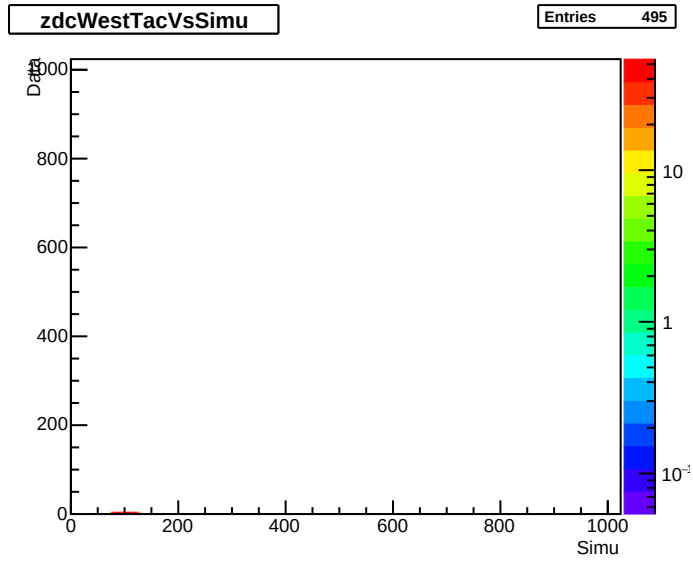

vpdWestTacMax
Entries 58189

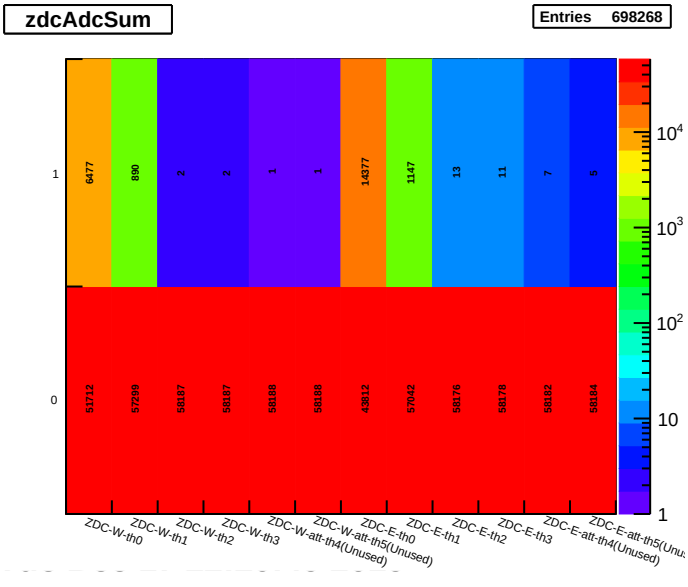

vpdWestTacMaxVsSimu
Entries 46908
Data
Simu

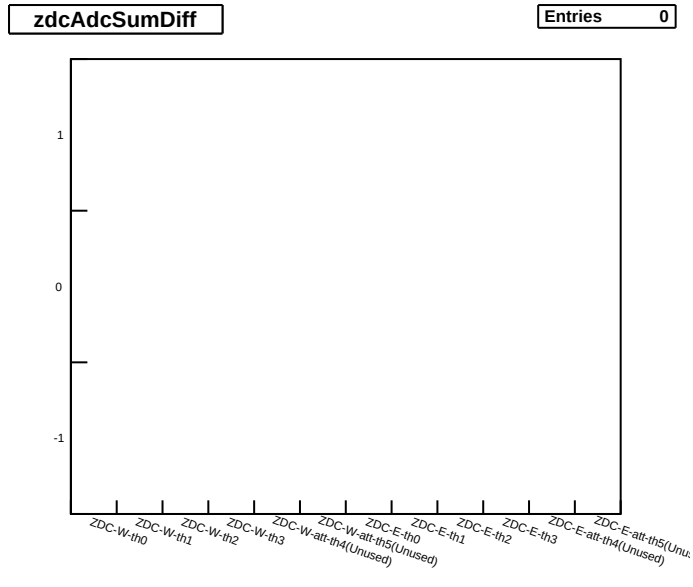

zdcEastTac
Entries 58189

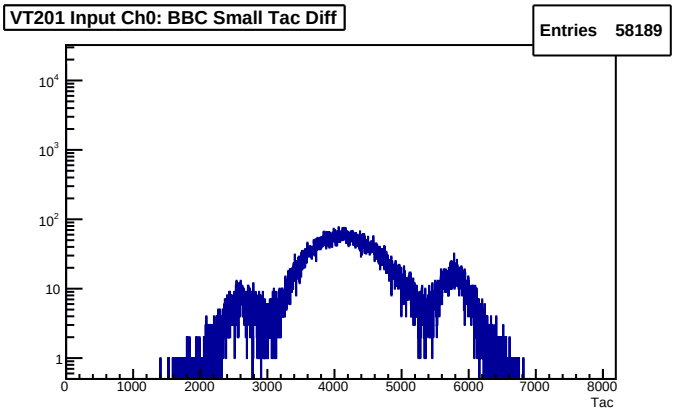

zdcEastTacVsSimu
Entries 249
Data
Simu

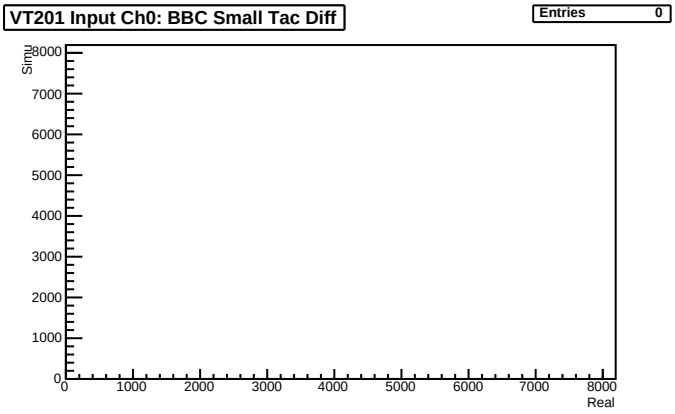

zdcWestTac
Entries 58189

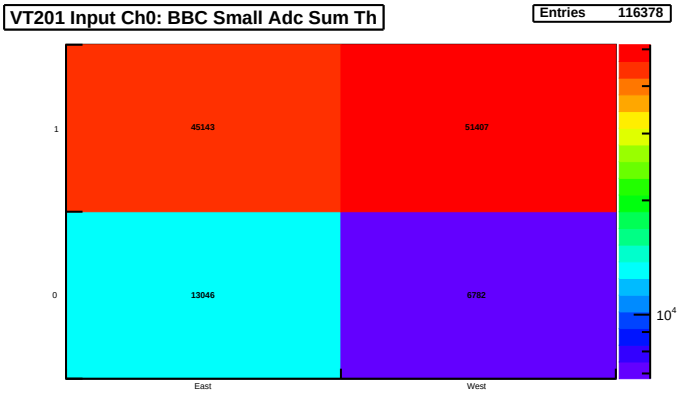

zdcWestTacVsSimu
Entries 495
Data
Simu

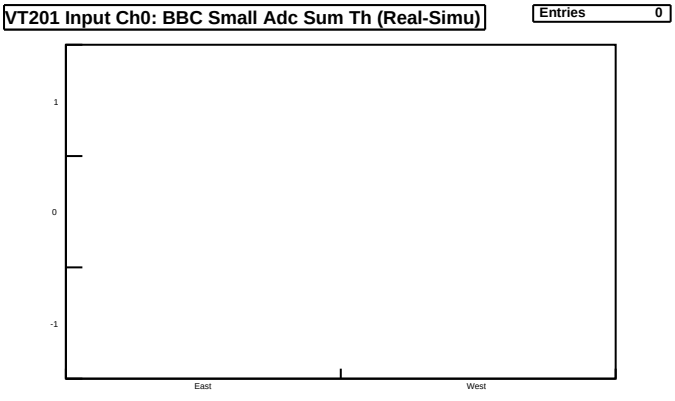

zdcAdcSum
Entries 698268
6477
890
2
2
1
1
14377
1147
13
11
7
5
51712
57299
58187
58187
58188
58188
43812
57642
58176
58178
58182
58184
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

