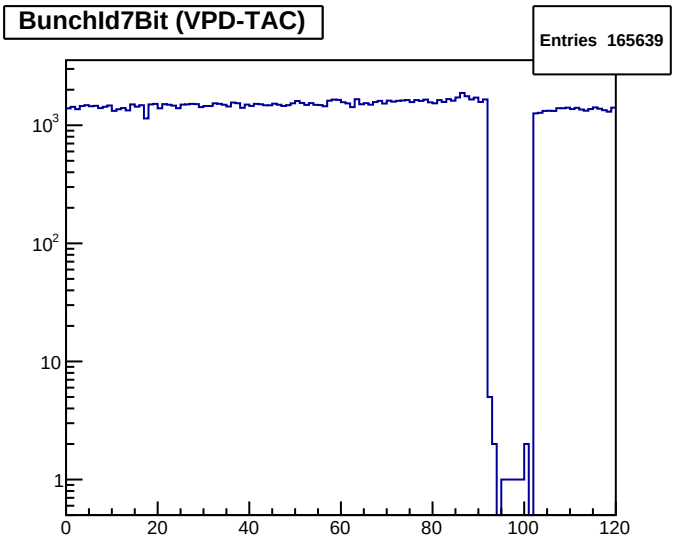
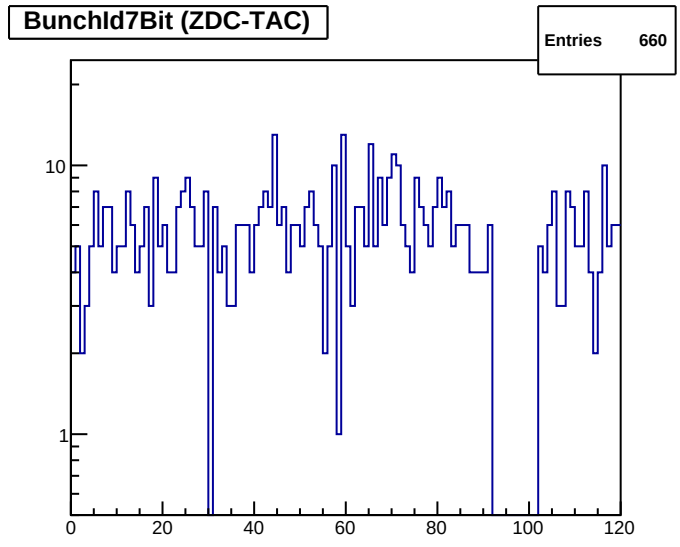
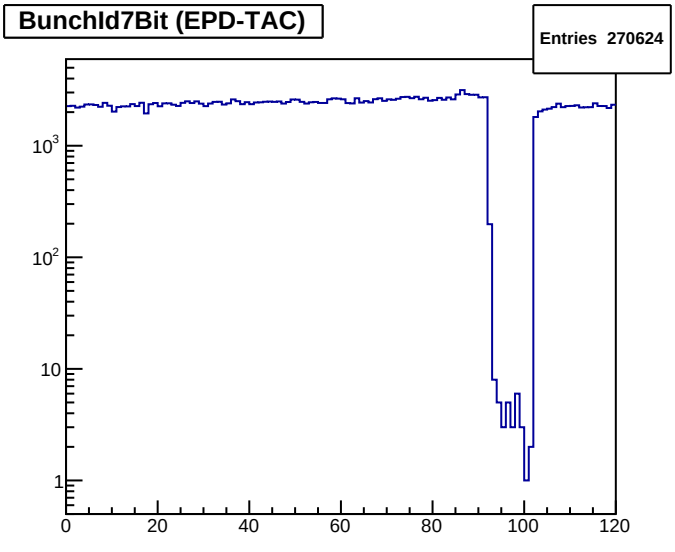
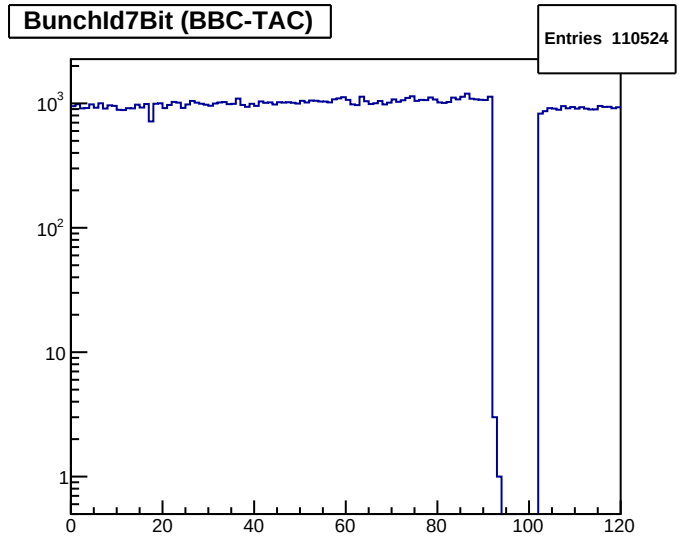
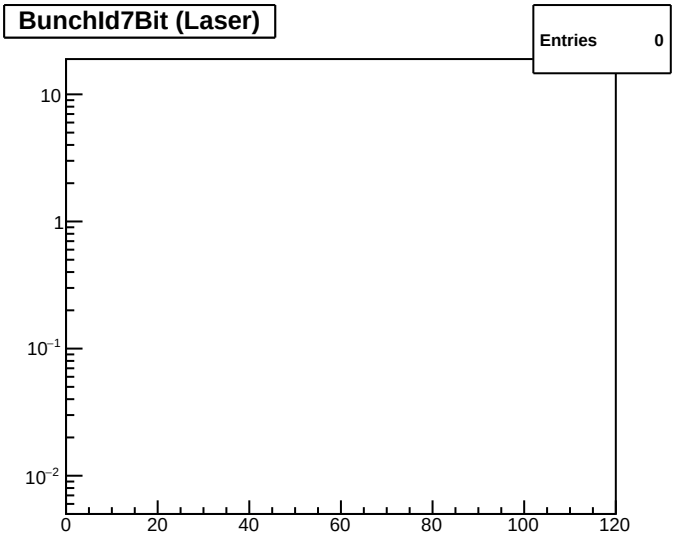
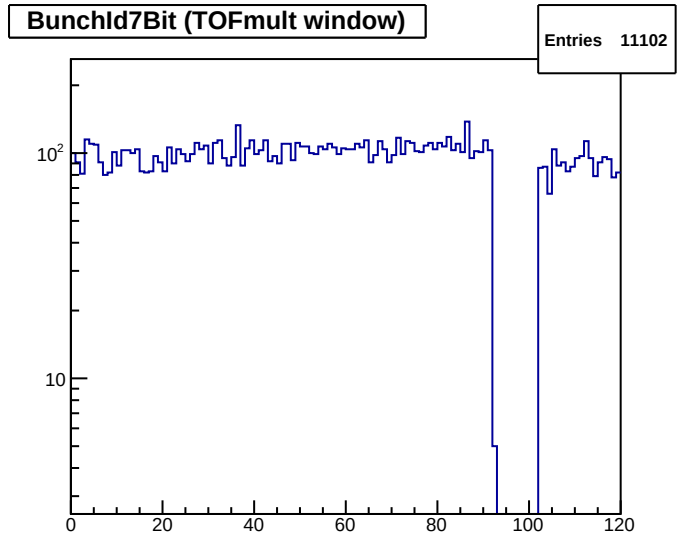

