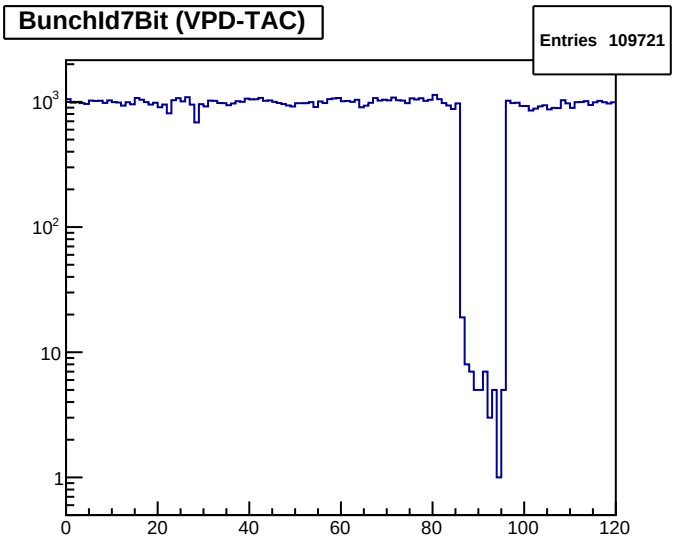
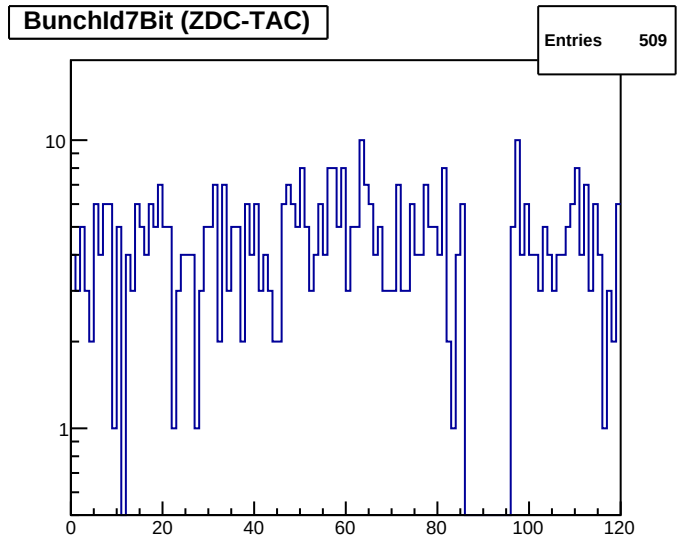
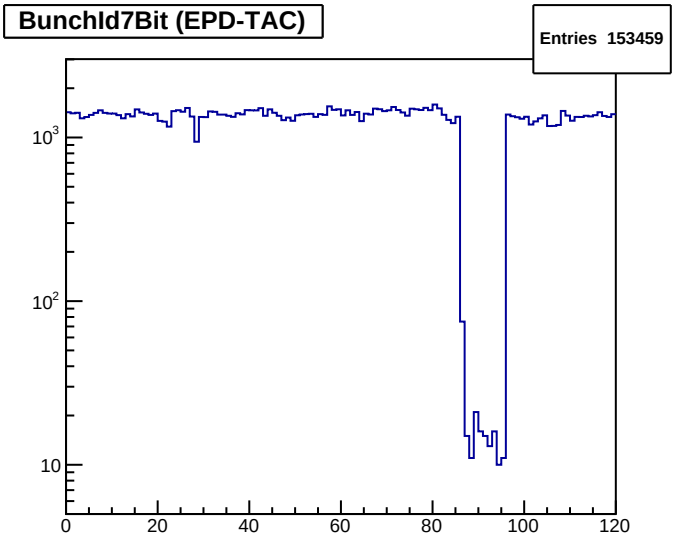
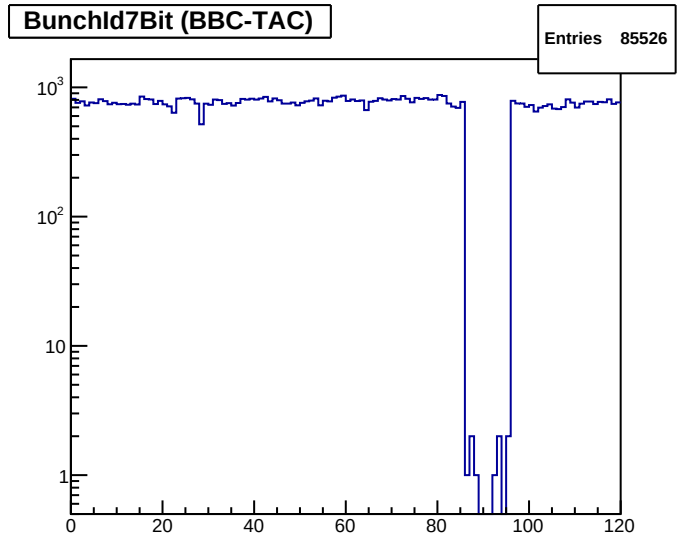
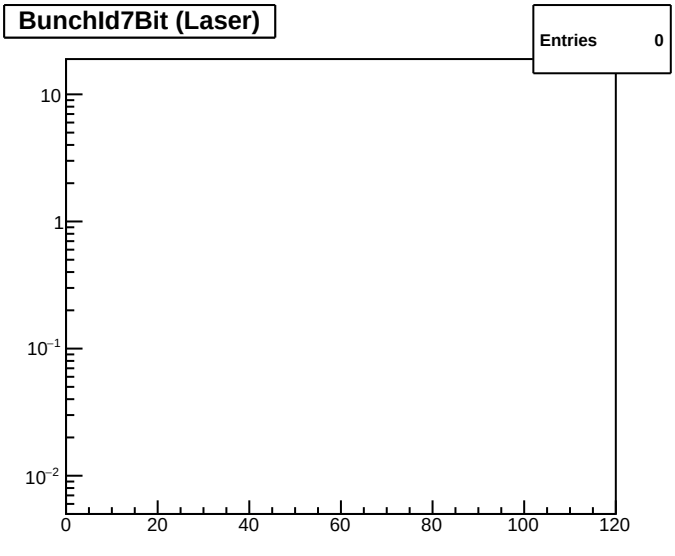
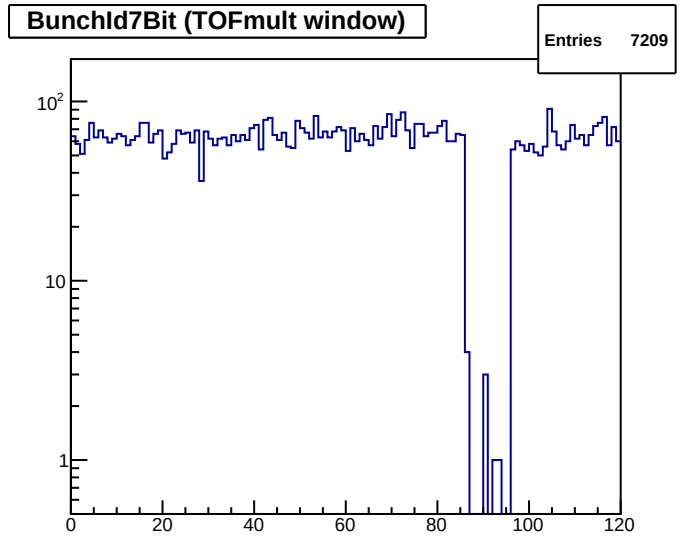

