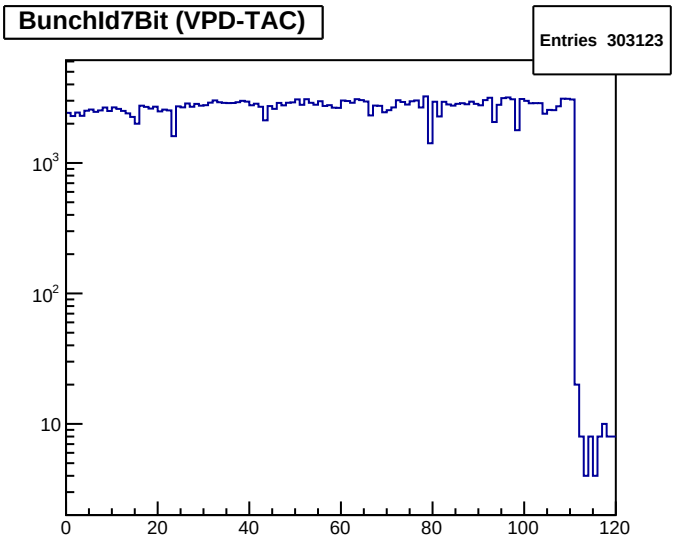
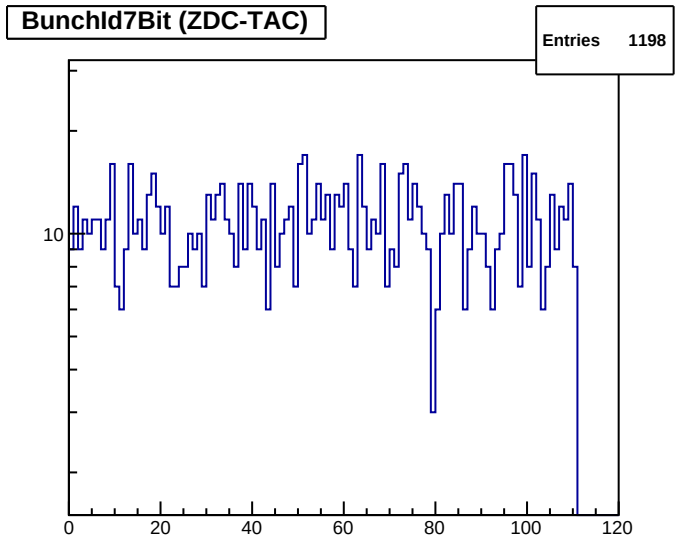
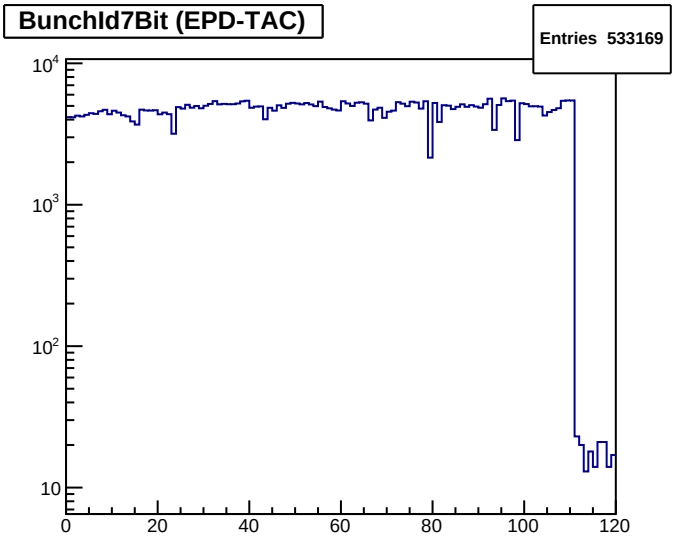
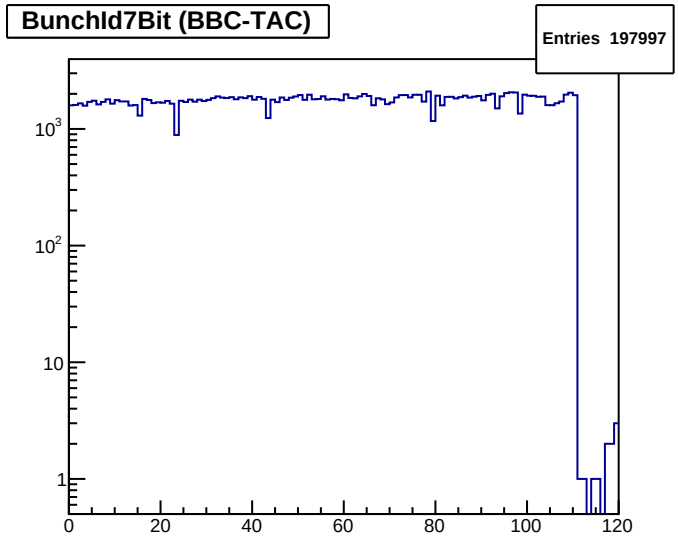
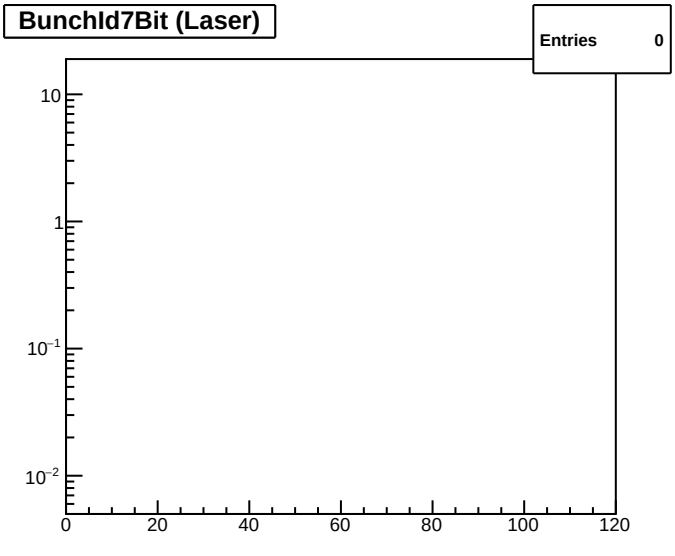
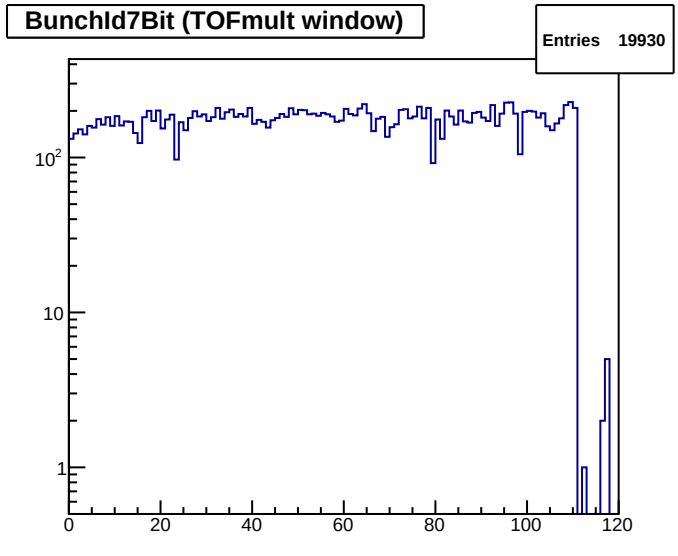