BunchId7Bit (VPD-TAC)
Entries 165639

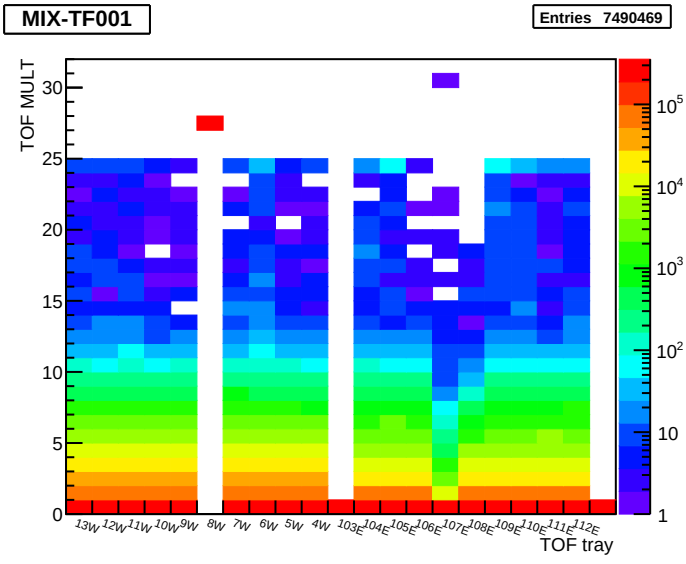

BunchId7Bit (ZDC-TAC)
Entries 660

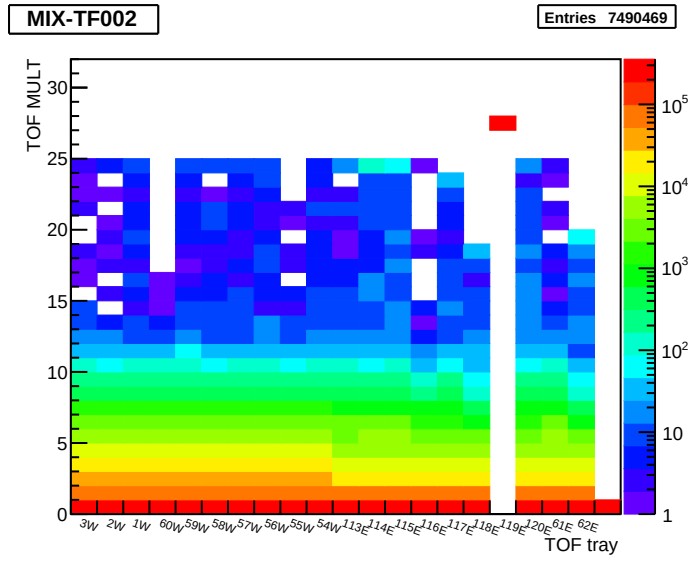

BunchId7Bit (EPD-TAC)
Entries 270624

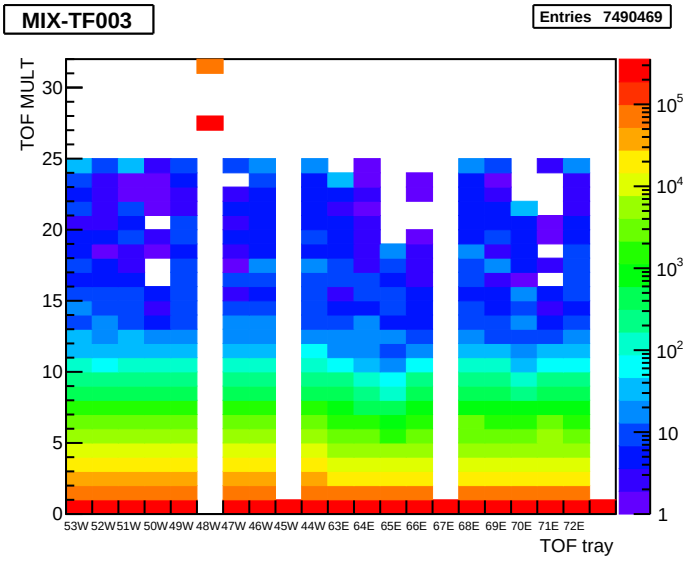

BunchId7Bit (BBC-TAC)
Entries 110524

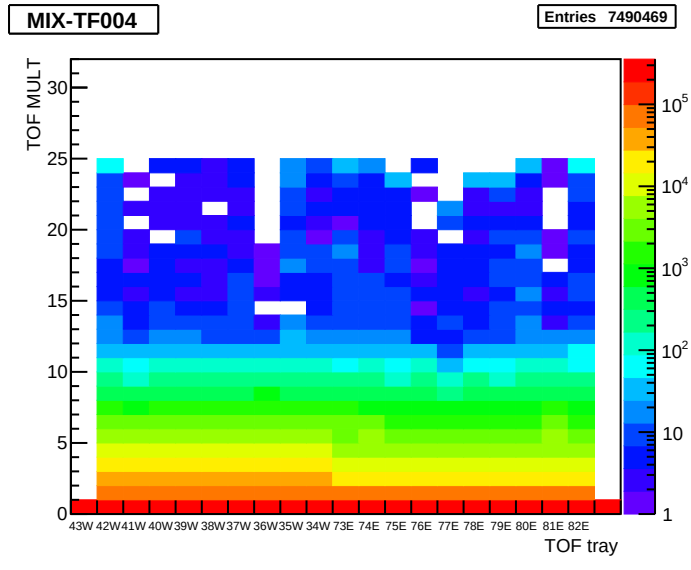

BunchId7Bit (Laser)
Entries 0

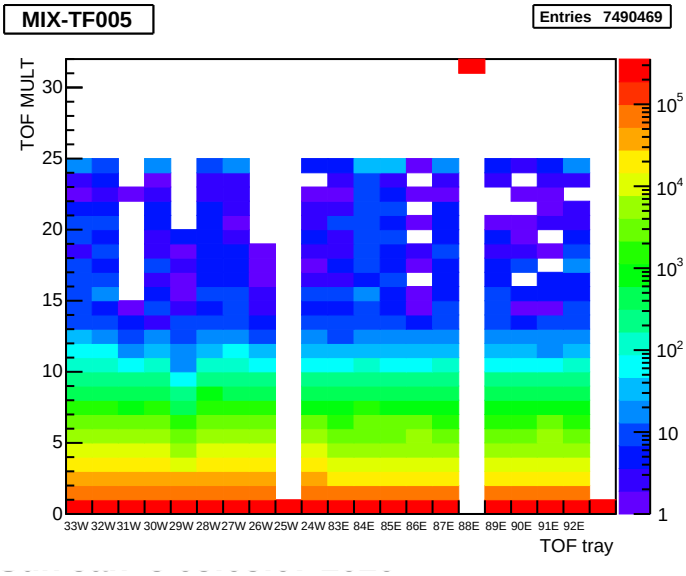

BunchId7Bit (TOFmult window)
Entries 11102

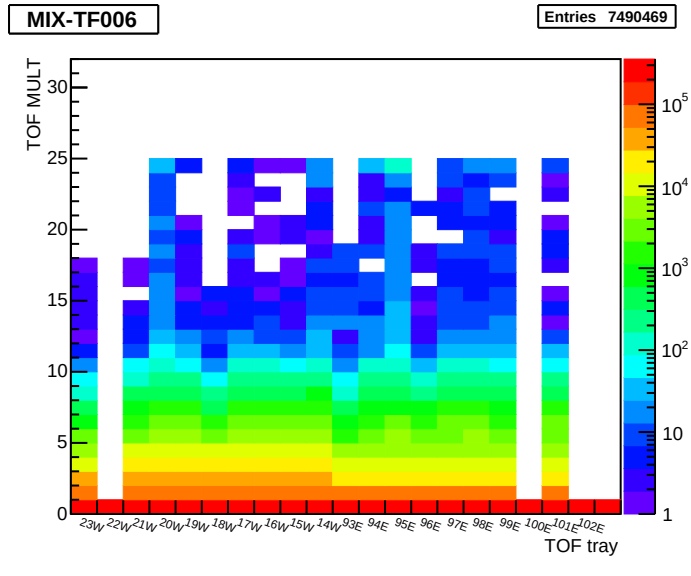

MIX-TF001
Entries 7490469
TOF MULT
TOF tray

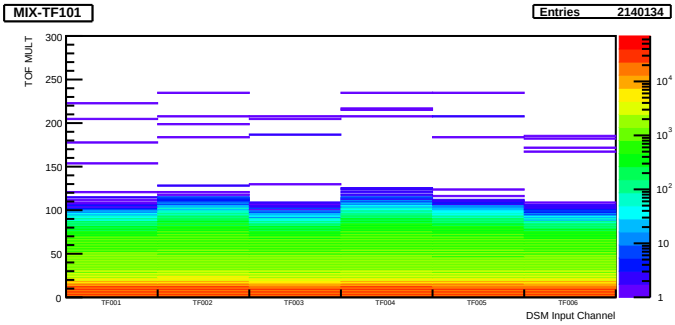

MIX-TF002
Entries 7490469
TOF MULT
TOF tray

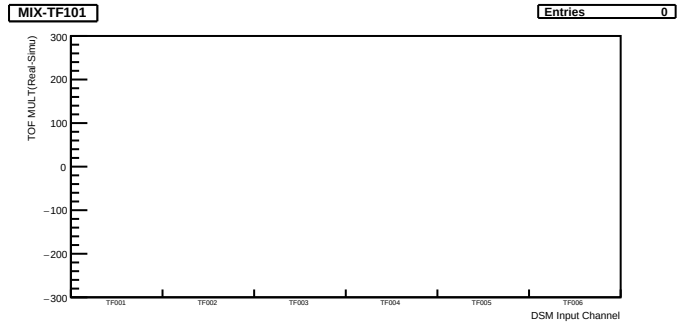

MIX-TF003
Entries 7490469
TOF MULT
TOF tray

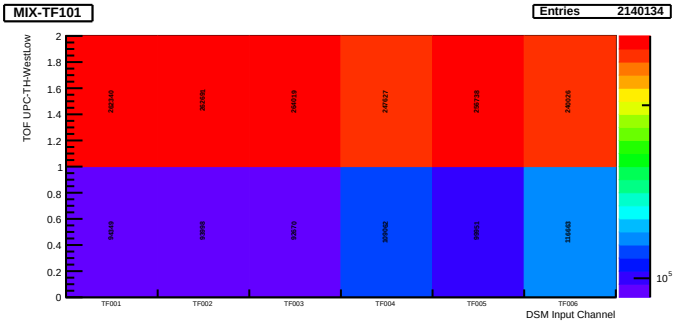

MIX-TF004
Entries 7490469
TOF MULT
TOF tray

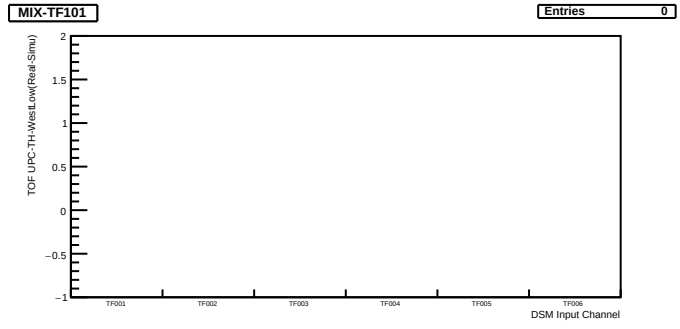

MIX-TF005
Entries 7490469
TOF MULT
TOF tray

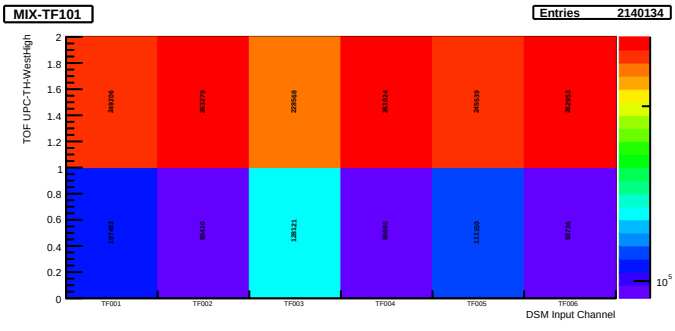

MIX-TF006
Entries 7490469
TOF MULT
TOF tray

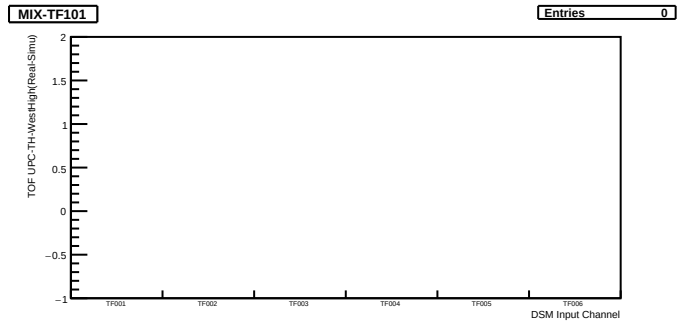

MIX-TF101
Entries 2140134
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

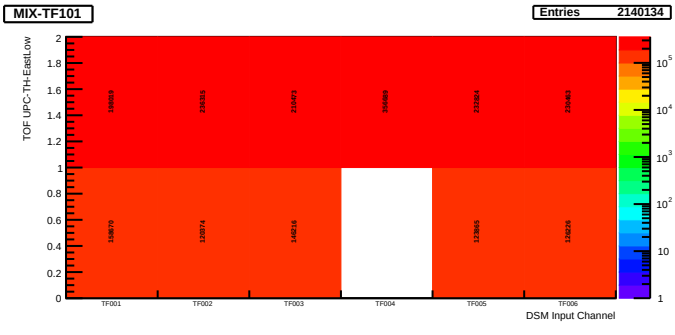

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

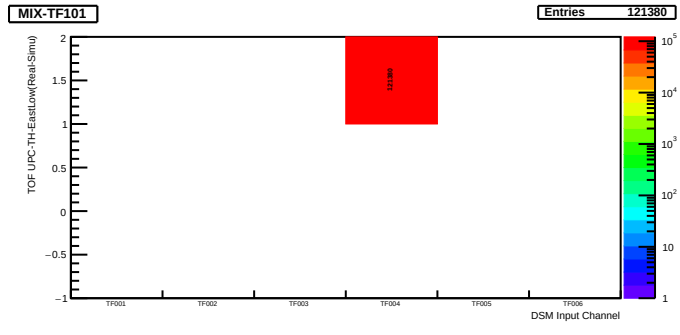

MIX-TF101
Entries 2140134
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

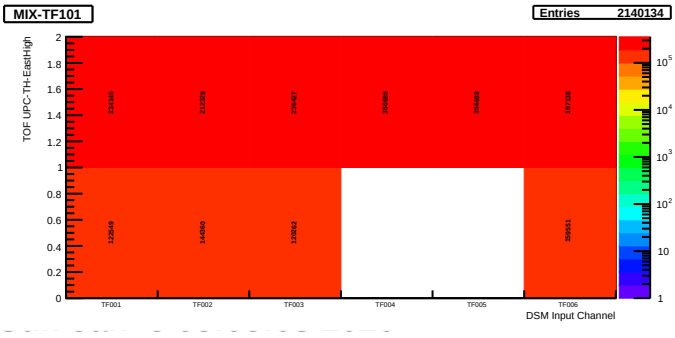

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

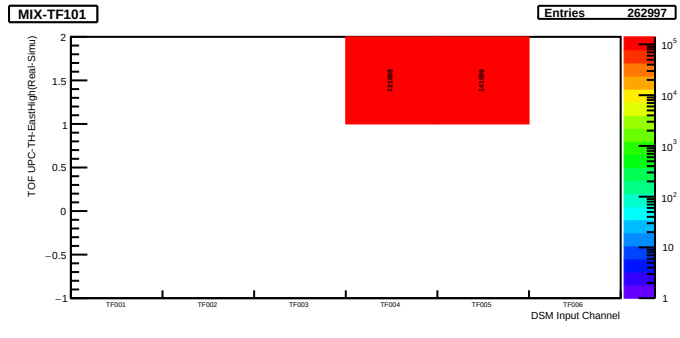

MIX-TF101
Entries 2140134
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

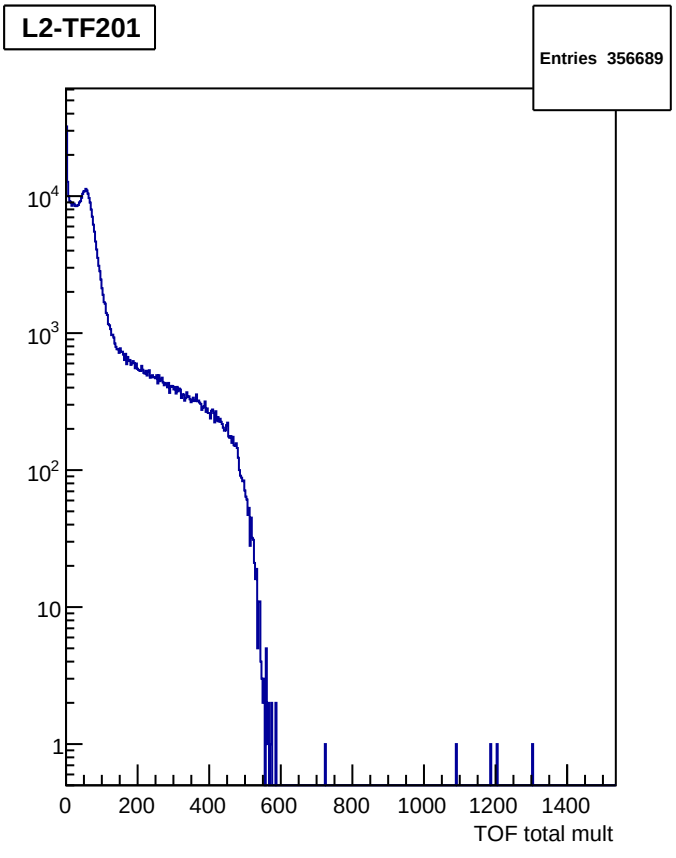

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

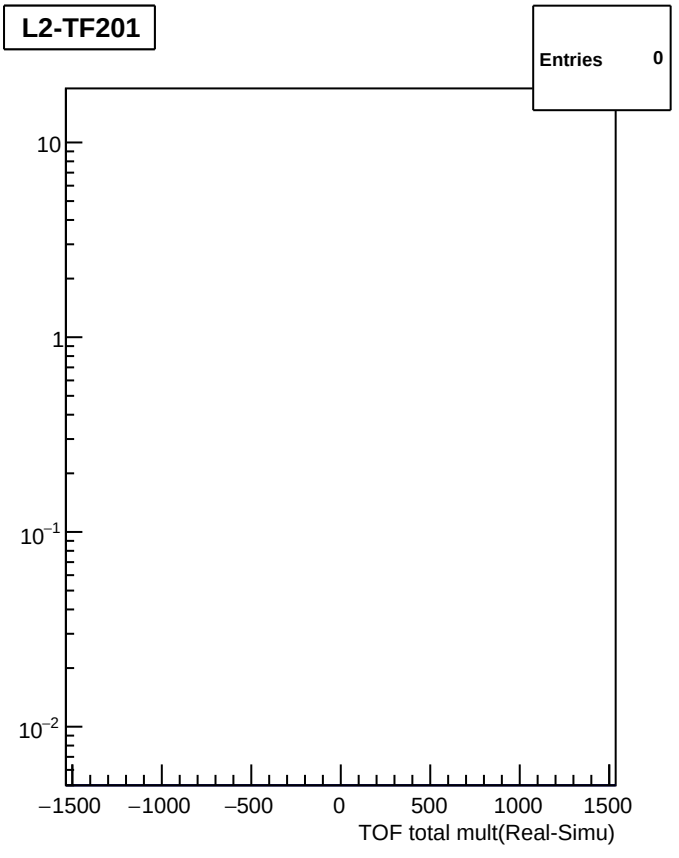

MIX-TF101
Entries 2140134
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

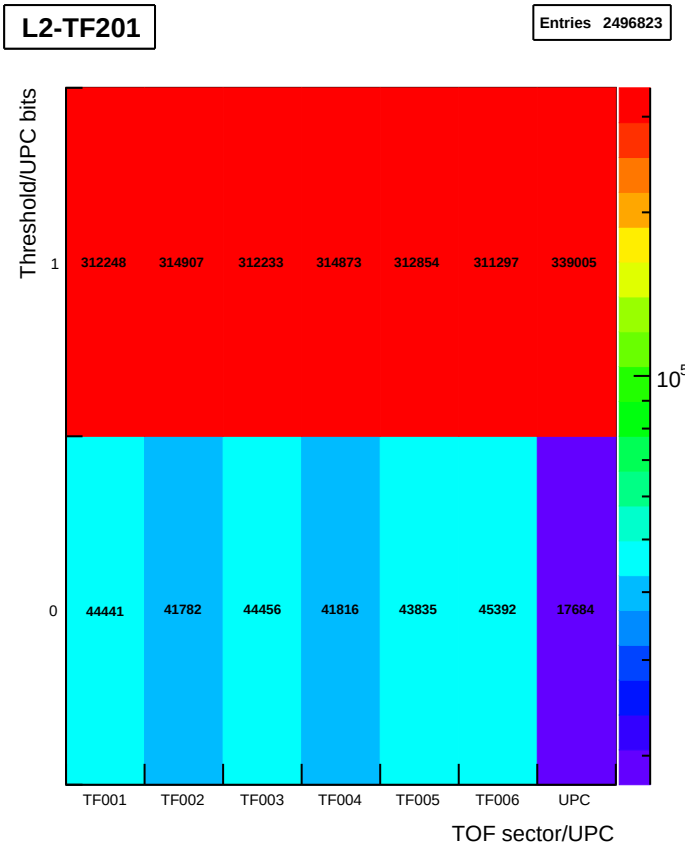

MIX-TF101
Entries 121380
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

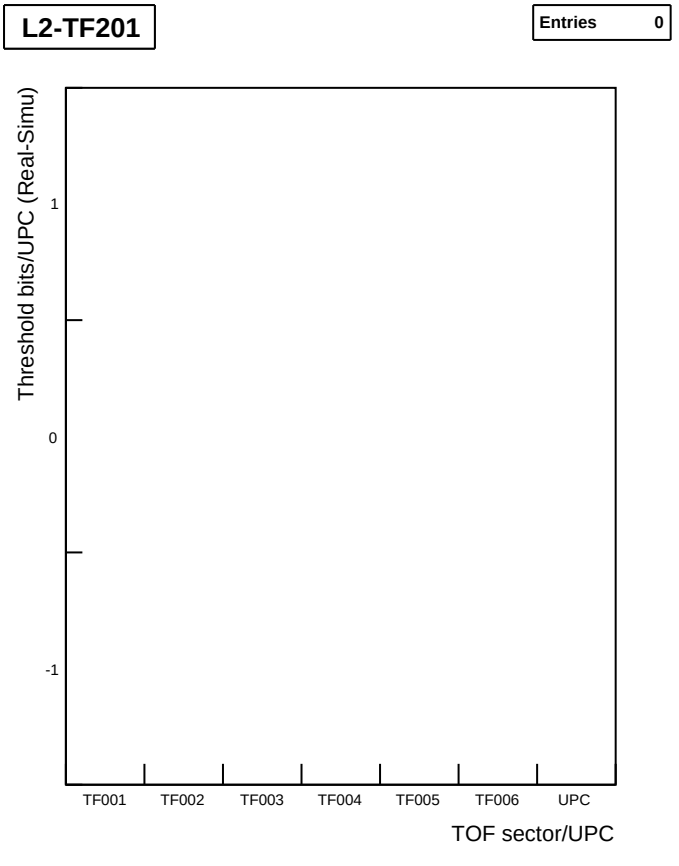

MIX-TF101
Entries 2140134
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

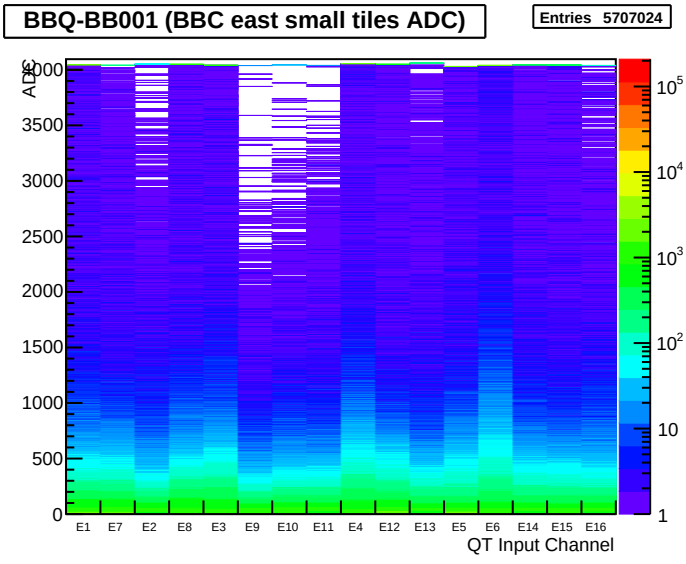

MIX-TF101
Entries 262997
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

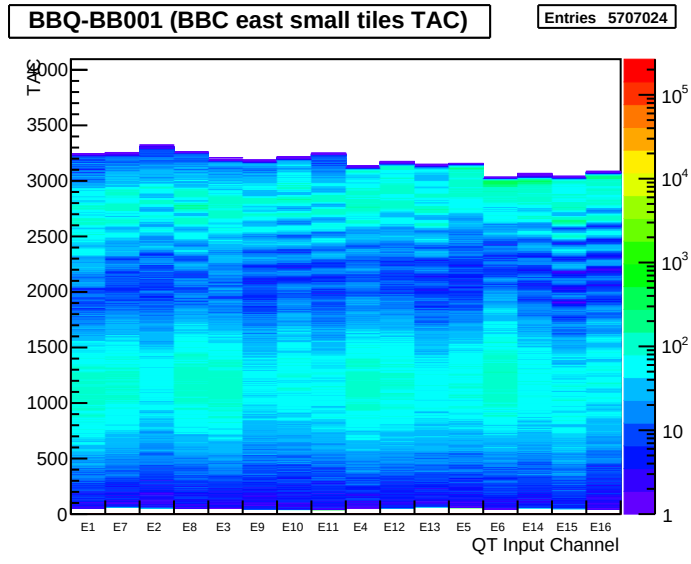

L2-TF201
Entries 356689
TOF total mult

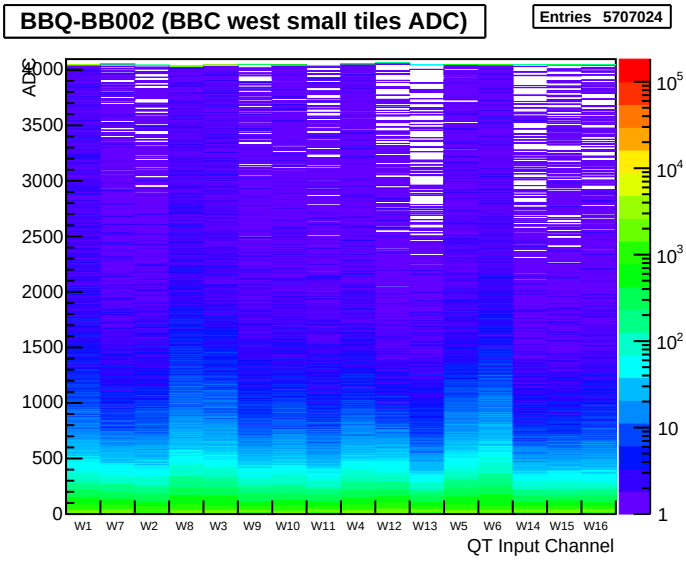

L2-TF201
Entries 0
TOF total mult(Real-Simu)

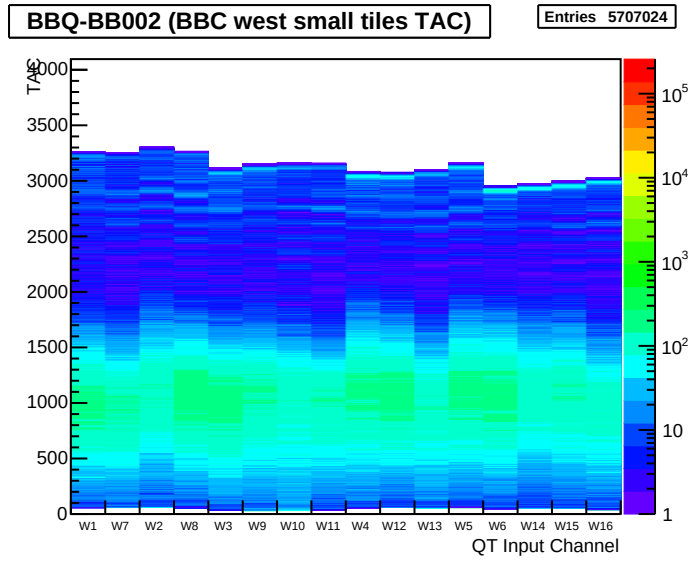

L2-TF201
Entries 2496823
Threshold/UPC bits
312248
314907
312233
314873
312854
311297
339005
44441
41782
44456
41816
43835
45392
17684
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

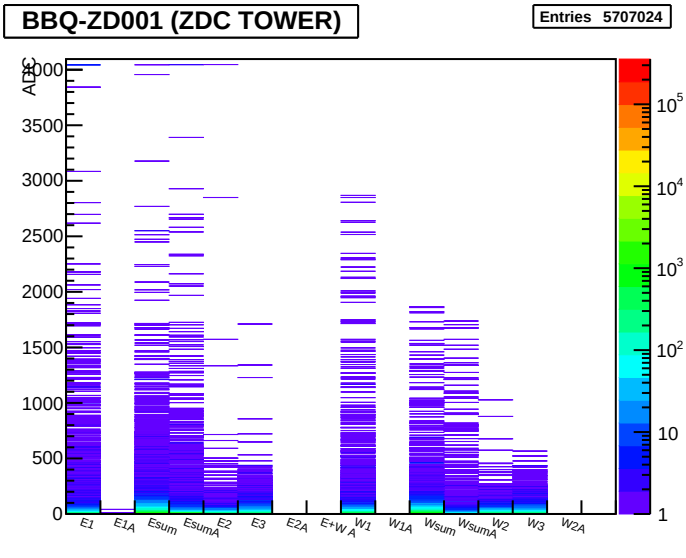

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

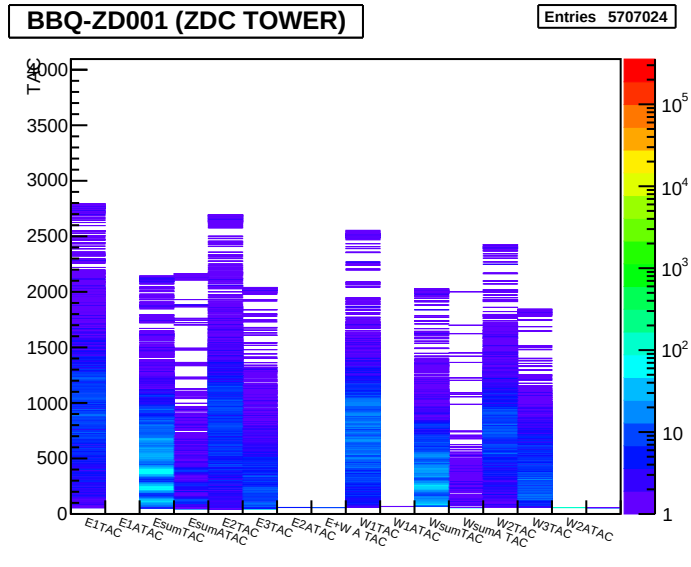

BBQ-BB001 (BBC east small tiles ADC)
Entries 5707024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

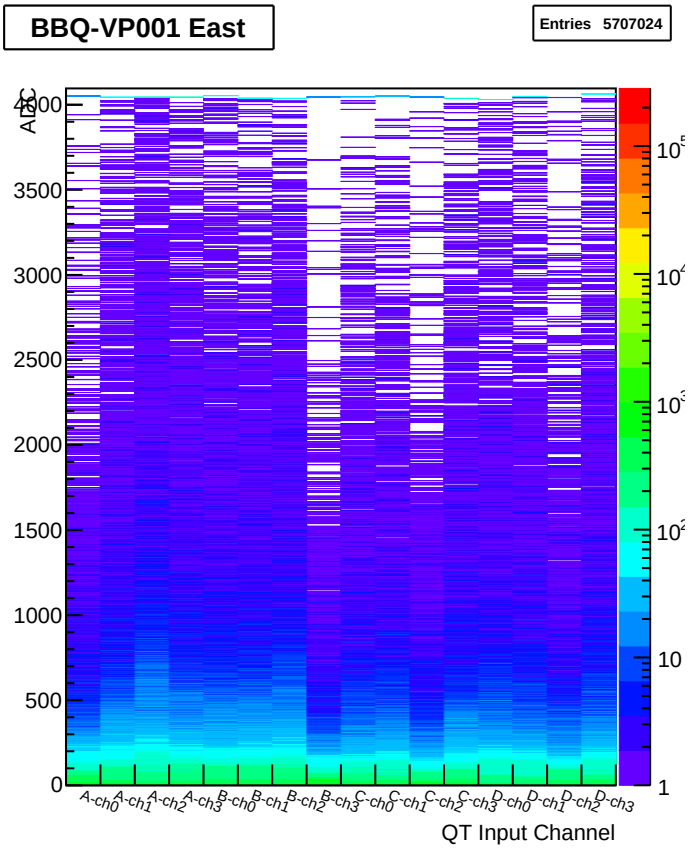

BBQ-BB001 (BBC east small tiles TAC)
Entries 5707024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

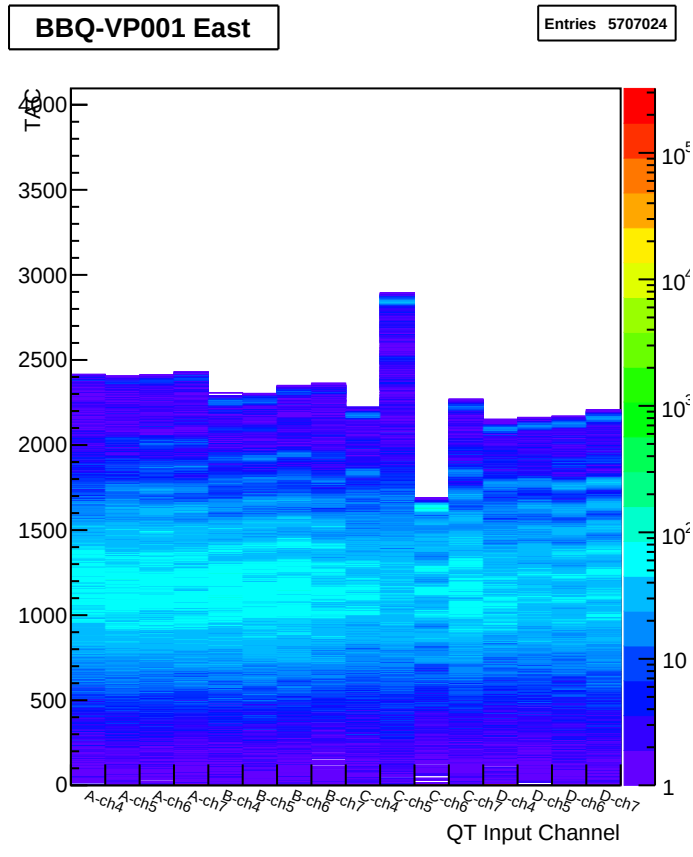

BBQ-BB002 (BBC west small tiles ADC)
Entries 5707024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