BunchId7Bit (VPD-TAC)
Entries 109721

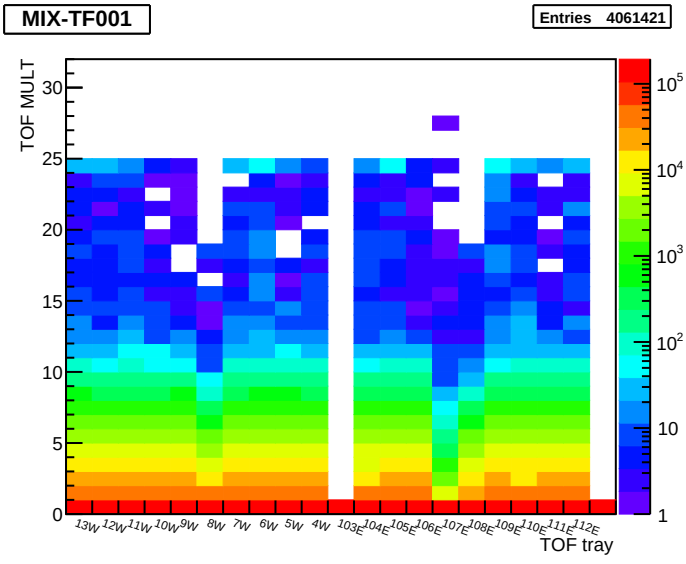

BunchId7Bit (ZDC-TAC)
Entries 509

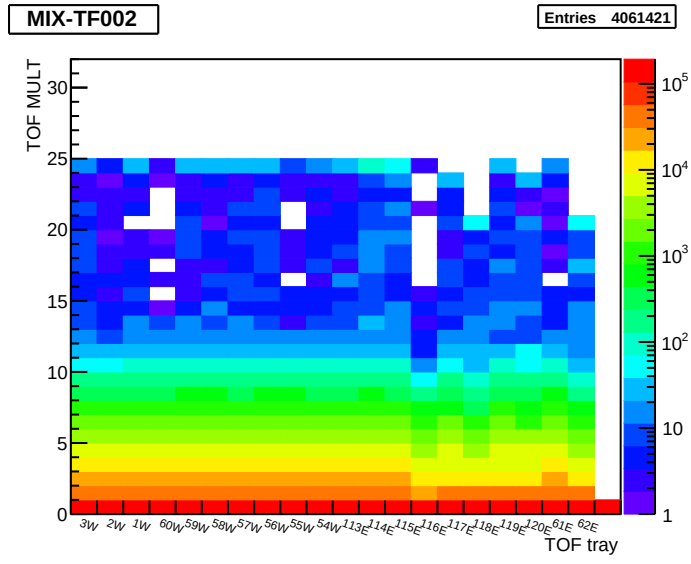

BunchId7Bit (EPD-TAC)
Entries 153459

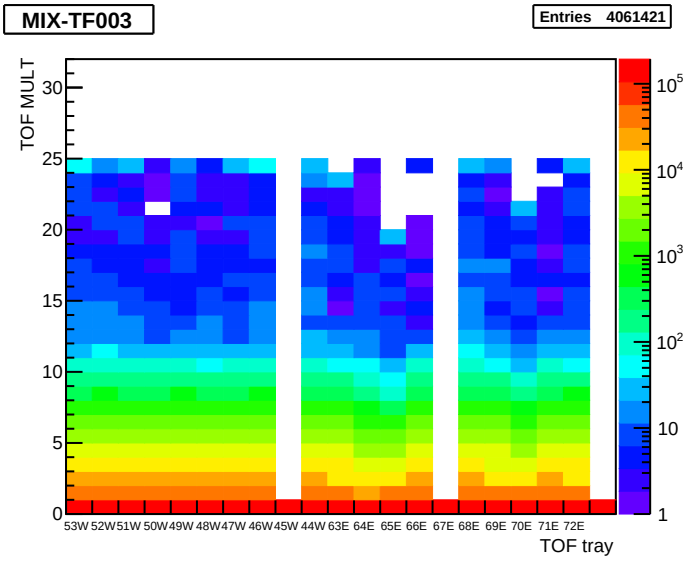

BunchId7Bit (BBC-TAC)
Entries 85526

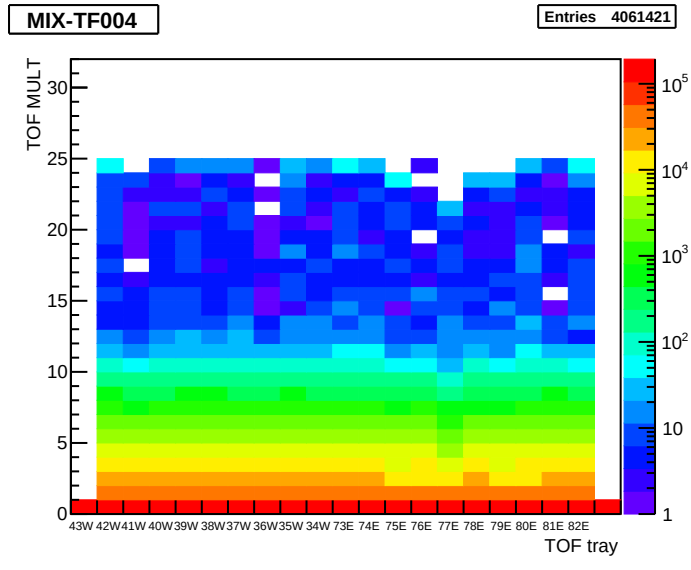

BunchId7Bit (Laser)
Entries 0

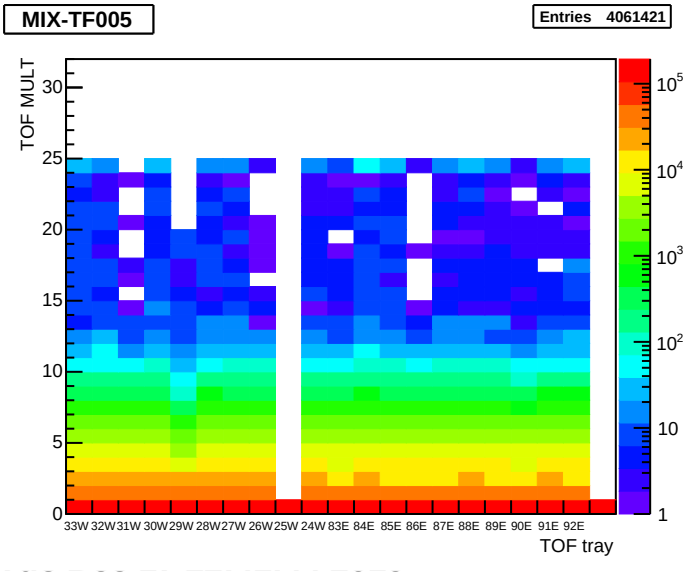

BunchId7Bit (TOFmult window)
Entries 7209

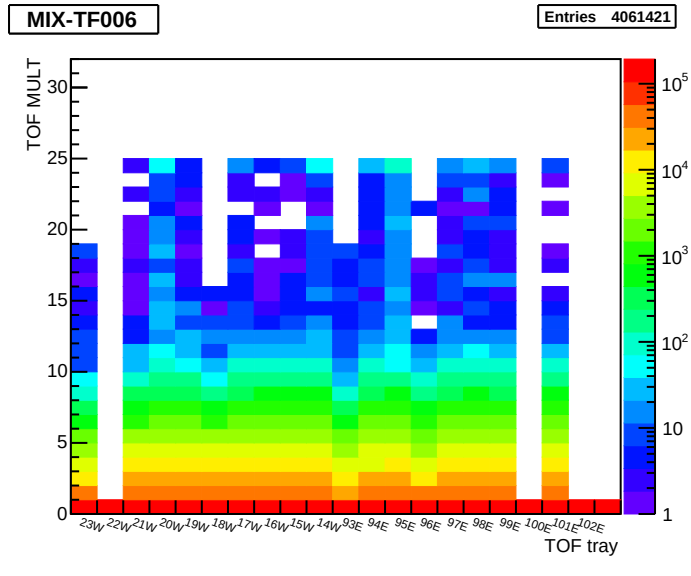

MIX-TF001
Entries 4061421
TOF MULT
TOF tray

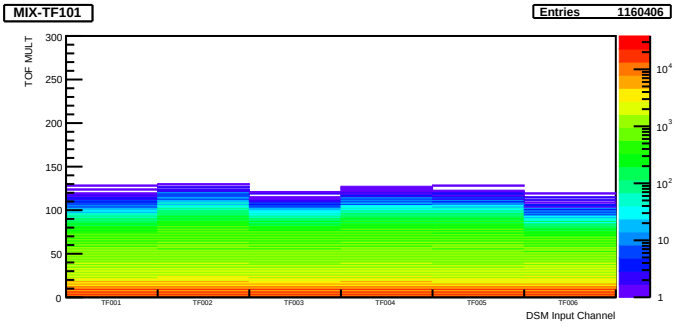

MIX-TF002
Entries 4061421
TOF MULT
TOF tray

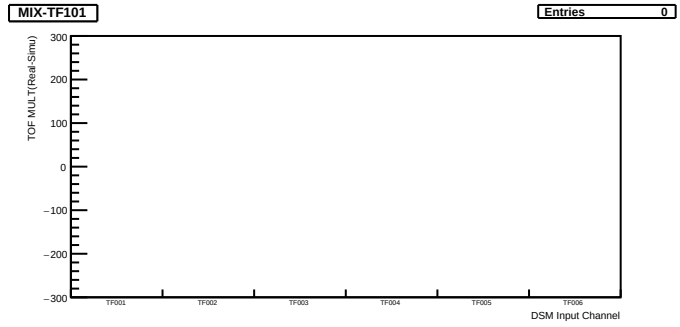

MIX-TF003
Entries 4061421
TOF MULT
TOF tray

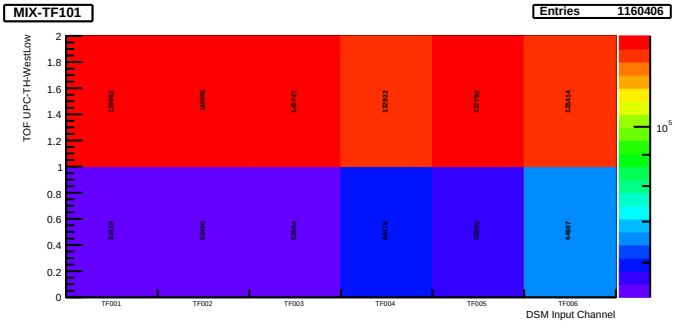

MIX-TF004
Entries 4061421
TOF MULT
TOF tray

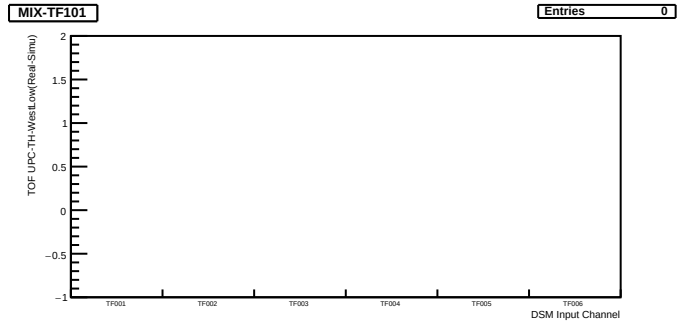

MIX-TF005
Entries 4061421
TOF MULT
TOF tray

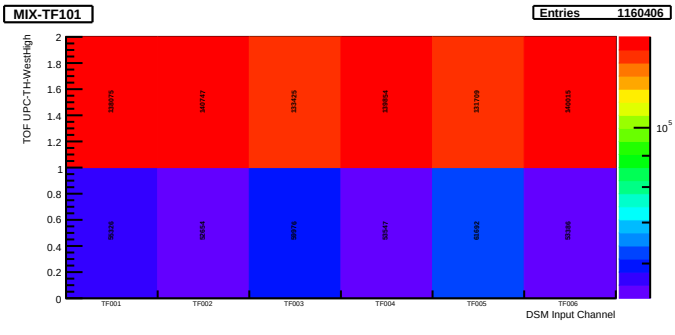

MIX-TF006
Entries 4061421
TOF MULT
TOF tray

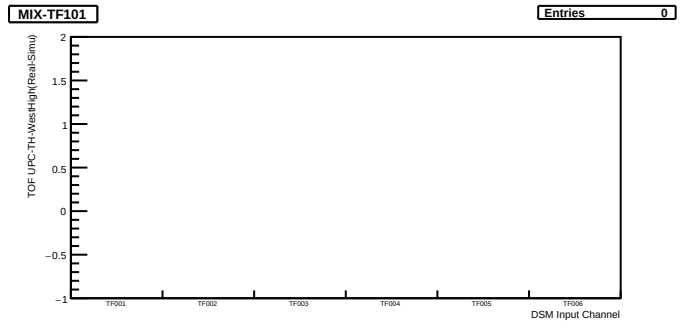

MIX-TF101
Entries 1160406
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

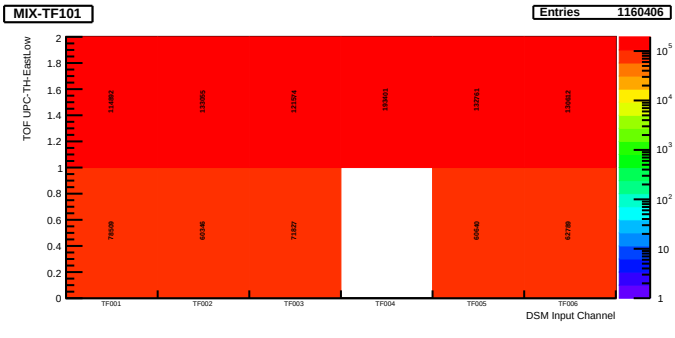

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

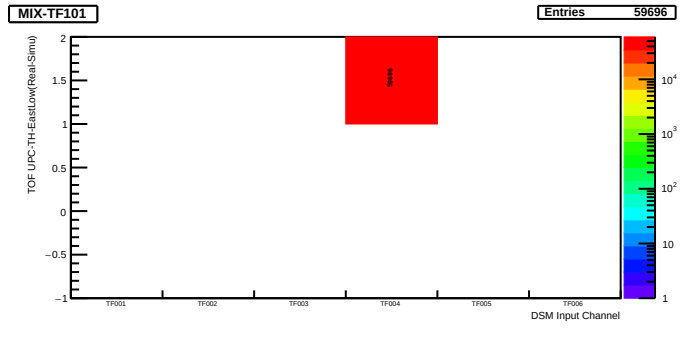

MIX-TF101
Entries 1160406
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

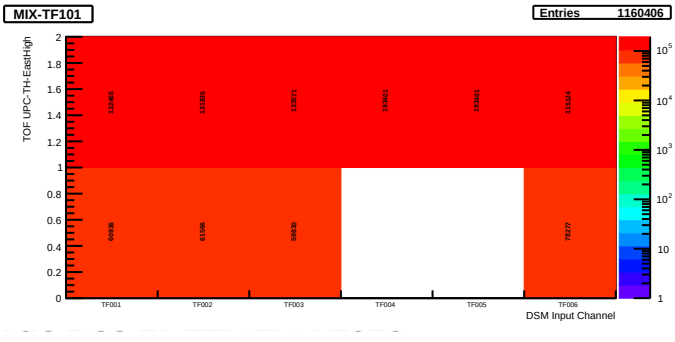

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

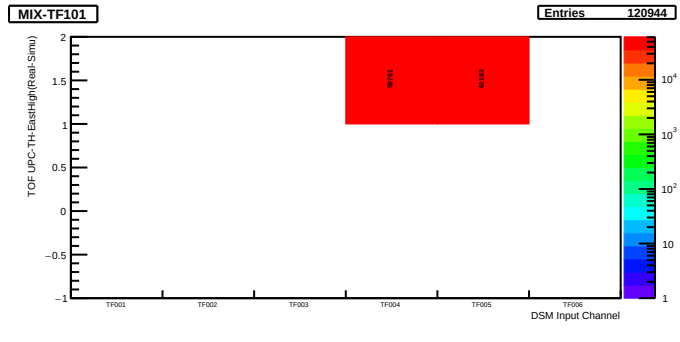

MIX-TF101
Entries 1160406
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

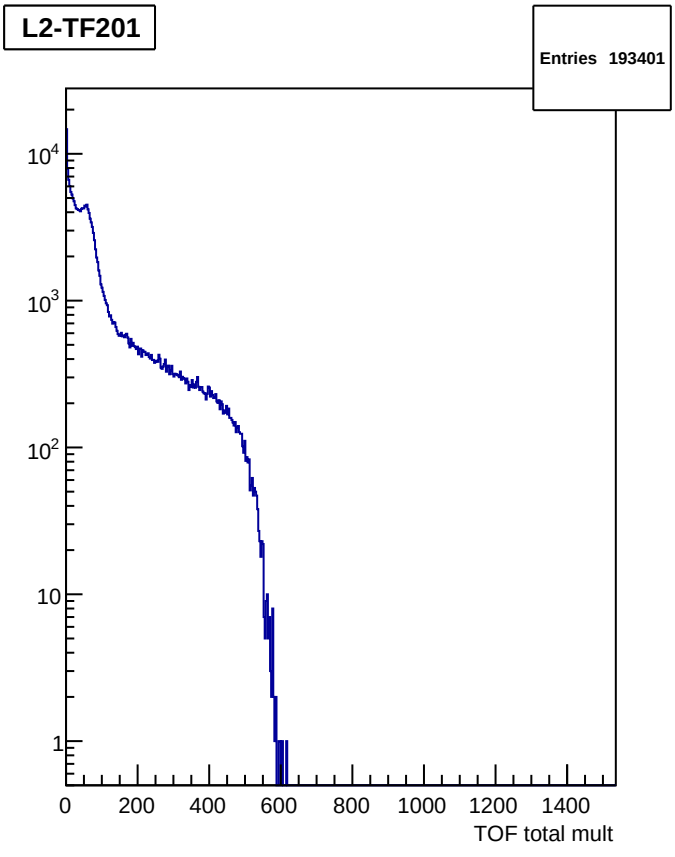

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

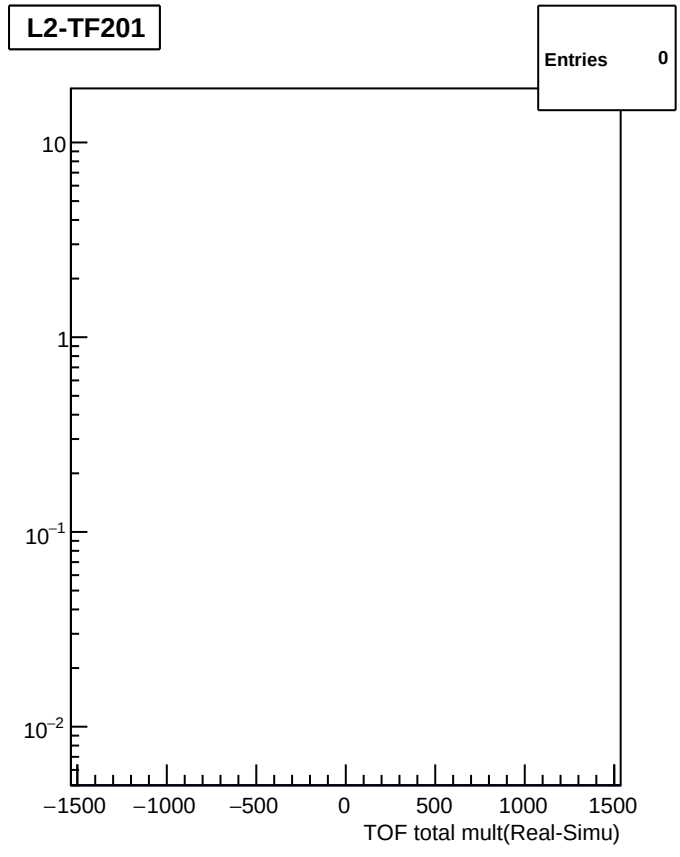

MIX-TF101
Entries 1160406
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

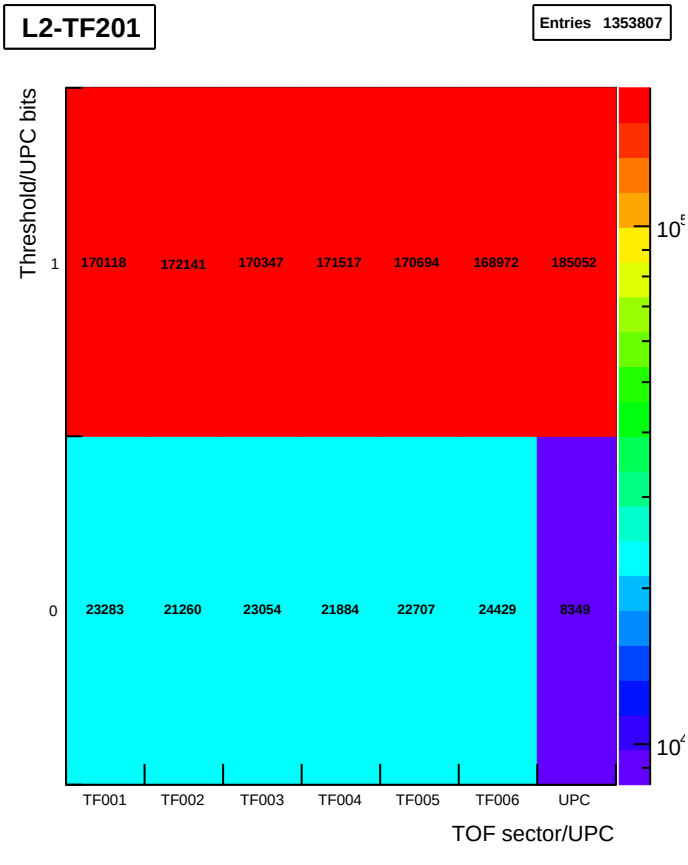

MIX-TF101
Entries 59696
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

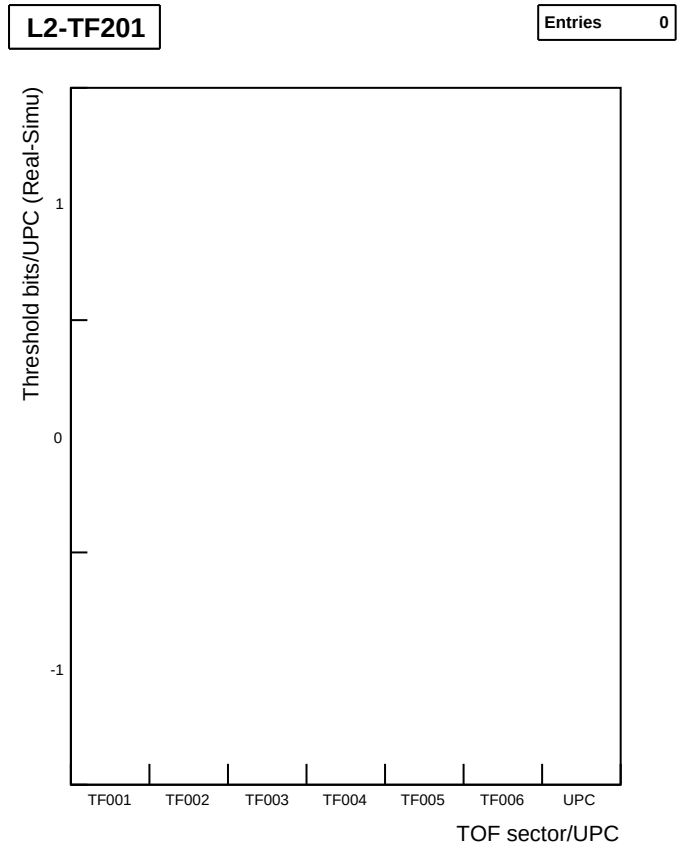

MIX-TF101
Entries 1160406
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

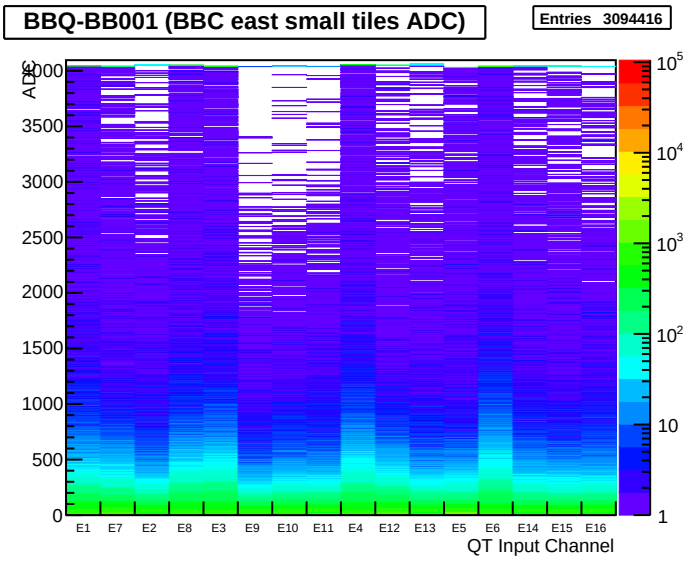

MIX-TF101
Entries 120944
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

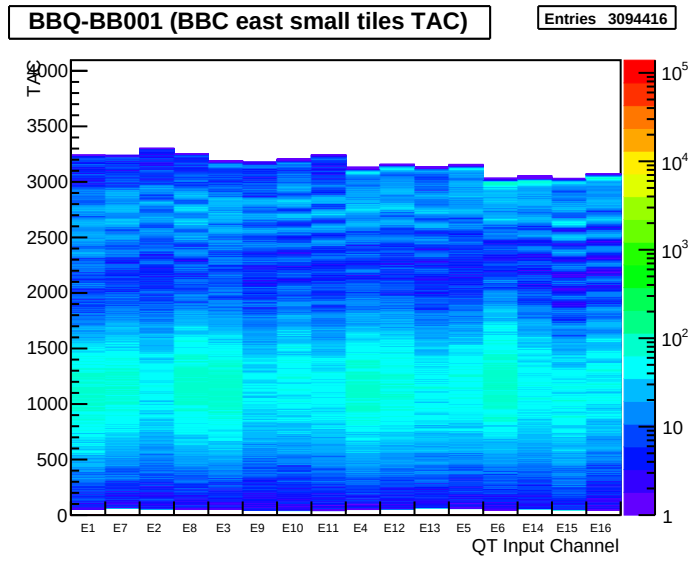

L2-TF201
Entries 193401
TOF total mult

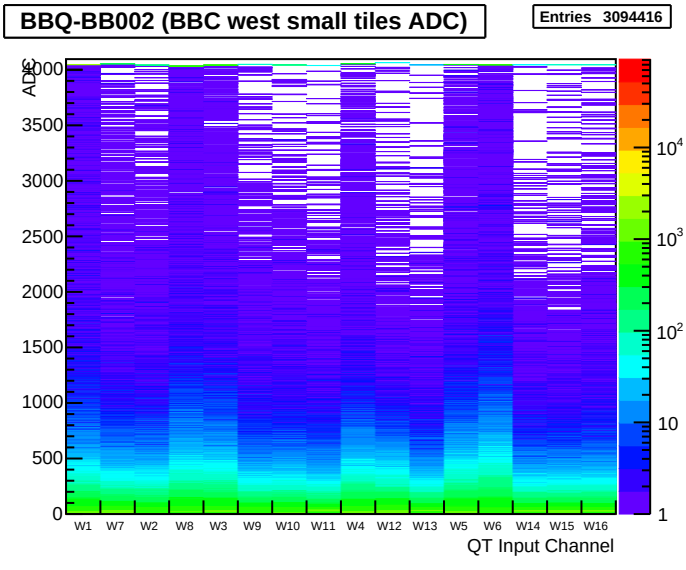

L2-TF201
Entries 0
TOF total mult(Real-Simu)

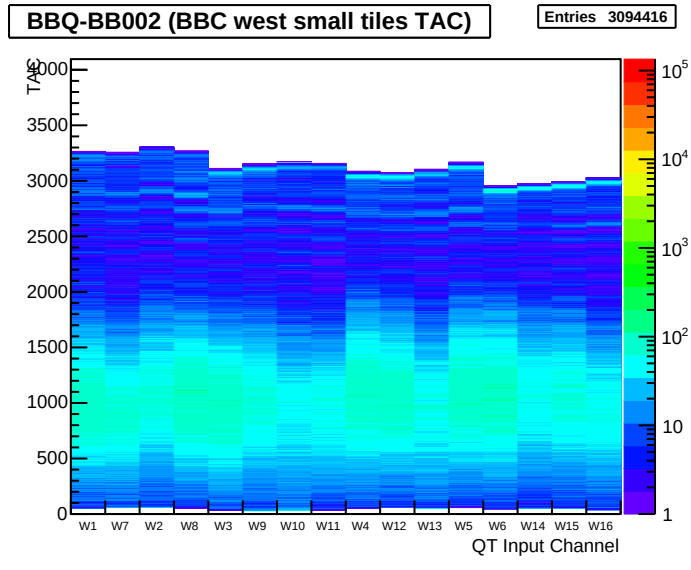

L2-TF201
Entries 1353807
Threshold/UPC bits
170118
172141
170347
171517
170694
168972
185052
23283
21260
23054
21884
22707
24429
8349
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

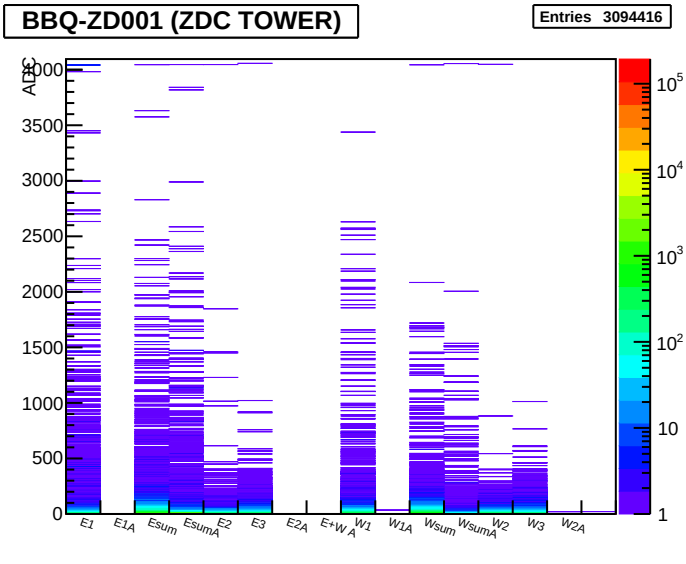

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

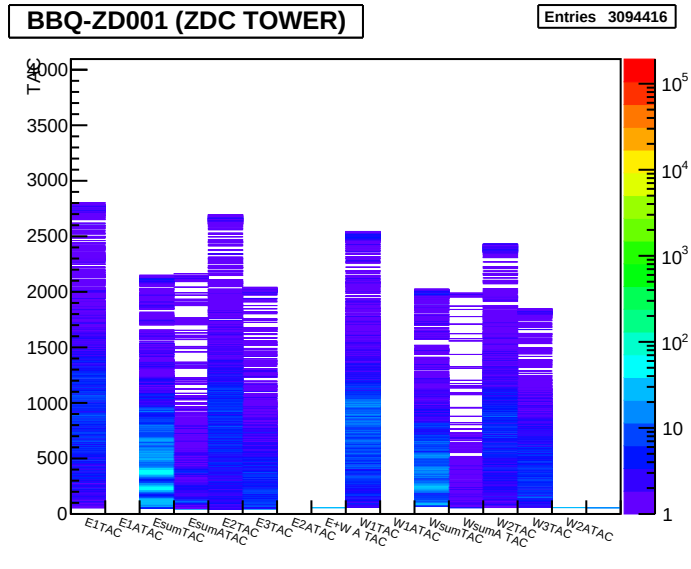

BBQ-BB001 (BBC east small tiles ADC)
Entries 3094416
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

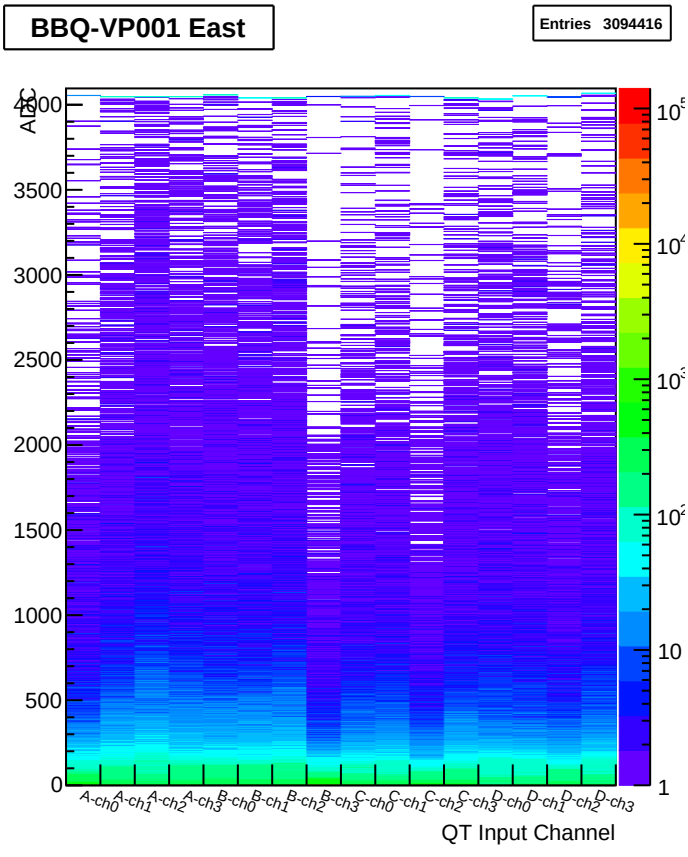

BBQ-BB001 (BBC east small tiles TAC)
Entries 3094416
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

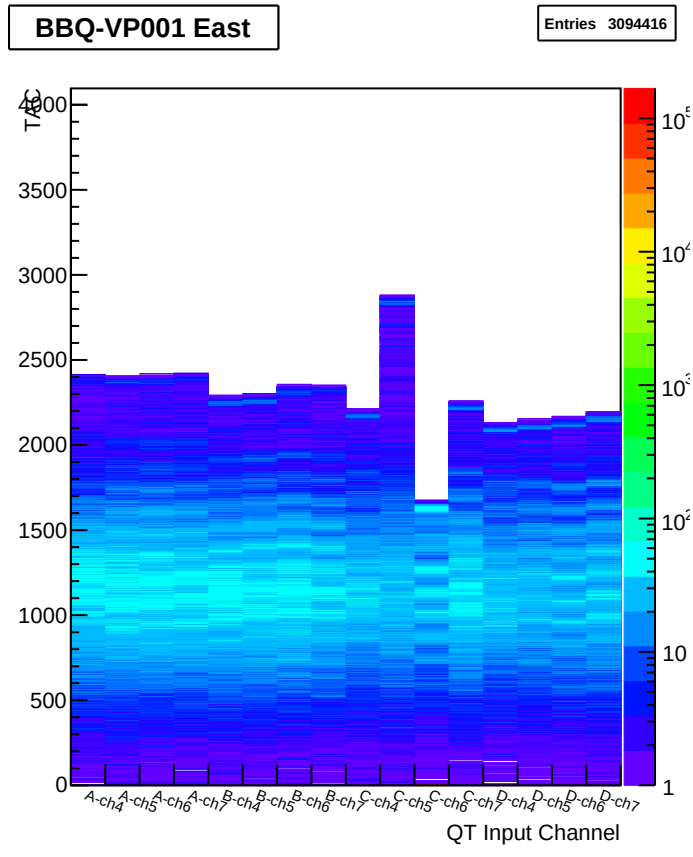

BBQ-BB002 (BBC west small tiles ADC)
Entries 3094416
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