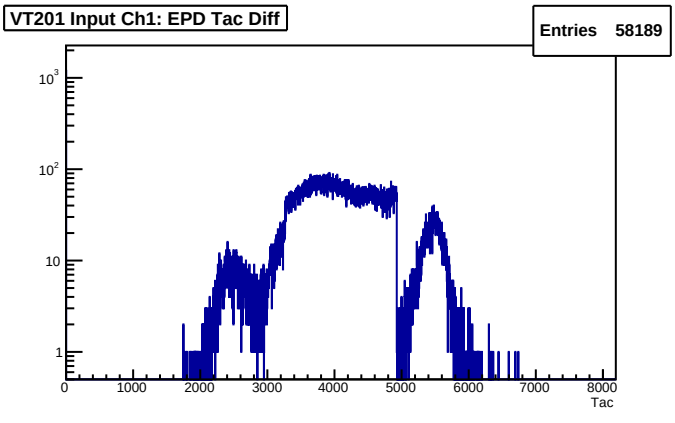

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

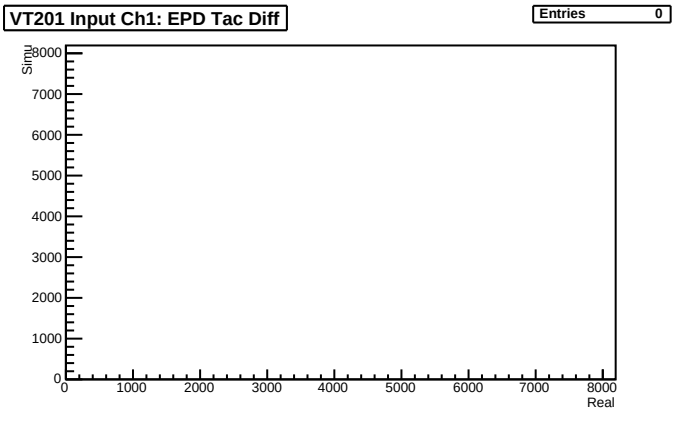

VT201 Input Ch0: BBC Small Tac Diff
Entries 58189
Tac

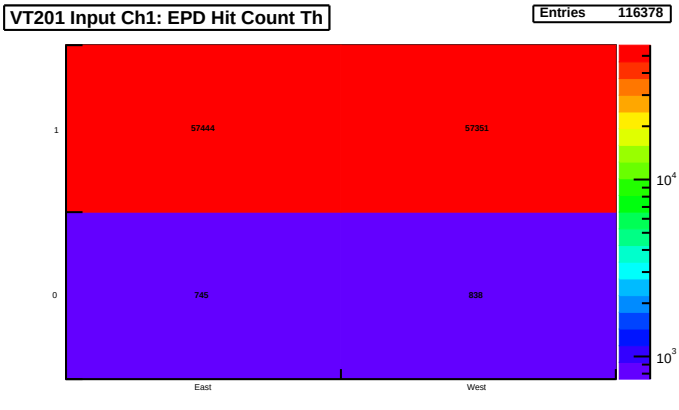

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

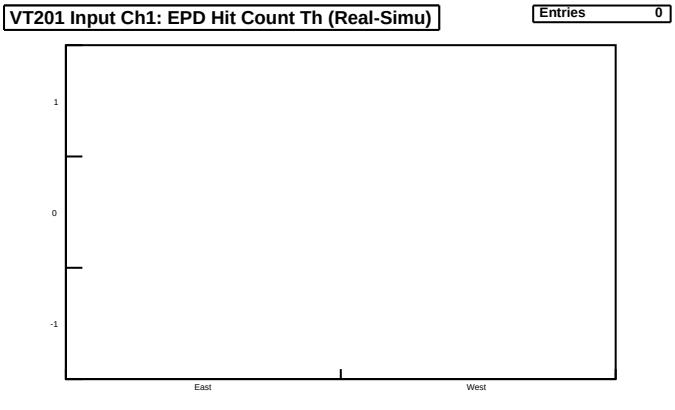

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 116378
45143
51407
13046
6782
East
West