BunchId7Bit (VPD-TAC)
Entries 303123

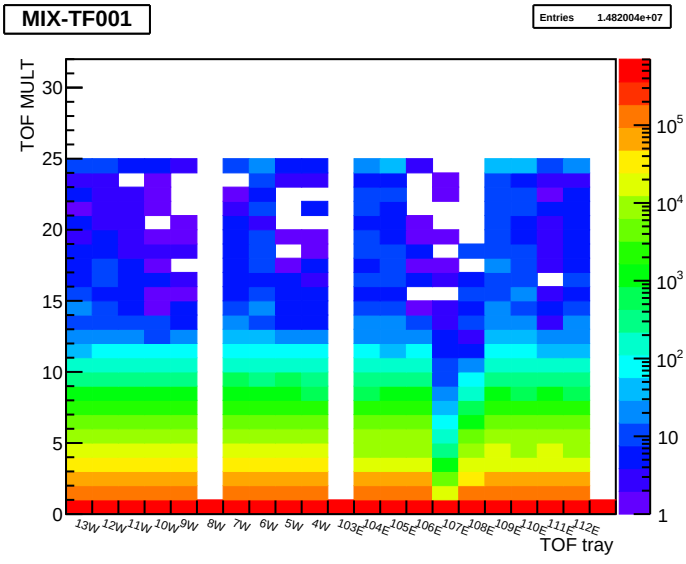

BunchId7Bit (ZDC-TAC)
Entries 1198

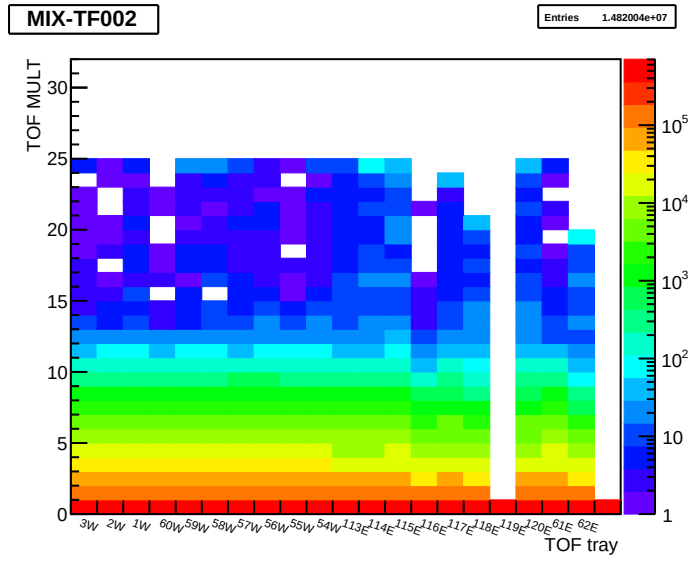

BunchId7Bit (EPD-TAC)
Entries 533169

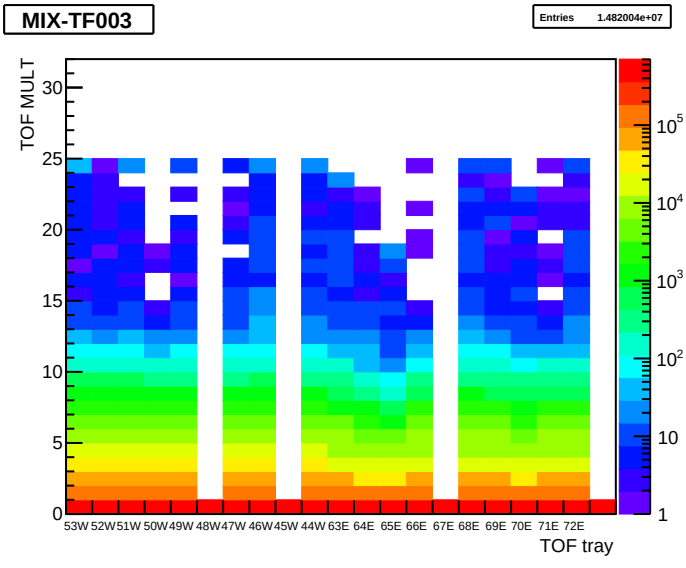

BunchId7Bit (BBC-TAC)
Entries 197997

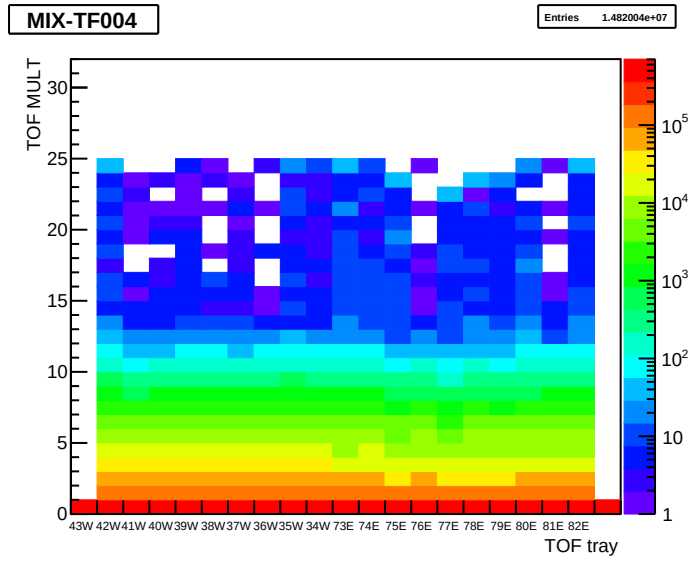

BunchId7Bit (Laser)
Entries 0

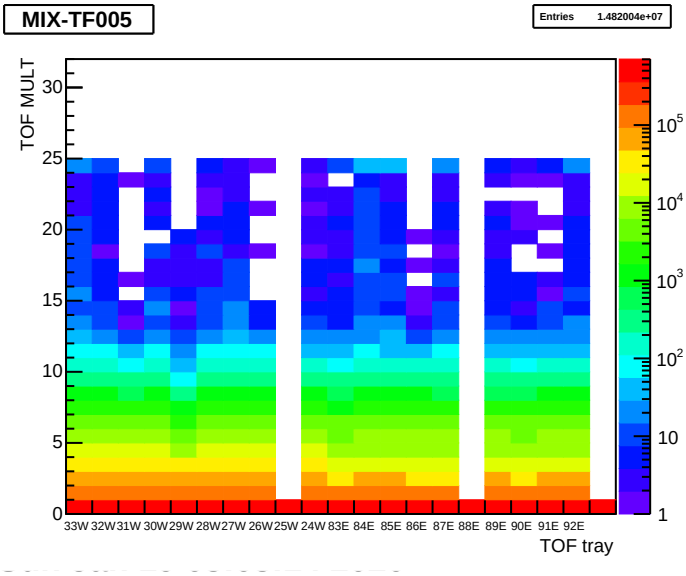