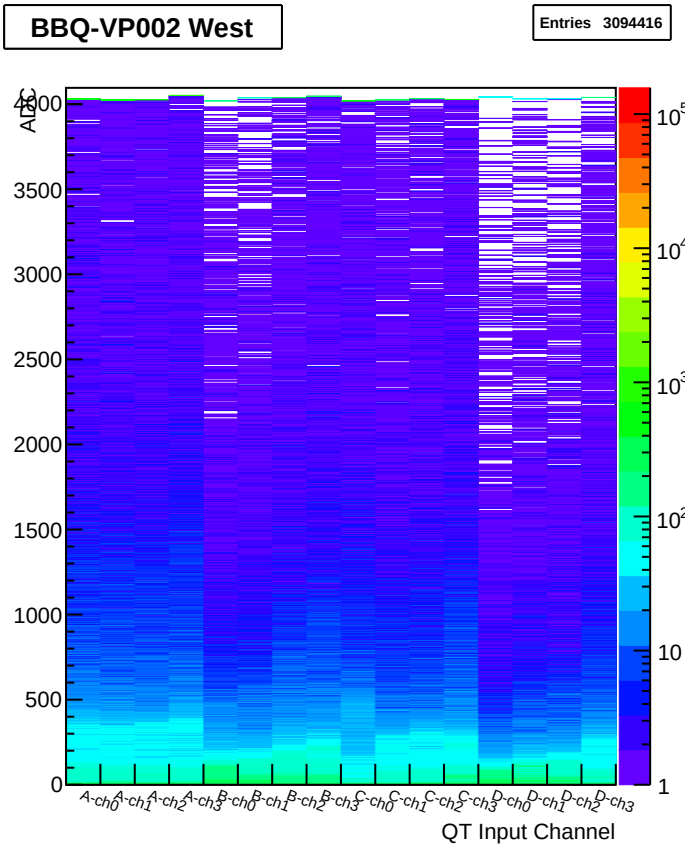

BBQ-BB002 (BBC west small tiles TAC)
Entries 3094416
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

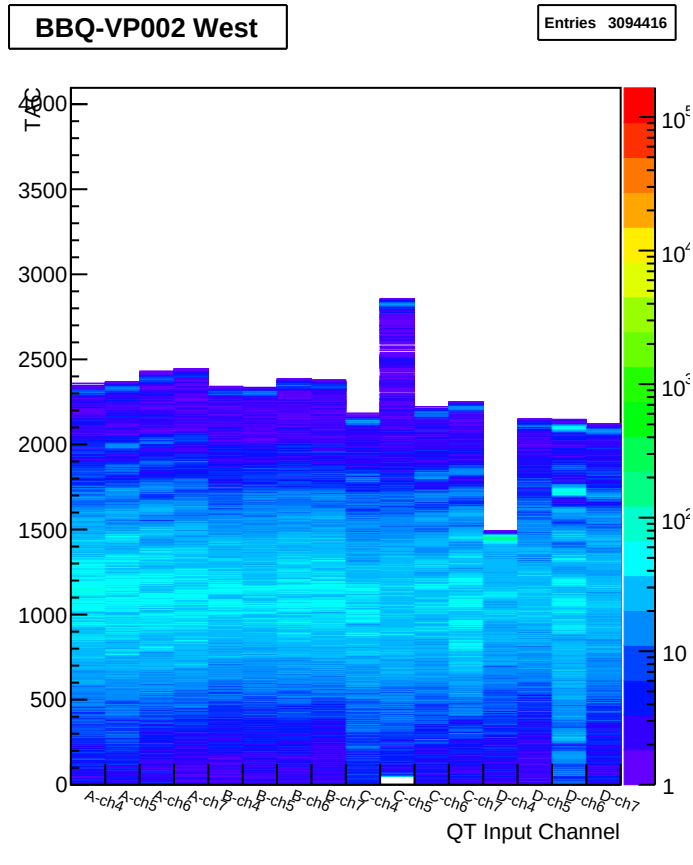

BBQ-ZD001 (ZDC TOWER)
Entries 3094416
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

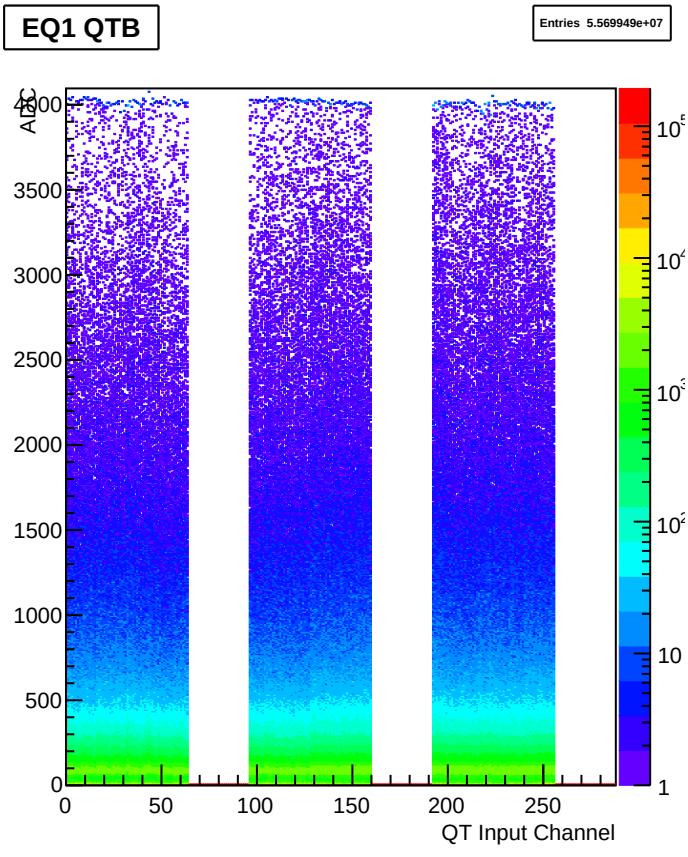

BBQ-ZD001 (ZDC TOWER)
Entries 3094416
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