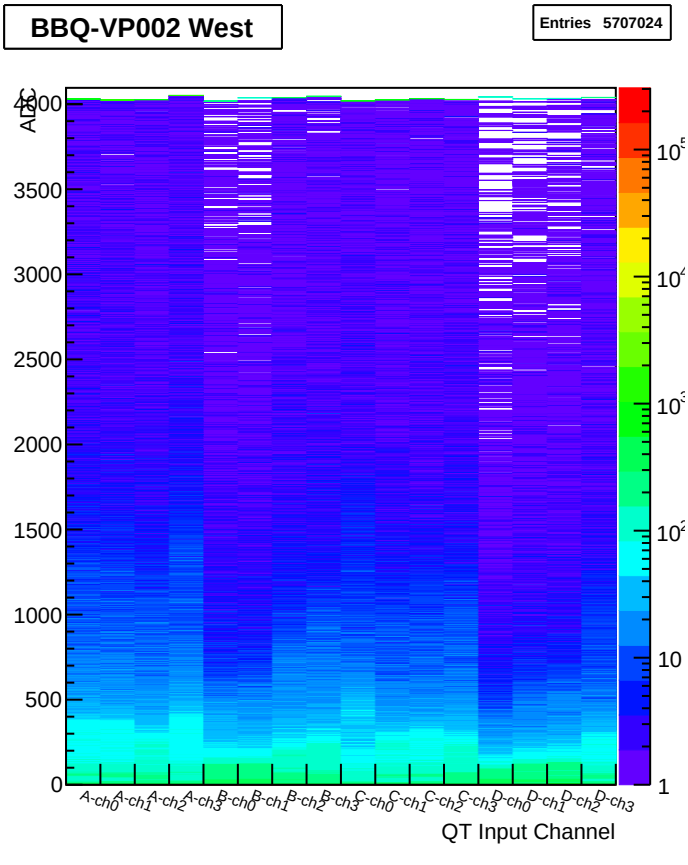

BBQ-BB002 (BBC west small tiles TAC)
Entries 5707024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

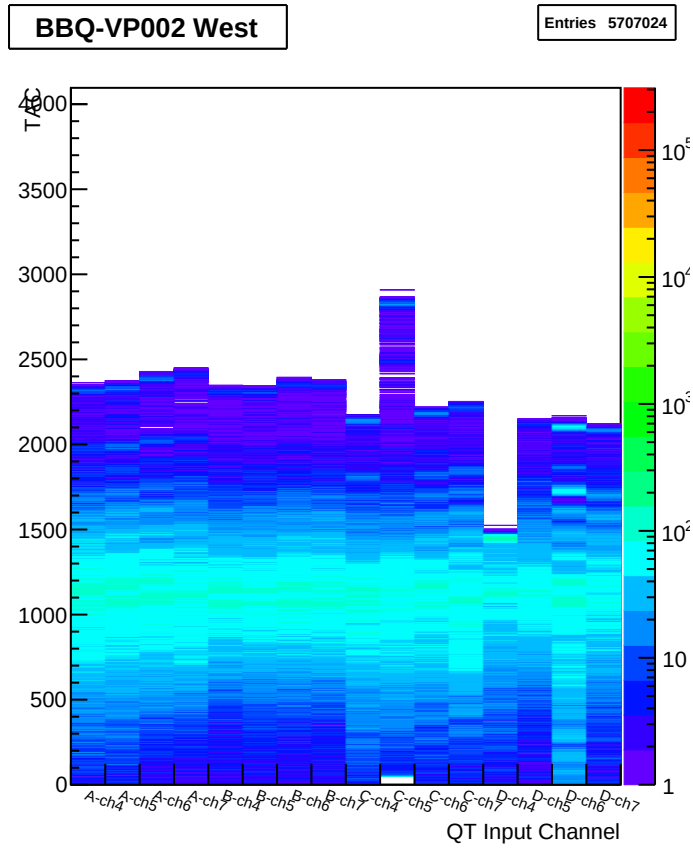

BBQ-ZD001 (ZDC TOWER)
Entries 5707024
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

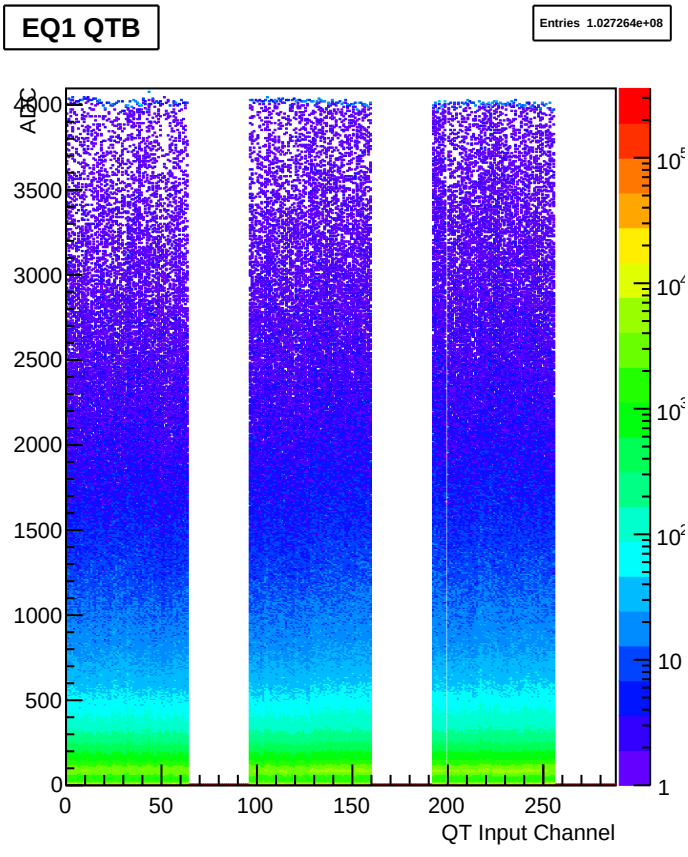

BBQ-ZD001 (ZDC TOWER)
Entries 5707024
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