BunchId7Bit (TOFmult window)
Entries 19930

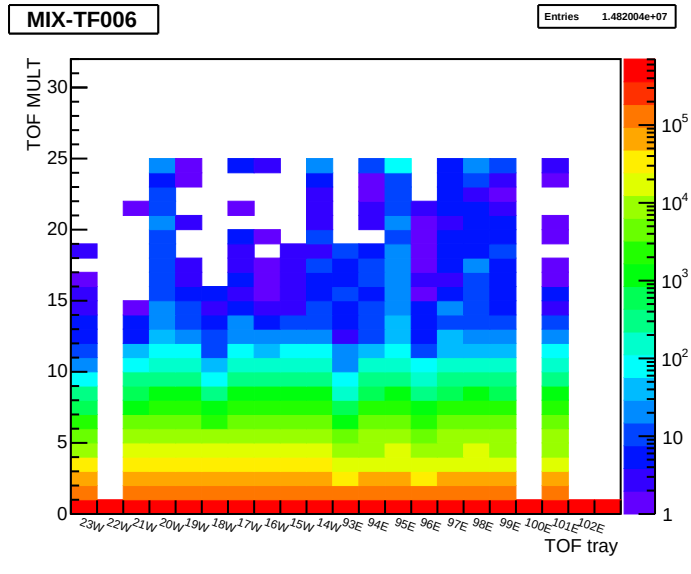

MIX-TF001
Entries 1.482004e+07
TOF MULT
TOF tray

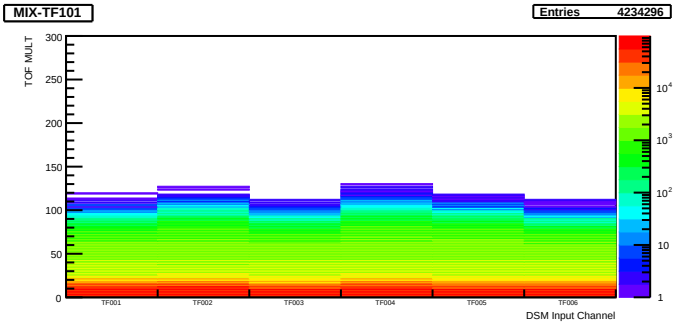

MIX-TF002
Entries 1.482004e+07
TOF MULT
TOF tray

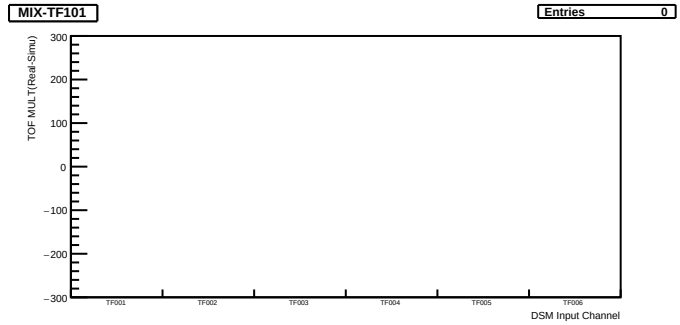

MIX-TF003
Entries 1.482004e+07
TOF MULT
TOF tray

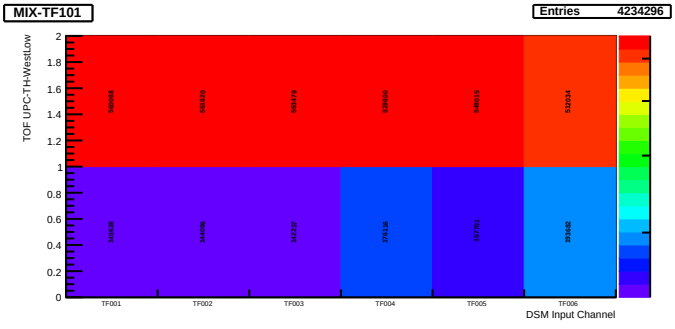