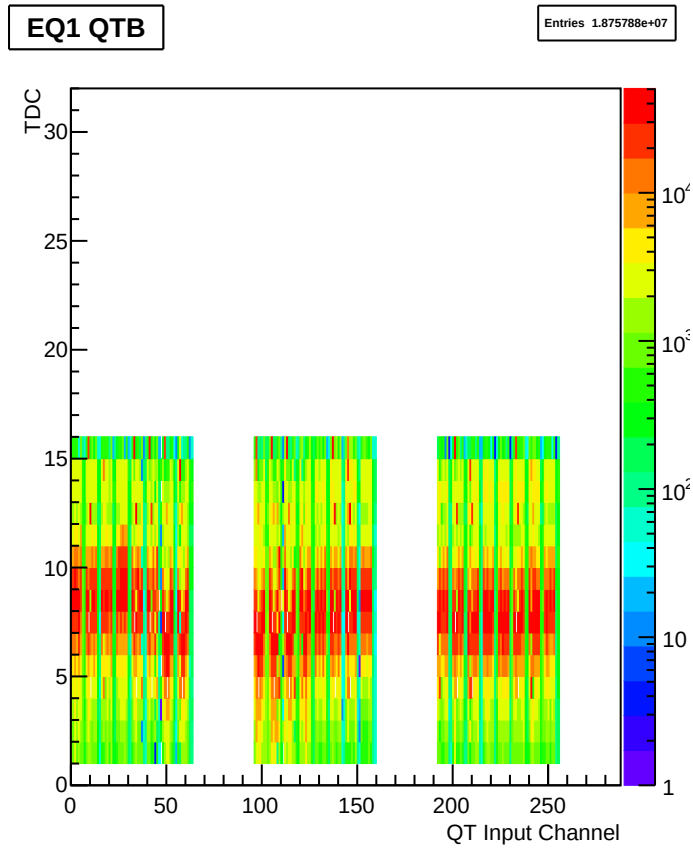

BBQ-VP001 East
Entries 3094416
ADC
QT Input Channel

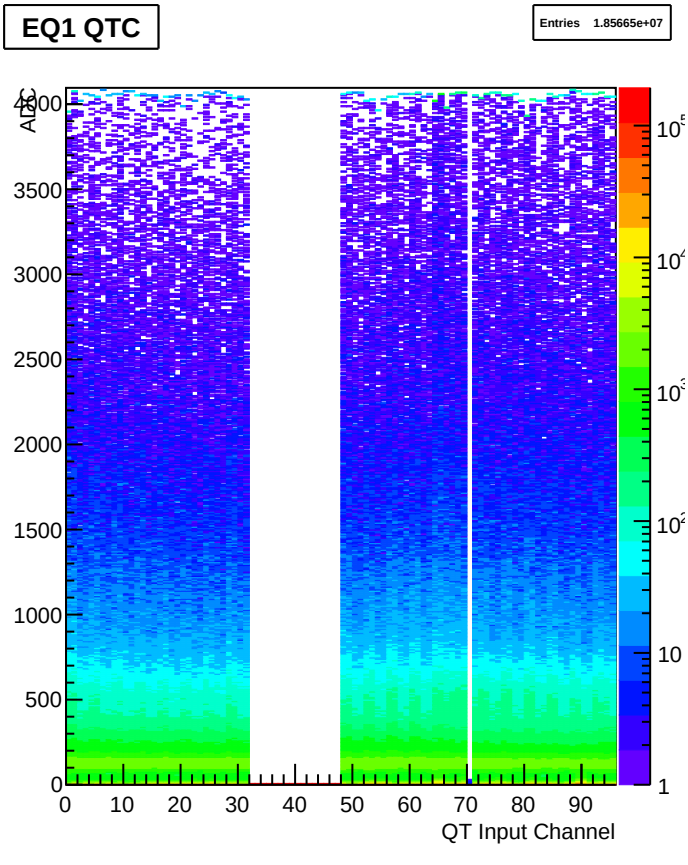

BBQ-VP001 East
Entries 3094416
ADC
QT Input Channel

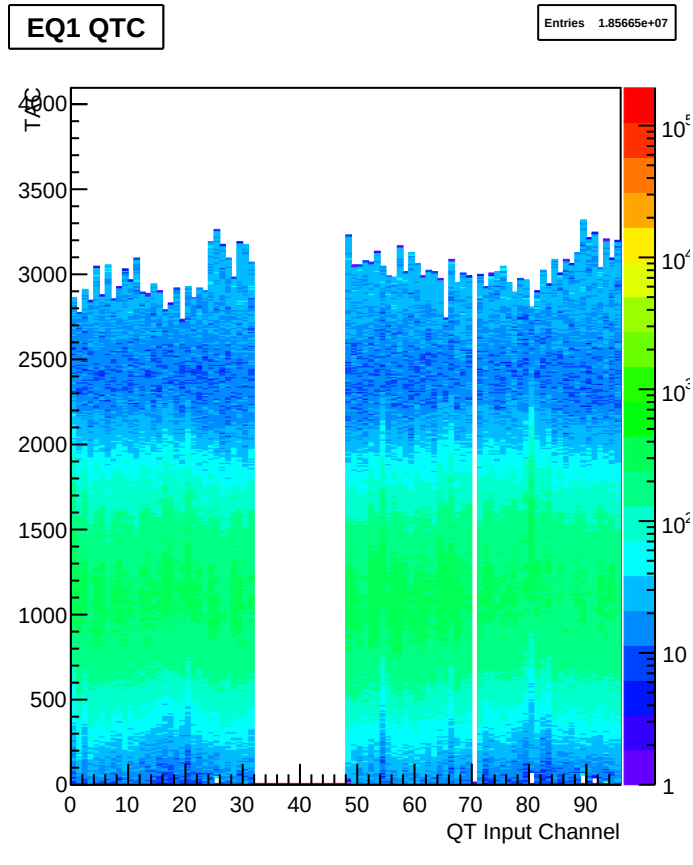

BBQ-VP002 West
Entries 3094416
ADC
QT Input Channel

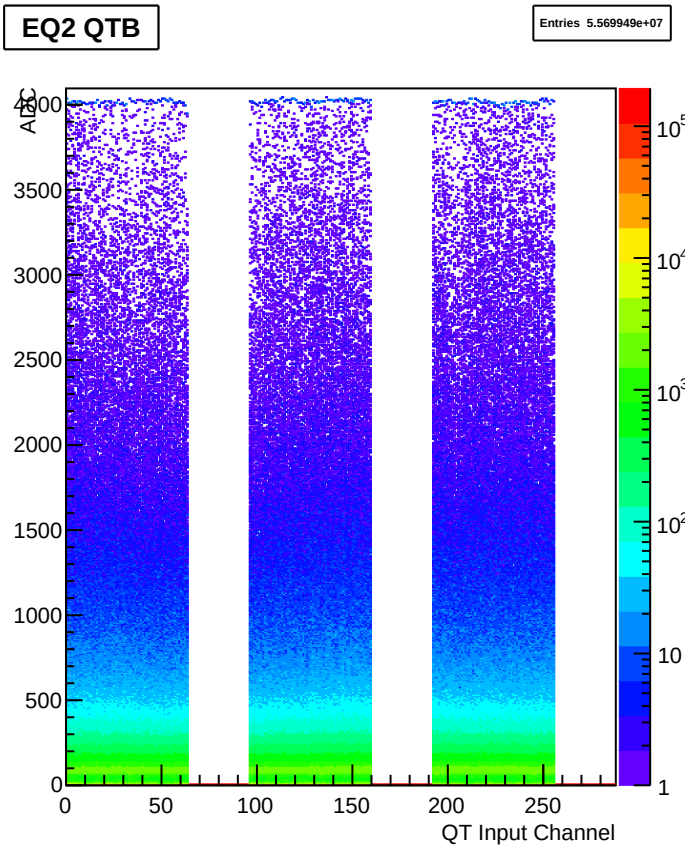

BBQ-VP002 West
Entries 3094416
ADC
QT Input Channel

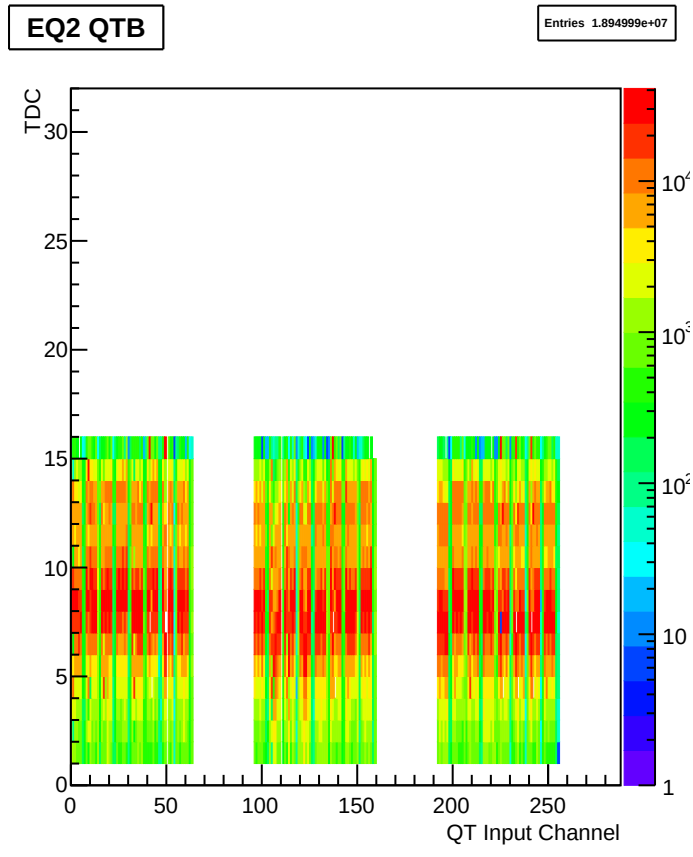

EQ1 QTB
Entries 5.569949e+07
ADC
QT Input Channel

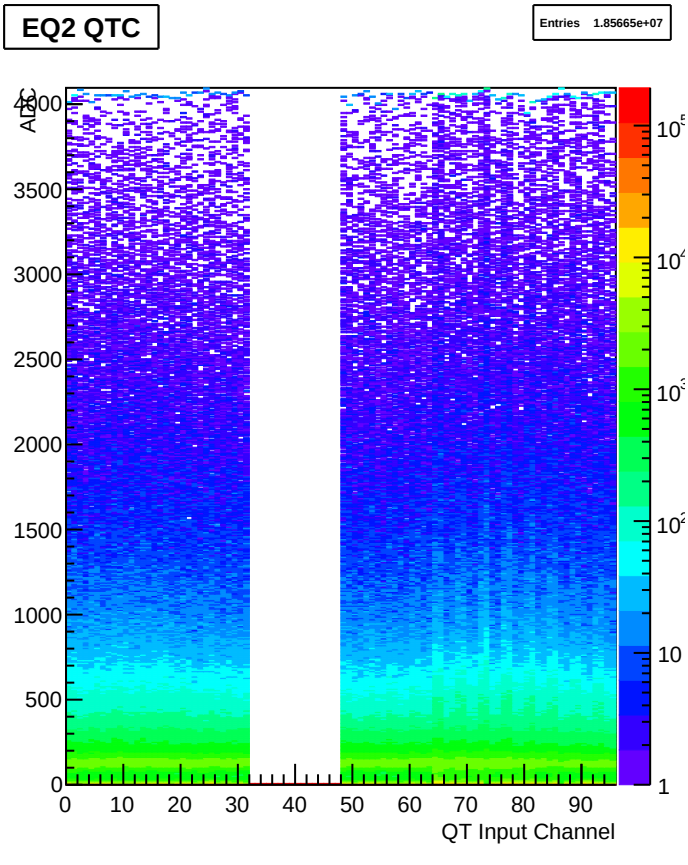

EQ1 QTB
Entries 1.875788e+07
TDC
QT Input Channel

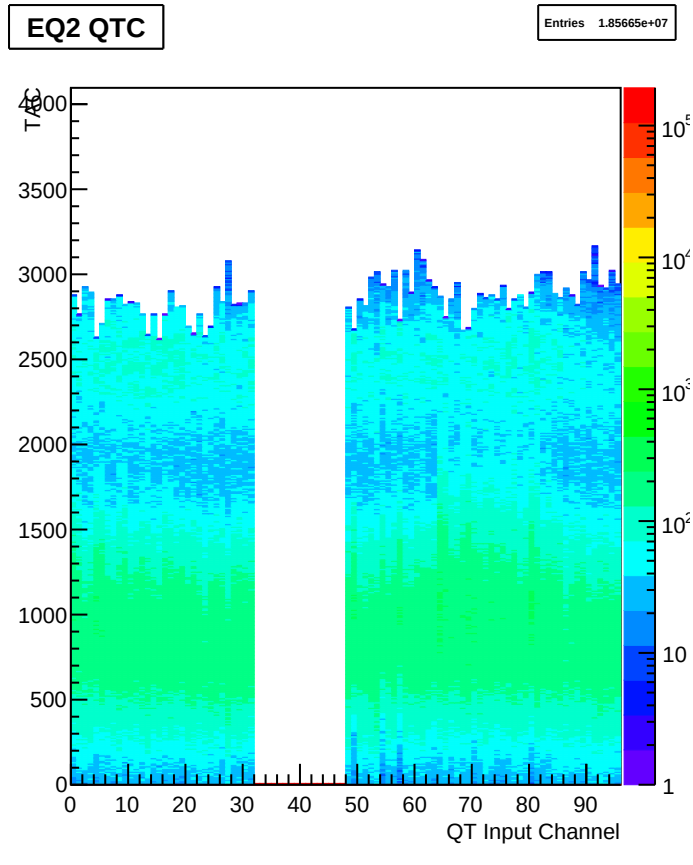

EQ1 QTC
Entries 1.85665e+07
ADC
QT Input Channel

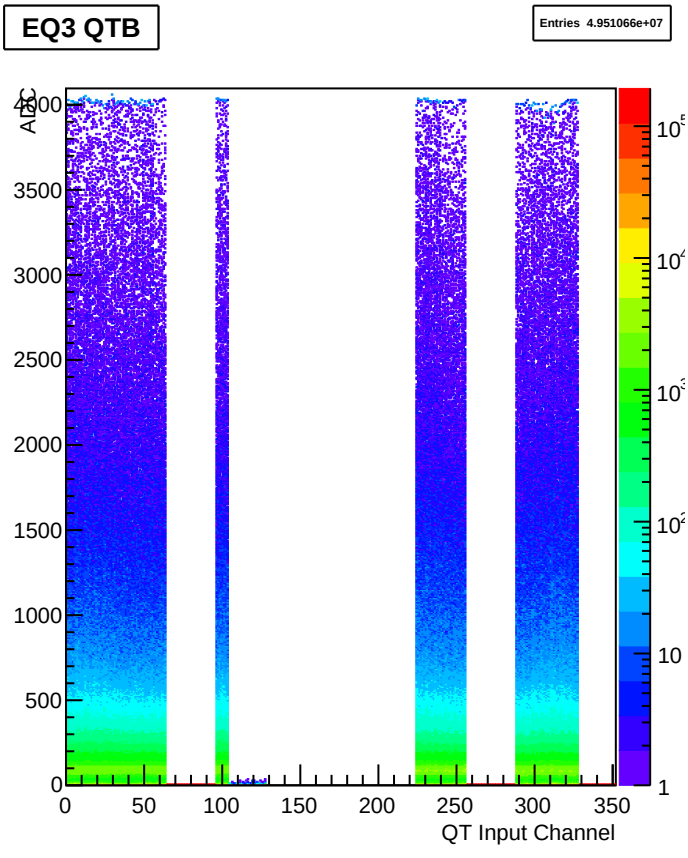

EQ1 QTC
Entries 1.85665e+07
TADC
QT Input Channel

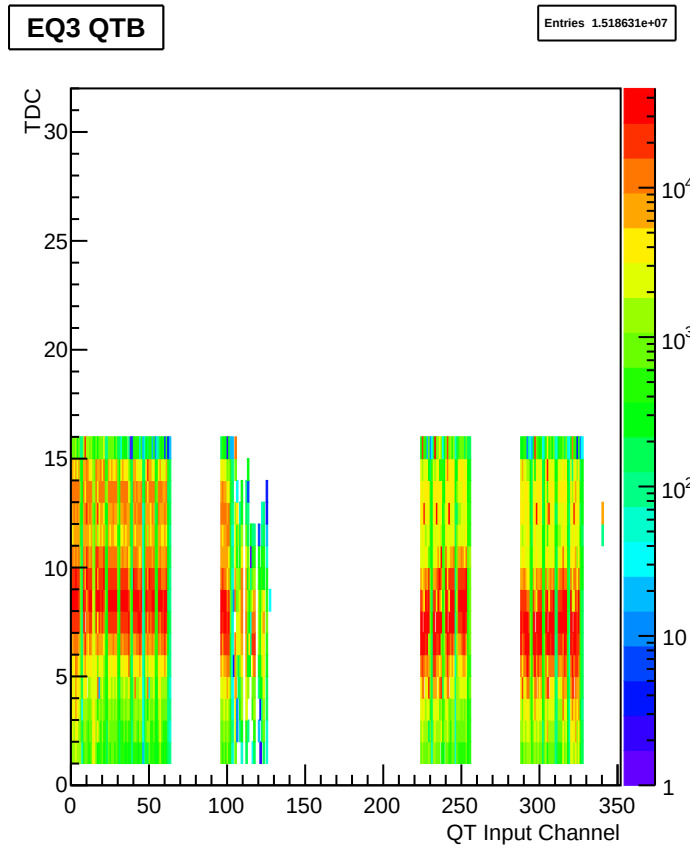

EQ2 QTB
Entries 5.569949e+07
ADC
QT Input Channel

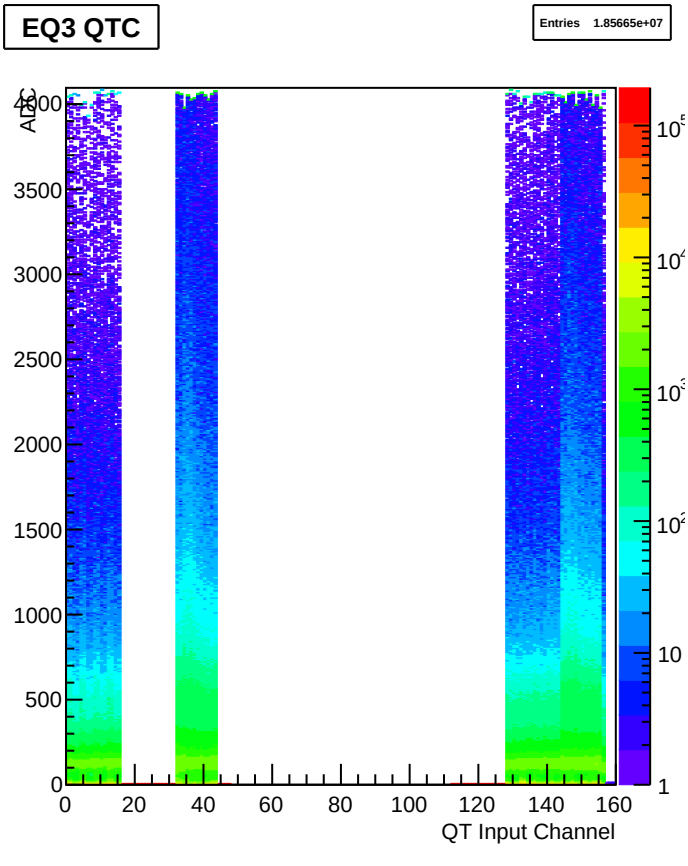

EQ2 QTB
Entries 1.894999e+07
TDC
QT Input Channel

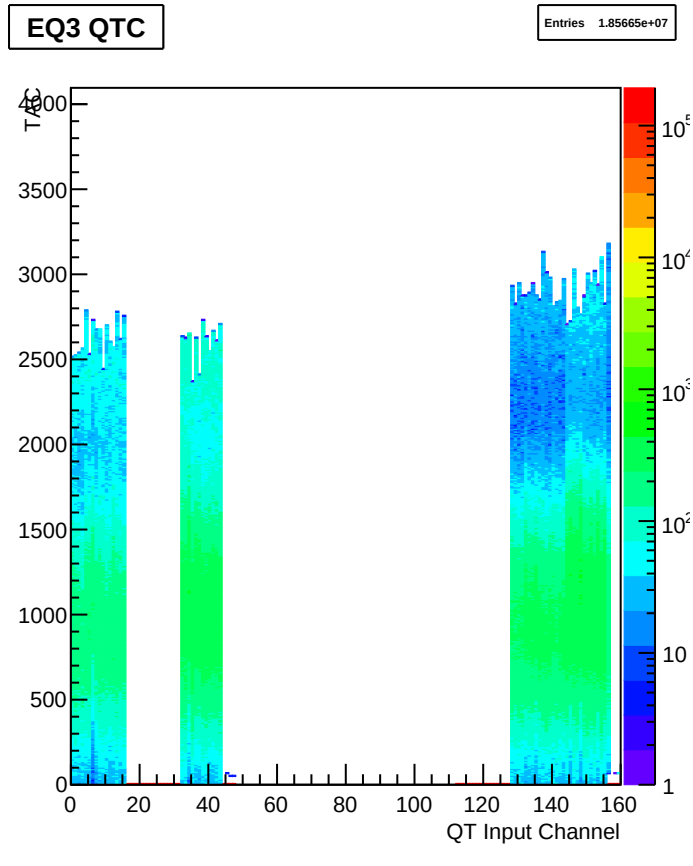

EQ2 QTC
Entries 1.85665e+07
ADC
QT Input Channel

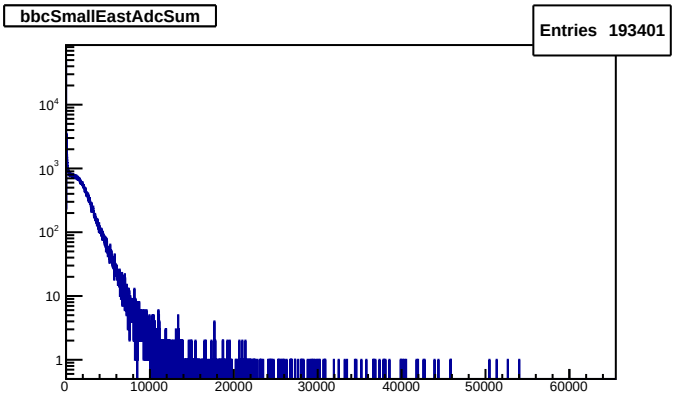

EQ2 QTC
Entries 1.85665e+07
TADC
QT Input Channel

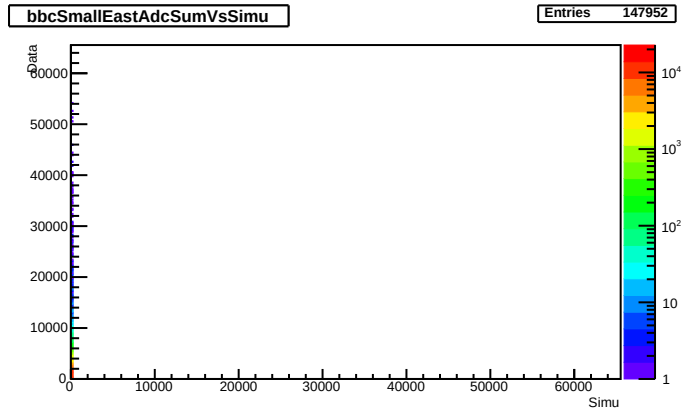

EQ3 QTB
Entries 4.951066e+07
ADC
QT Input Channel

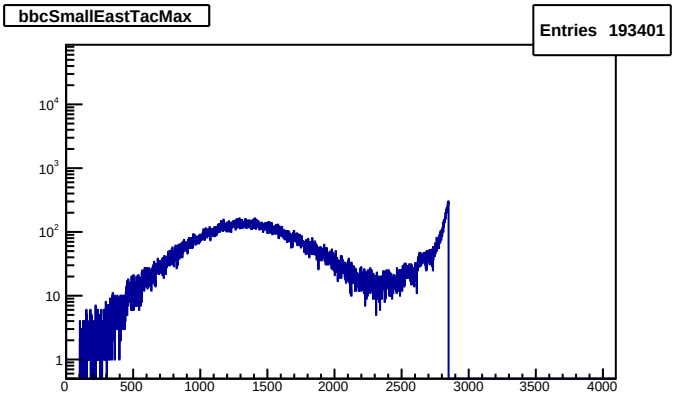

EQ3 QTB
Entries 1.518631e+07
TDC
QT Input Channel

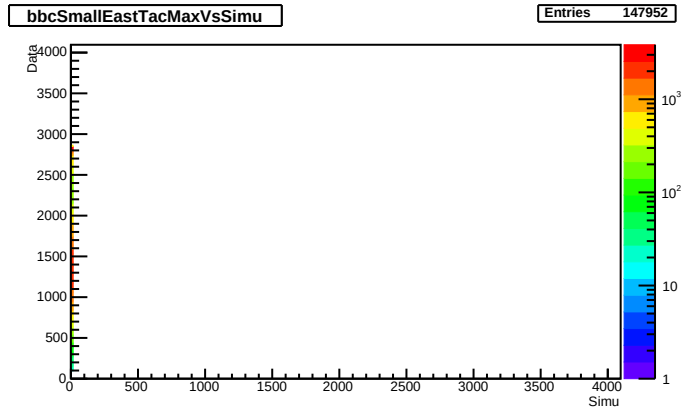

EQ3 QTC
Entries 1.85665e+07
ADC
QT Input Channel

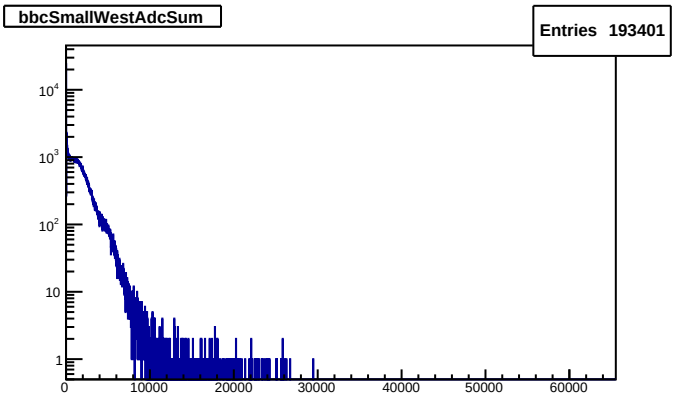

EQ3 QTC
Entries 1.85665e+07
TADC
QT Input Channel

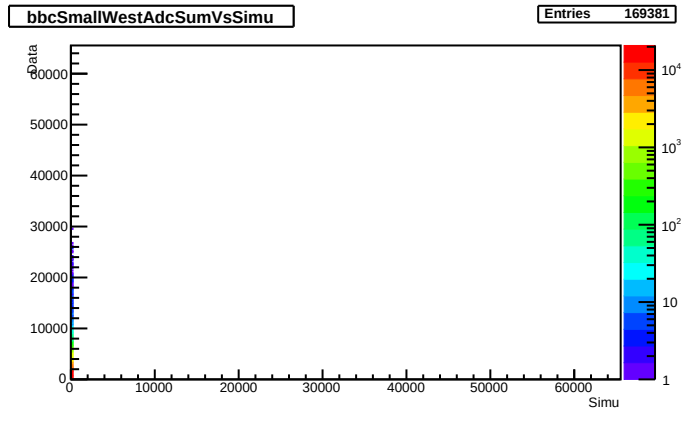

bbcSmallEastAdcSum
Entries 193401

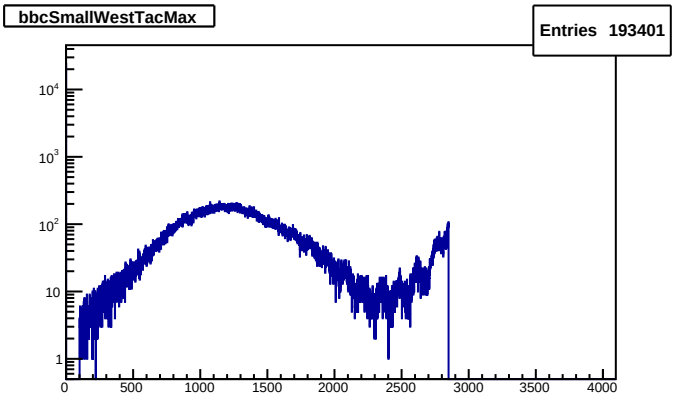

bbcSmallEastAdcSumVsSimu
Entries 147952
Data
Simu

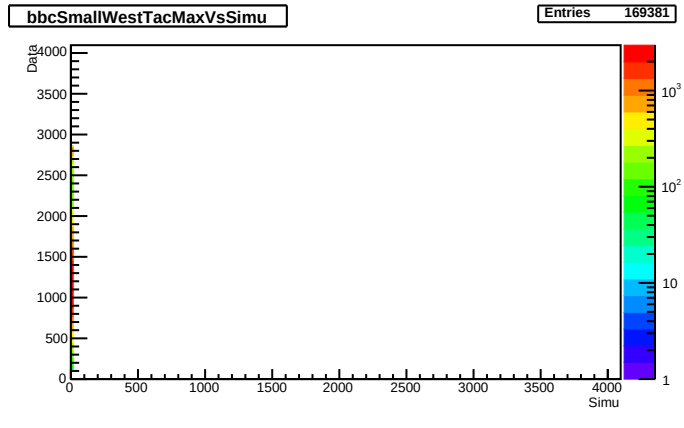

bbcSmallEastTacMax
Entries 193401

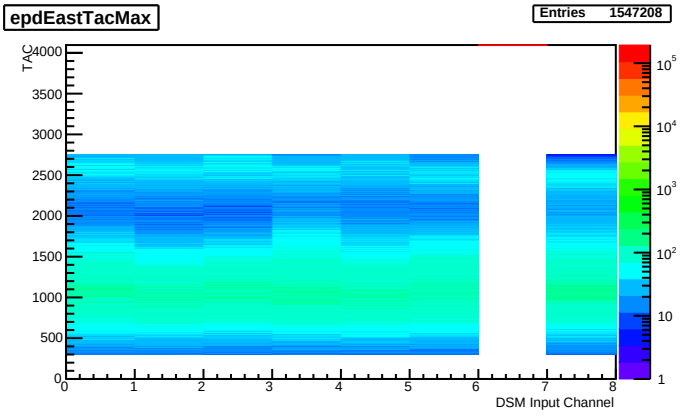

bbcSmallEastTacMaxVsSimu
Entries 147952
Data
Simu