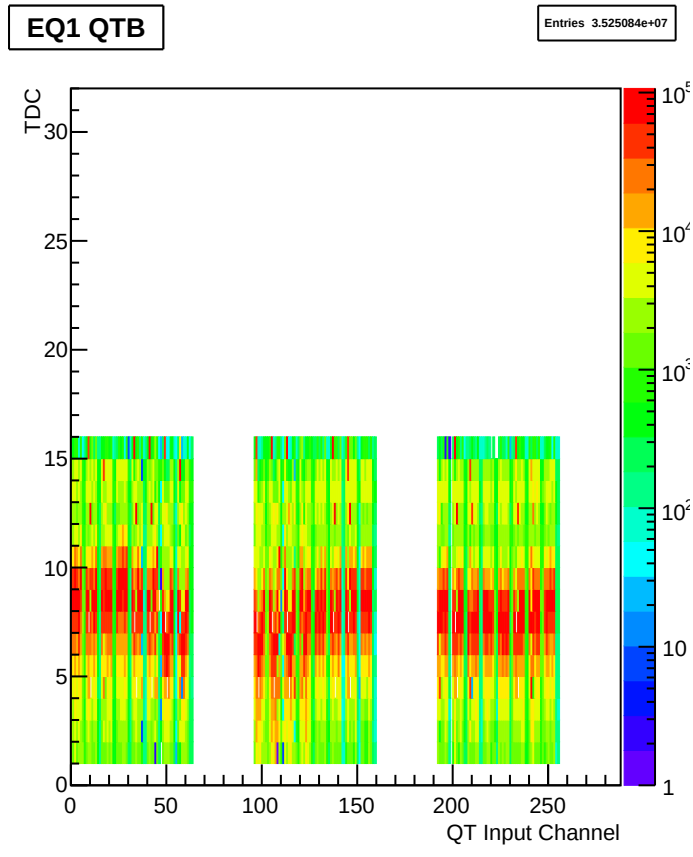

BBQ-VP001 East
Entries 5707024
ADC
QT Input Channel

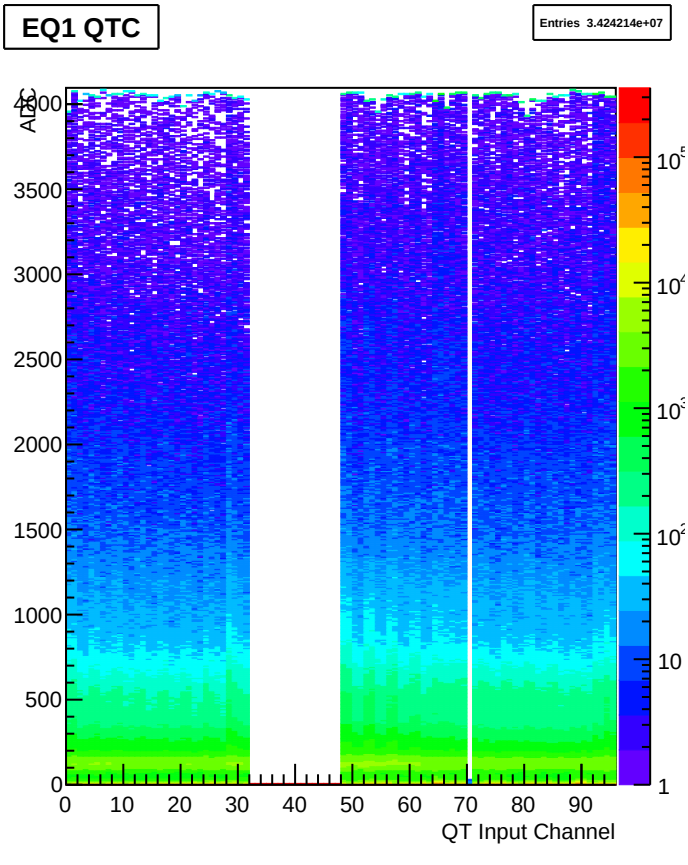

BBQ-VP001 East
Entries 5707024
ADC
QT Input Channel

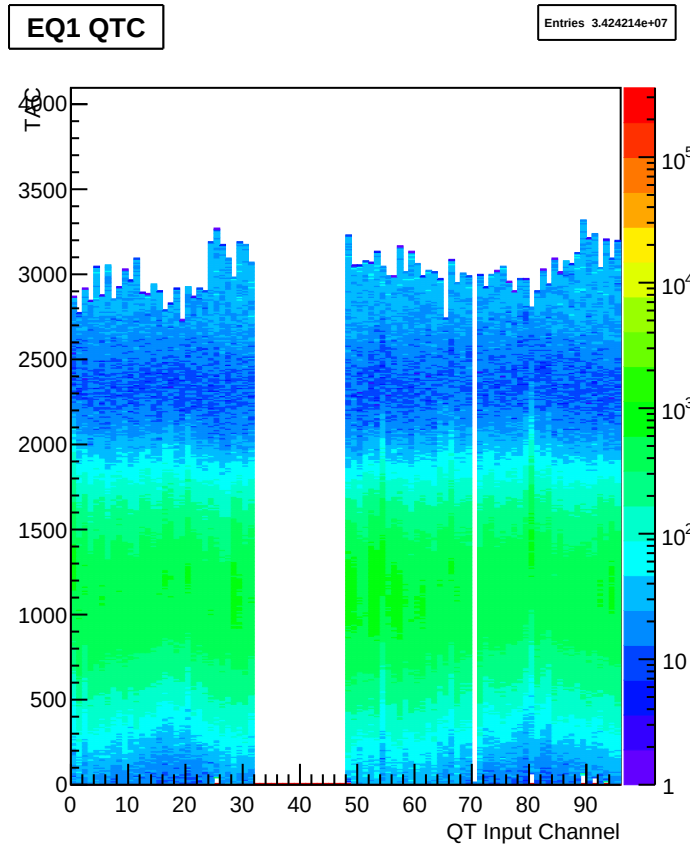

BBQ-VP002 West
Entries 5707024
ADC
QT Input Channel

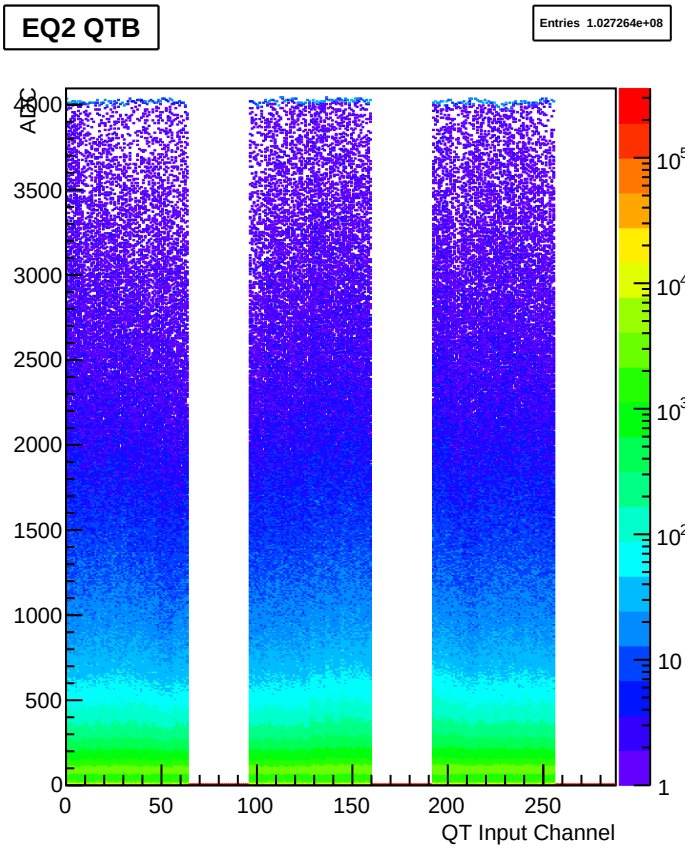

BBQ-VP002 West
Entries 5707024
ADC
QT Input Channel

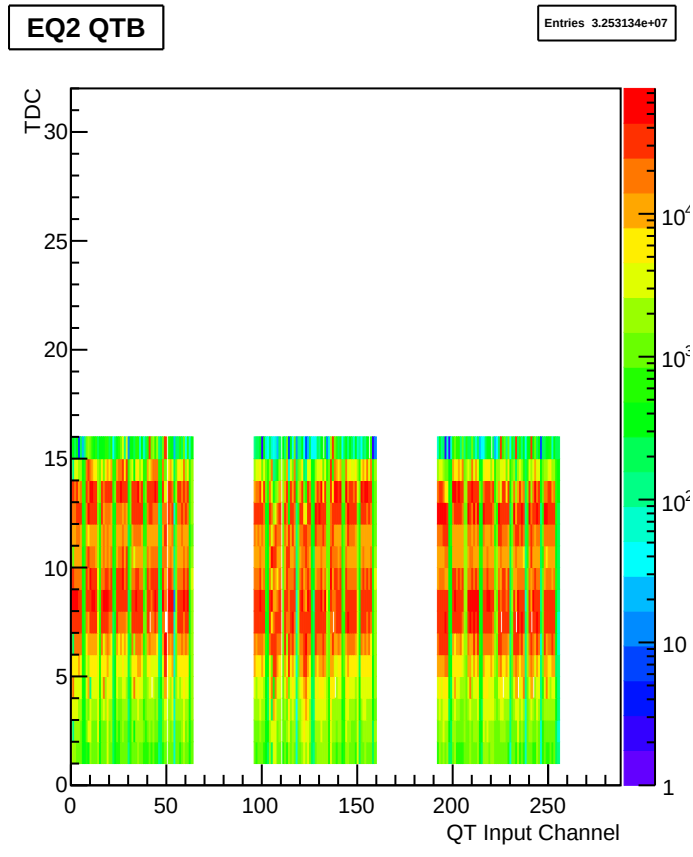

EQ1 QTB
Entries 1.027264e+08
ADC
QT Input Channel

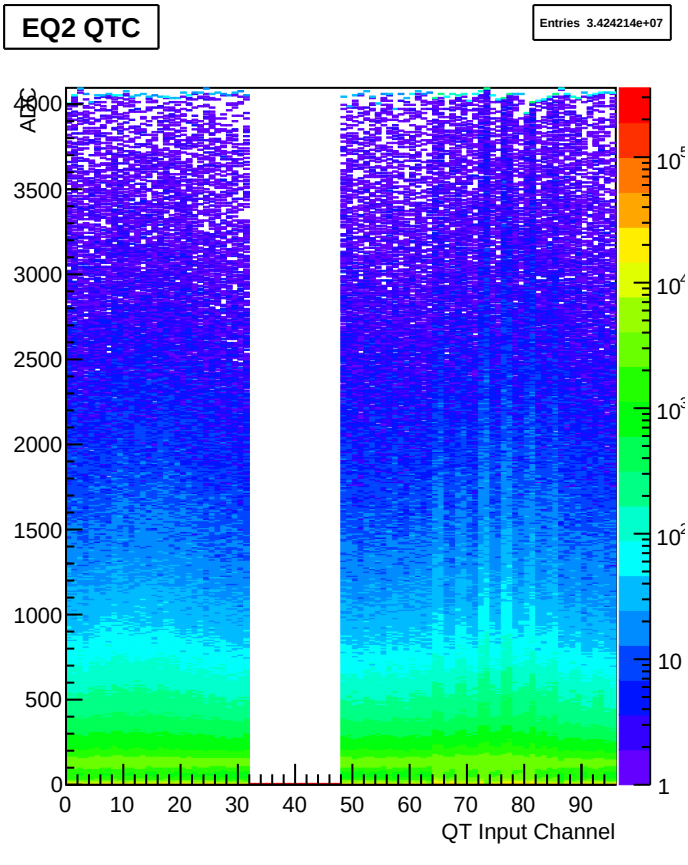

EQ1 QTB
Entries 3.525084e+07
TDC
QT Input Channel

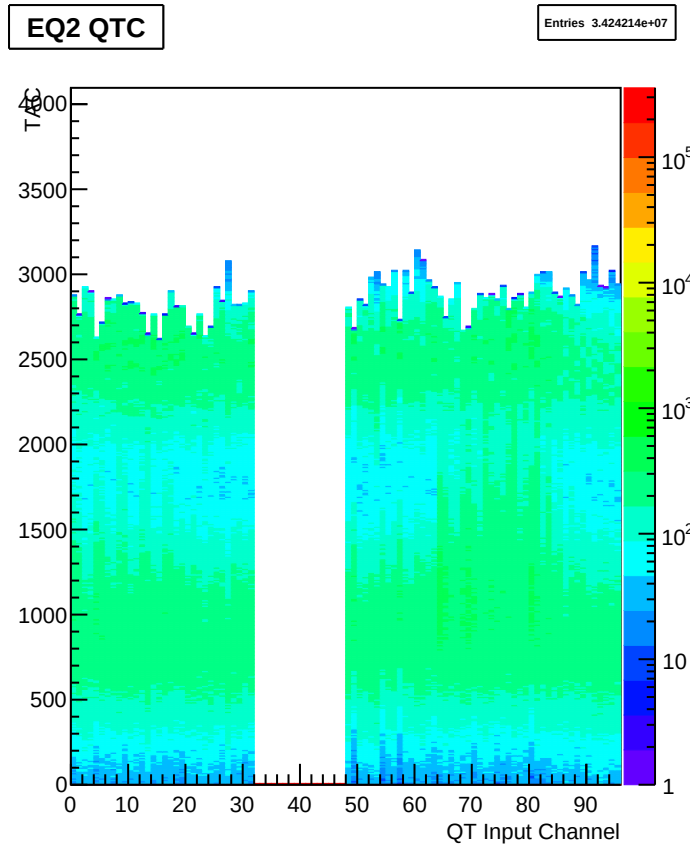

EQ1 QTC
Entries 3.424214e+07
ADC
QT Input Channel

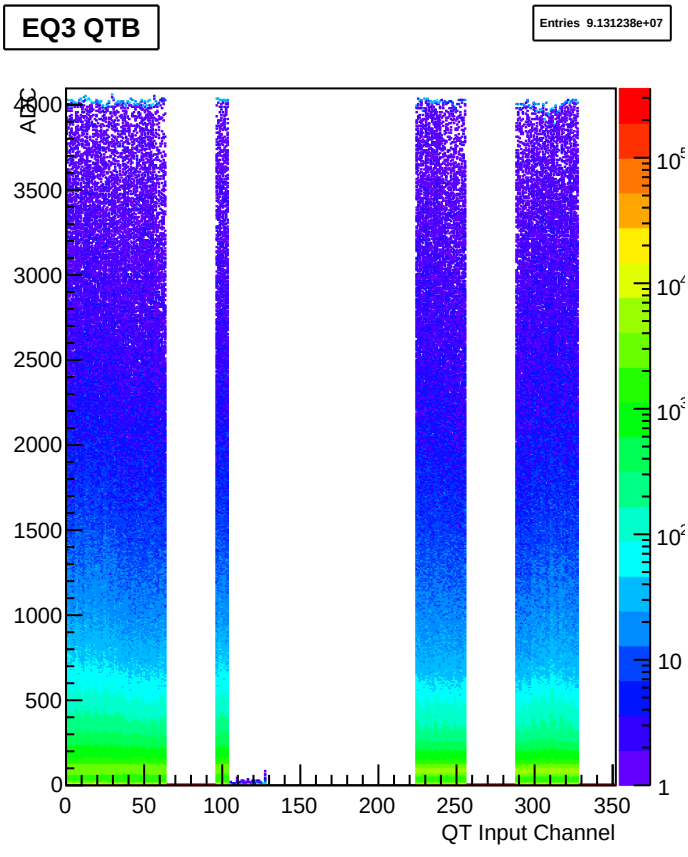

EQ1 QTC
Entries 3.424214e+07
TADC
QT Input Channel

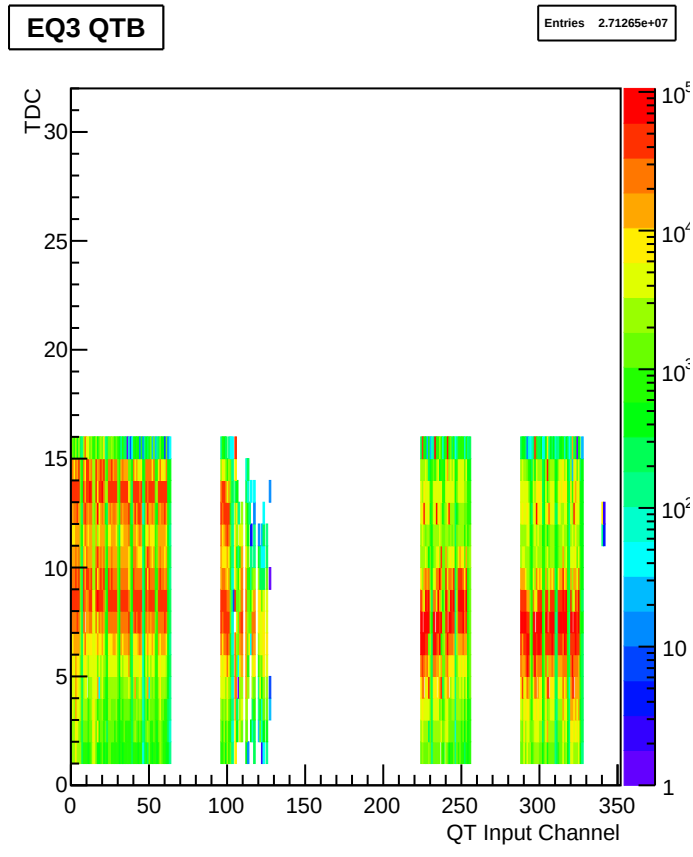

EQ2 QTB
Entries 1.027264e+08
ADC
QT Input Channel

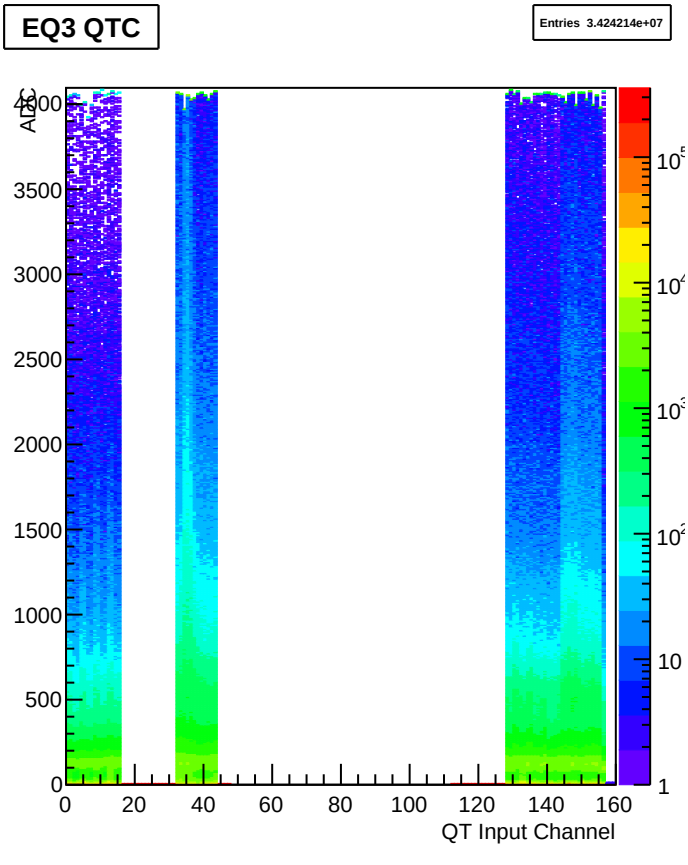

EQ2 QTB
Entries 3.253134e+07
TDC
QT Input Channel

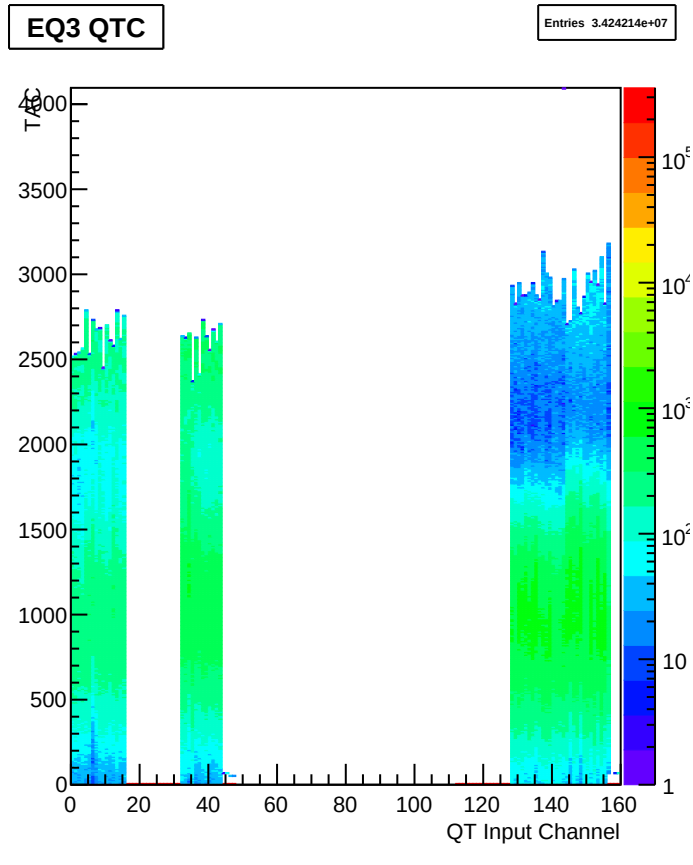

EQ2 QTC
Entries 3.424214e+07
ADC
QT Input Channel

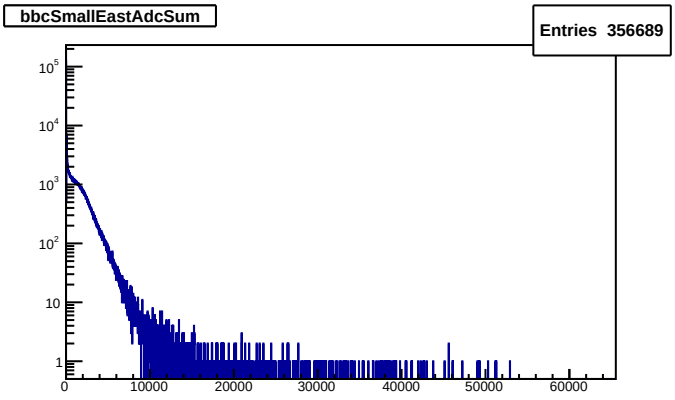

EQ2 QTC
Entries 3.424214e+07
TADC
QT Input Channel

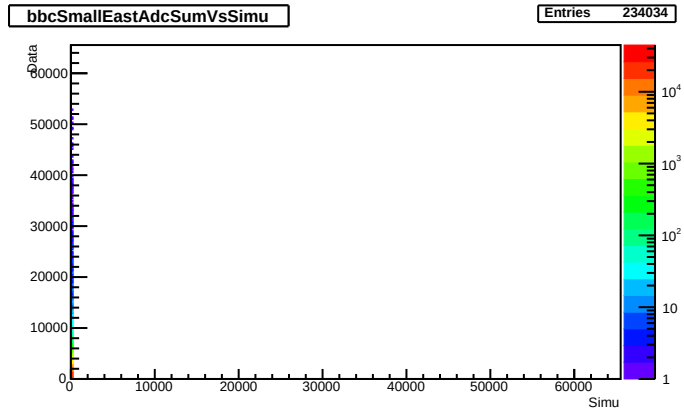

EQ3 QTB
Entries 9.131238e+07
ADC
QT Input Channel

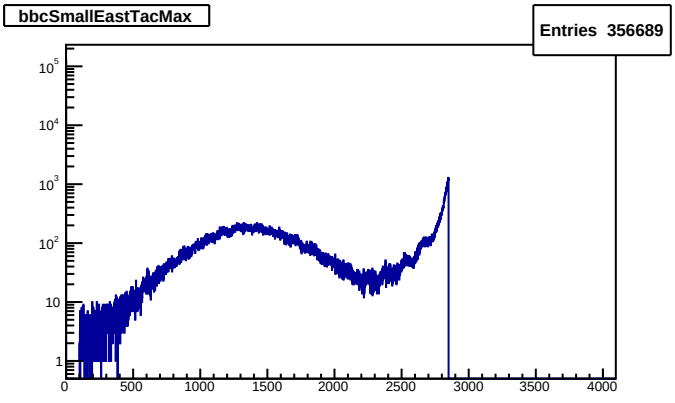

EQ3 QTB
Entries 2.71265e+07
TDC
QT Input Channel

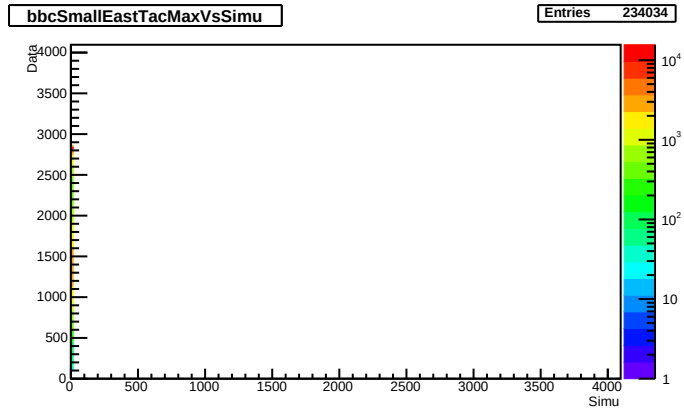

EQ3 QTC
Entries 3.424214e+07
ADC
QT Input Channel

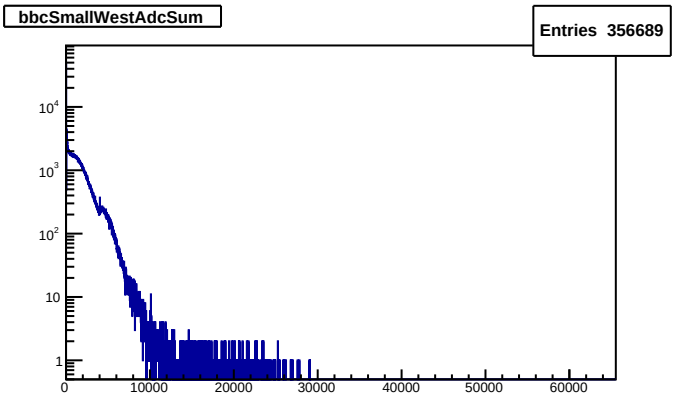

EQ3 QTC
Entries 3.424214e+07
TADC
QT Input Channel

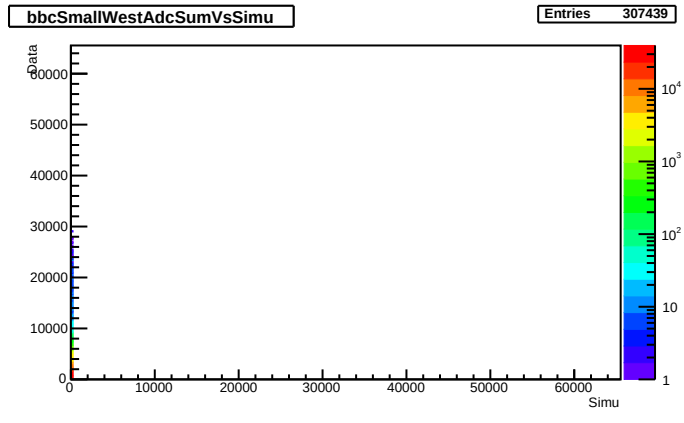

bbcSmallEastAdcSum
Entries 356689

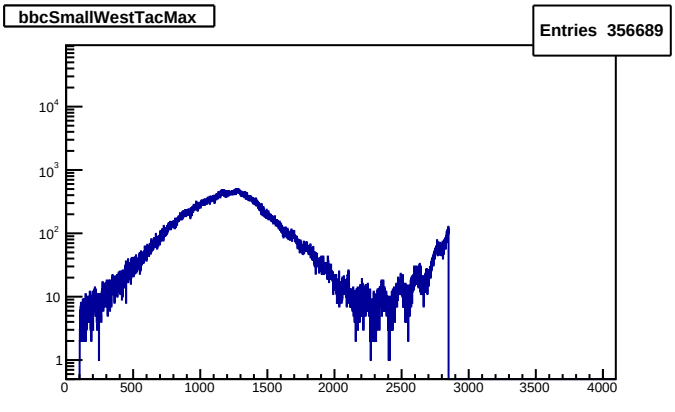

bbcSmallEastAdcSumVsSimu
Entries 234034
Data
Simu

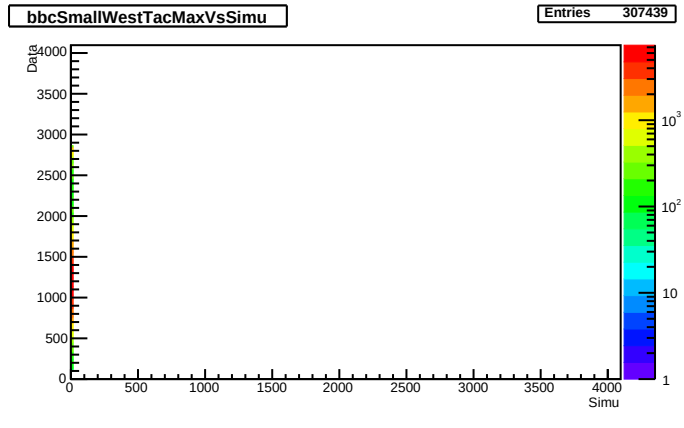

bbcSmallEastTacMax
Entries 356689

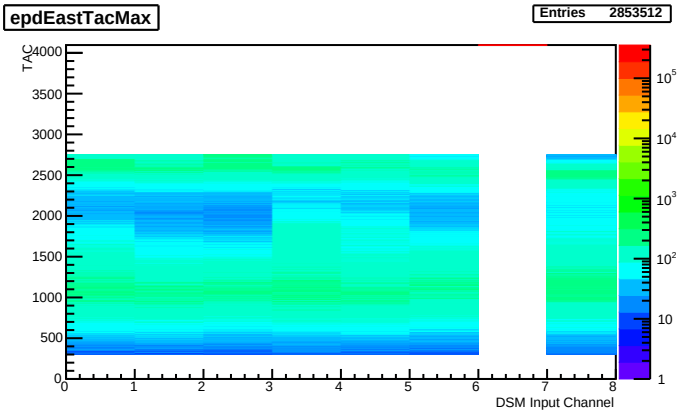

bbcSmallEastTacMaxVsSimu
Entries 234034
Data
Simu

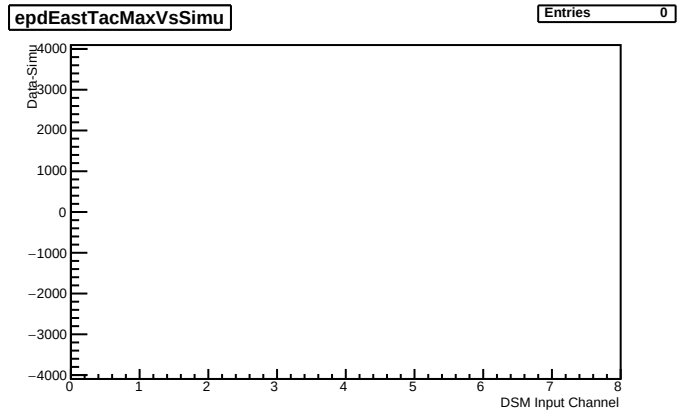

bbcSmallWestAdcSum
Entries 356689

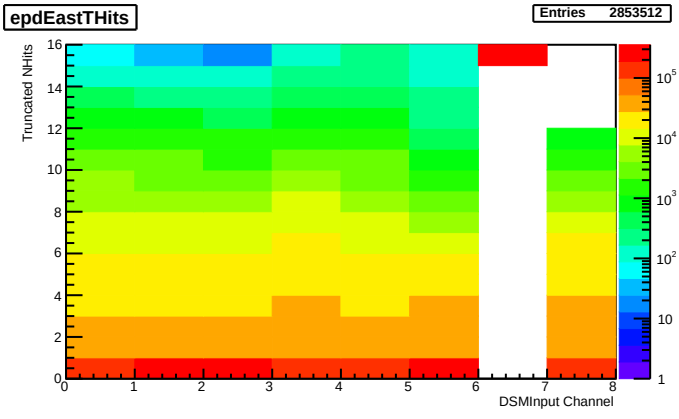

bbcSmallWestAdcSumVsSimu