MIX-TF004
Entries 1.482004e+07
TOF MULT
TOF tray

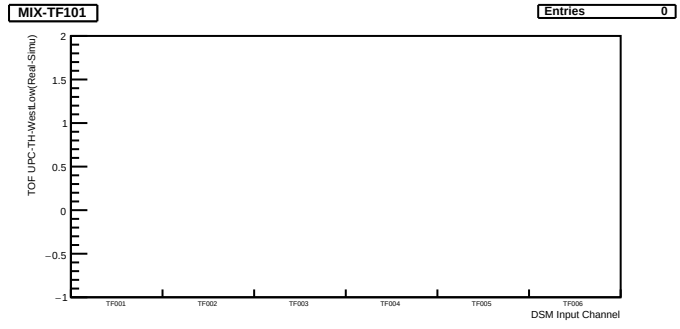

MIX-TF005
Entries 1.482004e+07
TOF MULT
TOF tray

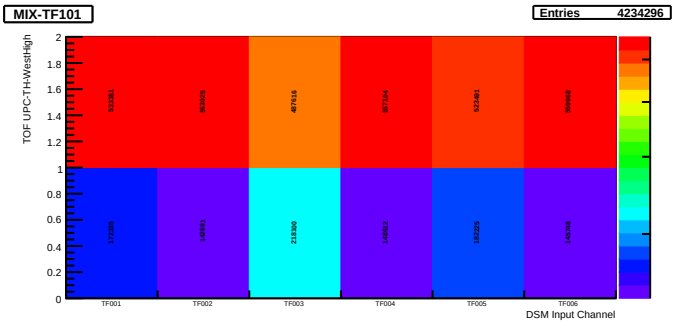

MIX-TF006
Entries 1.482004e+07
TOF MULT
TOF tray

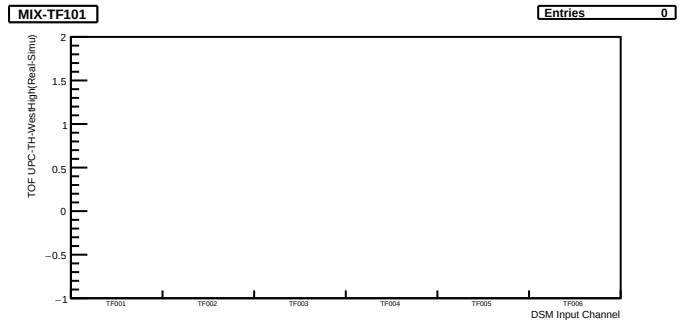

MIX-TF101
Entries 4234296
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