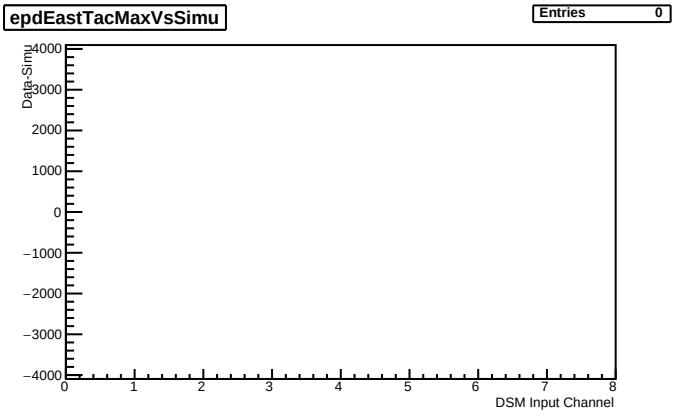

bbcSmallWestAdcSum
Entries 193401

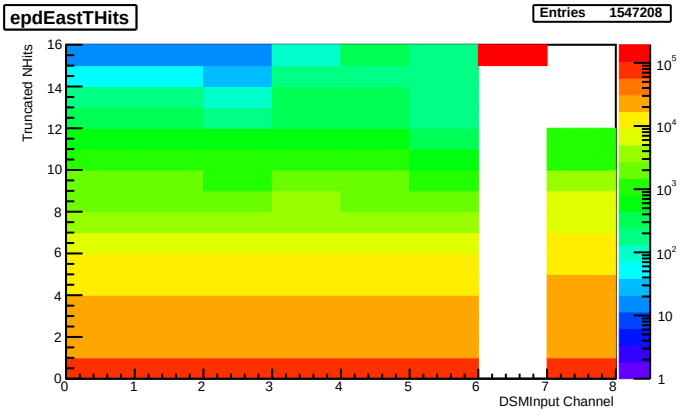

bbcSmallWestAdcSumVsSimu
Entries 169381
Data
Simu

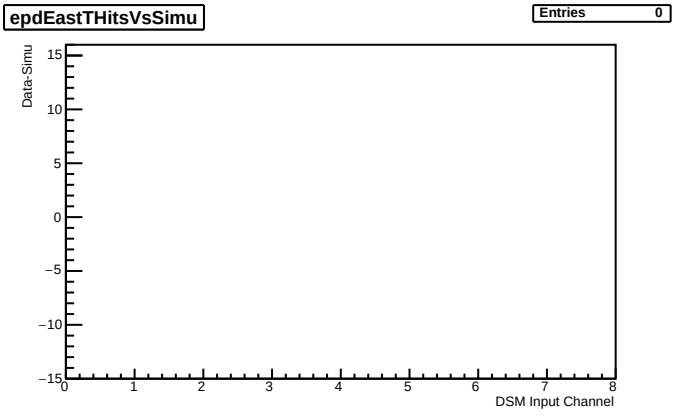

bbcSmallWestTacMax
Entries 193401

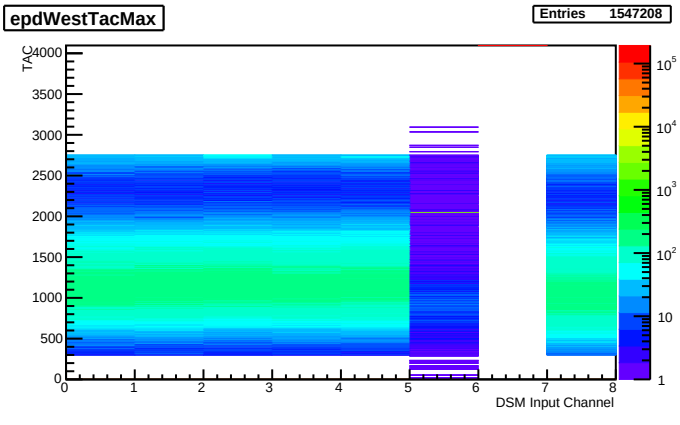

bbcSmallWestTacMaxVsSimu
Entries 169381
Data
Simu

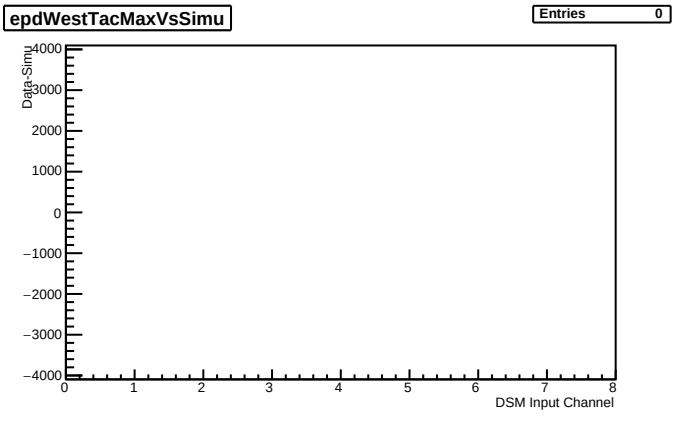

epdEastTacMax
Entries 1547208
TAC
DSM Input Channel

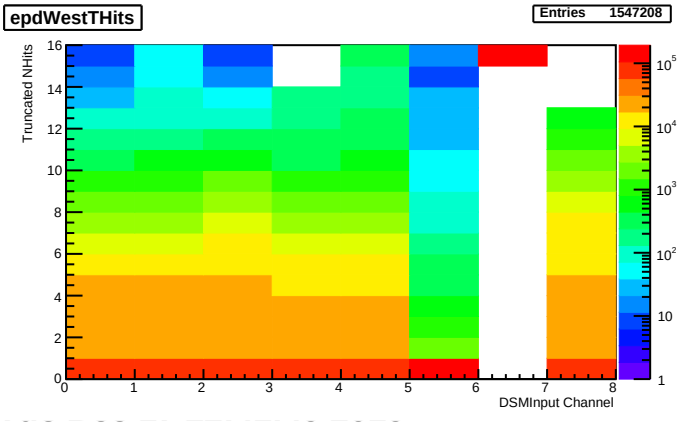

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

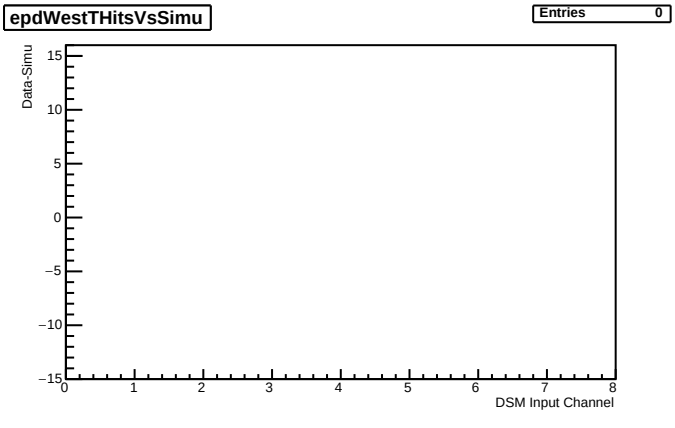

epdEastTHits
Entries 1547208
Truncated NHits
DSMInput Channel

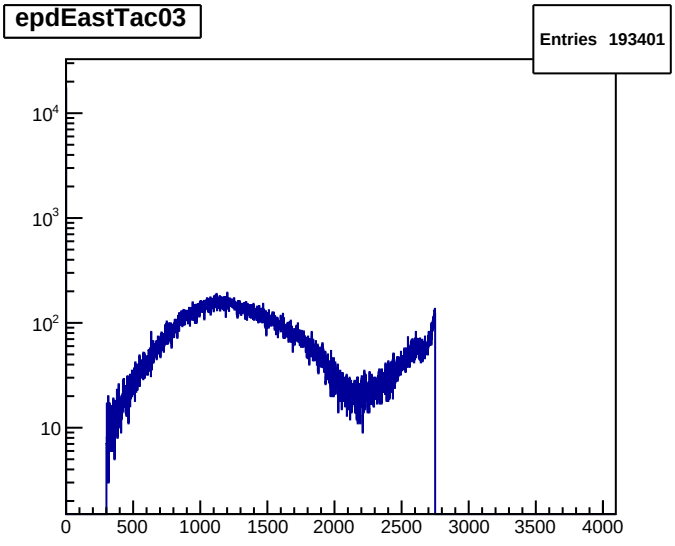

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

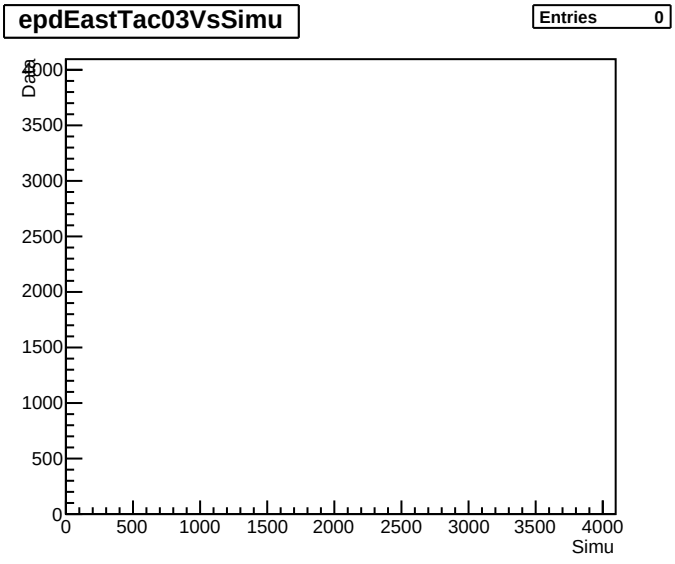

epdWestTacMax
Entries 1547208
TAC
DSM Input Channel

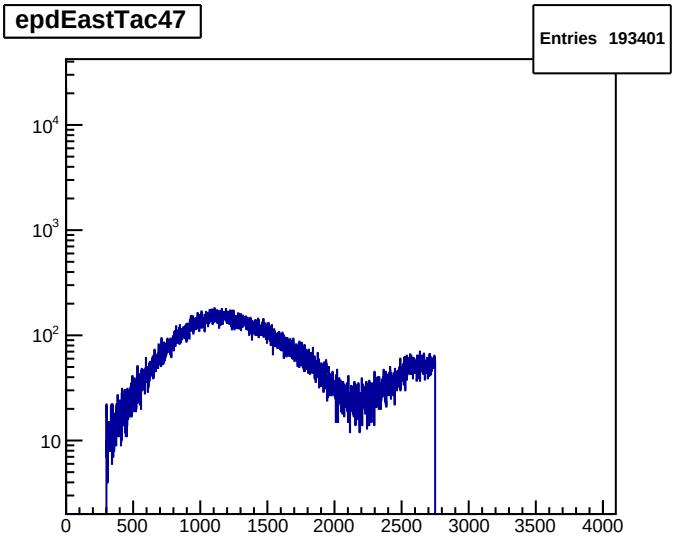

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

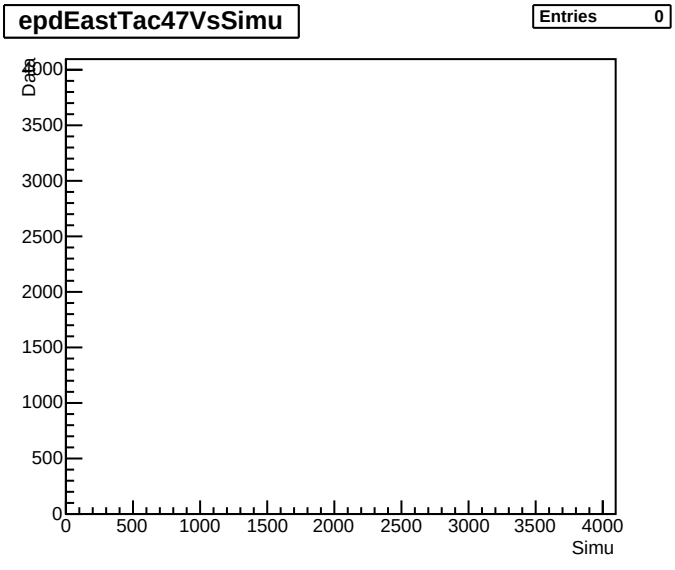

epdWestTHits
Entries 1547208
Truncated NHits
DSMInput Channel

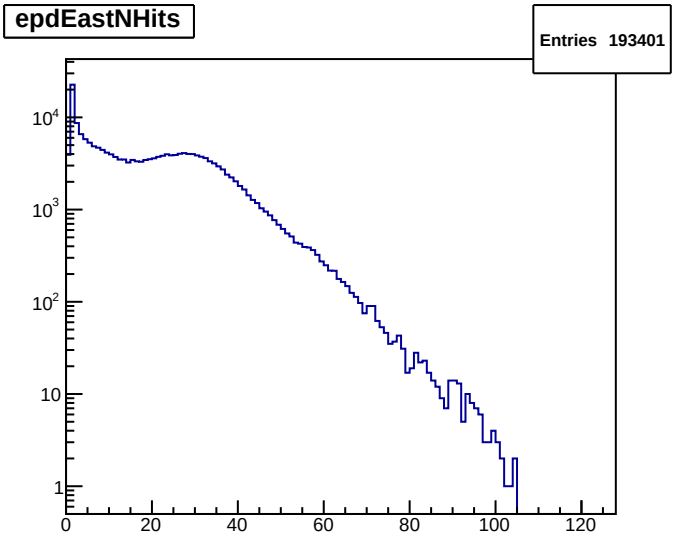

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

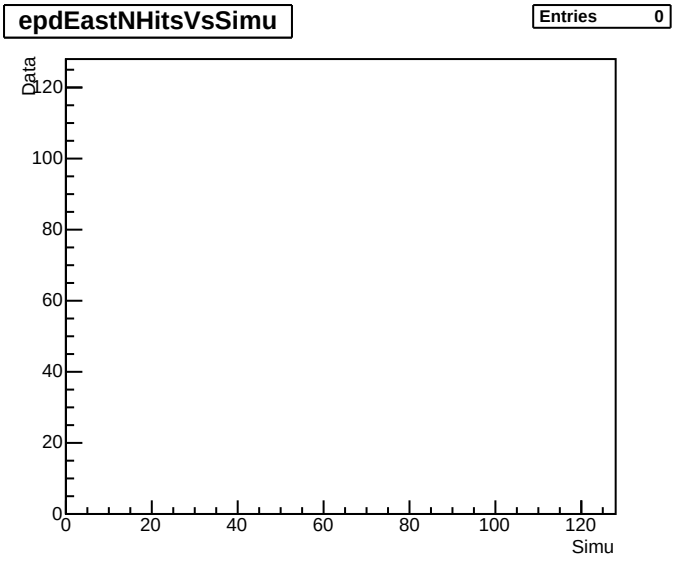

epdEastTac03
Entries 193401

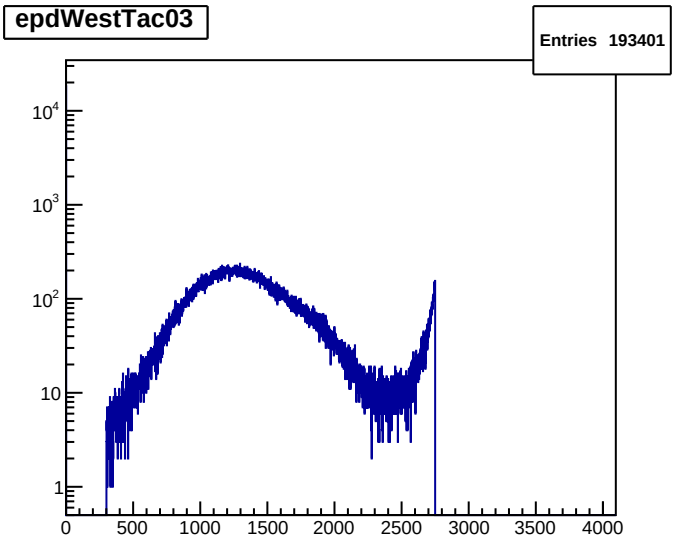

epdEastTac03VsSimu
Entries 0
Data
Simu

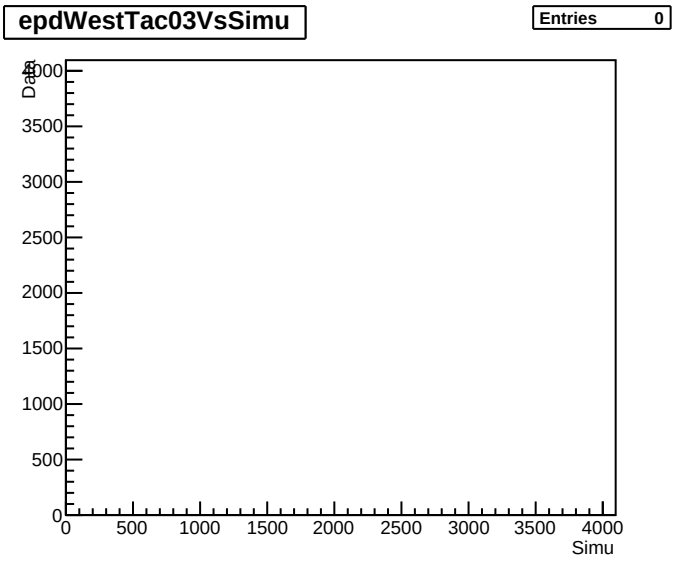

epdEastTac47
Entries 193401

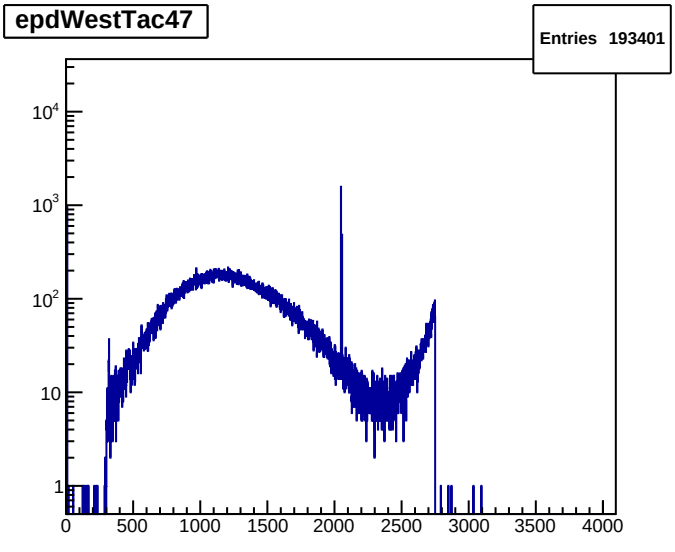

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 193401


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 193401


epdWestTac03VsSimu
Entries 0
Data
Simu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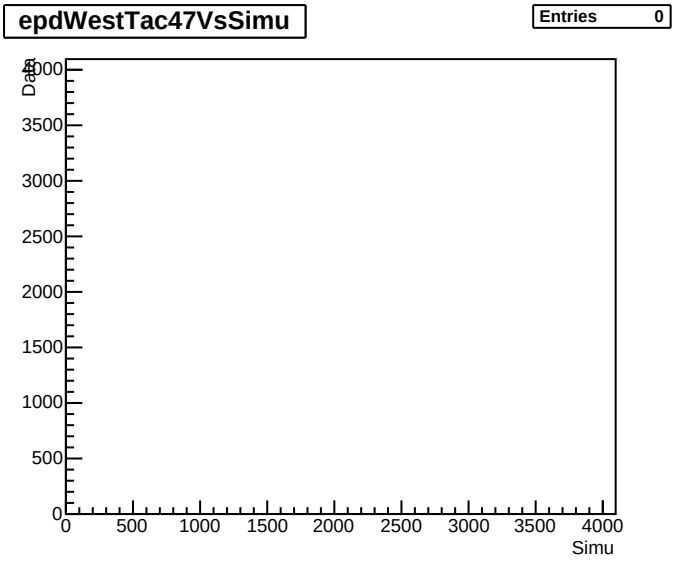
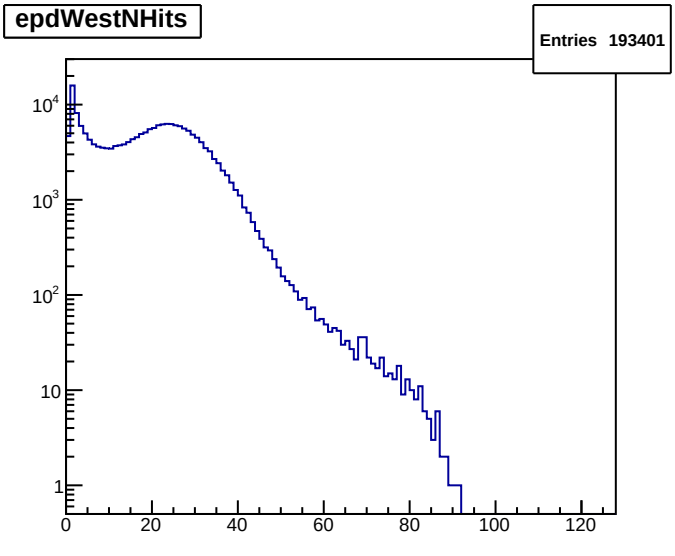
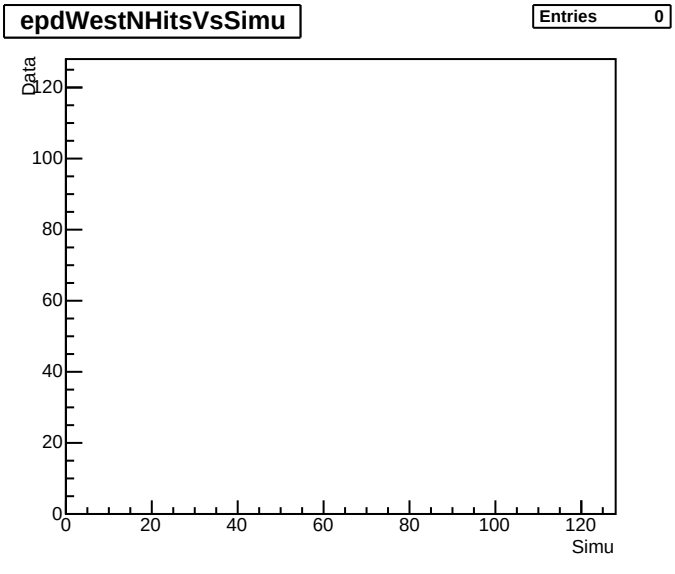
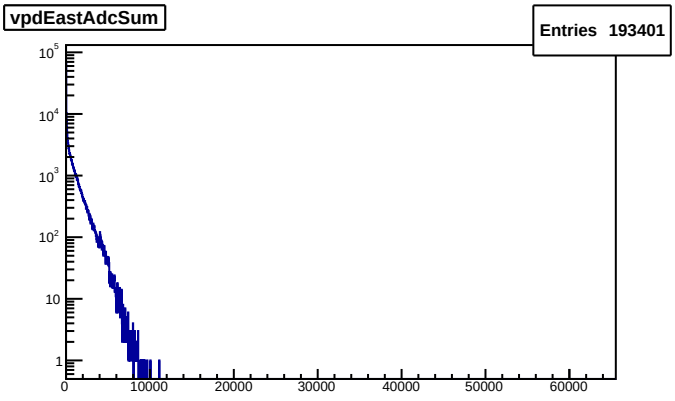
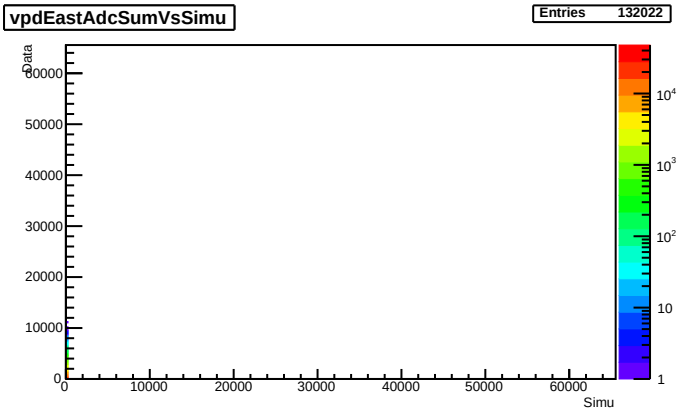
Entries 193401