Entries 307439
Data
Simu

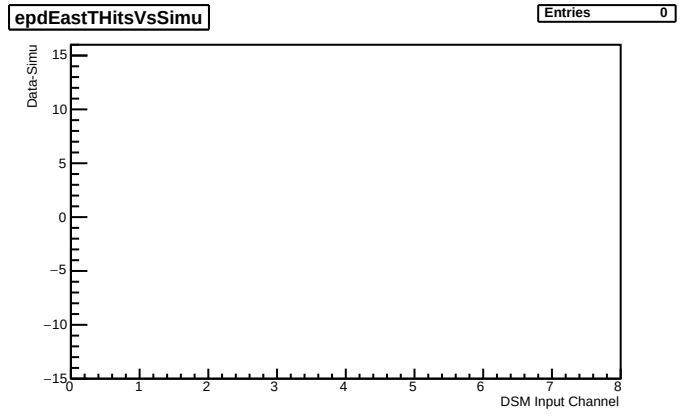

bbcSmallWestTacMax
Entries 356689

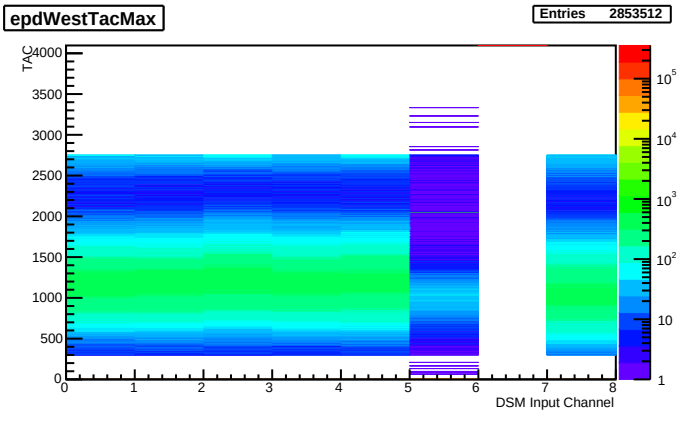

bbcSmallWestTacMaxVsSimu
Entries 307439
Data
Simu

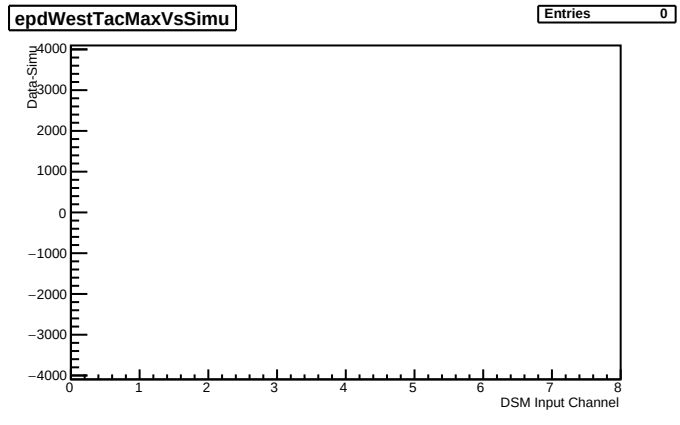

epdEastTacMax
Entries 2853512
TAC
DSM Input Channel

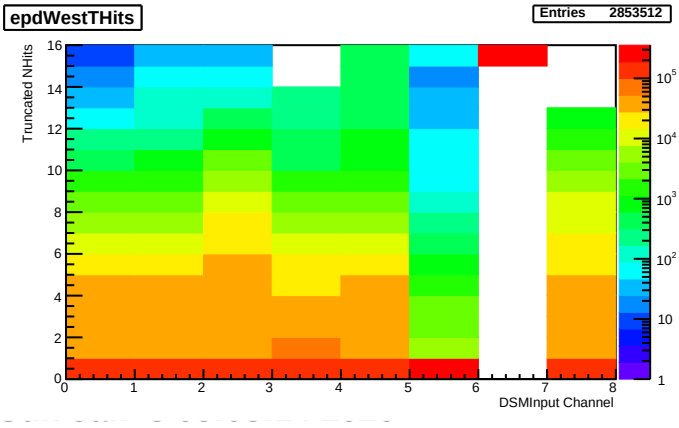

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

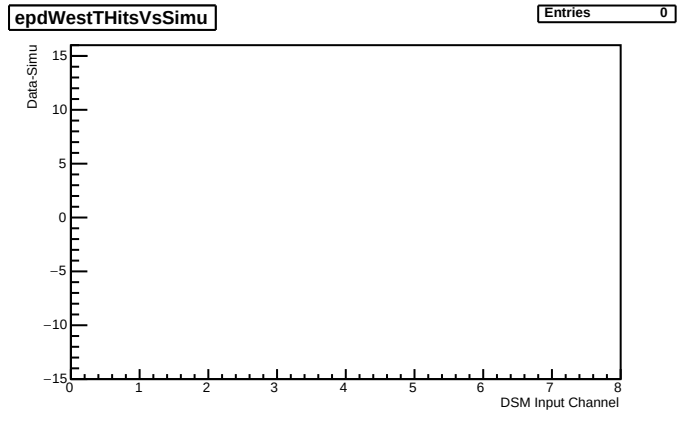

epdEastTHits
Entries 2853512
Truncated NHits
DSMInput Channel

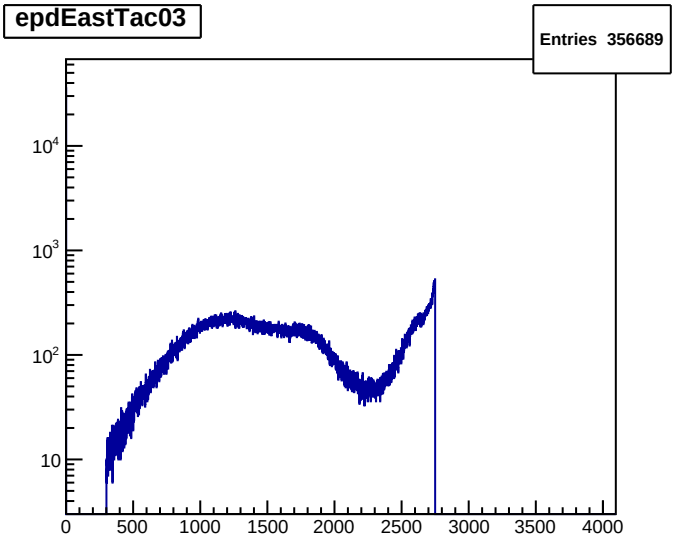

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

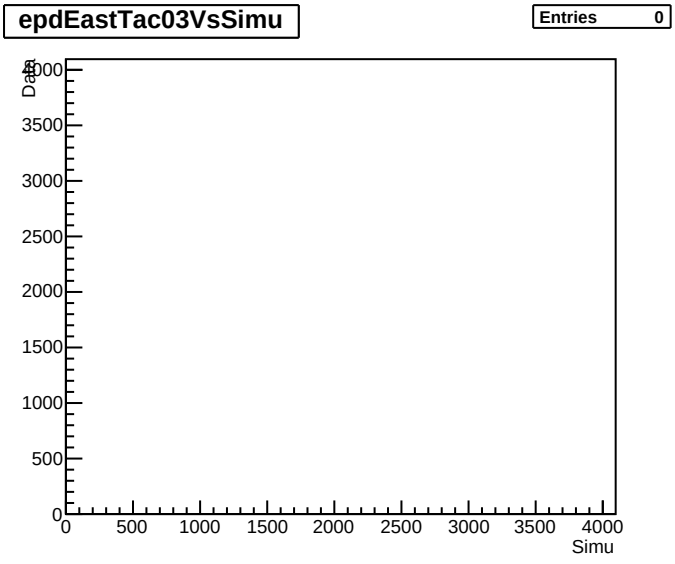

epdWestTacMax
Entries 2853512
TAC
DSM Input Channel

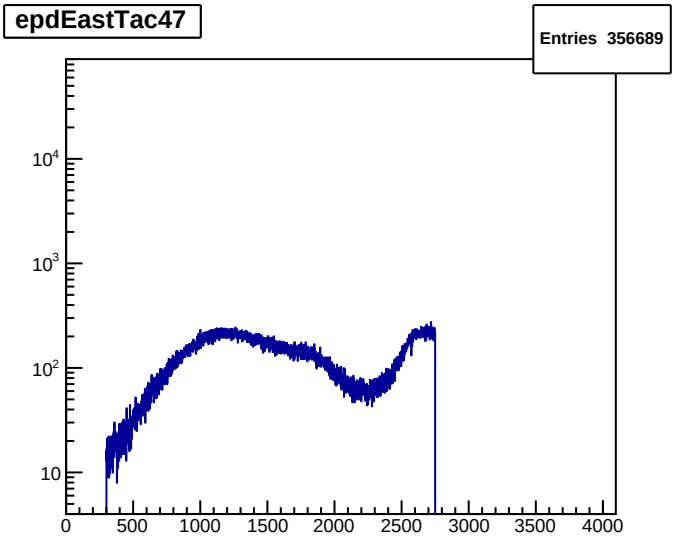

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

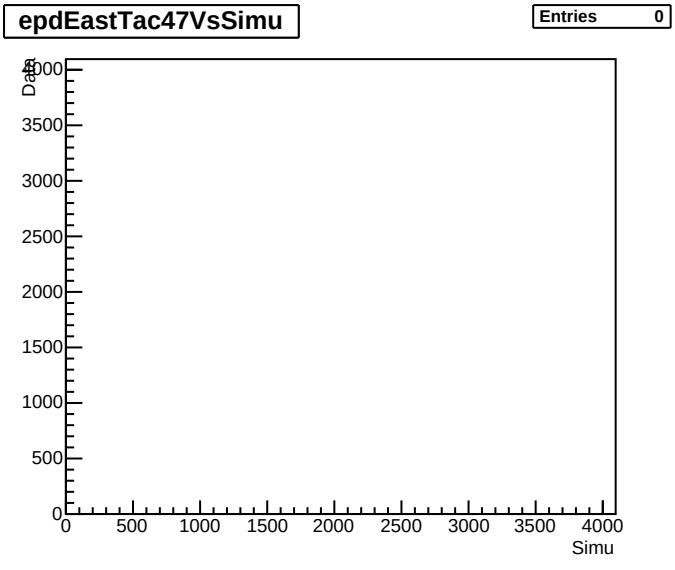

epdWestTHits
Entries 2853512
Truncated NHits
DSMInput Channel

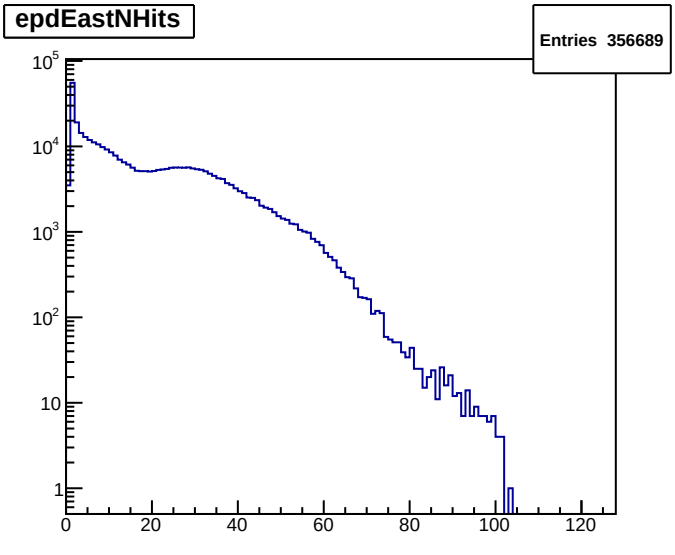

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

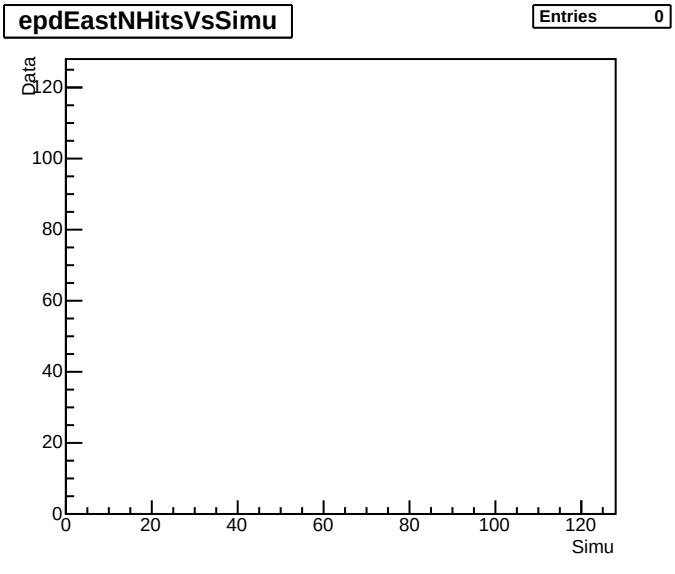

epdEastTac03
Entries 356689

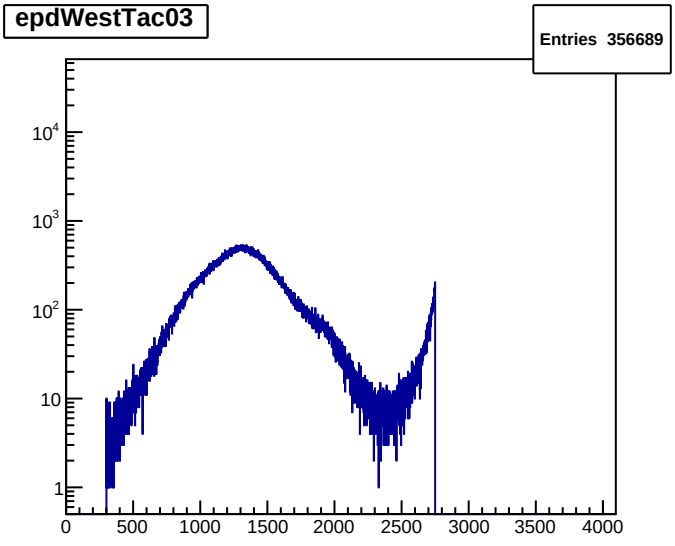

epdEastTac03VsSimu
Entries 0
Data
Simu

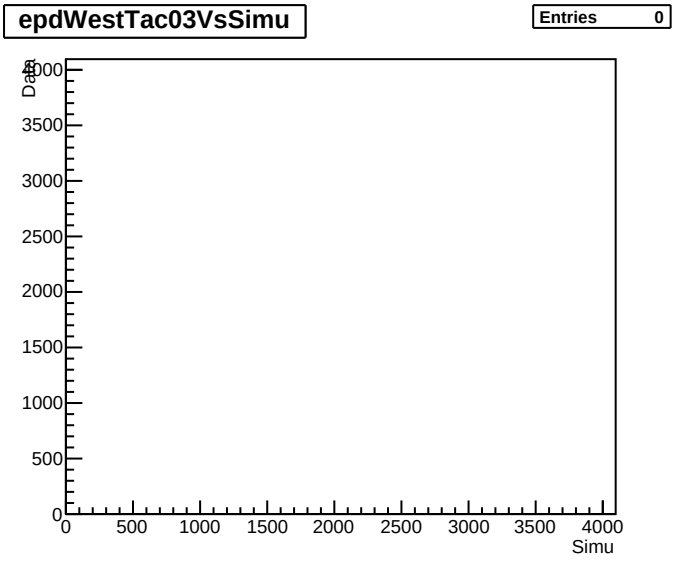

epdEastTac47
Entries 356689

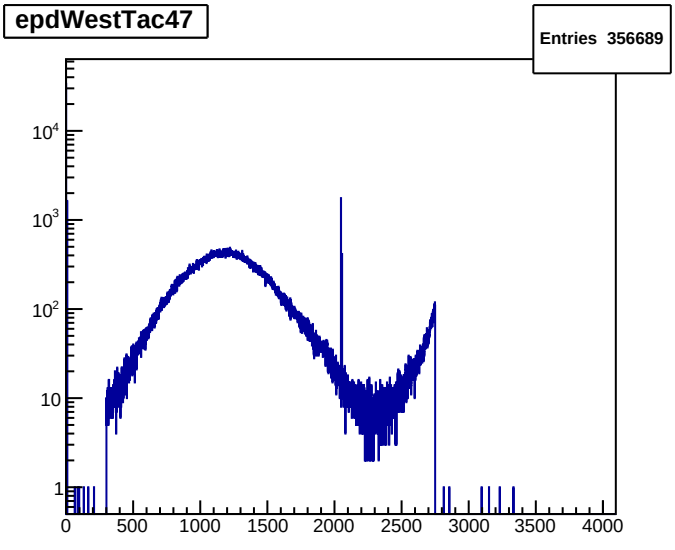

epdEastTac47VsSimu
Entries 0
Data
Simu

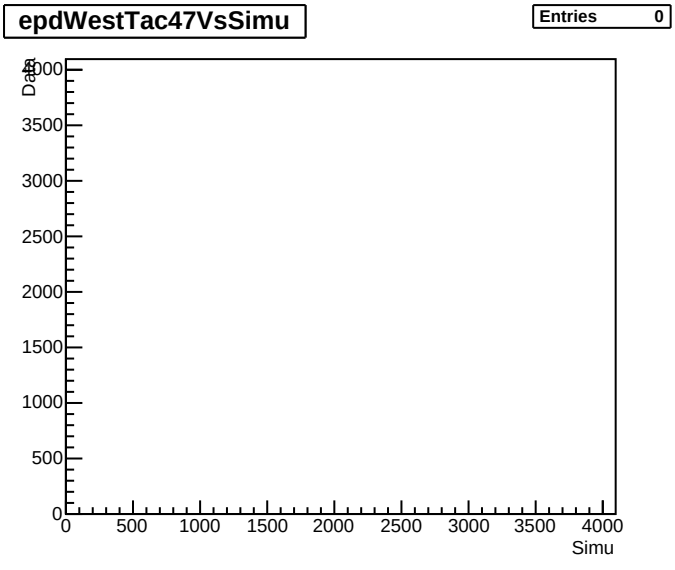

epdEastNHits
Entries 356689

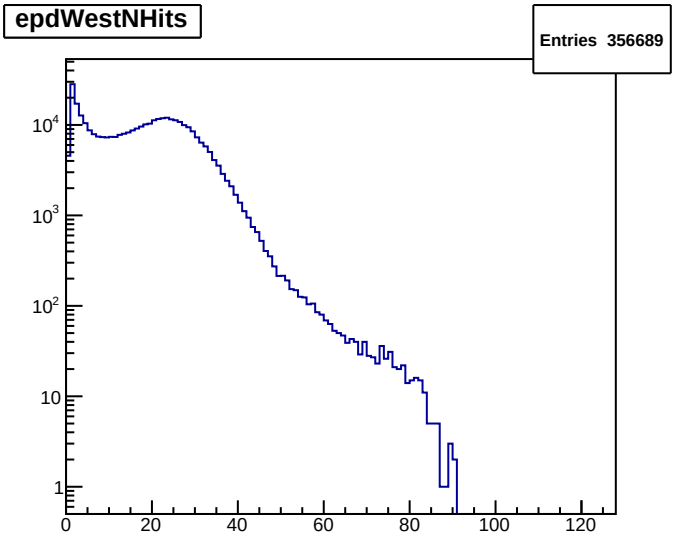

epdEastNHitsVsSimu
Entries 0
Data
Simu

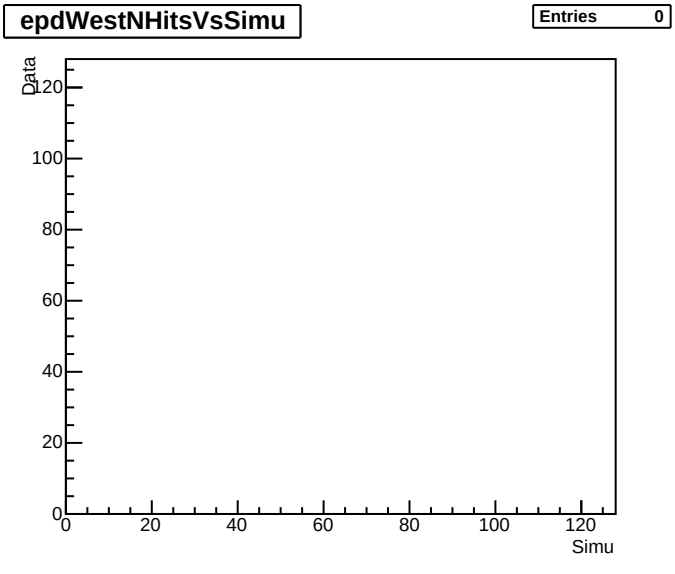

epdWestTac03
Entries 356689

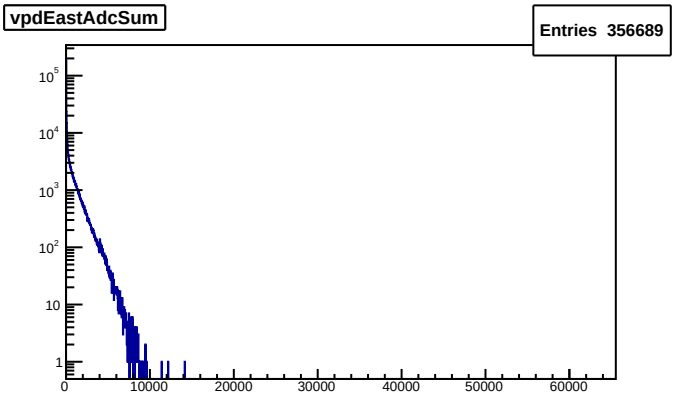

epdWestTac03VsSimu
Entries 0
Data
Simu

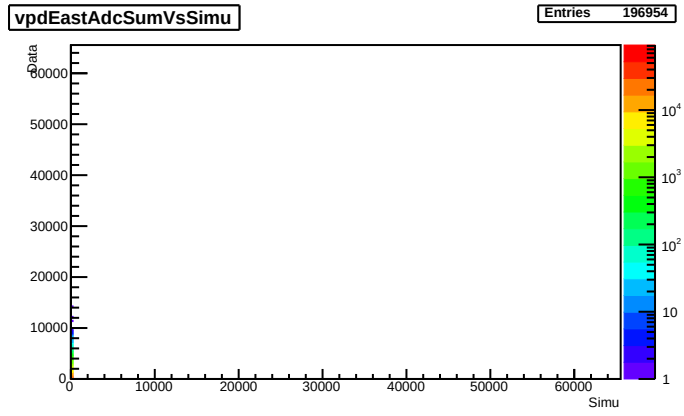

epdWestTac47
Entries 356689

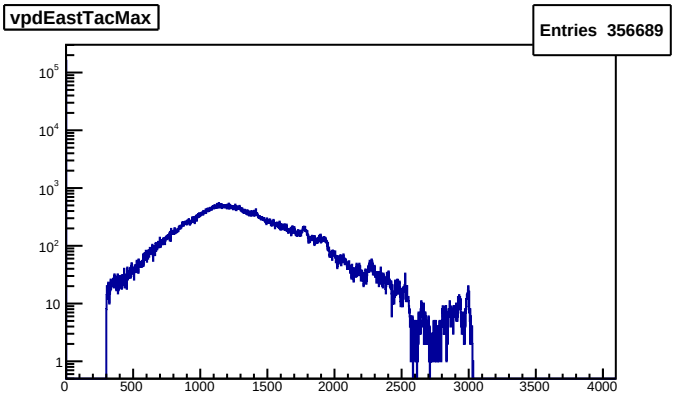

epdWestTac47VsSimu
Entries 0
Data
Simu

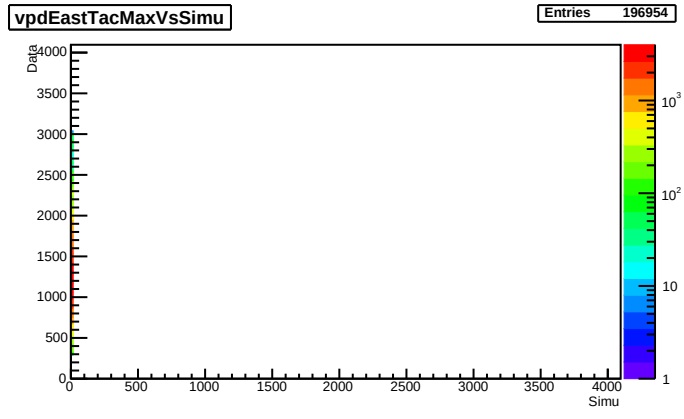

epdWestNHits
Entries 356689

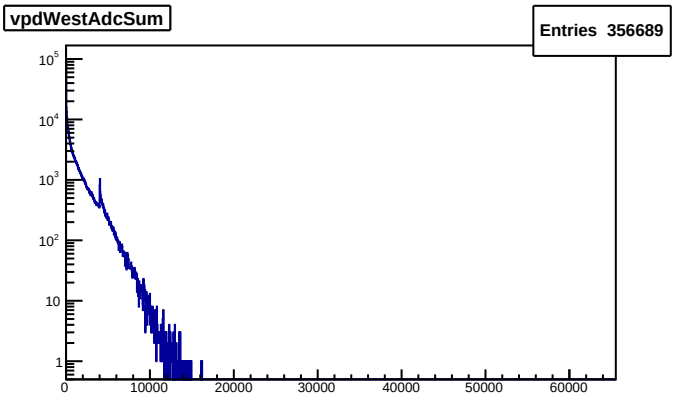

epdWestNHitsVsSimu
Entries 0
Data
Simu

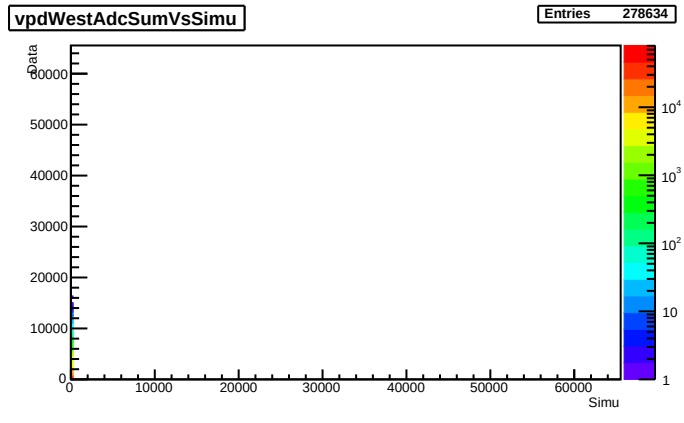

vpdEastAdcSum
Entries 356689