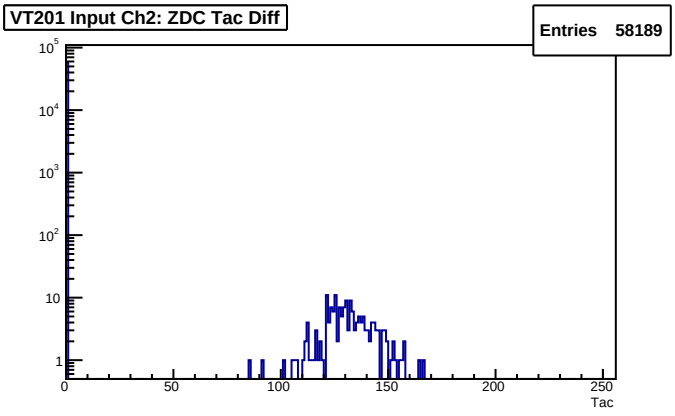

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

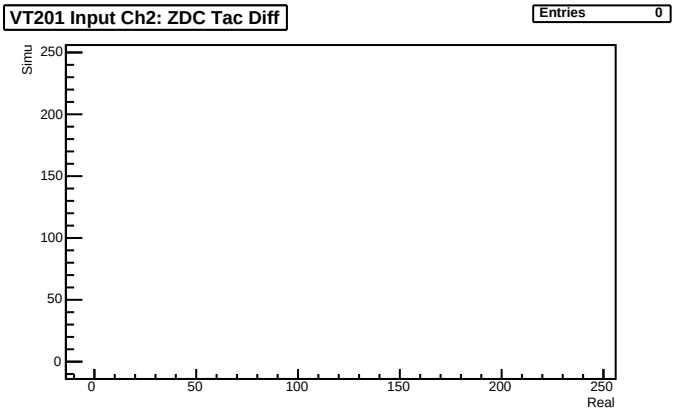

VT201 Input Ch1: EPD Tac Diff
Entries 58189
Tac

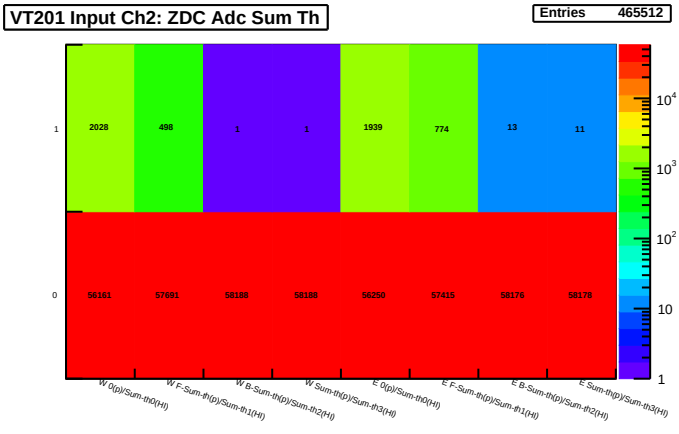

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

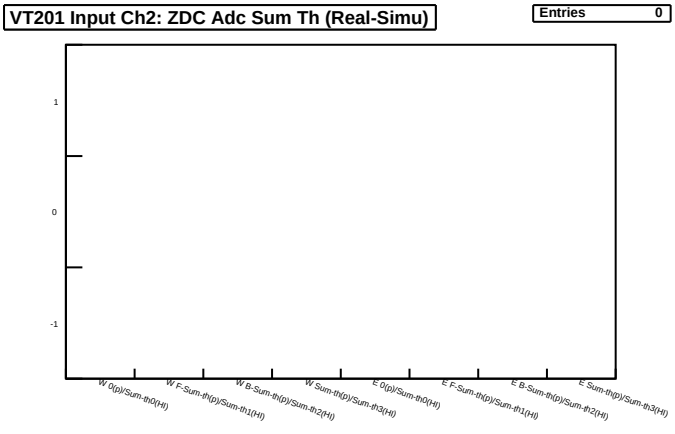

VT201 Input Ch1: EPD Hit Count Th
Entries 116378
57444
57351
745
838
East
West

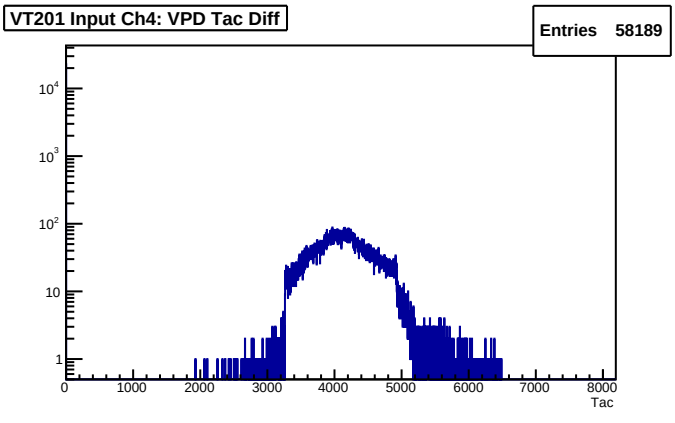

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

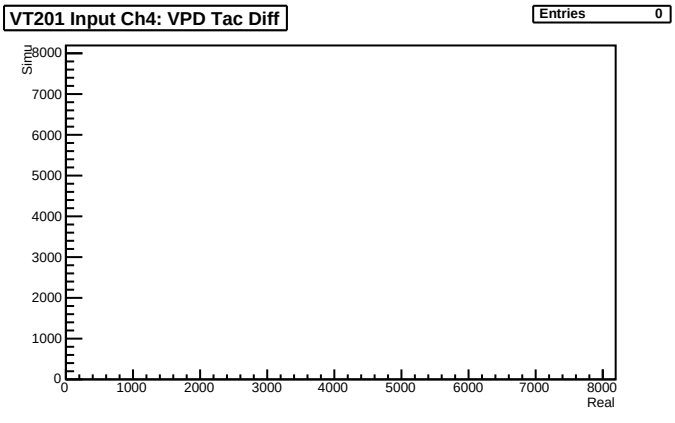

VT201 Input Ch2: ZDC Tac Diff
Entries 58189
Tac

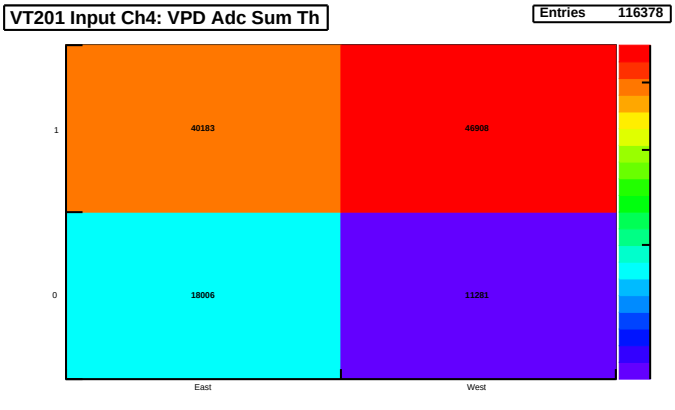

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

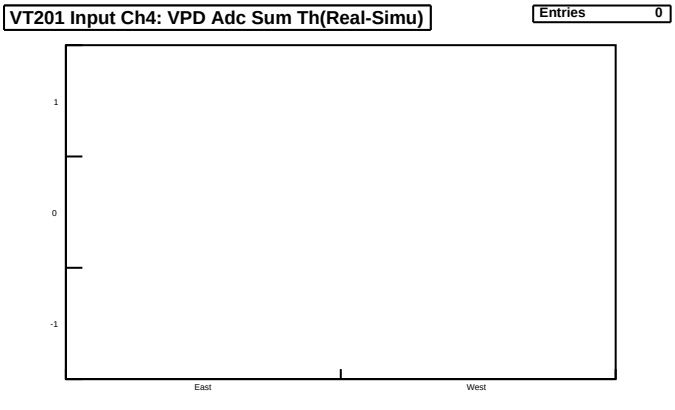

VT201 Input Ch2: ZDC Adc Sum Th
Entries 465512
2028
498
1
1
1939
774
13
11
56161
57691
58188
58188
56250
57415
58176
58178
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