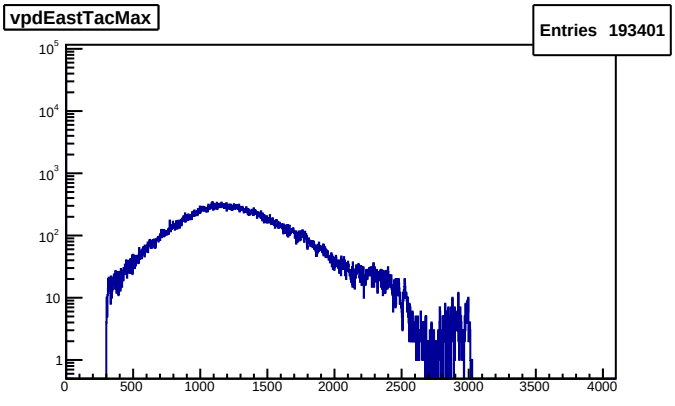

epdWestTac47VsSimu
Entries 0
Data
Simu

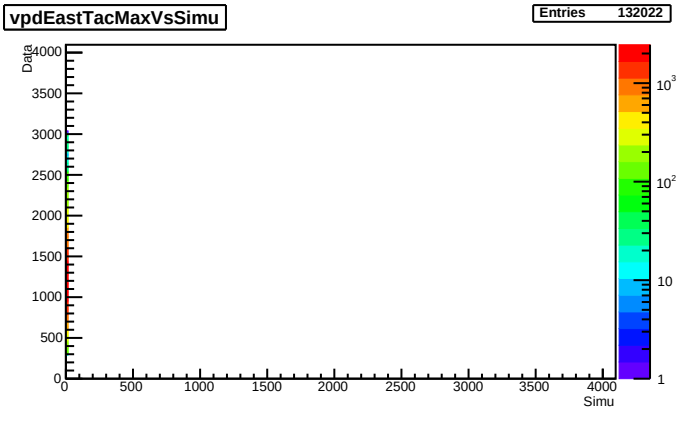

epdWestNHits
Entries 193401

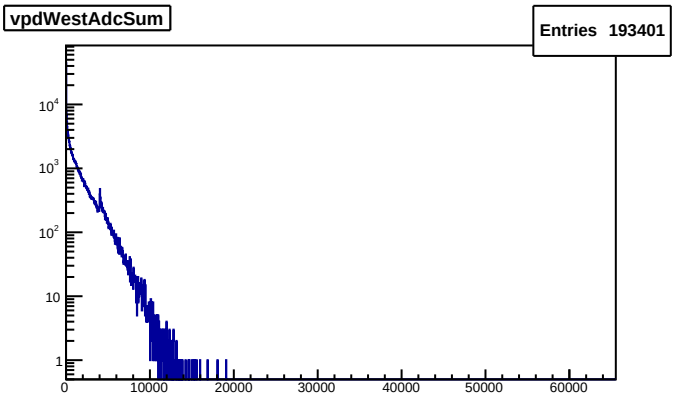

epdWestNHitsVsSimu
Entries 0
Data
Simu

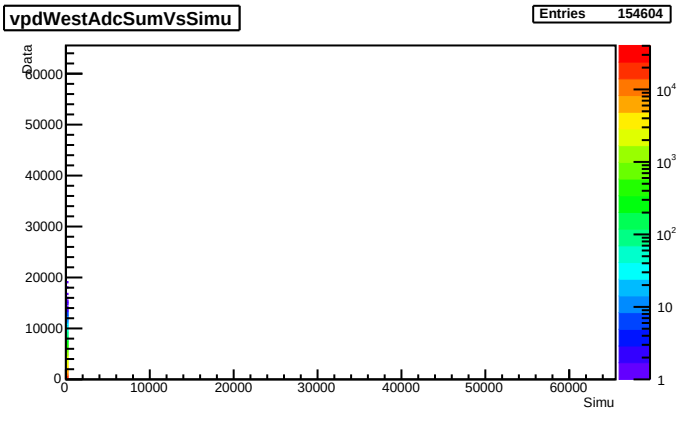

vpdEastAdcSum
Entries 193401

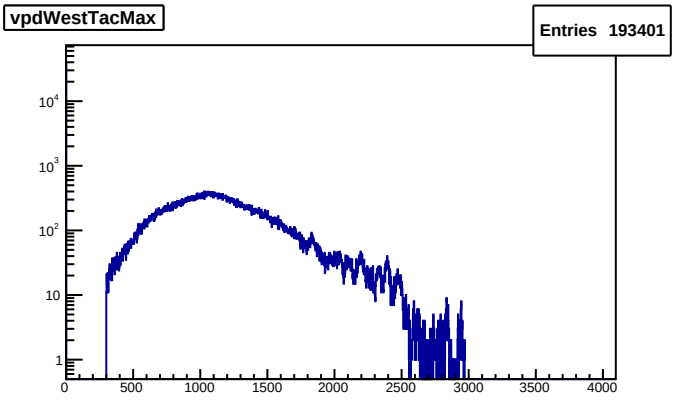

vpdEastAdcSumVsSimu
Entries 132022
Data
Simu

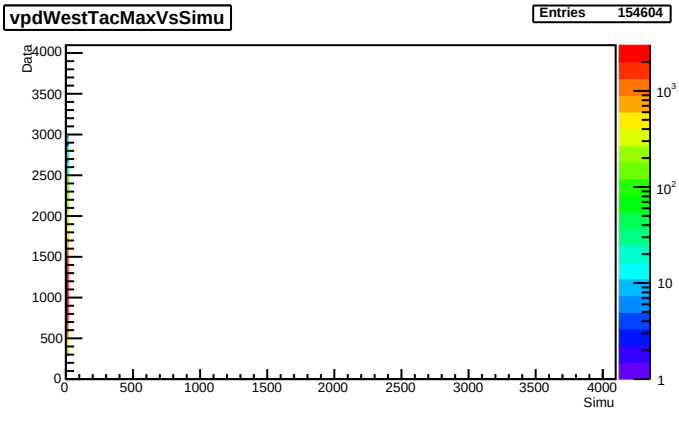

vpdEastTacMax
Entries 193401

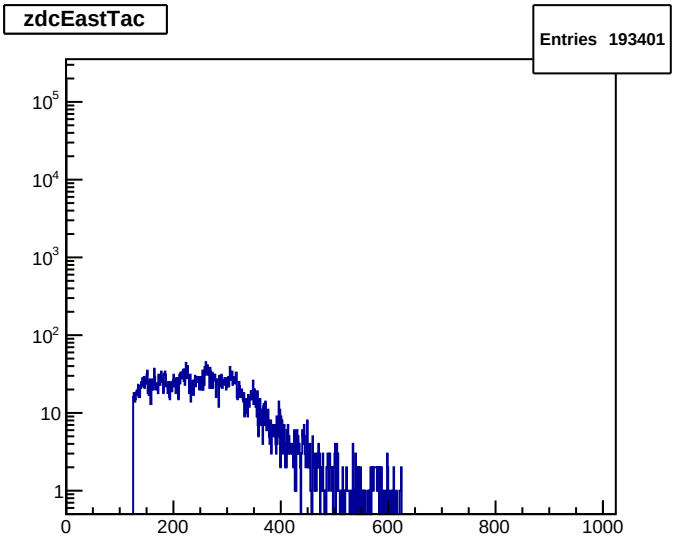

vpdEastTacMaxVsSimu
Entries 132022
Data
Simu

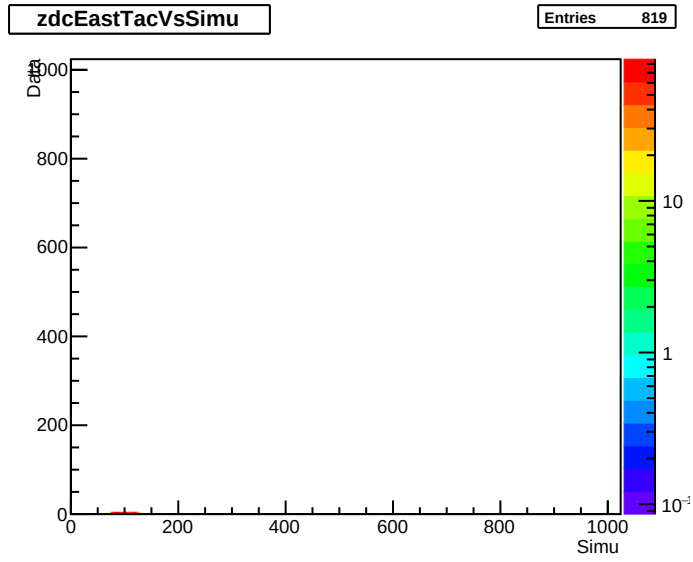

vpdWestAdcSum
Entries 193401

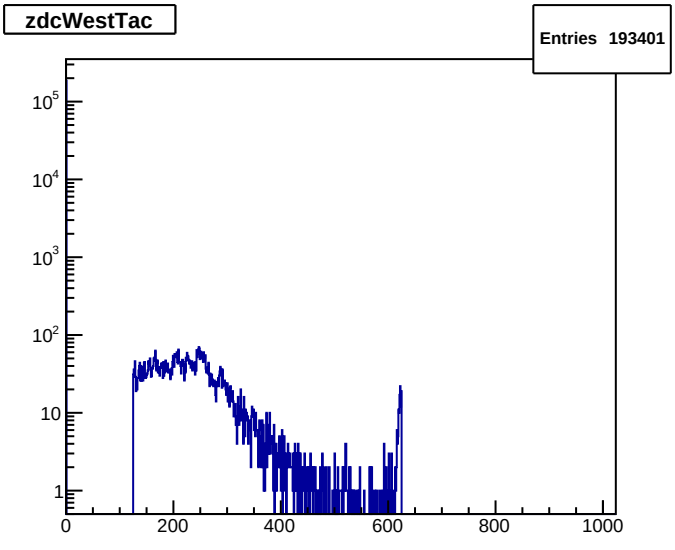

vpdWestAdcSumVsSimu
Entries 154604
Data
Simu

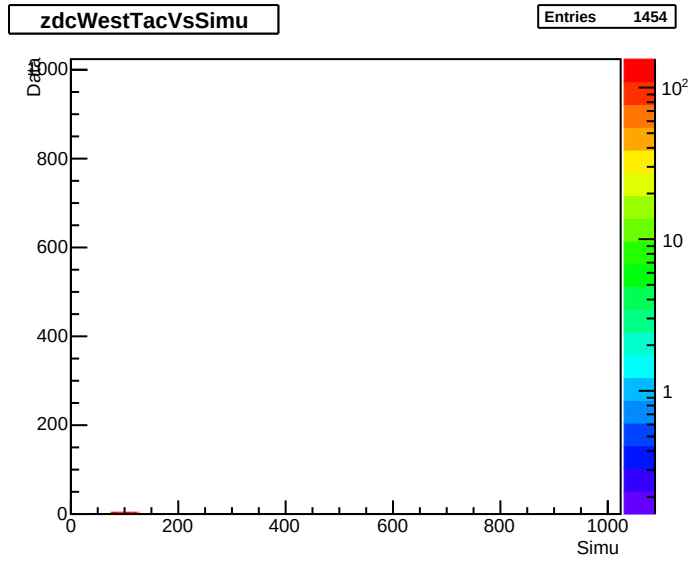

vpdWestTacMax
Entries 193401

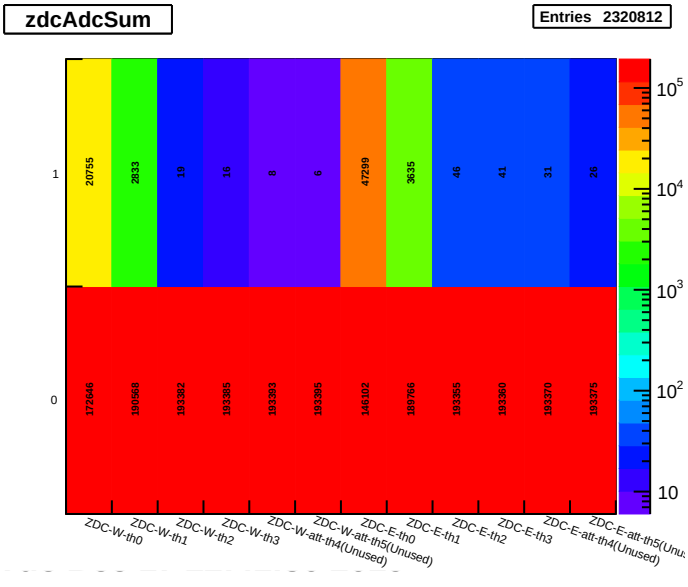

vpdWestTacMaxVsSimu
Entries 154604
Data
Simu

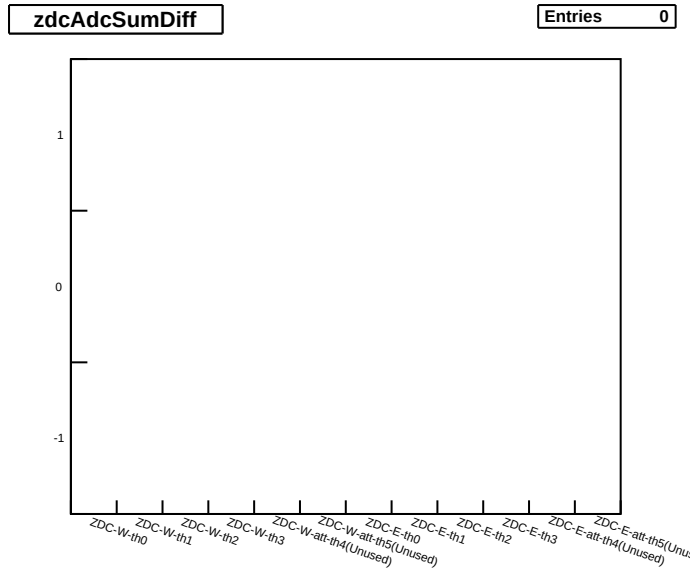

zdcEastTac
Entries 193401

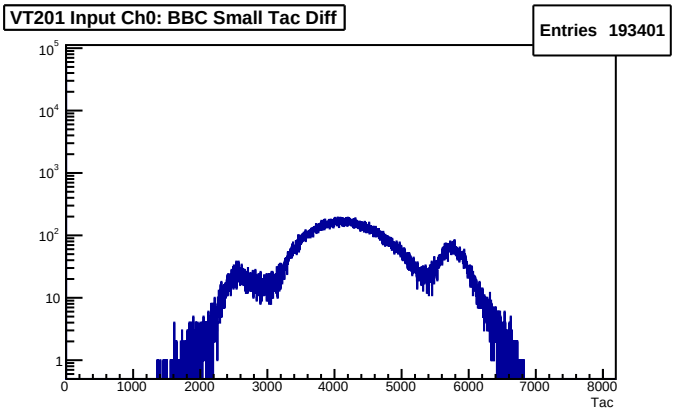

zdcEastTacVsSimu
Entries 819
Data
Simu

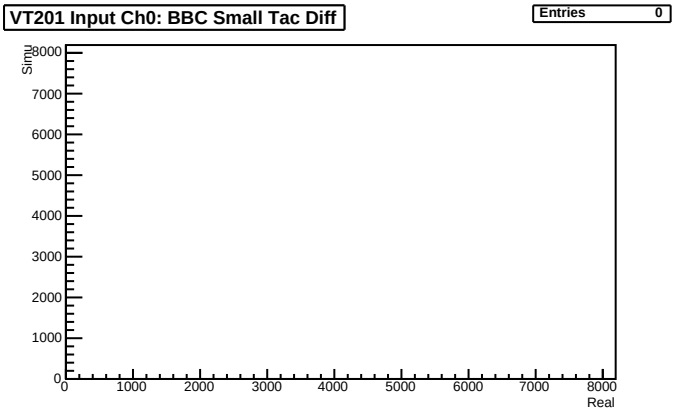

zdcWestTac
Entries 193401

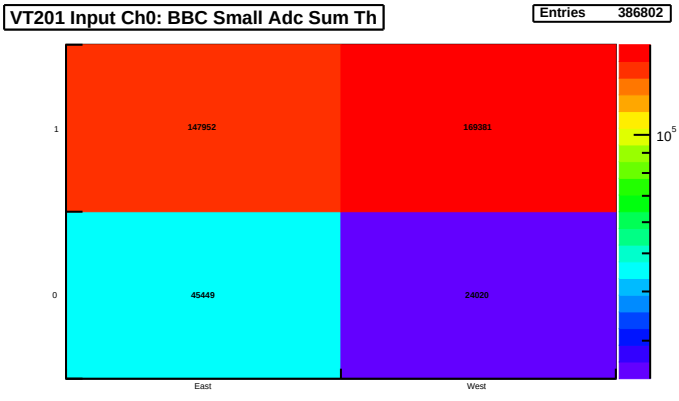

zdcWestTacVsSimu
Entries 1454
Data
Simu

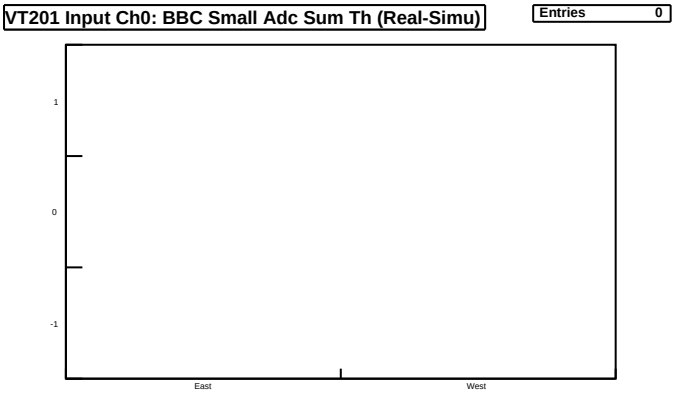

zdcAdcSum
Entries 2320812
20755
2833
19
16
8
6
47299
3635
46
41
31
26
172646
190568
193382
193385
193393
193395
146102
189766
193355
193360
193370
193375
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

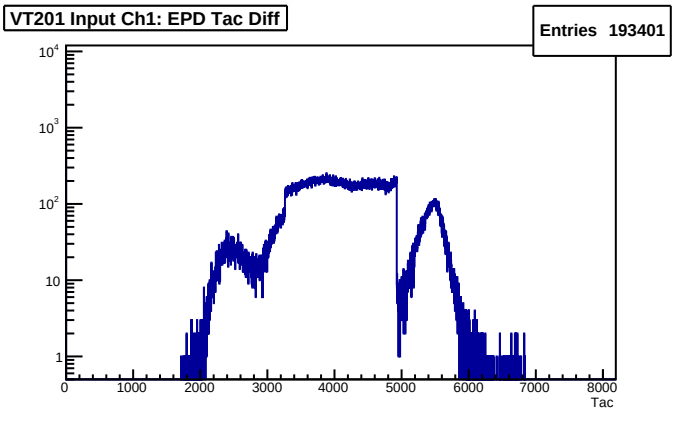

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

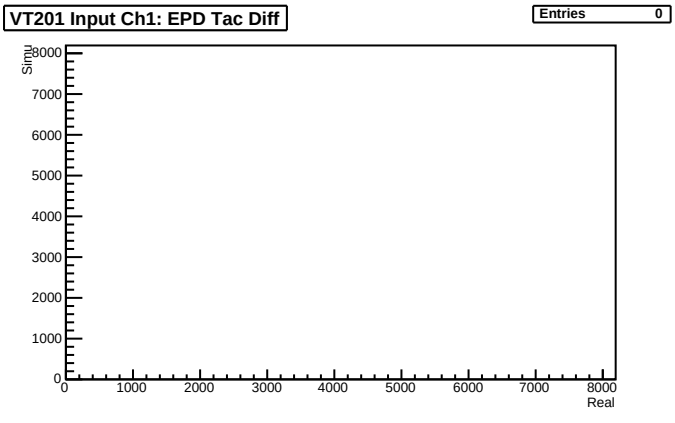

VT201 Input Ch0: BBC Small Tac Diff
Entries 193401
Tac

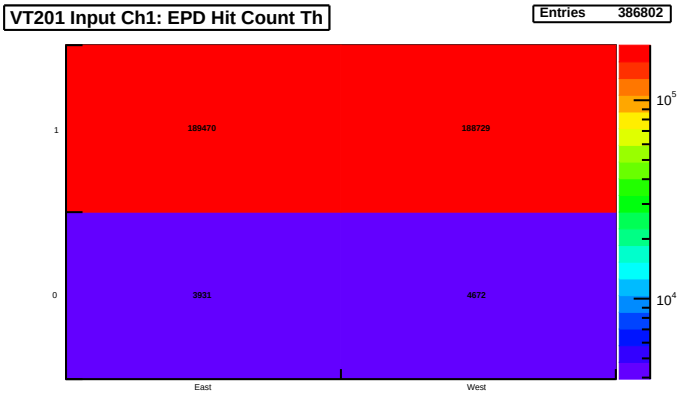

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

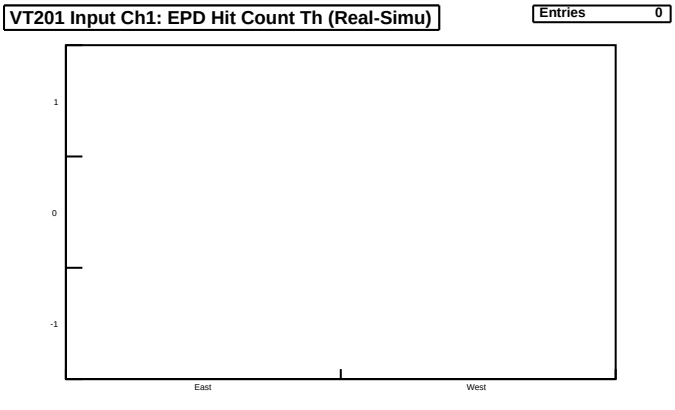

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 386802
147952
169381
45449
24020
East
West

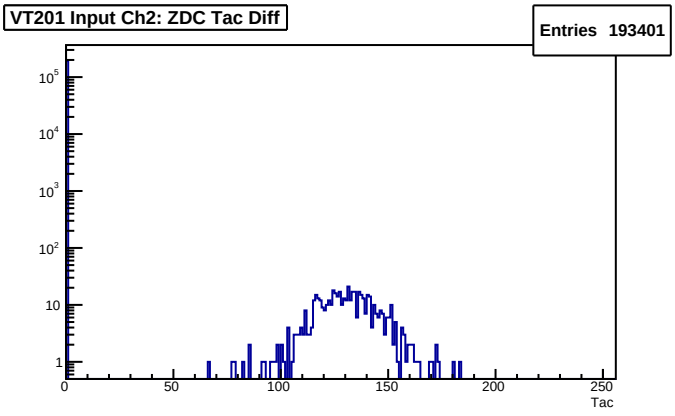

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

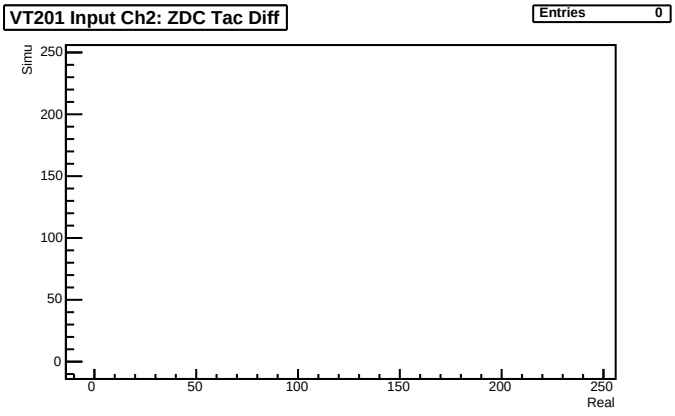

VT201 Input Ch1: EPD Tac Diff
Entries 193401
Tac

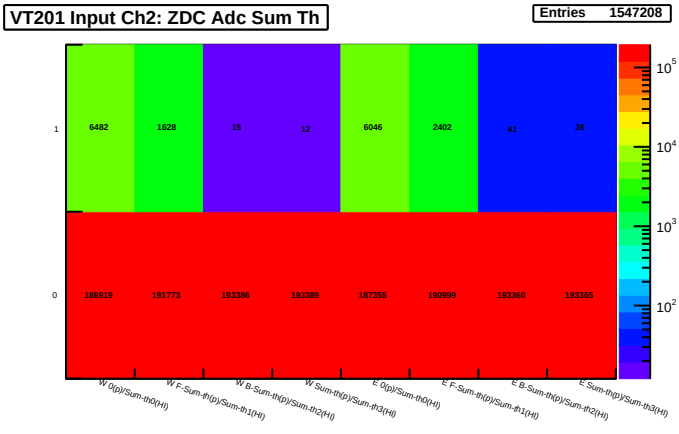

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

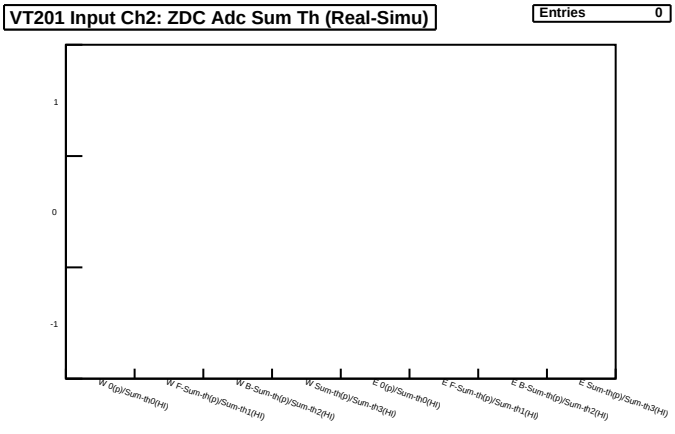

VT201 Input Ch1: EPD Hit Count Th
Entries 386802
189470
188729
3931
4672
East
West