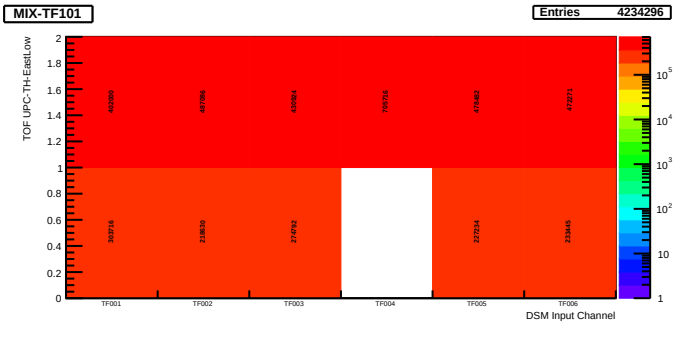

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

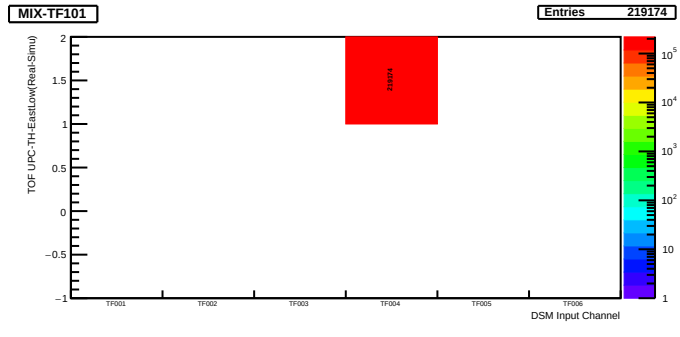

MIX-TF101
Entries 4234296
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

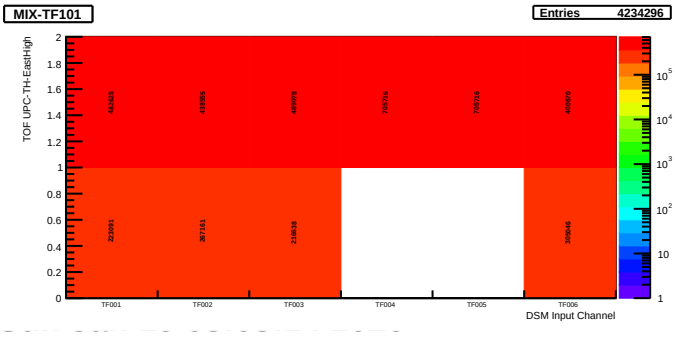

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

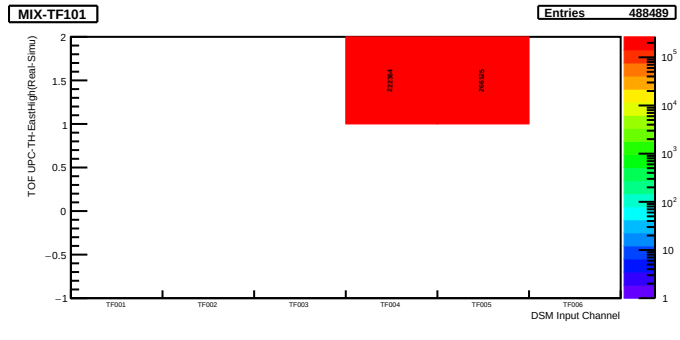

MIX-TF101
Entries 4234296