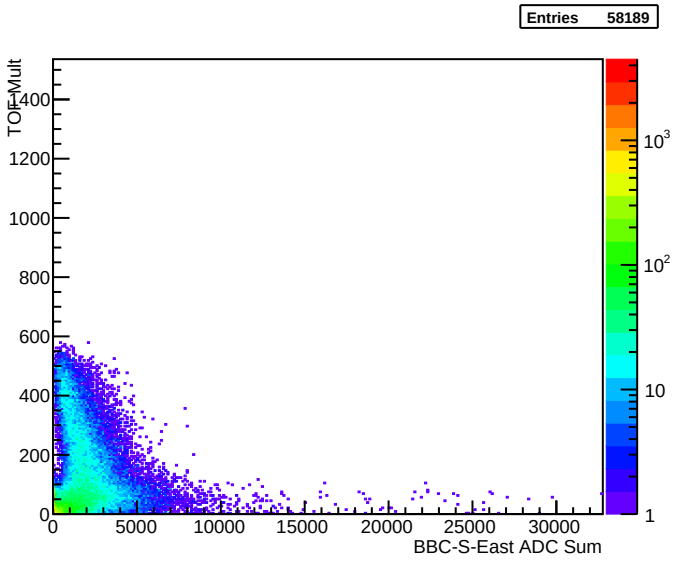

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

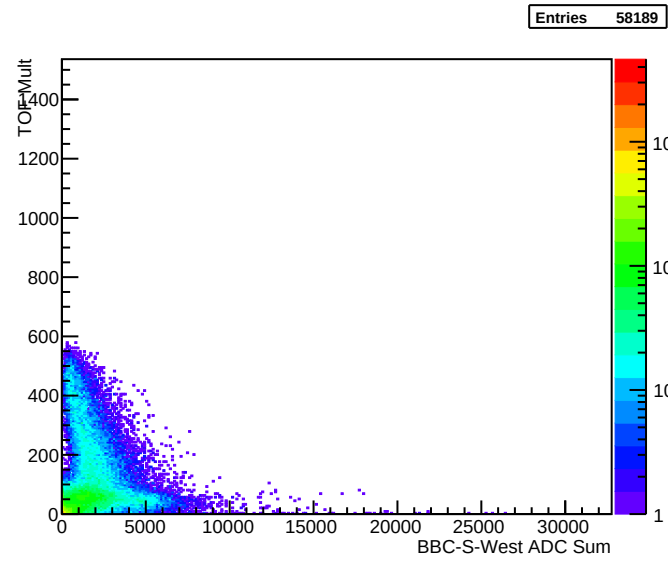

VT201 Input Ch4: VPD Tac Diff
Entries 58189
Tac

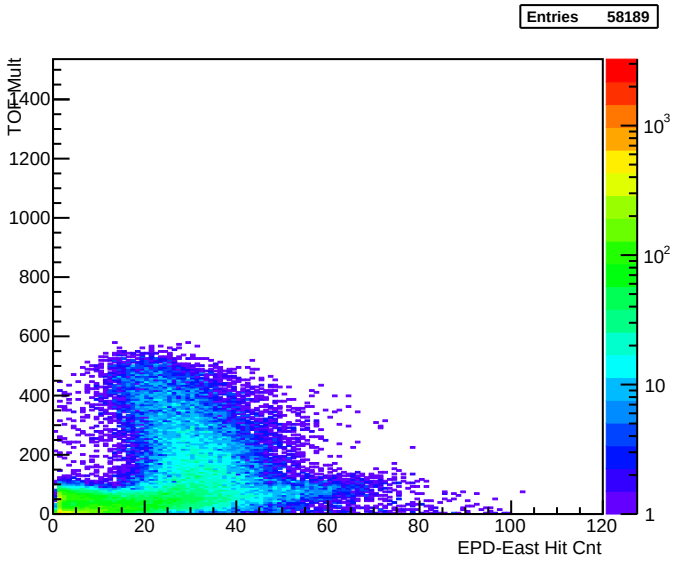

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

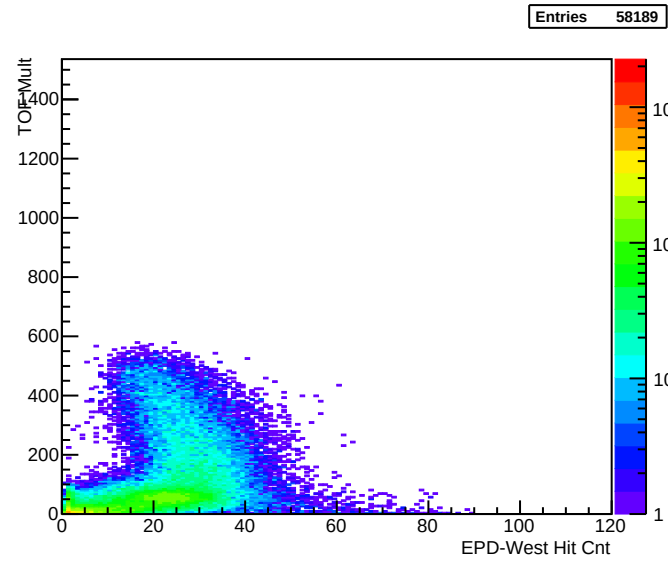

VT201 Input Ch4: VPD Adc Sum Th
Entries 116378
40183
46908
18006
11281
East
West

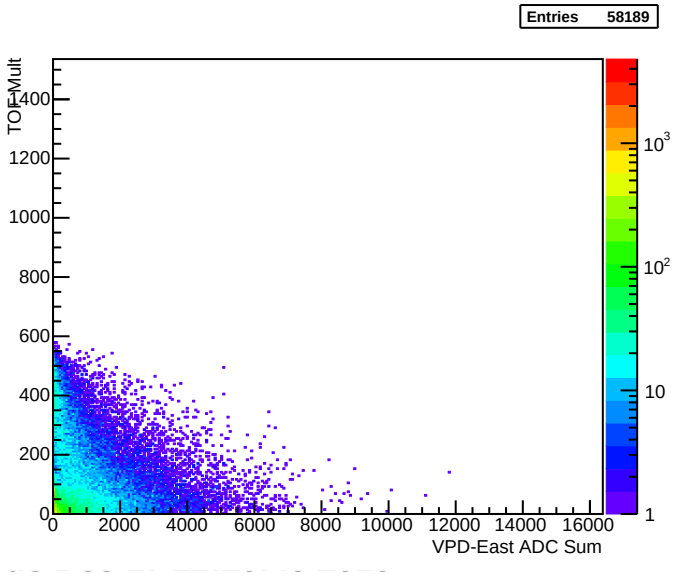

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