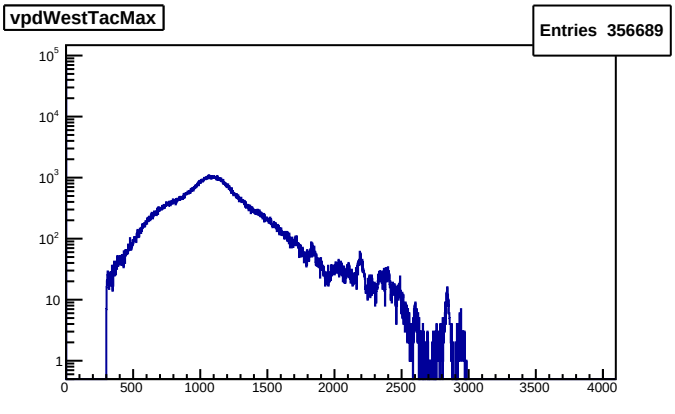

vpdEastAdcSumVsSimu
Entries 196954
Data
Simu

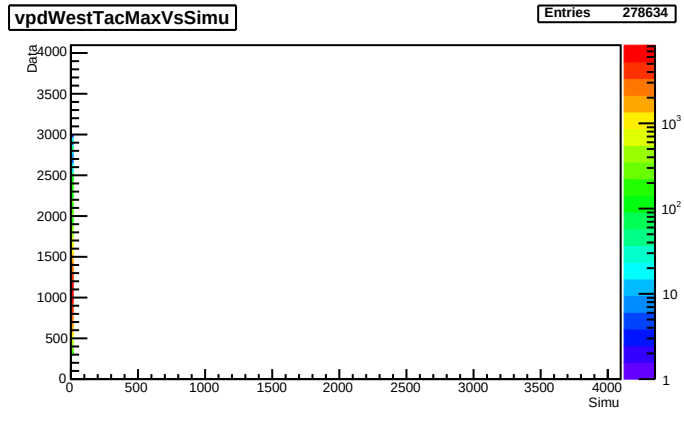

vpdEastTacMax
Entries 356689

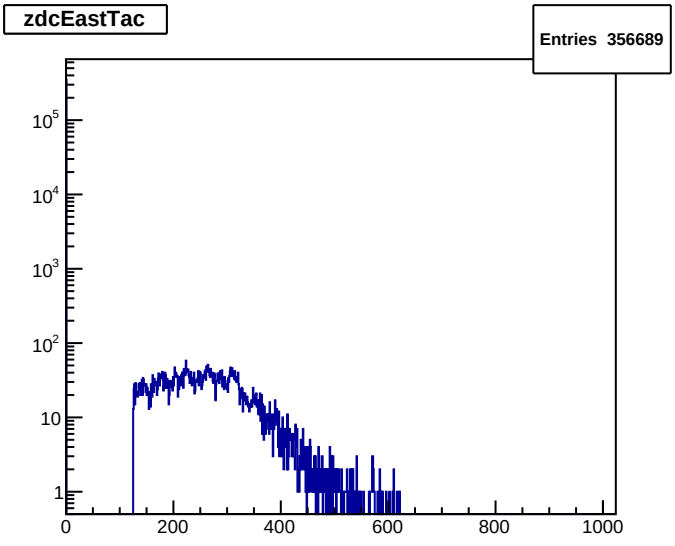

vpdEastTacMaxVsSimu
Entries 196954
Data
Simu

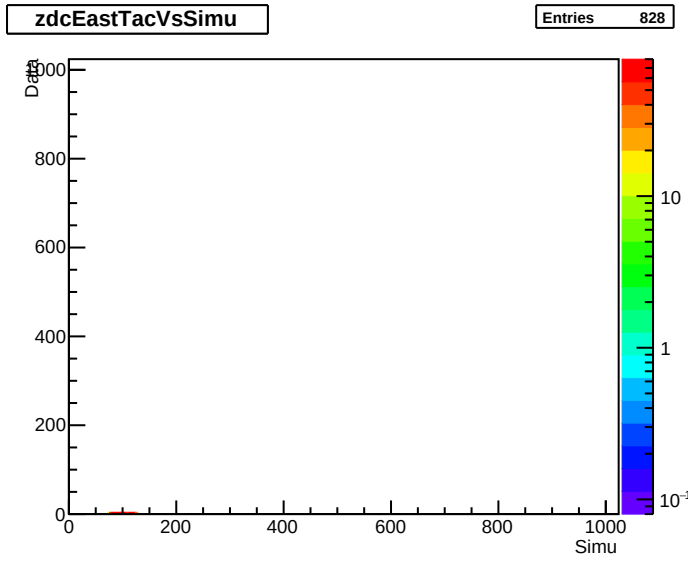

vpdWestAdcSum
Entries 356689

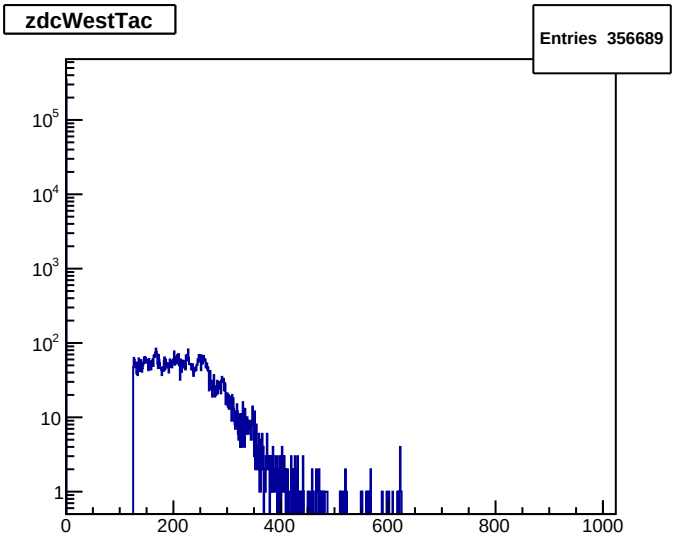

vpdWestAdcSumVsSimu
Entries 278634
Data
Simu

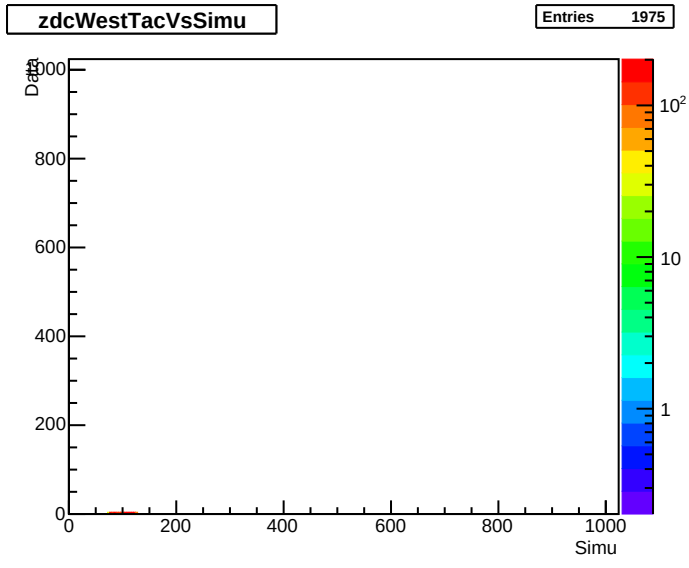

vpdWestTacMax
Entries 356689

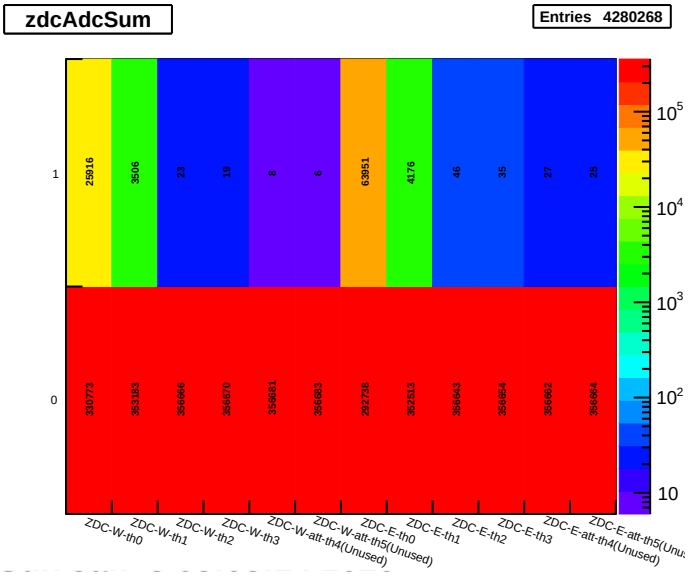

vpdWestTacMaxVsSimu
Entries 278634
Data
Simu

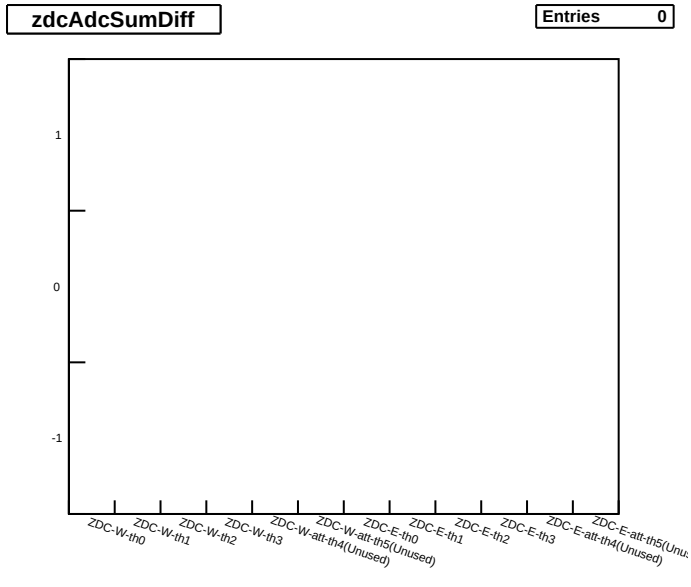

zdcEastTac
Entries 356689

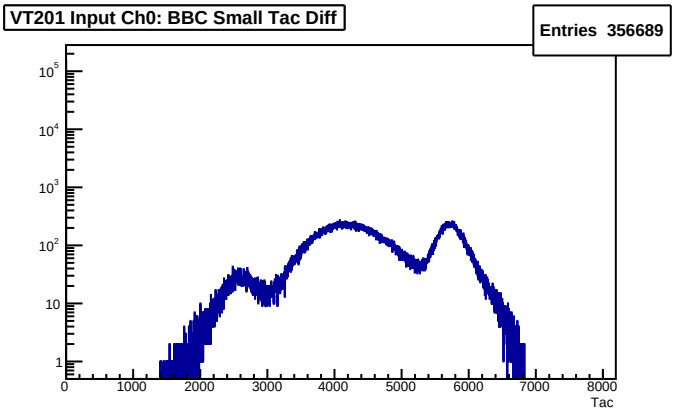

zdcEastTacVsSimu
Entries 828
Data
Simu

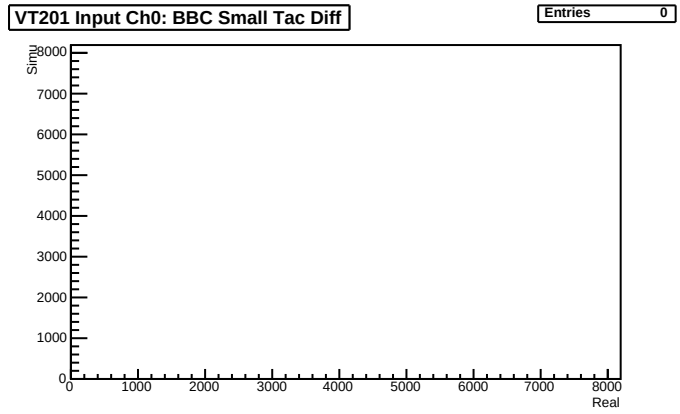

zdcWestTac
Entries 356689

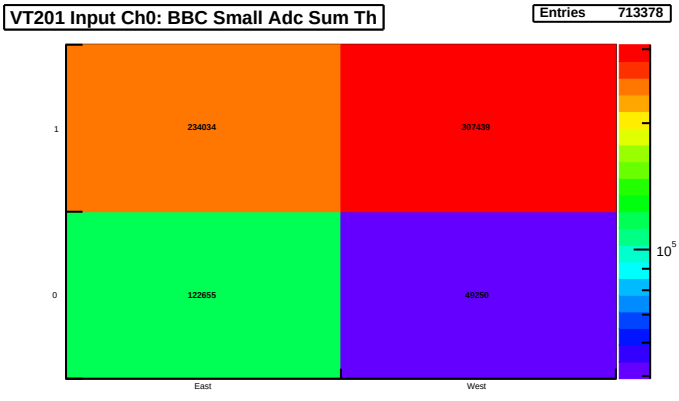

zdcWestTacVsSimu
Entries 1975
Data
Simu

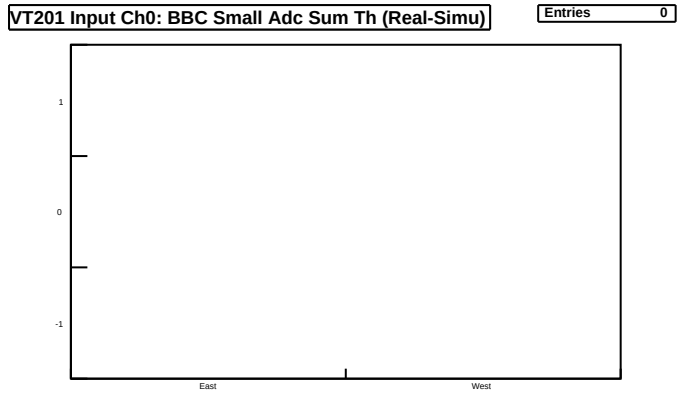

zdcAdcSum
Entries 4280268
25916
3506
23
19
8
6
63951
4176
46
35
27
25
330773
353183
356666
356670
356681
356683
292738
352513
356643
356654
356662
356664
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

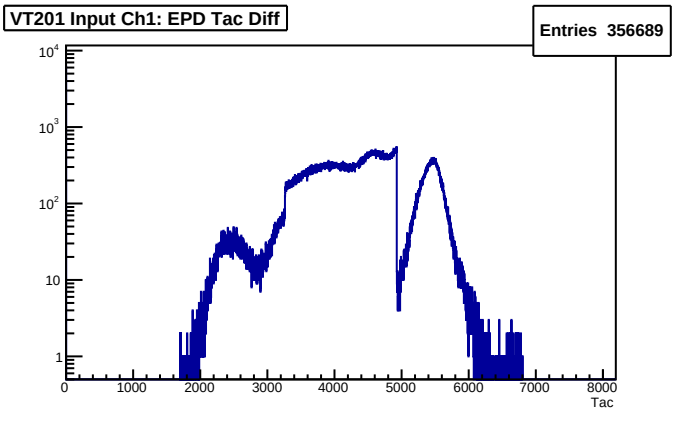

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

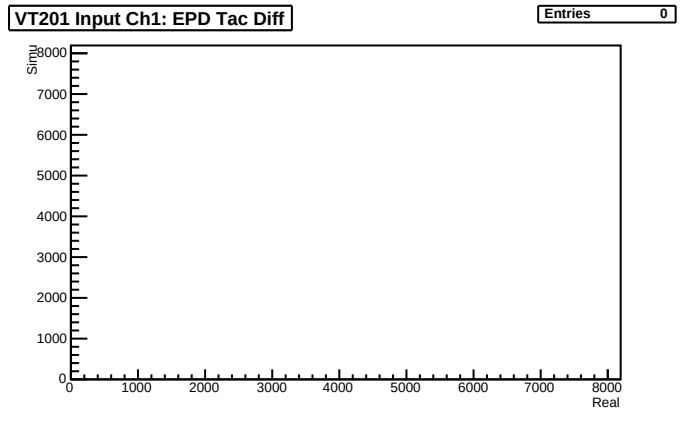

VT201 Input Ch0: BBC Small Tac Diff
Entries 356689
Tac

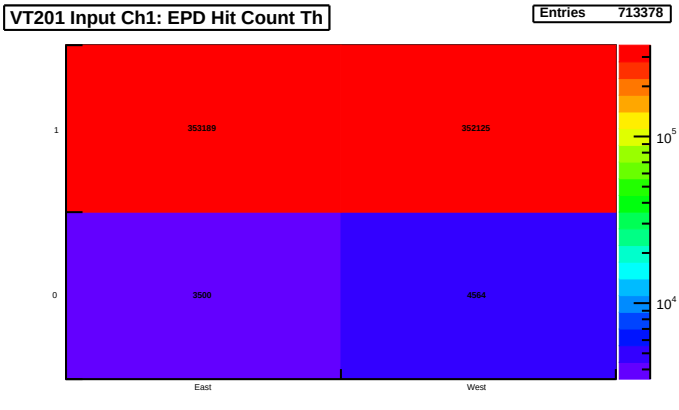

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

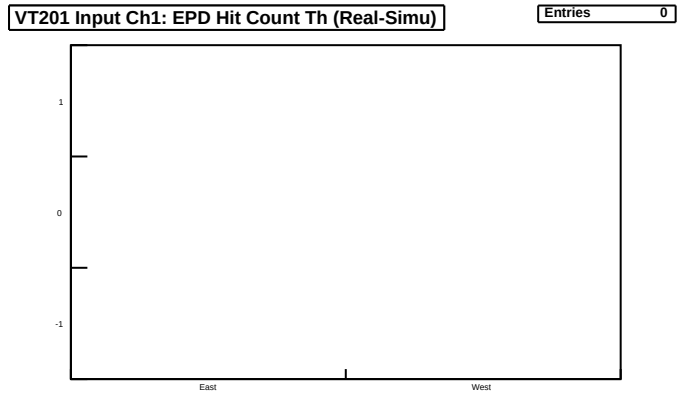

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 713378
234034
307439
122655
49250
East
West

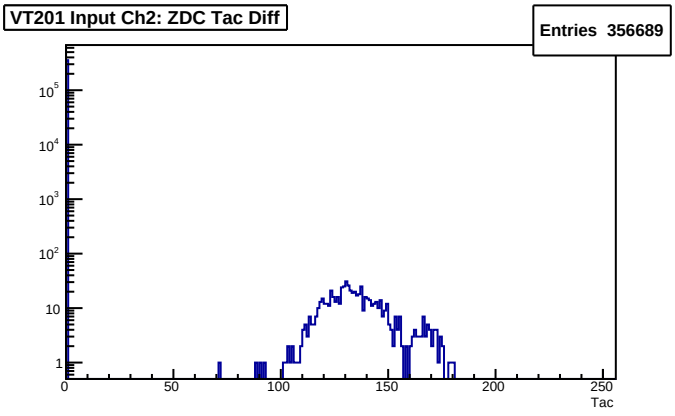

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

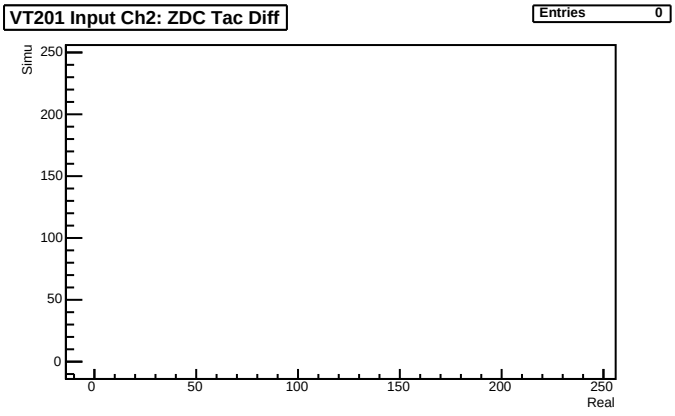

VT201 Input Ch1: EPD Tac Diff
Entries 356689
Tac

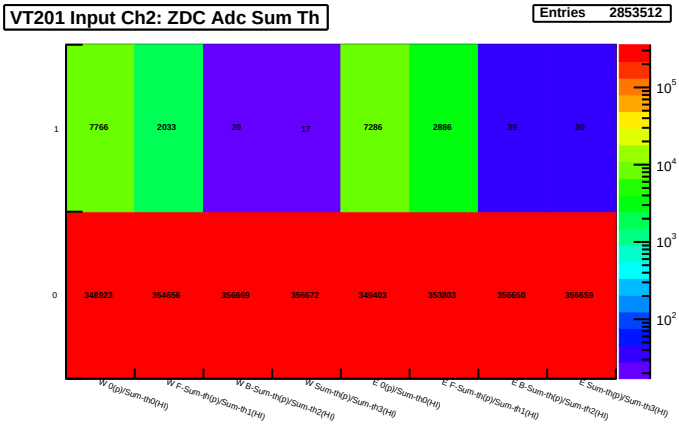

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

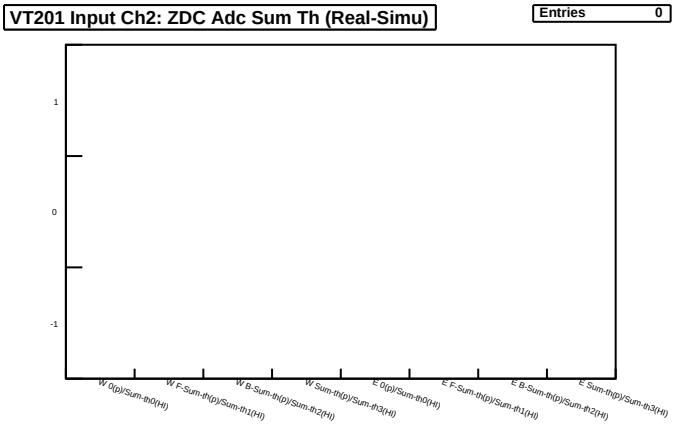

VT201 Input Ch1: EPD Hit Count Th
Entries 713378
353189
352125
3500
4564
East
West