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

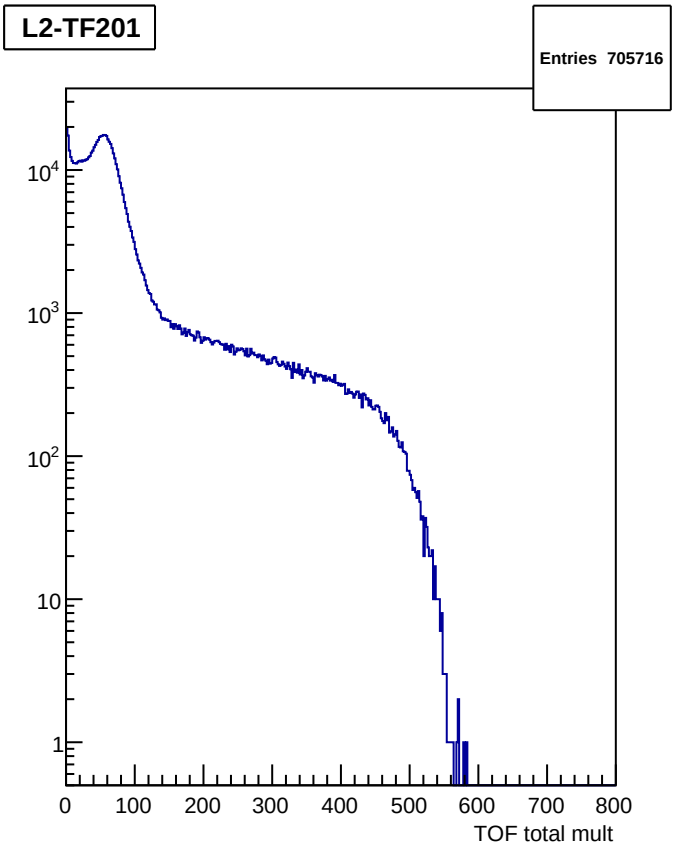

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

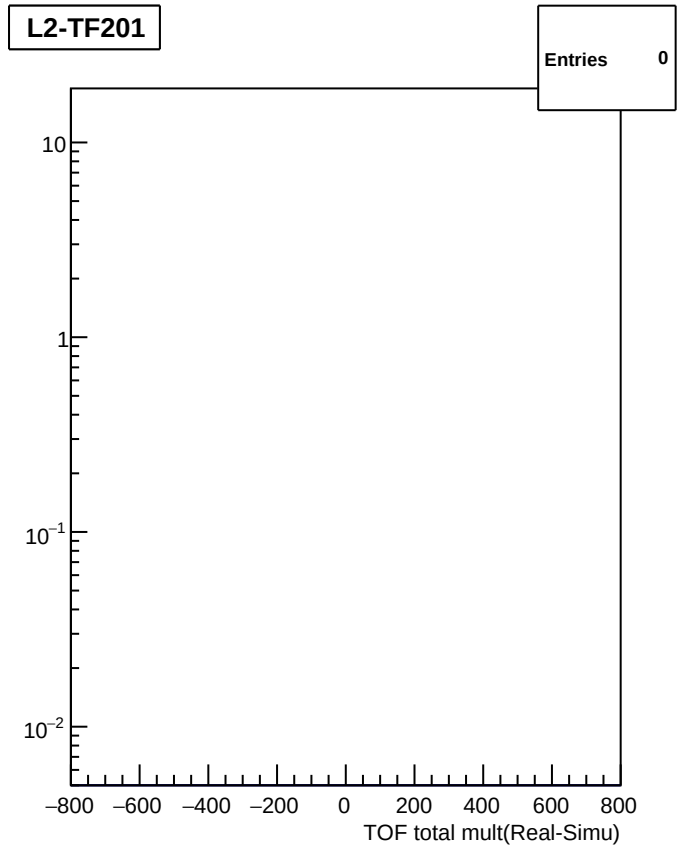

MIX-TF101
Entries 4234296
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

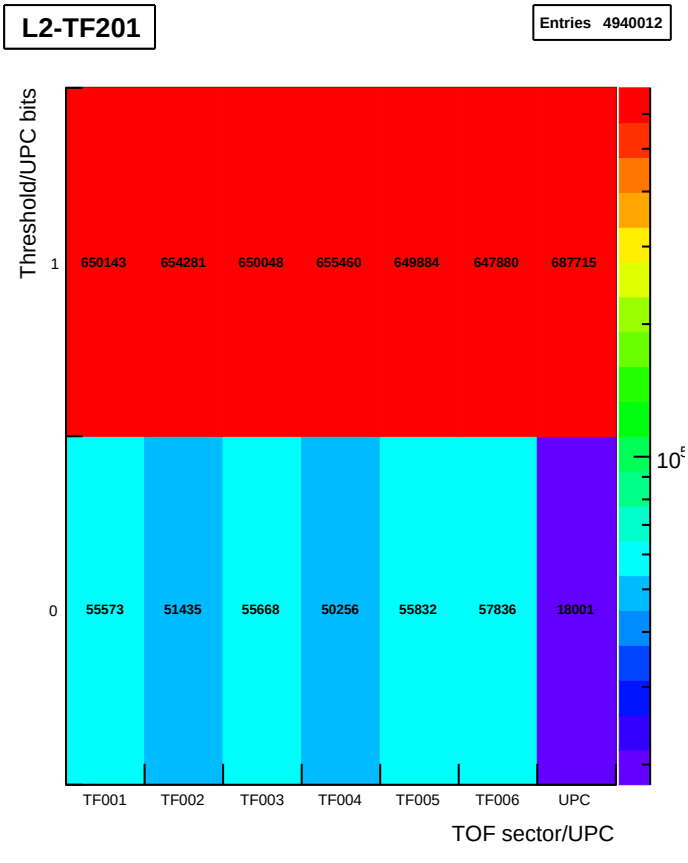

MIX-TF101
Entries 219174
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