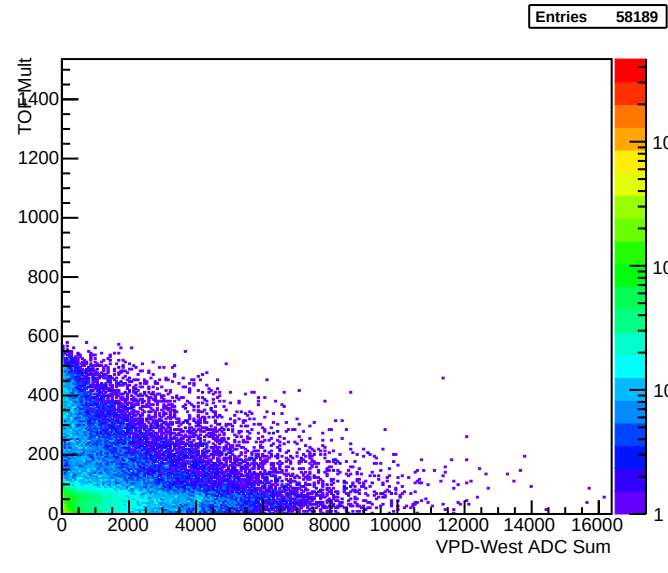

Entries 58189
TOF-Mult
BBC-S-East ADC Sum

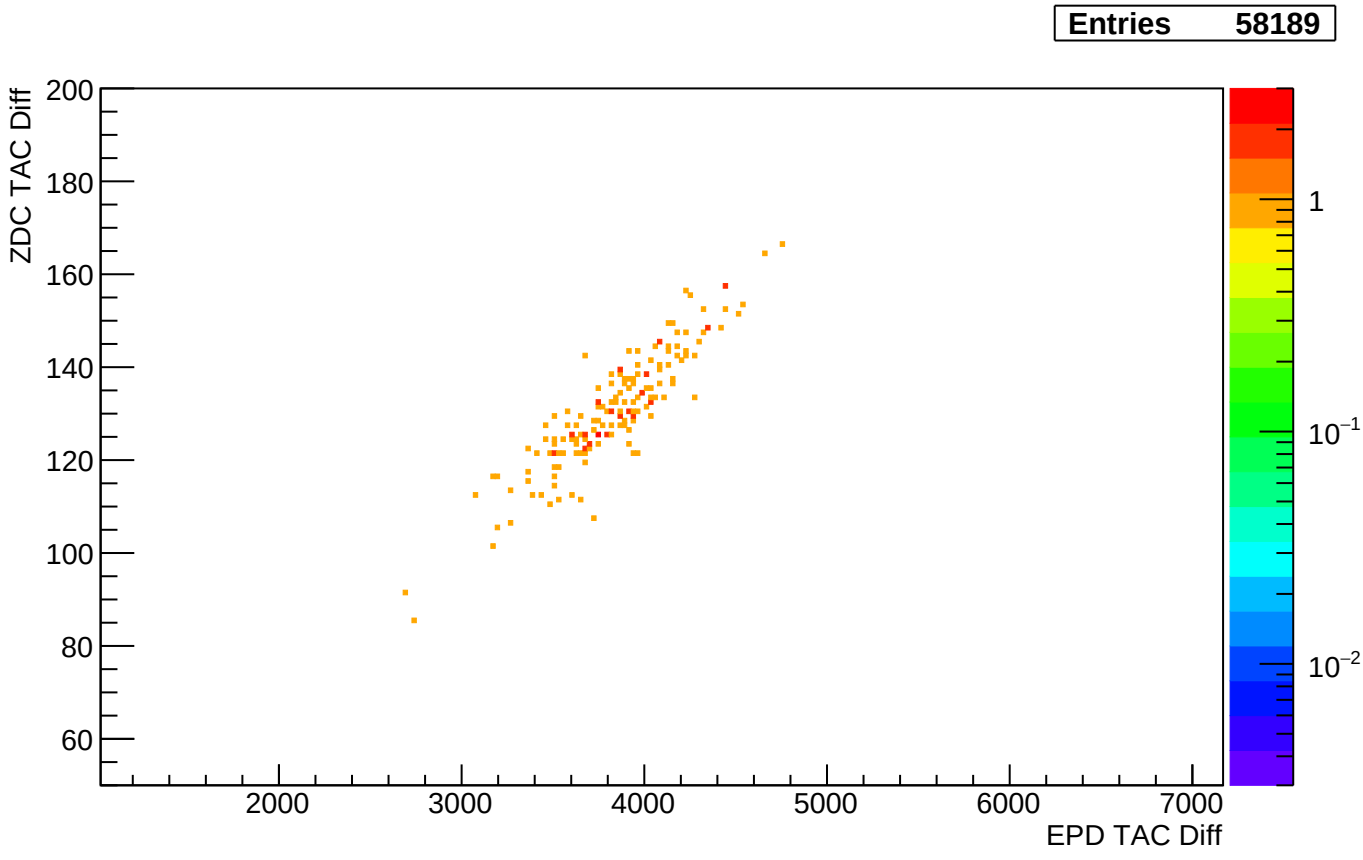

Entries 58189
TOF-Mult
BBC-S-West ADC Sum

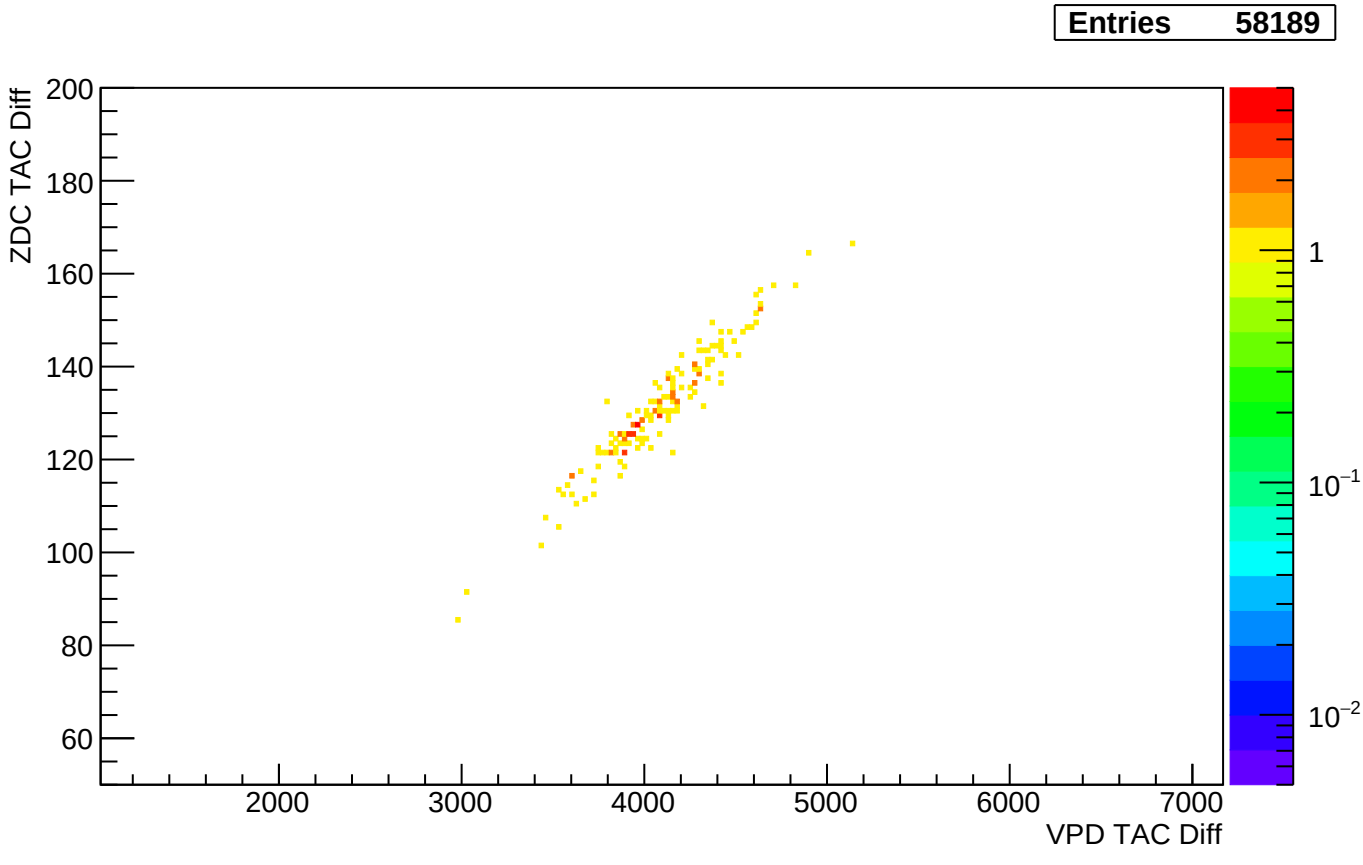

Entries 58189
TOF-Mult
EPD-East Hit Cnt

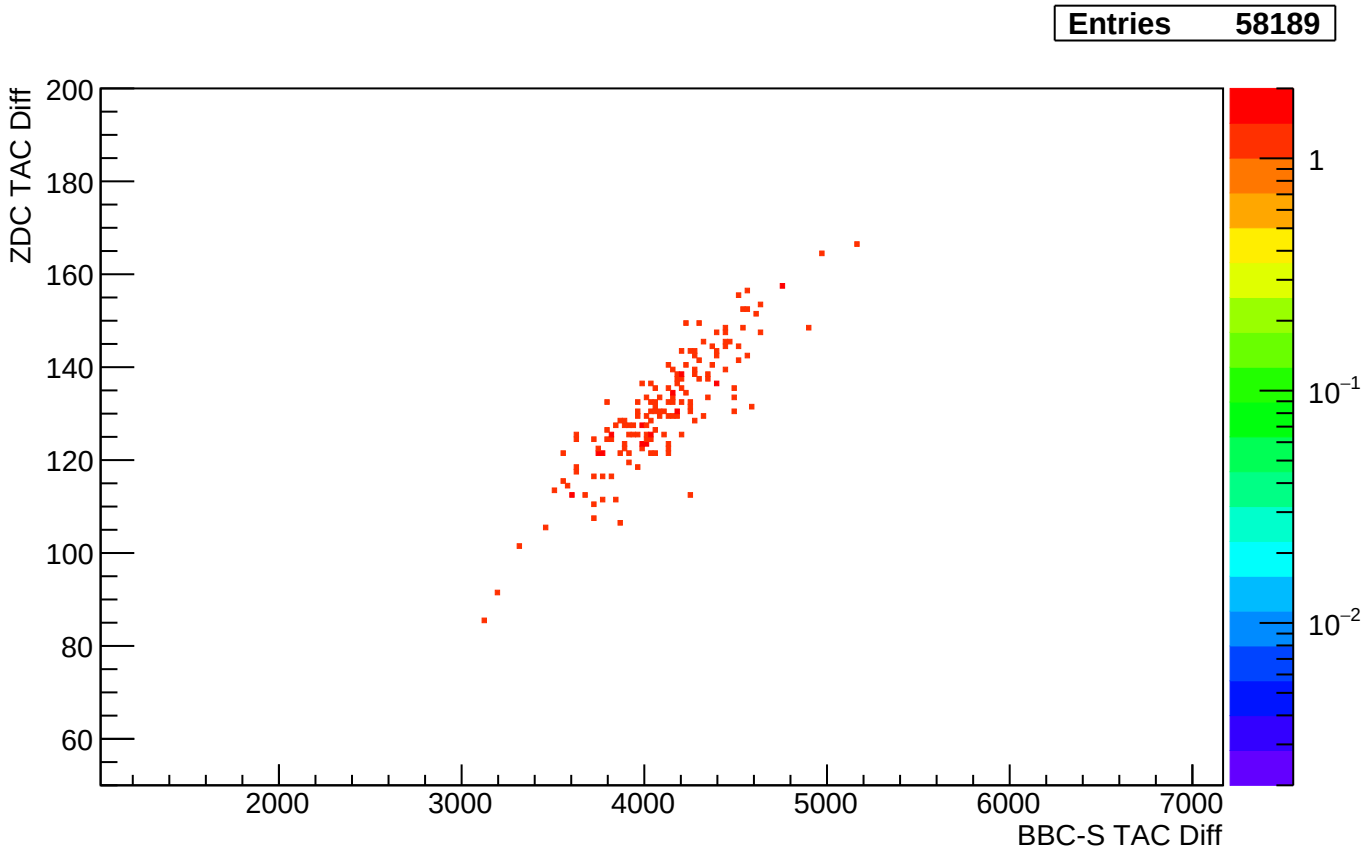

Entries 58189
TOF-Mult
EPD-West Hit Cnt

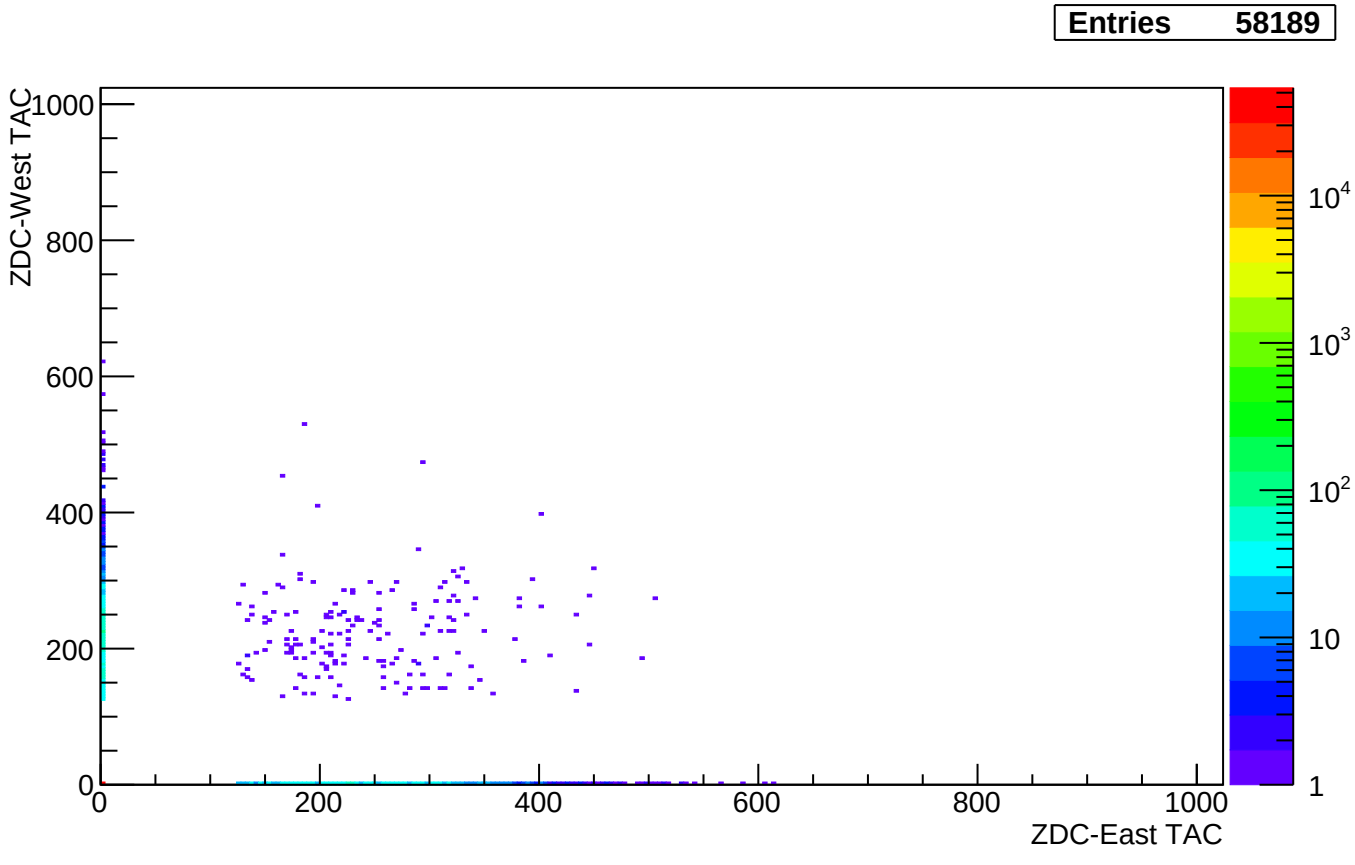

Entries 58189
TOF-Mult
VPD-East ADC Sum

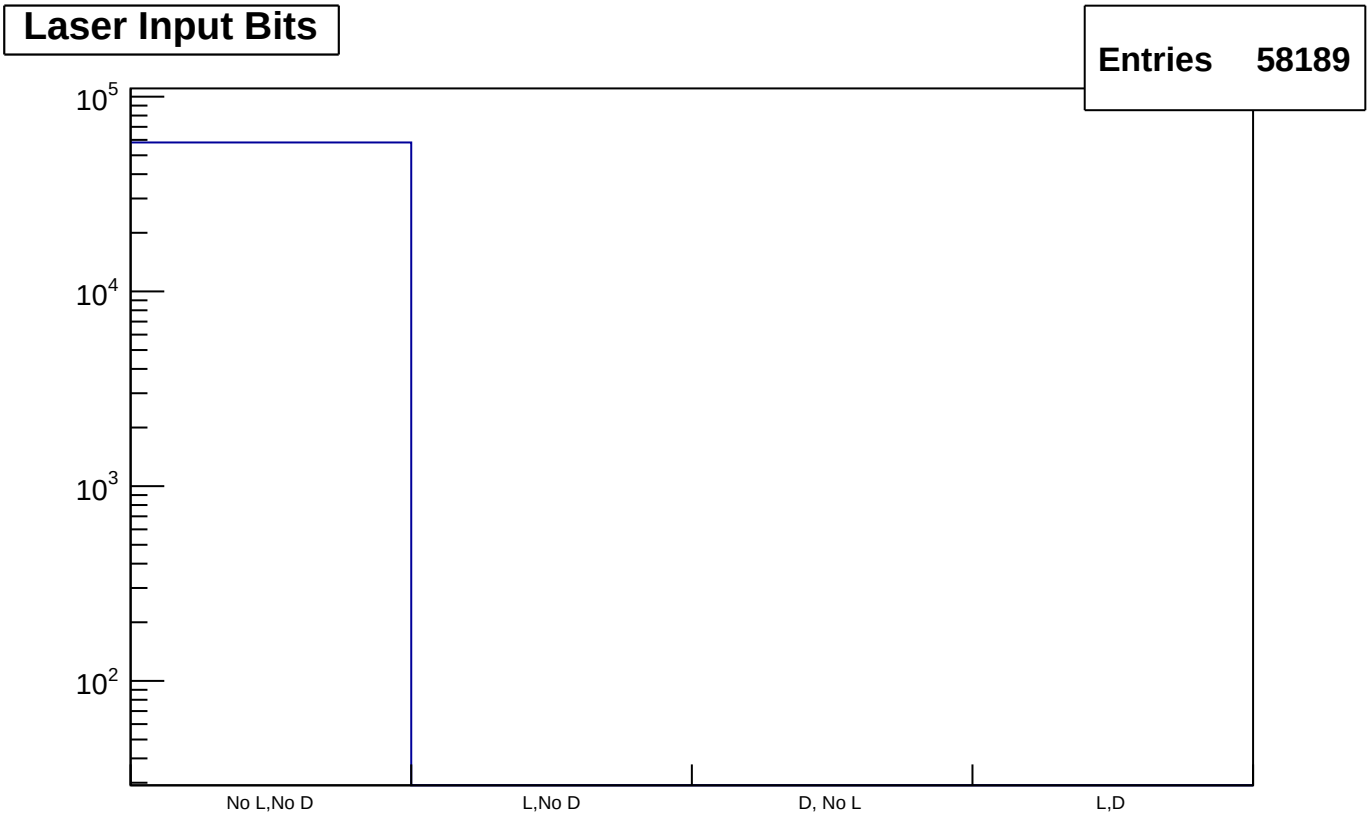

Entries 58189
TOF-Mult