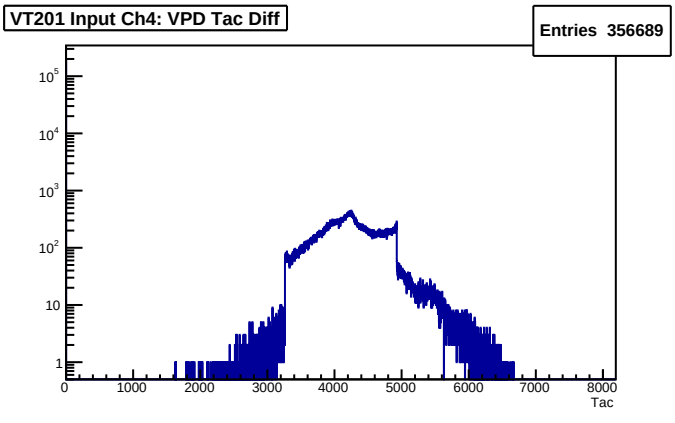

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

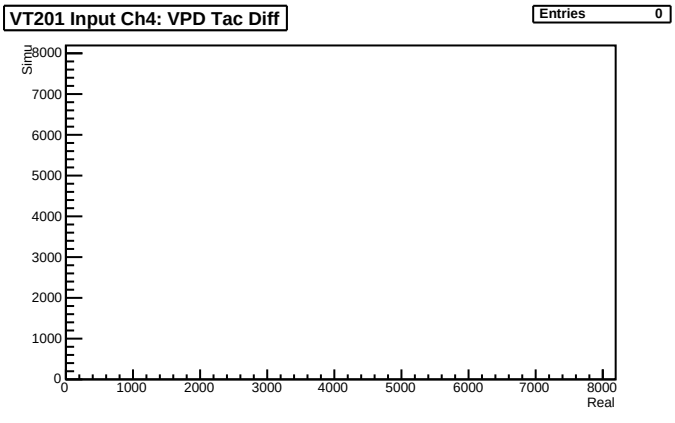

VT201 Input Ch2: ZDC Tac Diff
Entries 356689
Tac

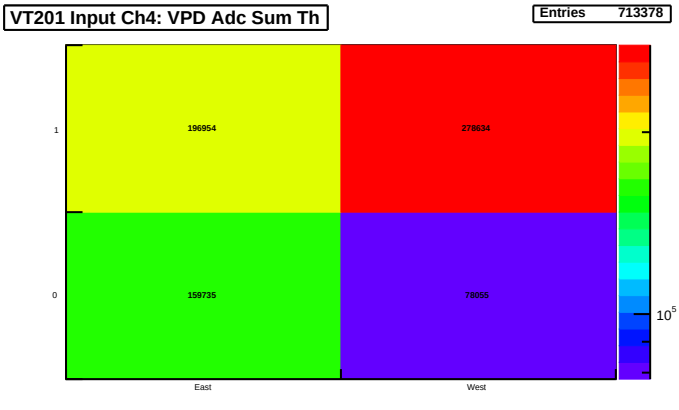

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

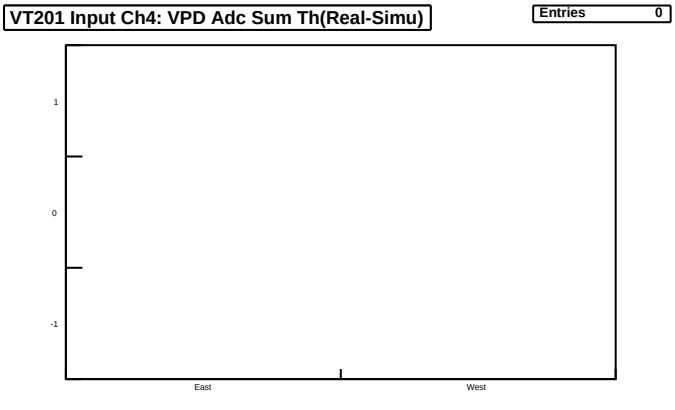

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2853512
7766
2033
20
17
7286
2886
39
30
348923
354656
356669
356672
349403
353803
356650
356659
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

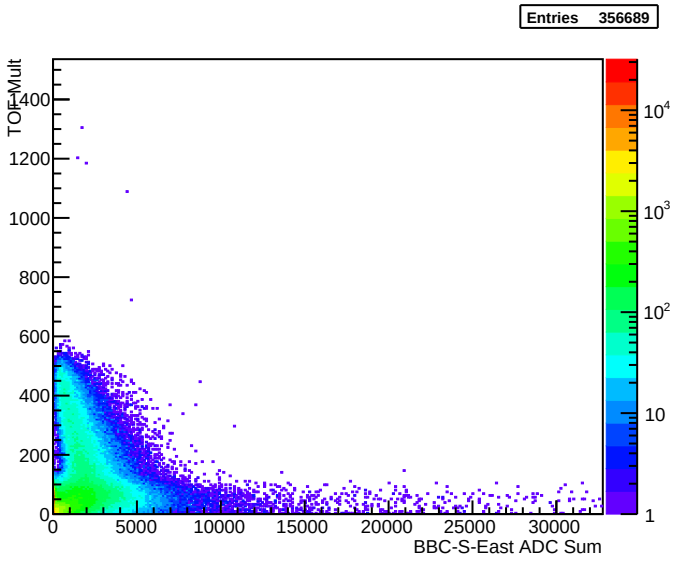

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

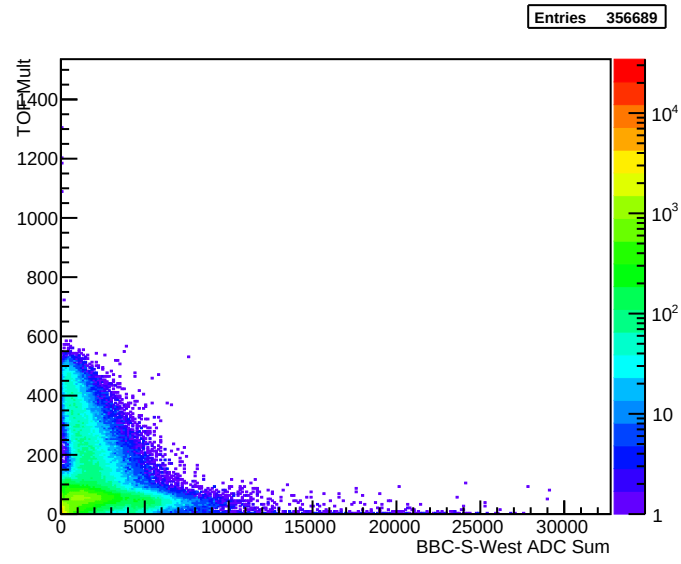

VT201 Input Ch4: VPD Tac Diff
Entries 356689
Tac

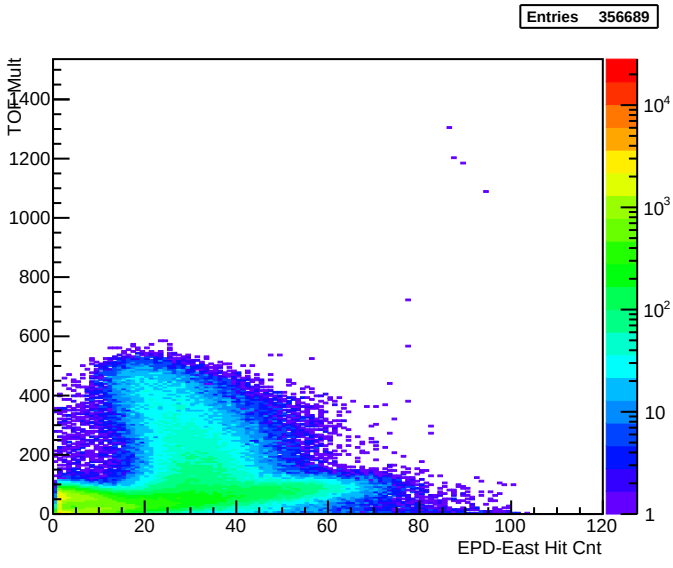

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

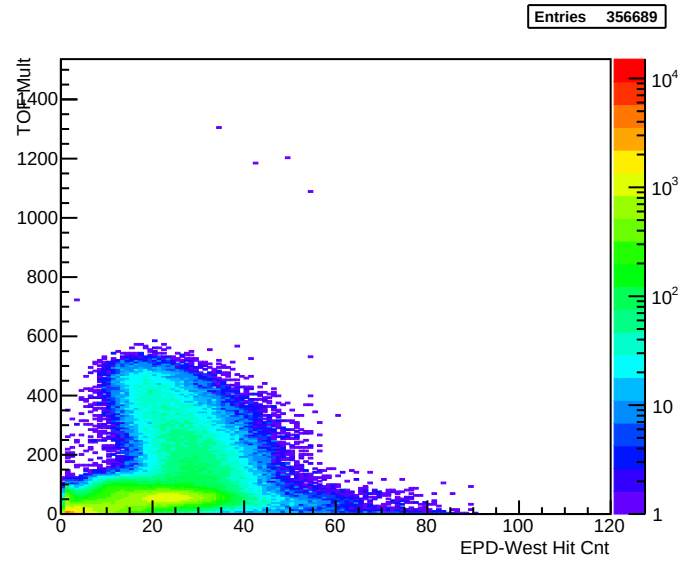

VT201 Input Ch4: VPD Adc Sum Th
Entries 713378
196954
270634
159735
78055
East
West