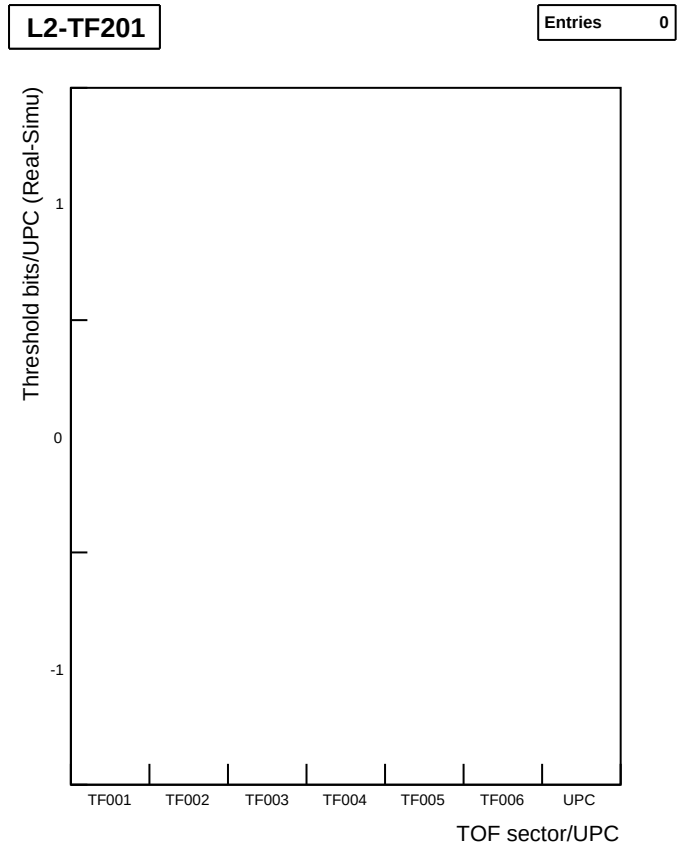

MIX-TF101
Entries 4234296
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

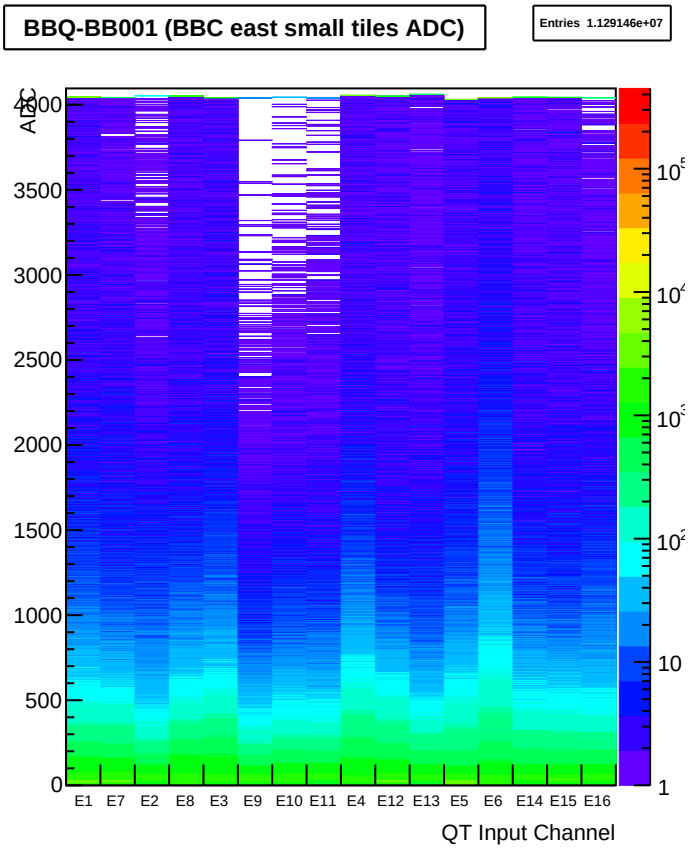

MIX-TF101
Entries 488489
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

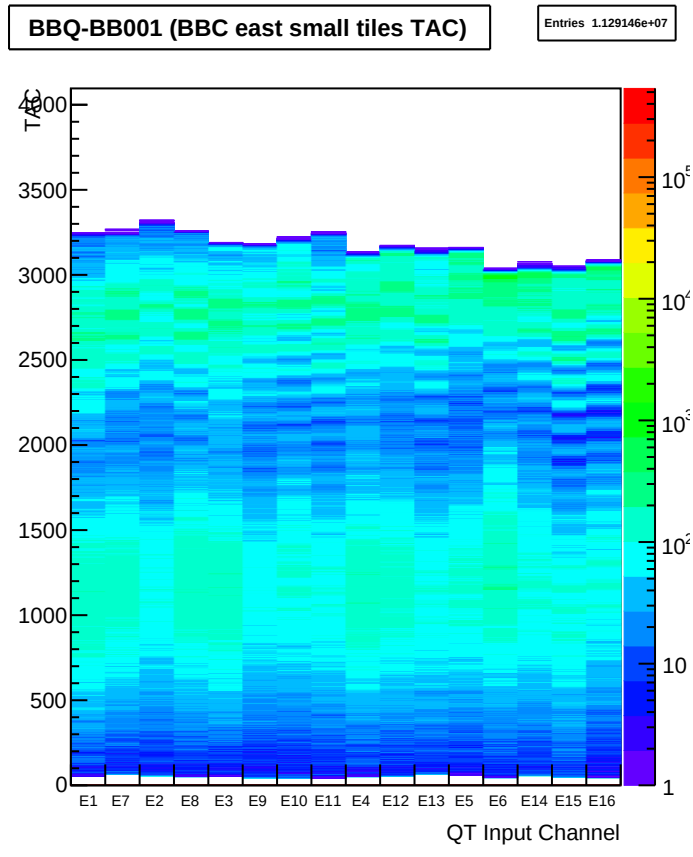

L2-TF201
Entries 705716
TOF total mult

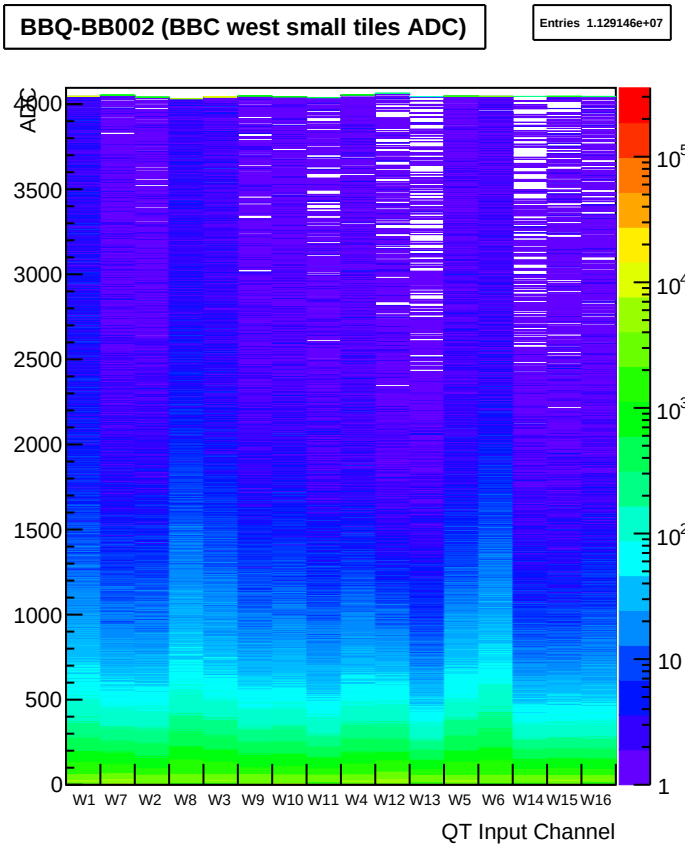