VPD-West ADC Sum

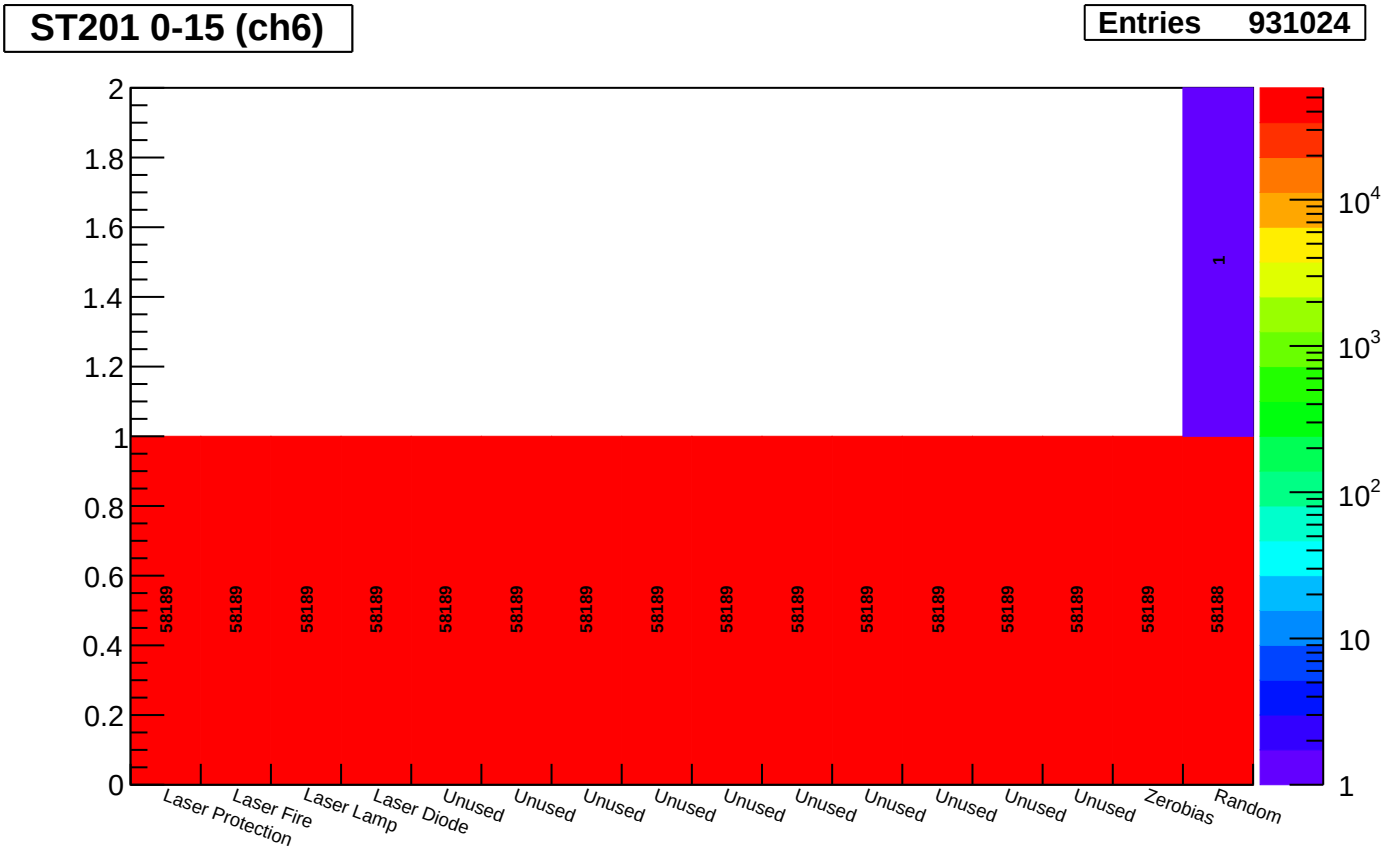

Entries 58189
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

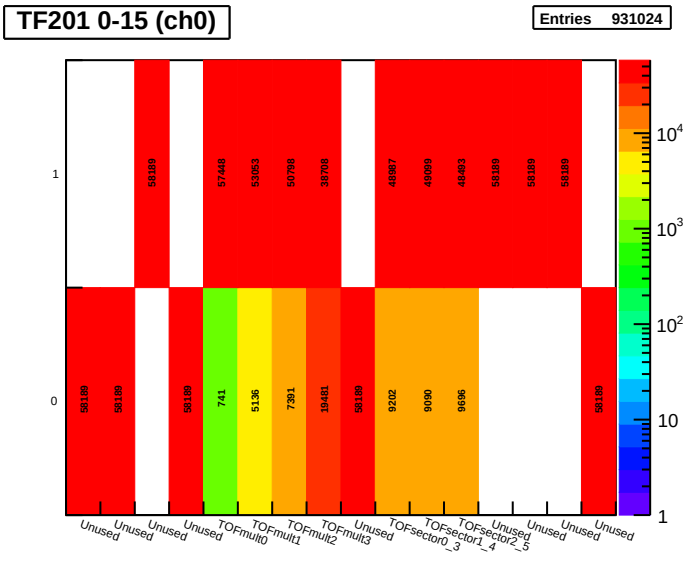

Entries 58189
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

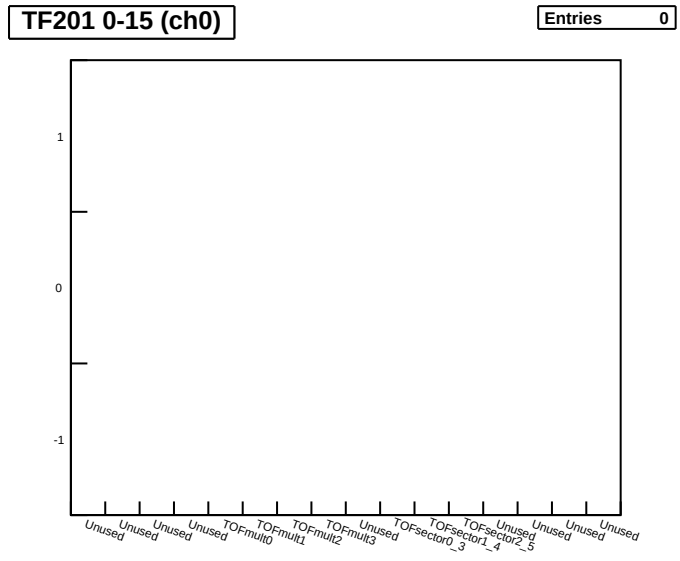

Entries 58189
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

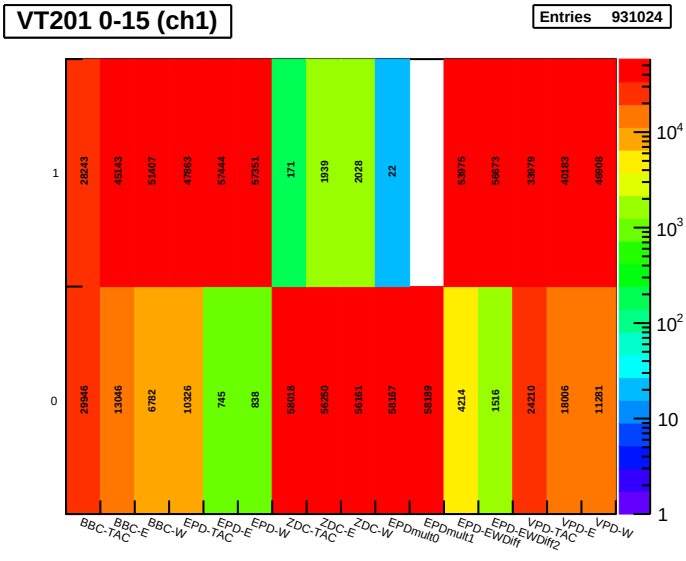

Entries 58189
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

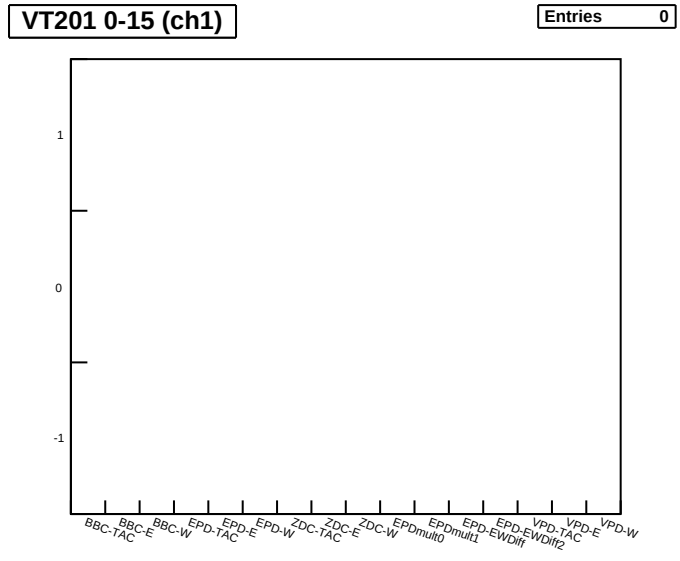