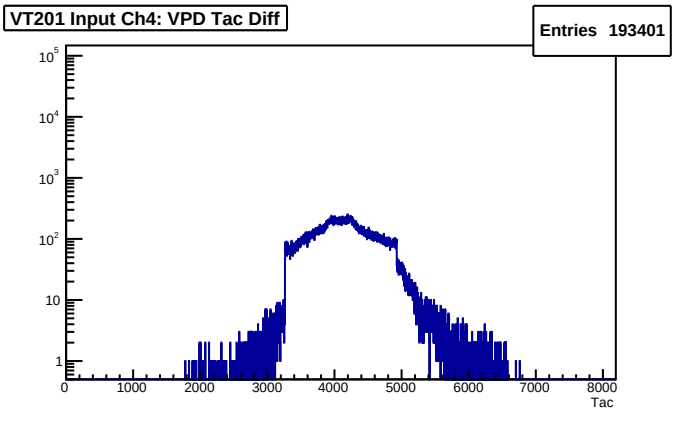

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

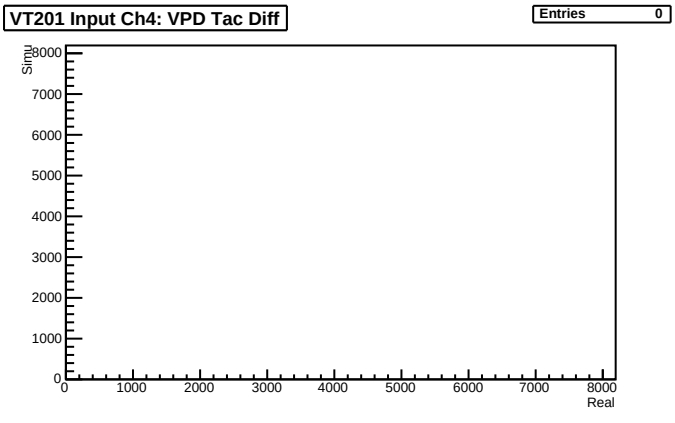

VT201 Input Ch2: ZDC Tac Diff
Entries 193401
Tac

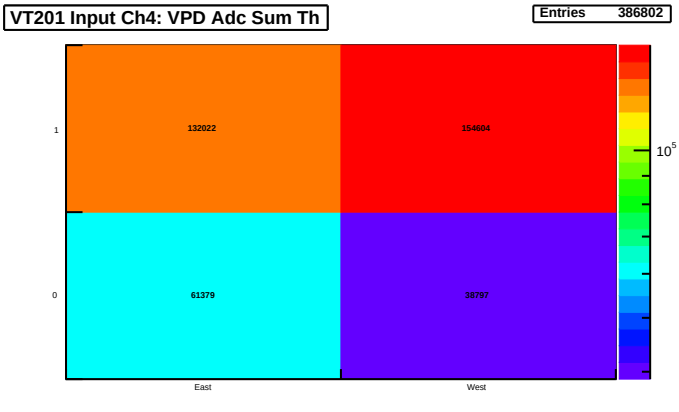

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

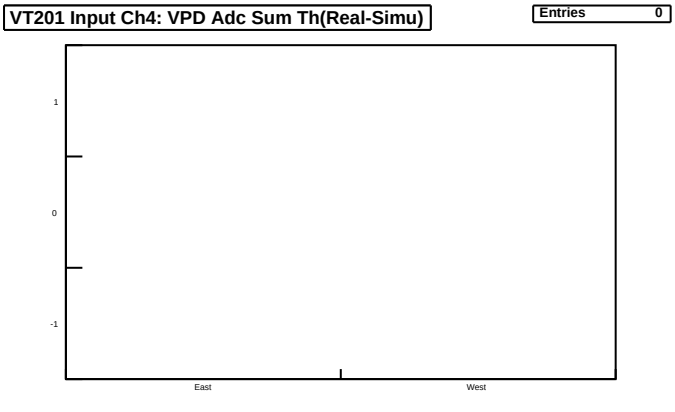

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1547208
6482
1628
15
12
6046
2402
41
36
186919
191773
193386
193389
187355
190999
193360
193365
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

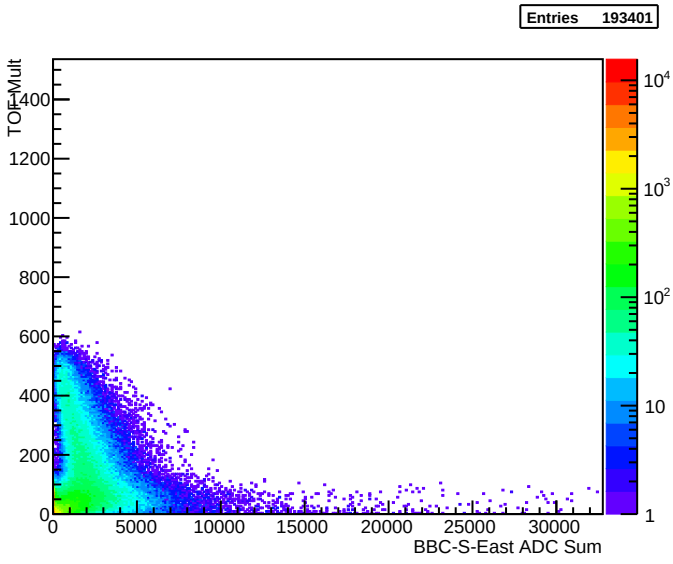

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

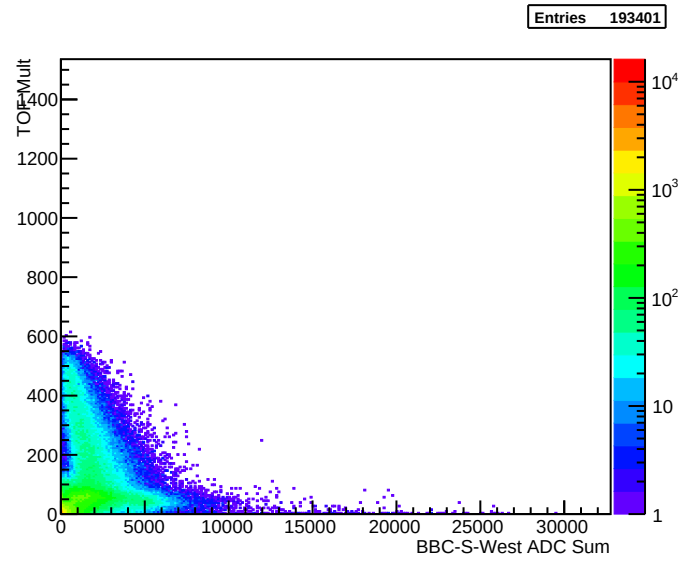

VT201 Input Ch4: VPD Tac Diff
Entries 193401
Tac

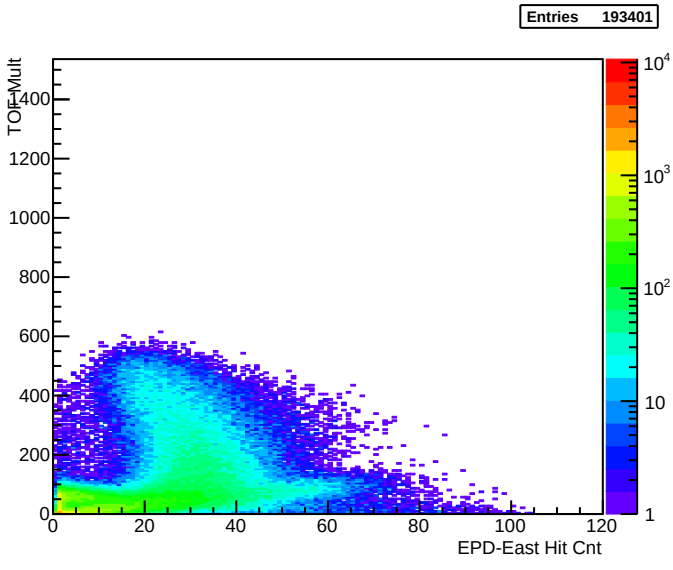

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

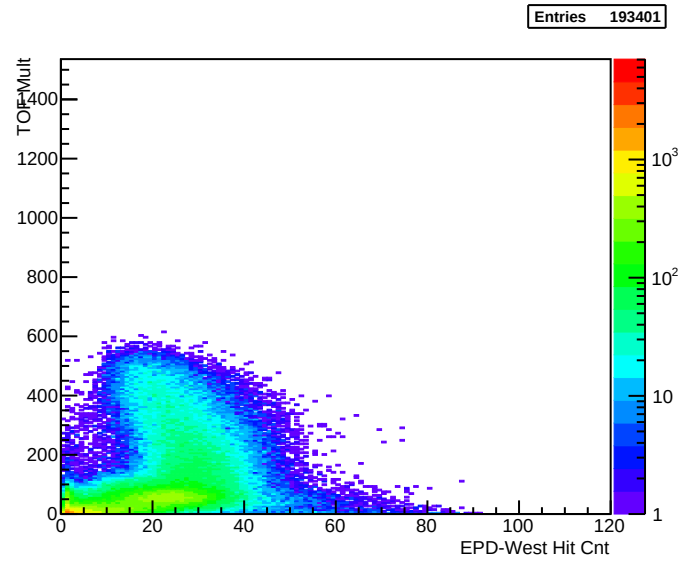

VT201 Input Ch4: VPD Adc Sum Th
Entries 386802
132022
154604
61379
38797
East
West