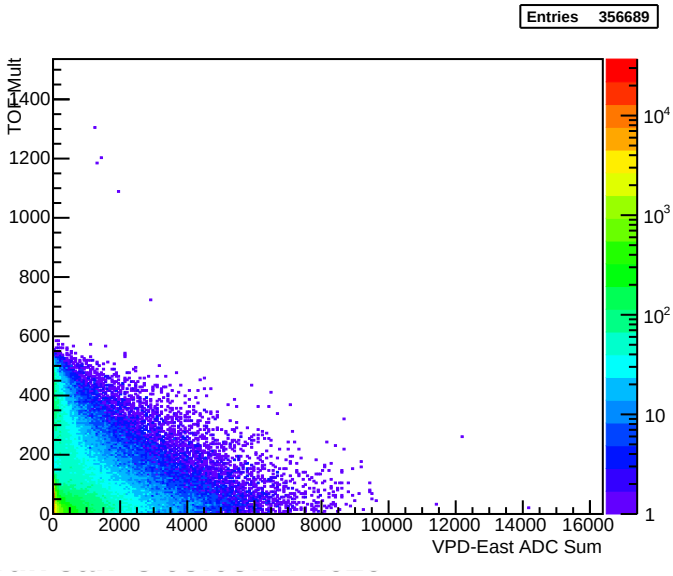

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

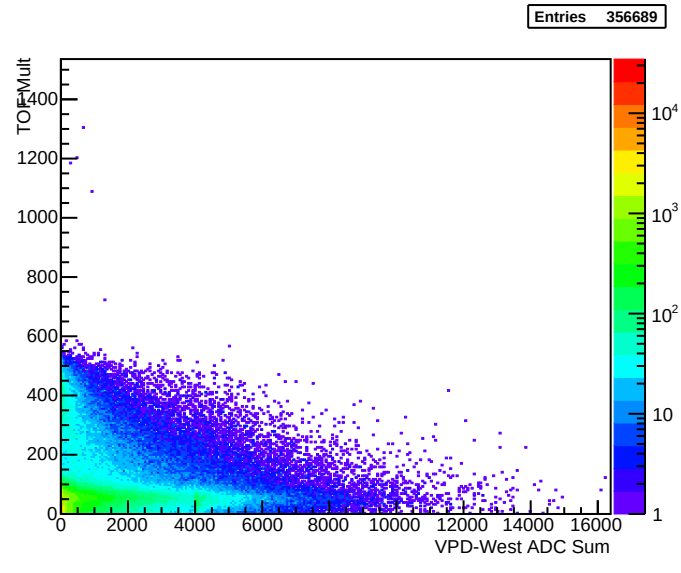

Entries 356689
TOF-Mult
BBC-S-East ADC Sum

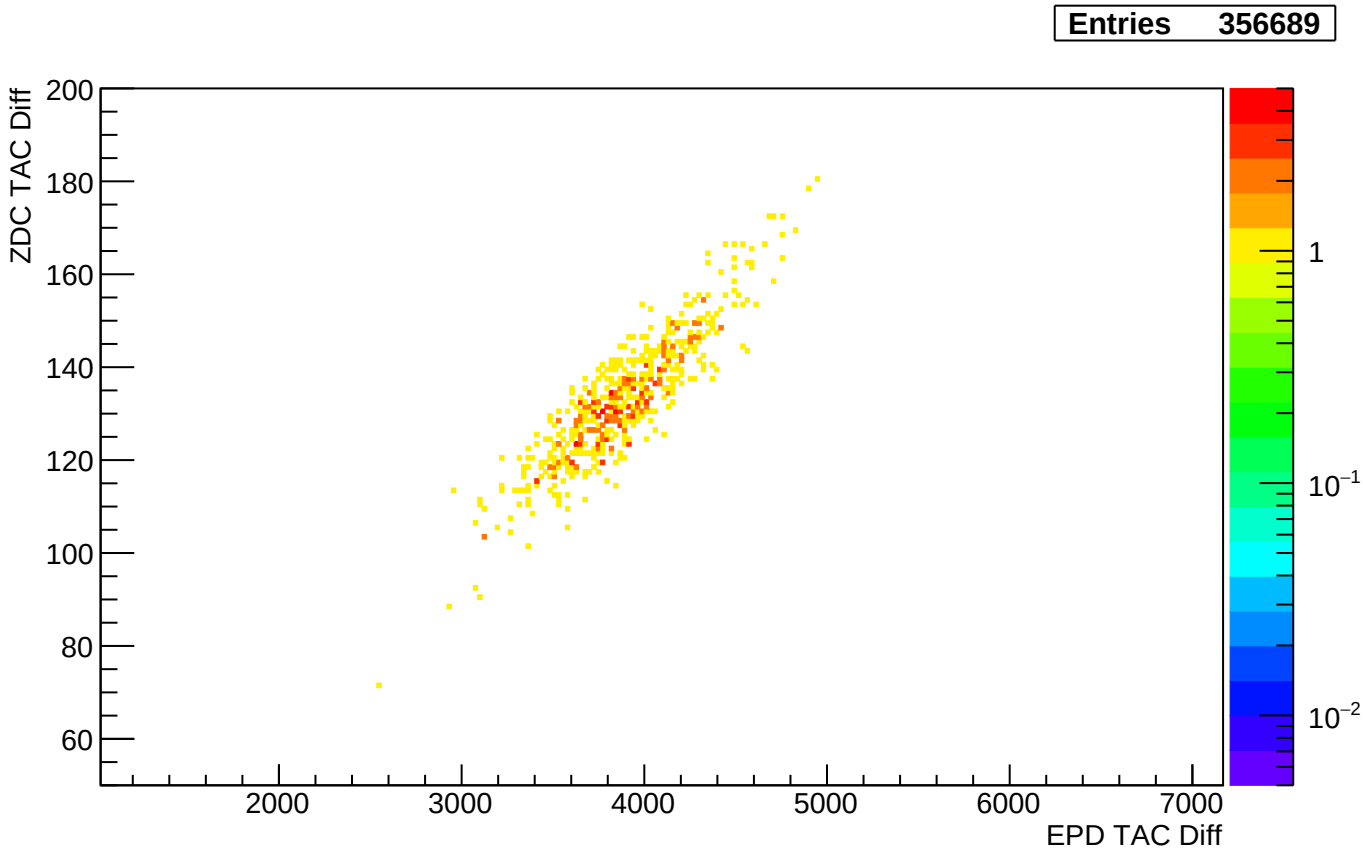

Entries 356689
TOF-Mult
BBC-S-West ADC Sum

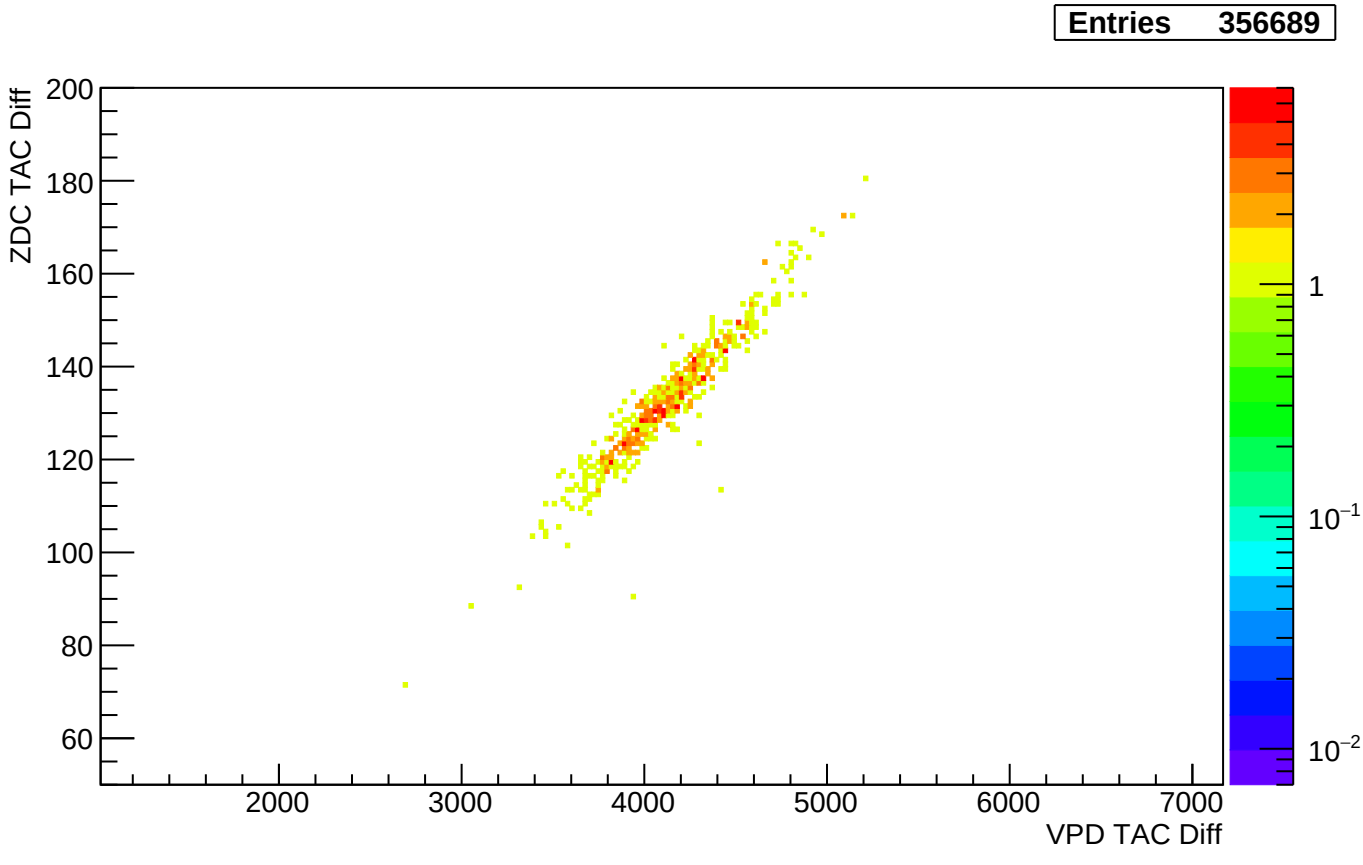

Entries 356689
TOF-Mult
EPD-East Hit Cnt

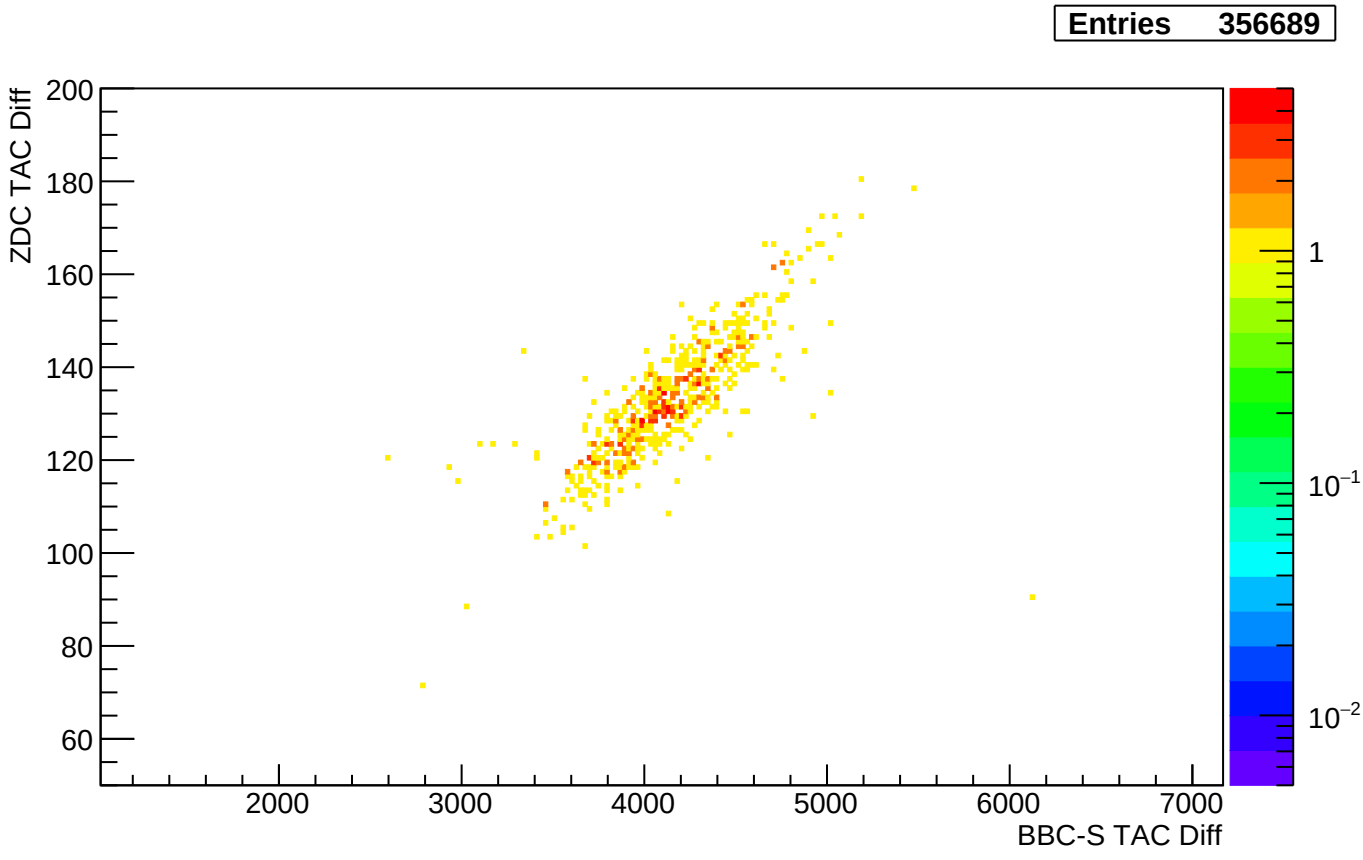

Entries 356689
TOF-Mult
EPD-West Hit Cnt

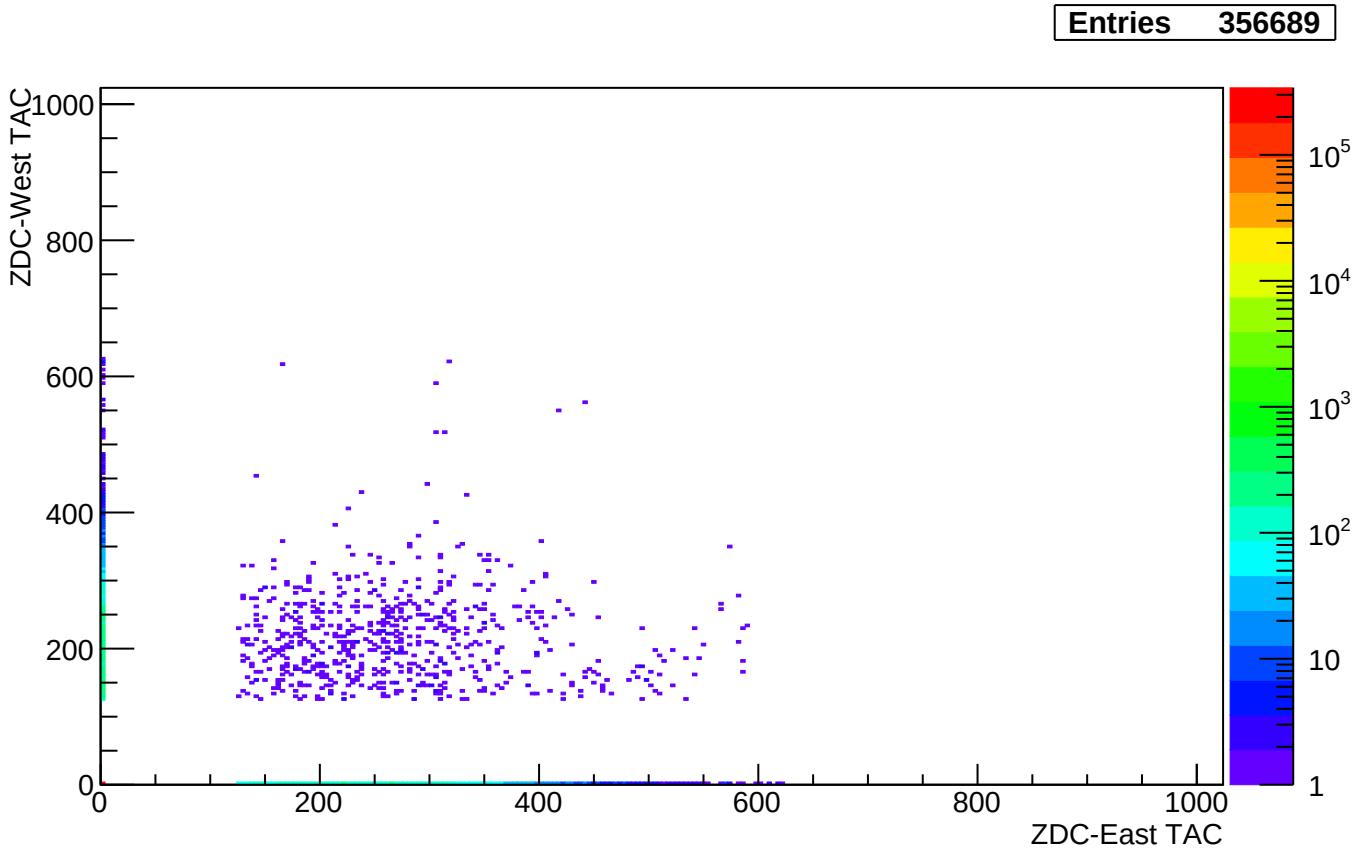

Entries 356689
TOF-Mult
VPD-East ADC Sum

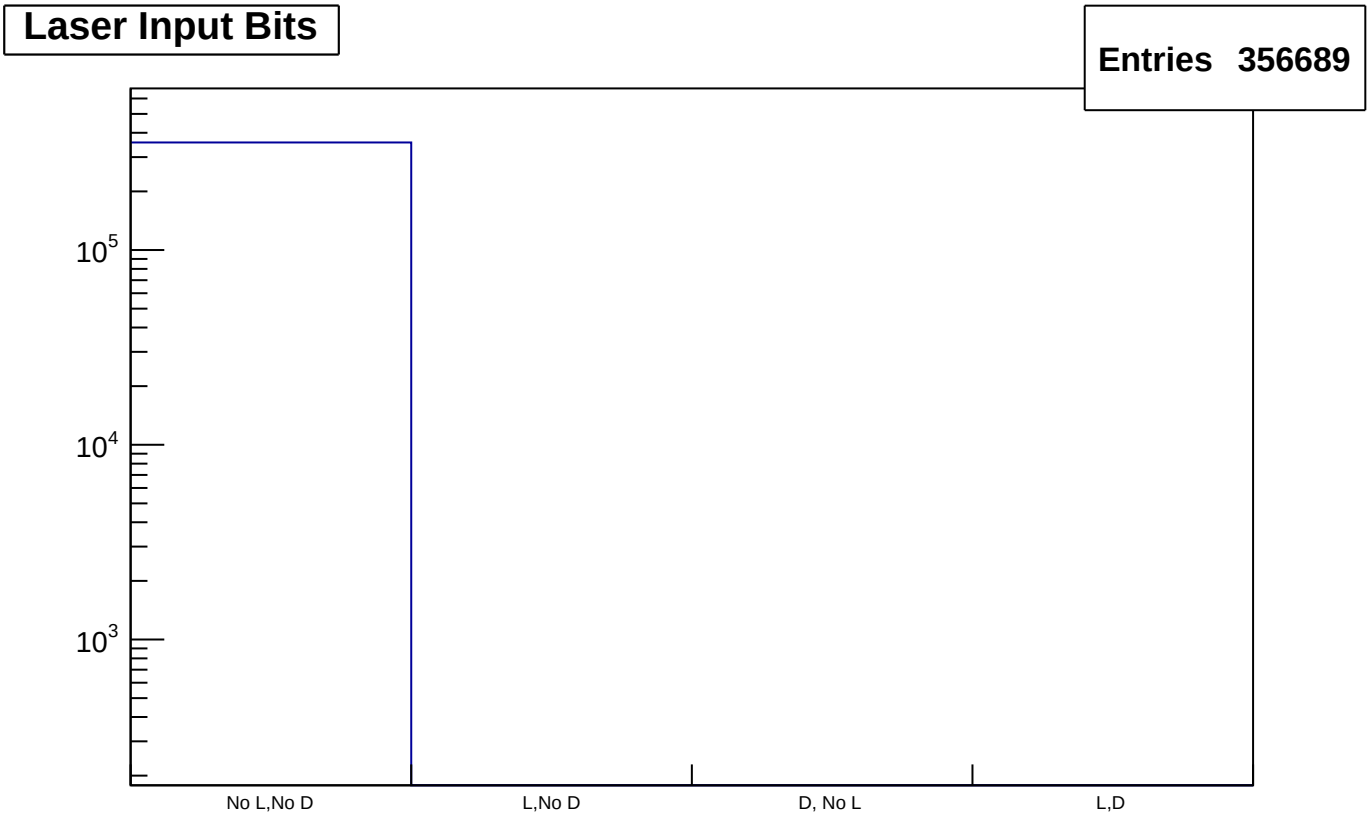

Entries 356689
TOF-Mult
VPD-West ADC Sum

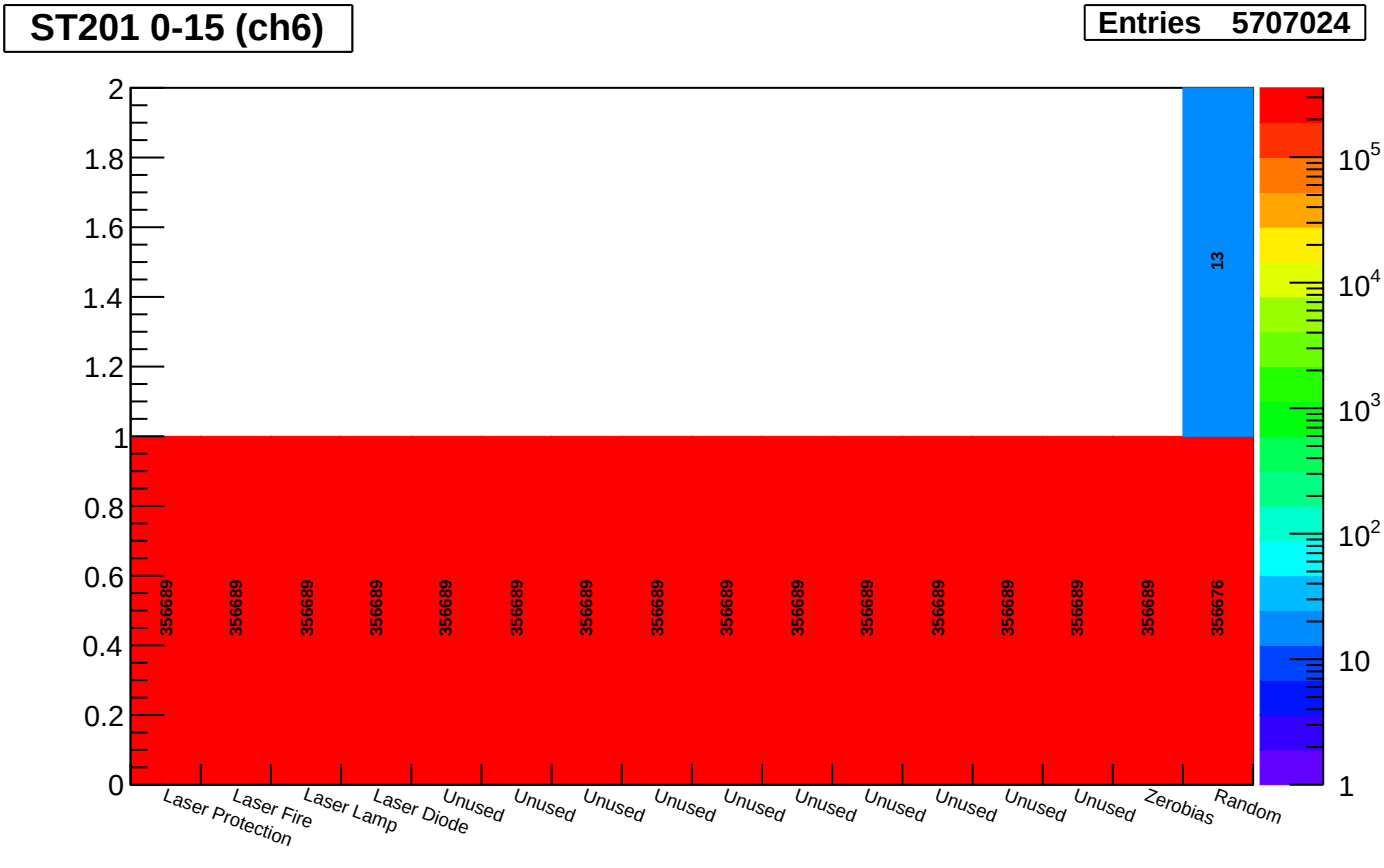

Entries 356689
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

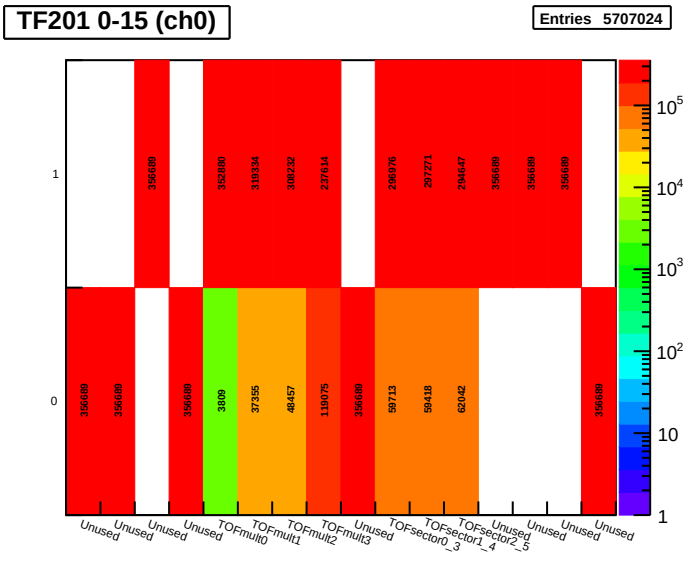

Entries 356689
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

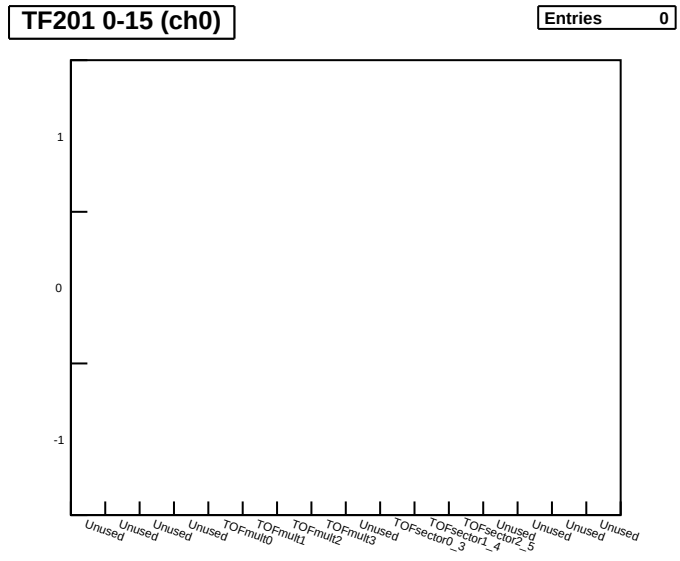

Entries 356689
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

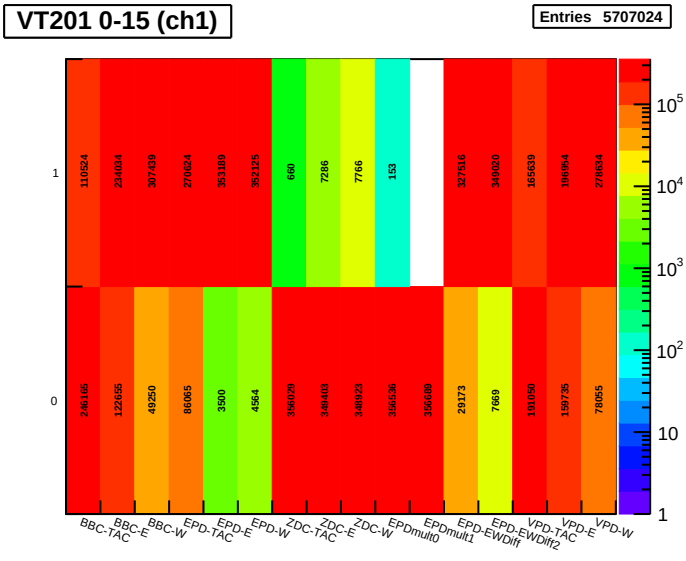

Entries 356689
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

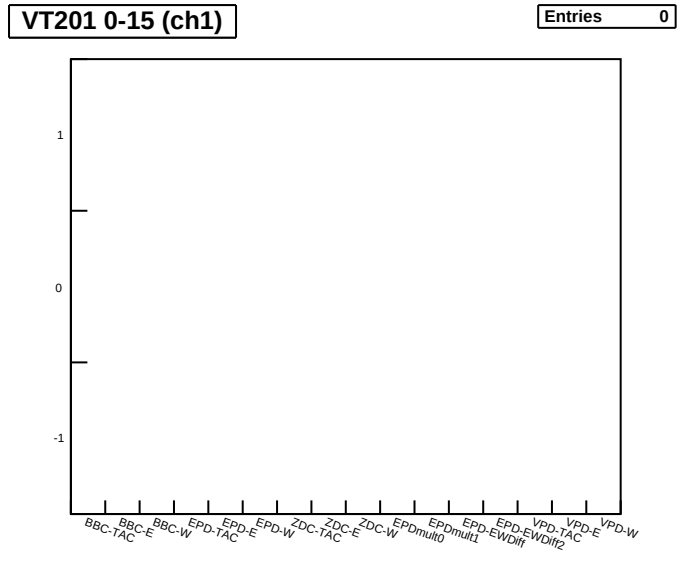

Laser Input Bits
Entries 356689
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

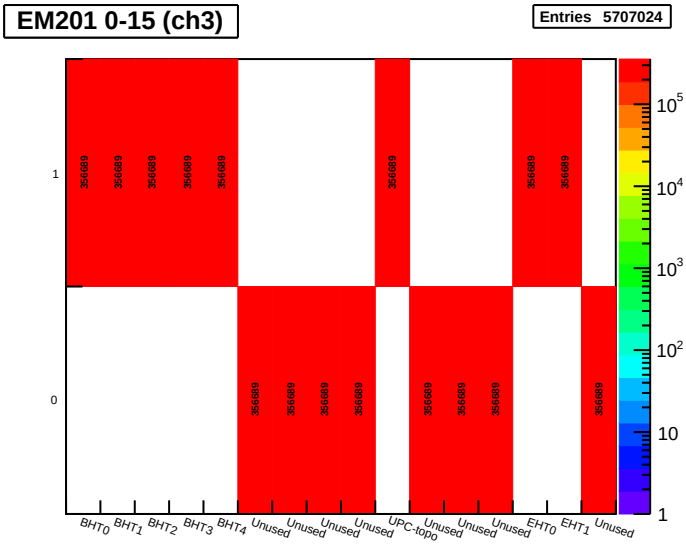

ST201 0-15 (ch6)
Entries 5707024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
356689
356676
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

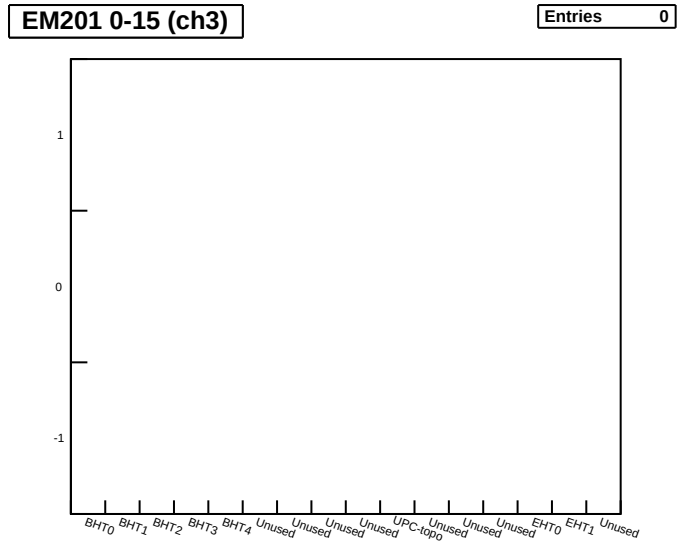

TF201 0-15 (ch0)
Entries 5707024
1
0
356689
352880
319334
308232
237614
256976
297271
294647
356689
356689
356689
356689
356689
3809
37355
48457
119075
356689
59713
59418
62042
356689
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 5707024
1
0
110524
234034
307439
270624
353189
352125
660
7286
7766
153
327516
349020
165639
196954
278634
246165
122655
49250
86065
3500
4564
356029
349403
348923
356536
356689
29173
7669
191050
159735
78055
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 5707024
1
0
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
356689
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