Laser Input Bits
Entries 58189
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

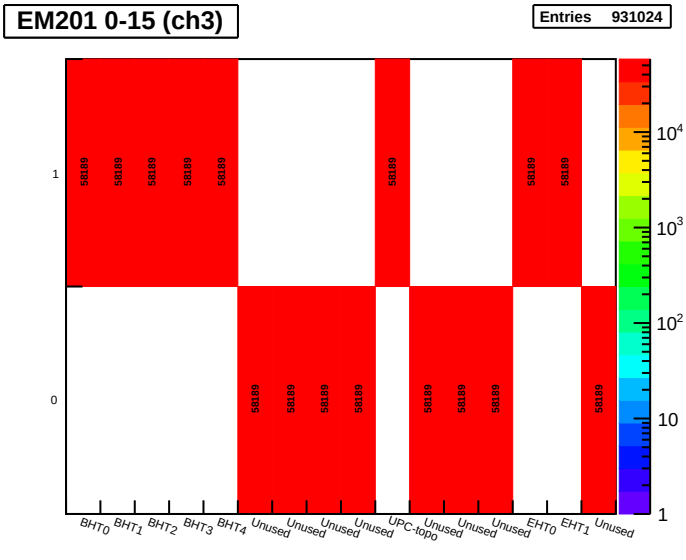

ST201 0-15 (ch6)
Entries 931024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
58189
58188
1
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

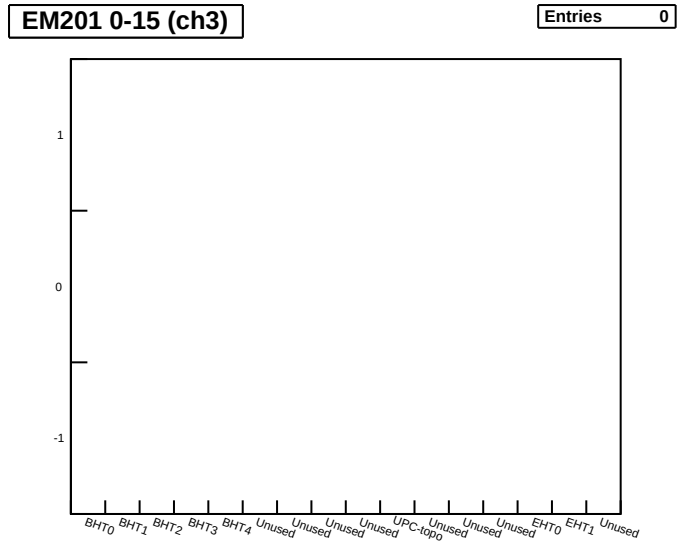

TF201 0-15 (ch0)
Entries 931024
1
0
58189
57448
53053
50788
38708
48987
49099
48493
58189
58189
58189
58189
58189
58189
741
5136
7391
19481
58189
9202
9090
9696
58189
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
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
Unused


VT201 0-15 (ch1)
Entries 931024
1
0
28243
45143
51407
47863
57444
57351
171
1939
2028
22
53975
56673
33979
40153
48008
29946
13046
6782
10326
745
838
58018
56250
56161
58167
58189
4214
1516
24210
18006
11281
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 931024
1
0
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
58189
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