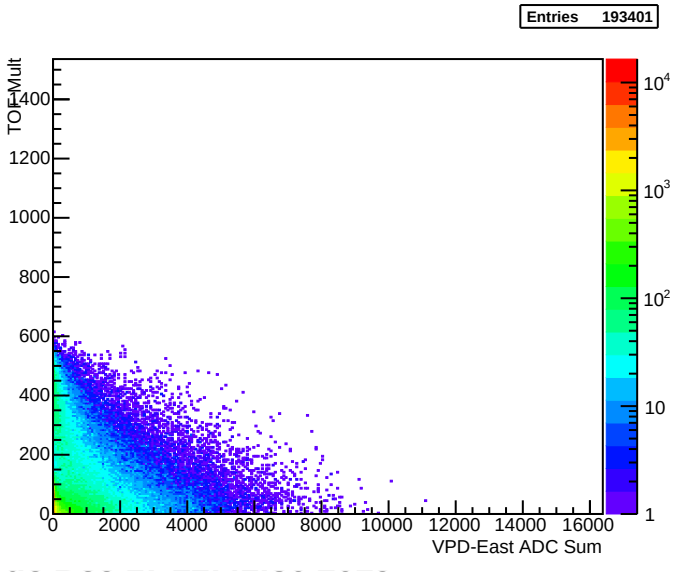

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

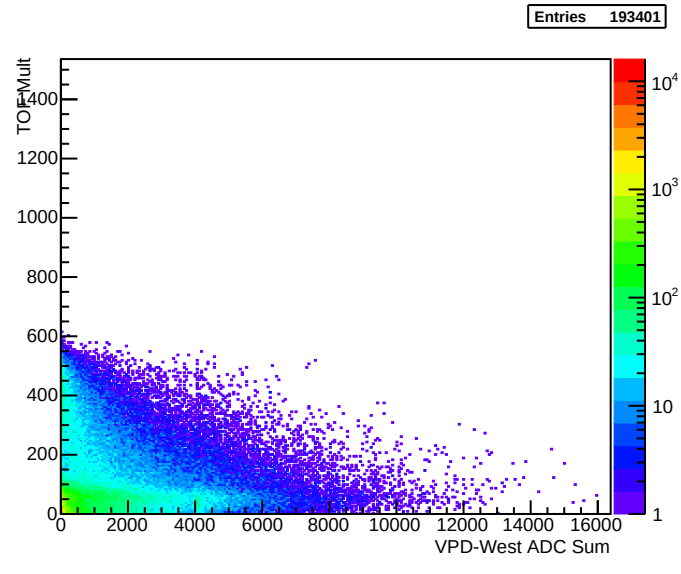

Entries 193401
TOF-Mult
BBC-S-East ADC Sum

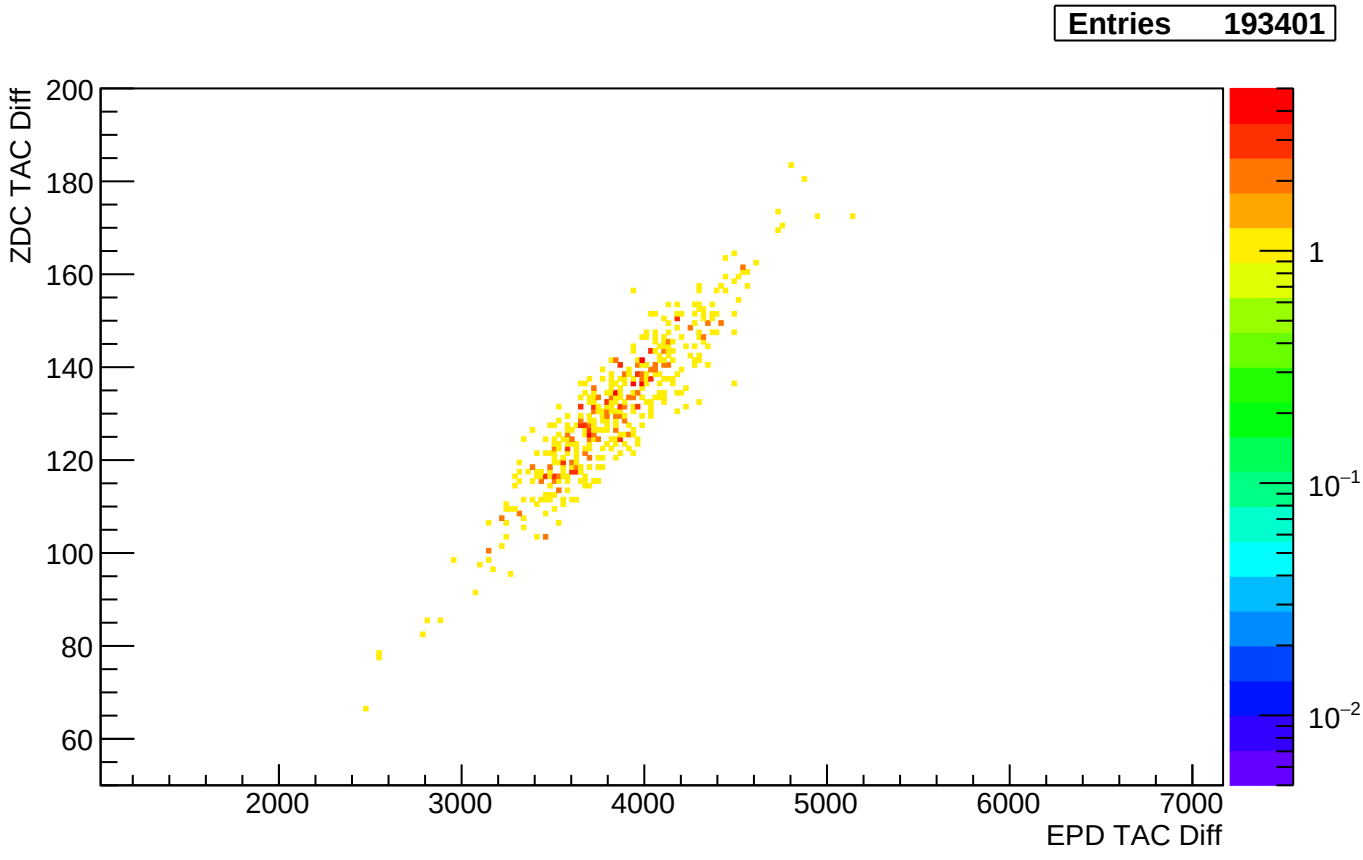

Entries 193401
TOF-Mult
BBC-S-West ADC Sum

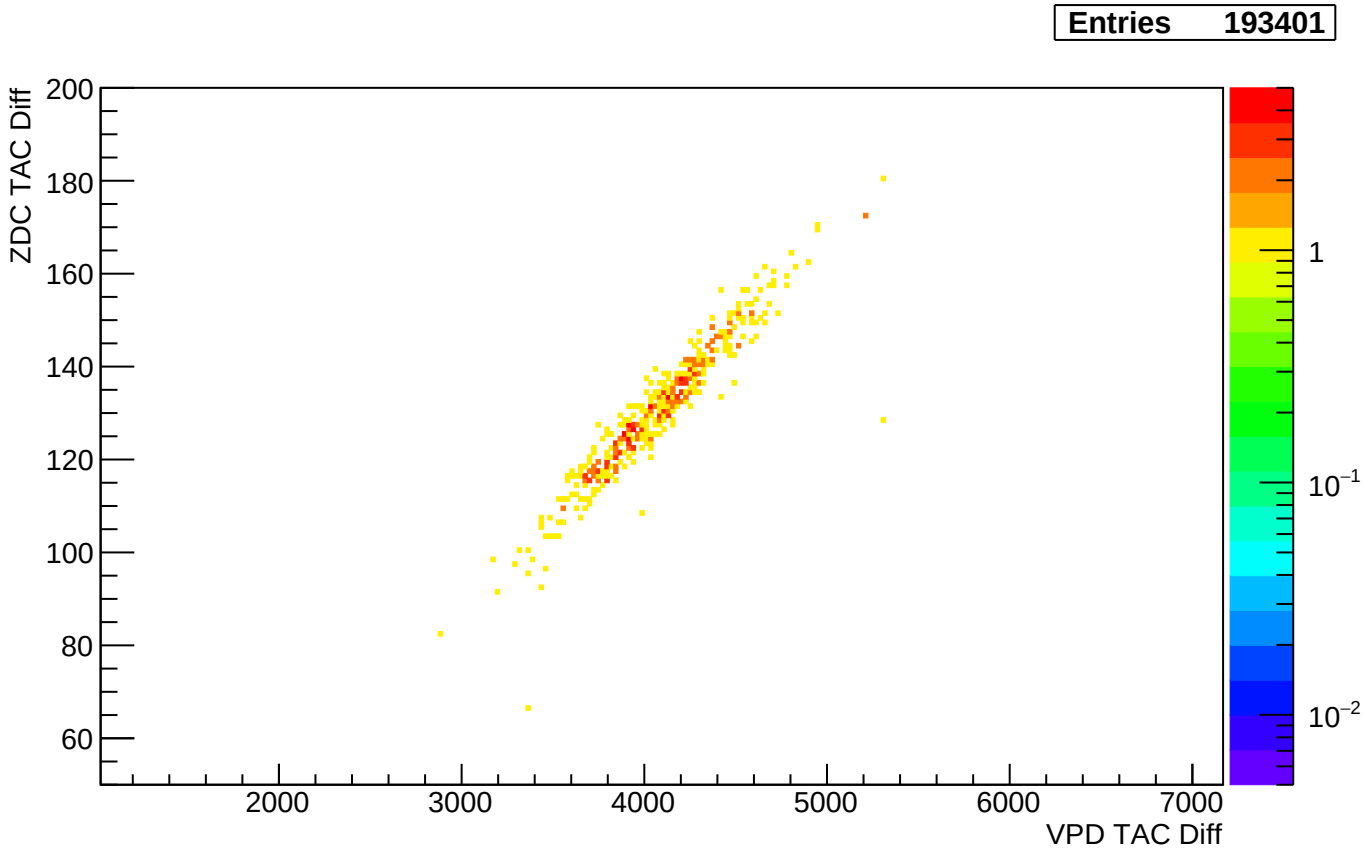

Entries 193401
TOF-Mult
EPD-East Hit Cnt

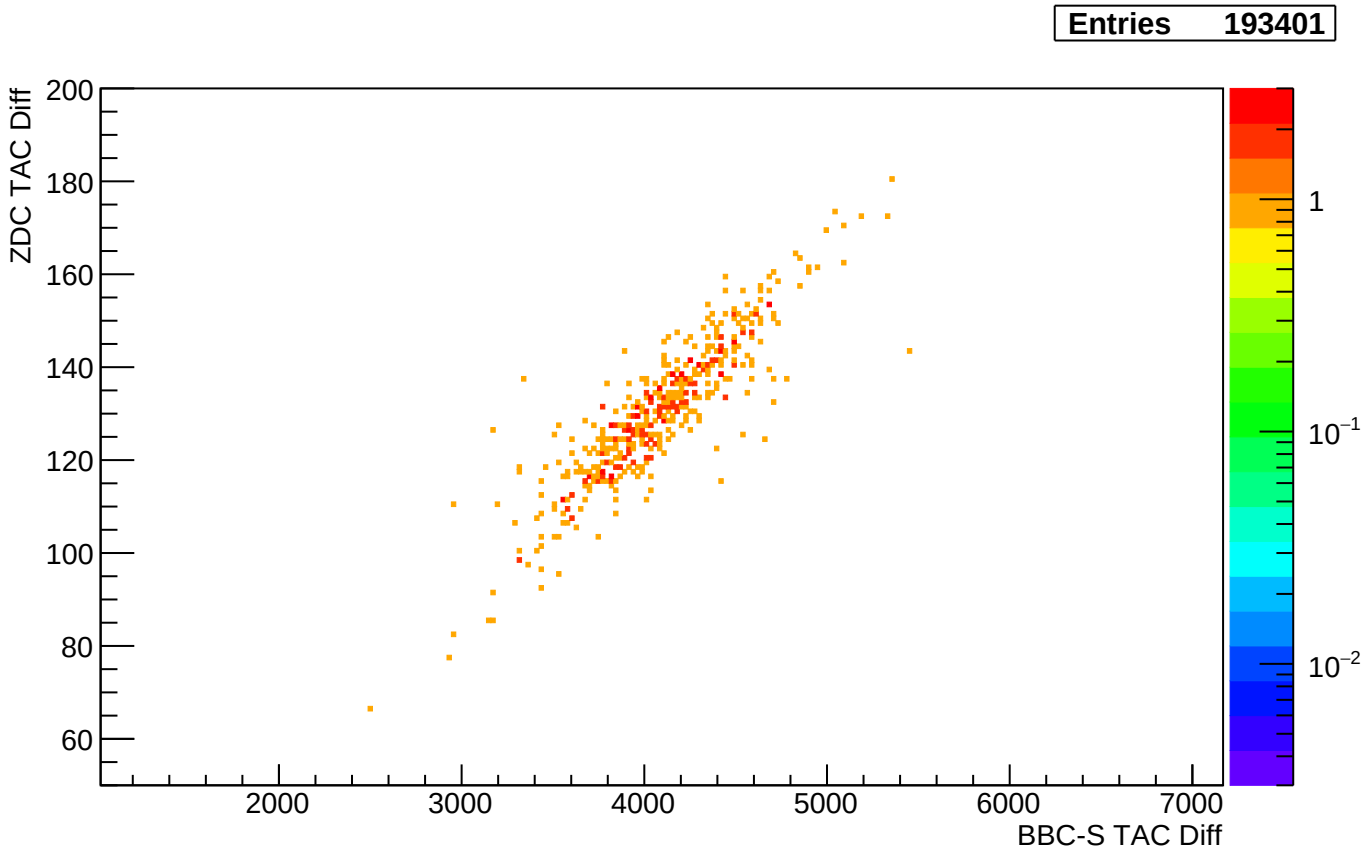

Entries 193401
TOF-Mult
EPD-West Hit Cnt

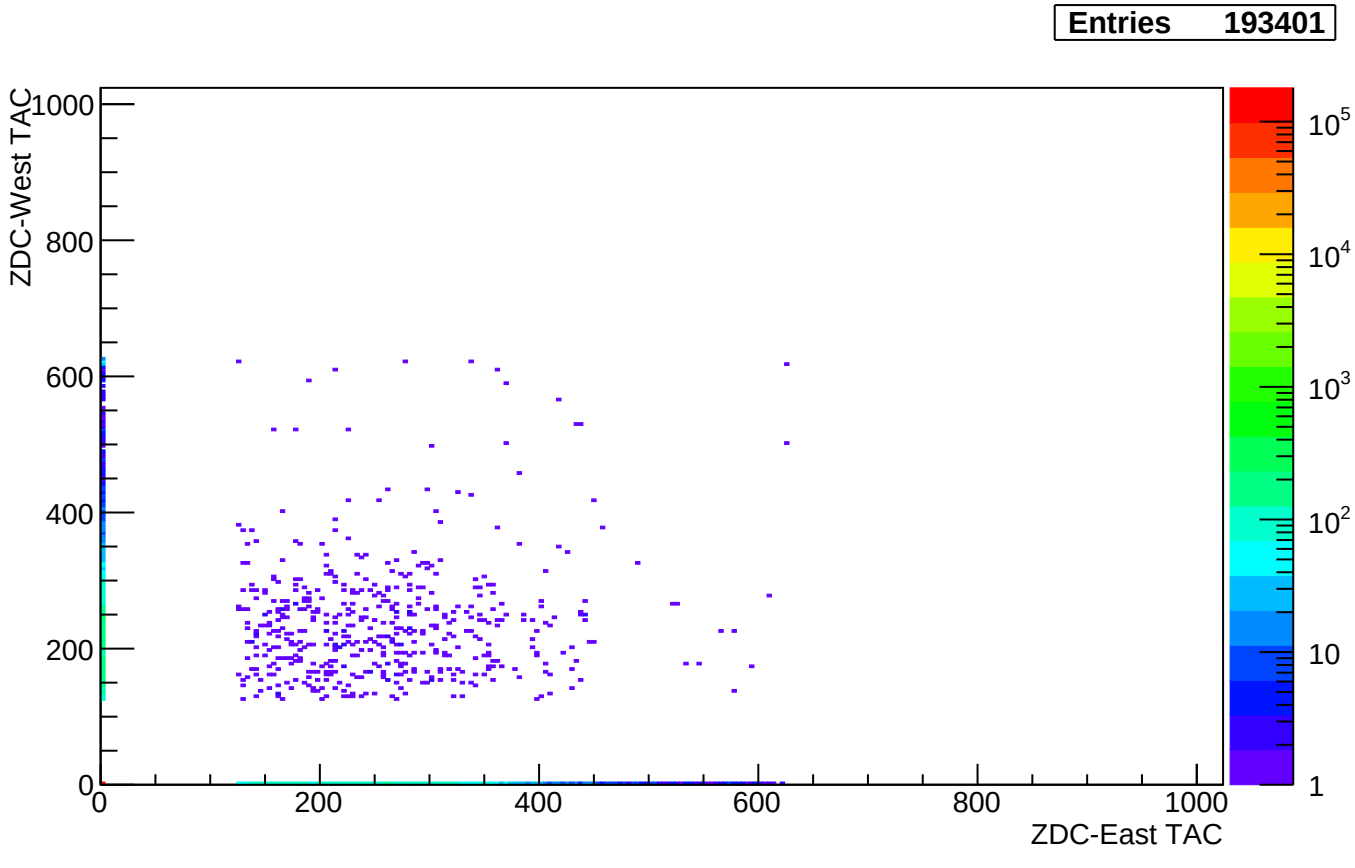

Entries 193401
TOF-Mult
VPD-East ADC Sum

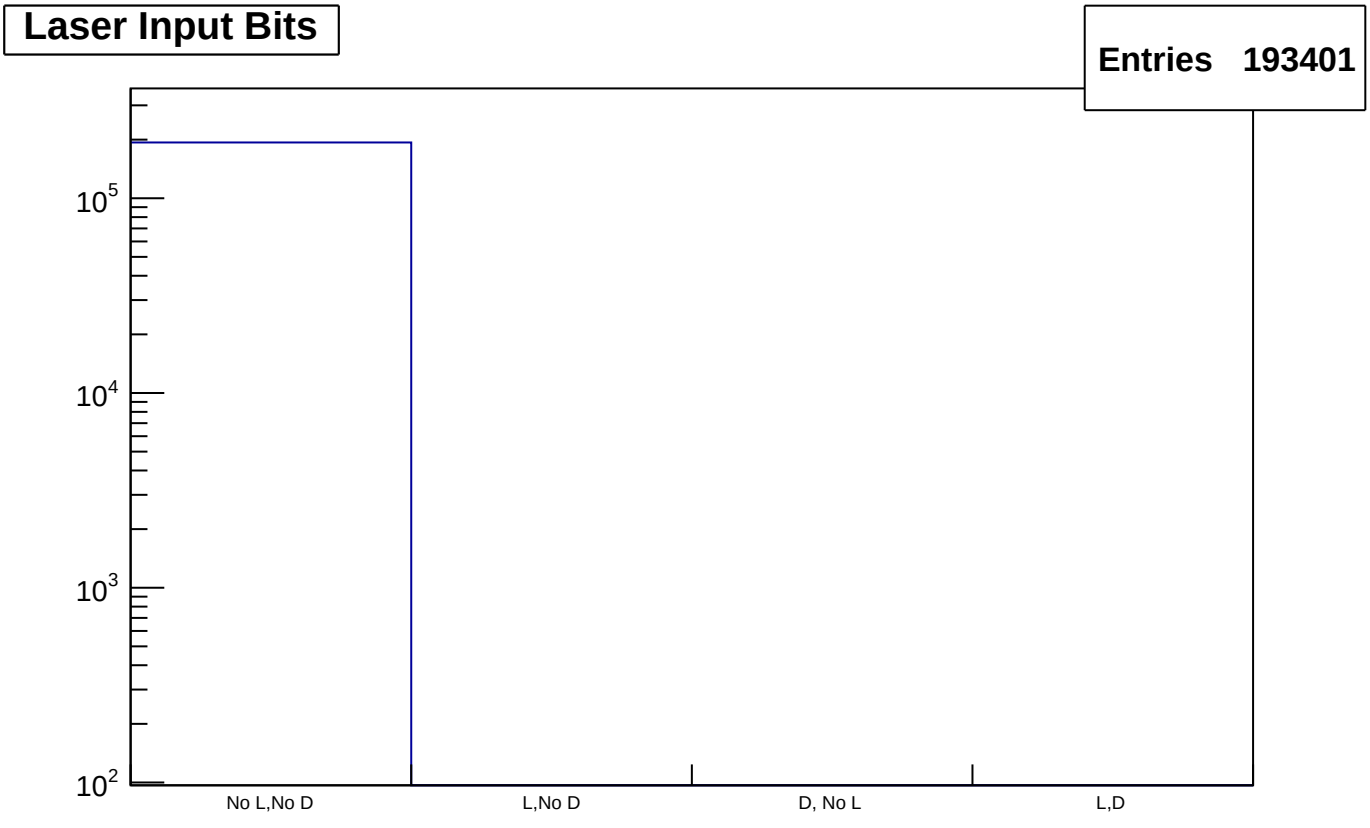

Entries 193401
TOF-Mult
VPD-West ADC Sum

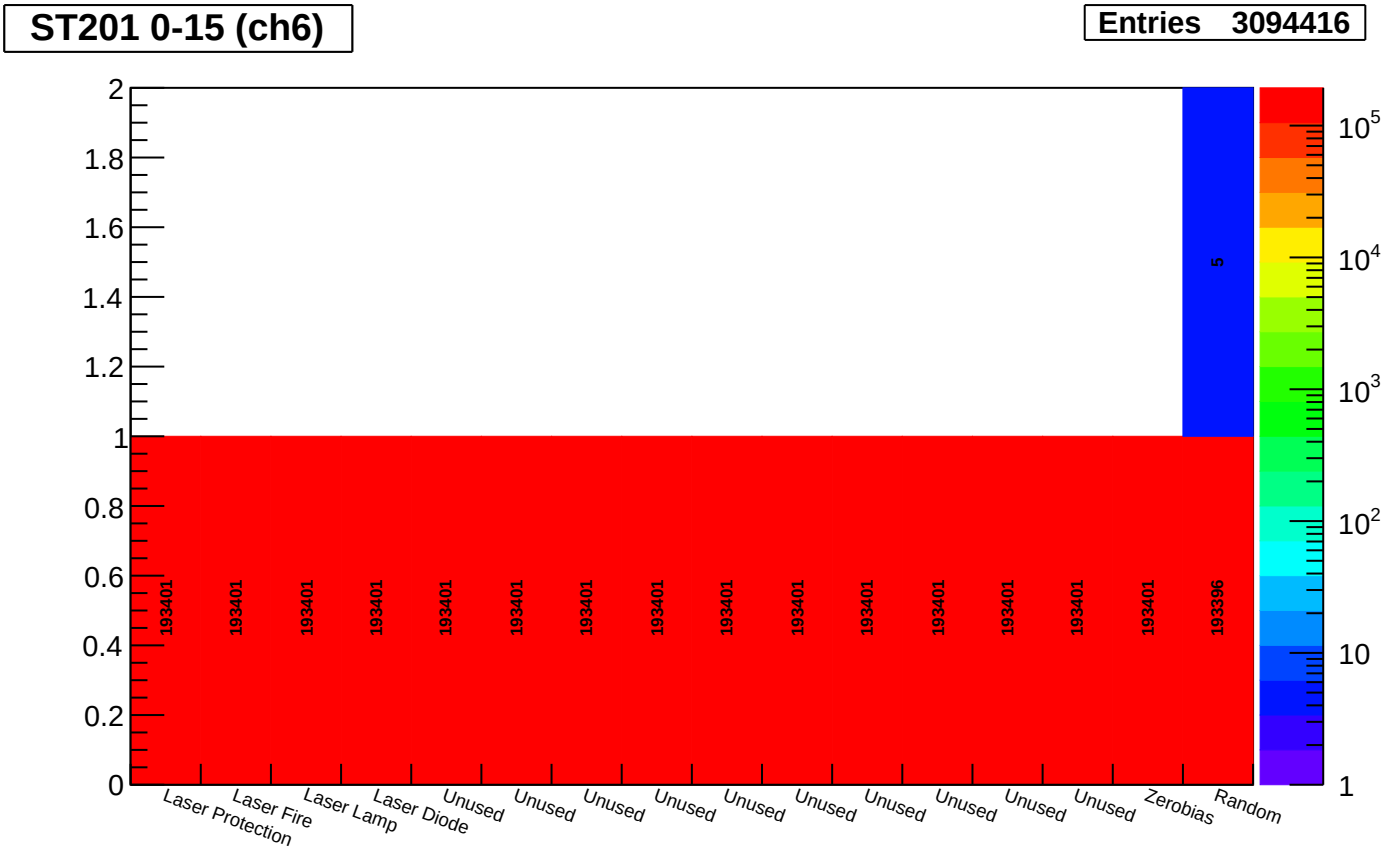

Entries 193401
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

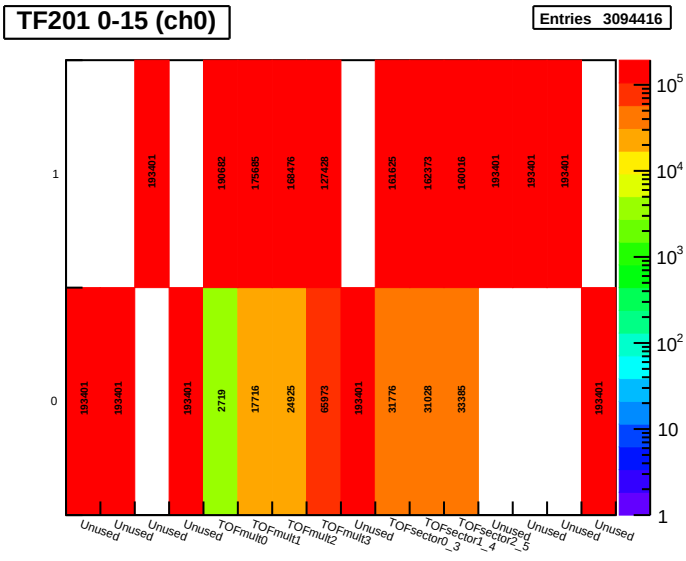

Entries 193401
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

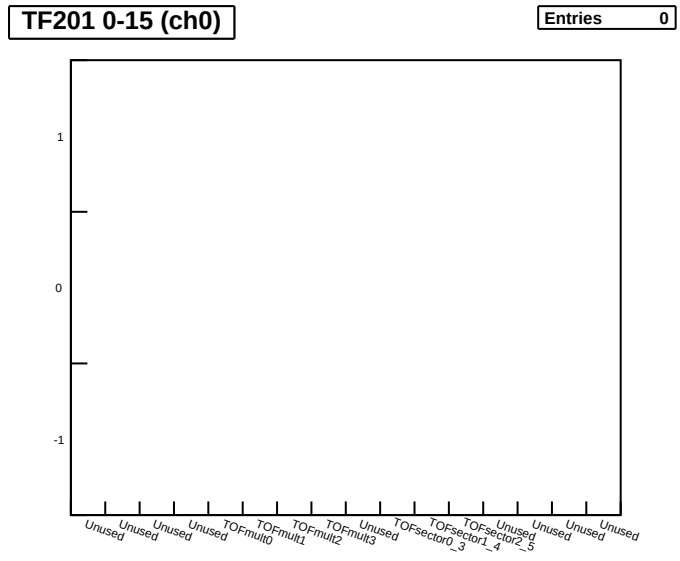

Entries 193401
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

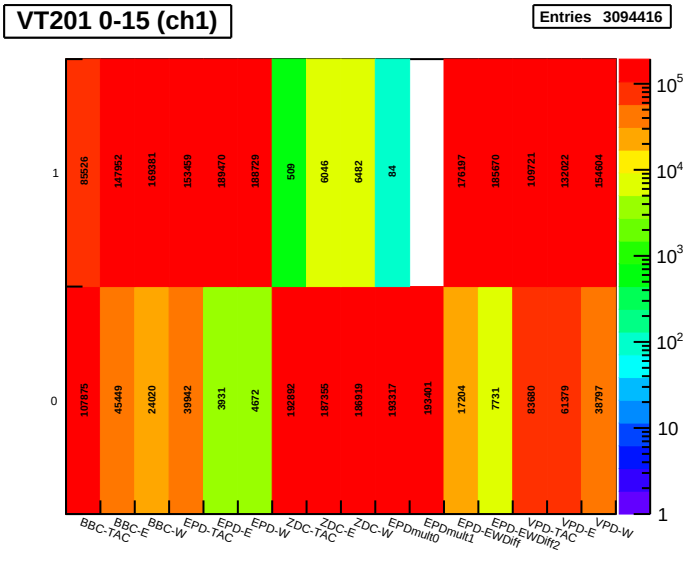

Entries 193401
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

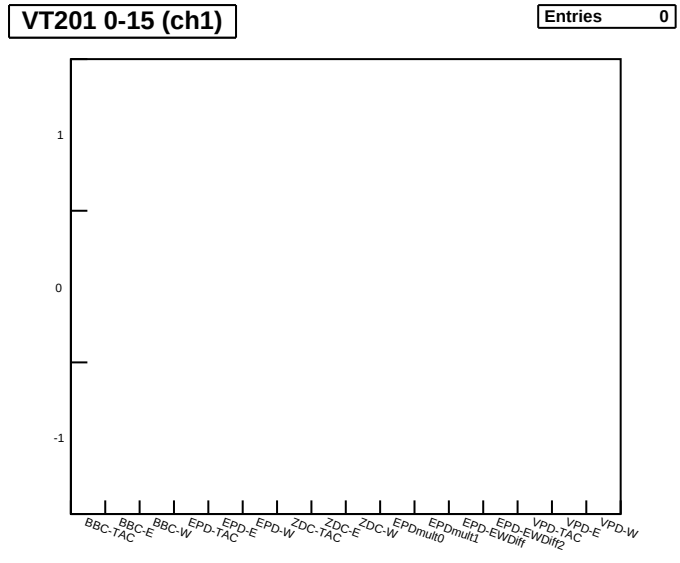

Laser Input Bits
Entries 193401
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

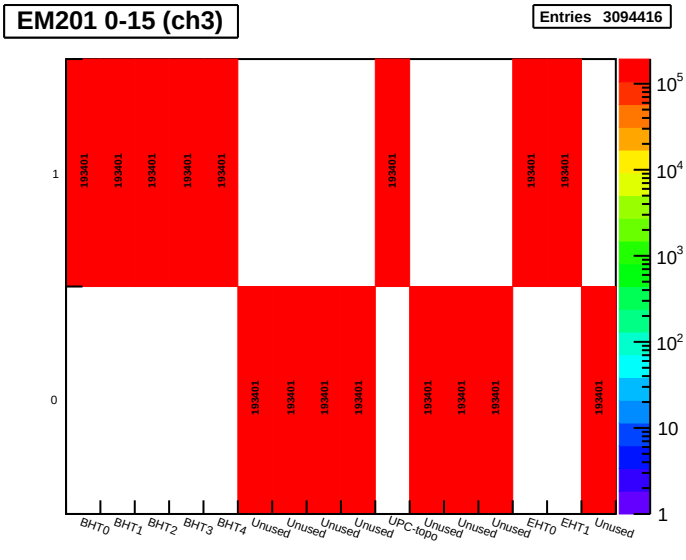

ST201 0-15 (ch6)
Entries 3094416
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
193401
193396
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

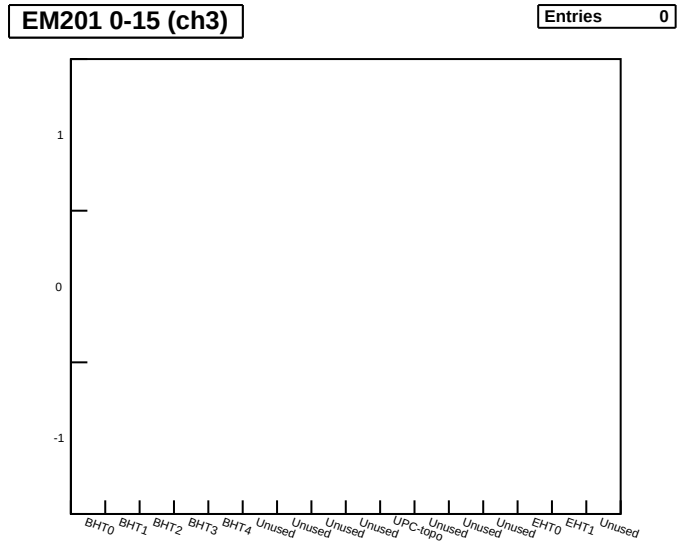

TF201 0-15 (ch0)
Entries 3094416
1
0
193401
190682
175685
168476
127428
161625
162373
160016
193401
193401
193401
193401
193401
193401
193401
2719
17716
24925
65973
193401
31776
31028
33385
193401
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 3094416
1
0
85526
147952
168381
153469
189470
188729
509
6046
6482
84
176197
185670
109721
132022
154604
107875
45449
24020
39942
3931
4672
192892
187355
186919
193317
193401
17204
7731
83680
61379
38797
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 3094416
1
0
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
193401
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