L2-TF201
Entries 0
TOF total mult(Real-Simu)

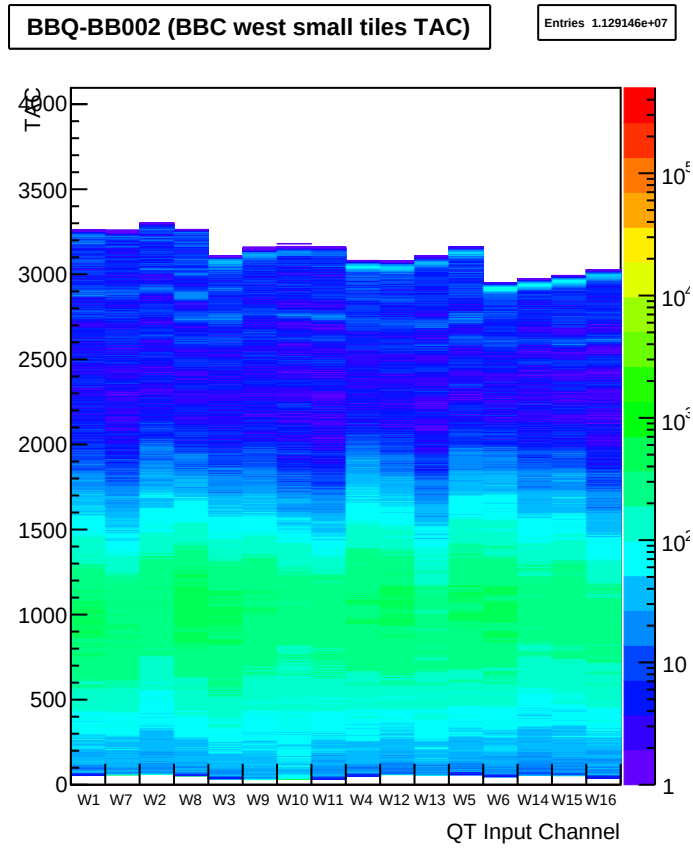

L2-TF201
Entries 4940012
Threshold/UPC bits
650143
654281
650048
655460
649884
647880
687715
55573
51435
55668
50256
55832
57836
18001
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

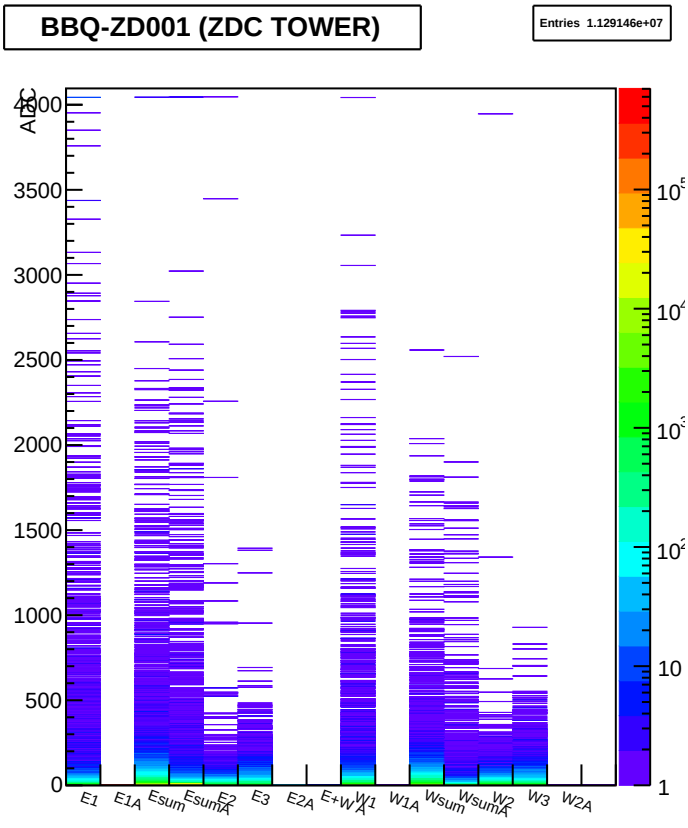

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

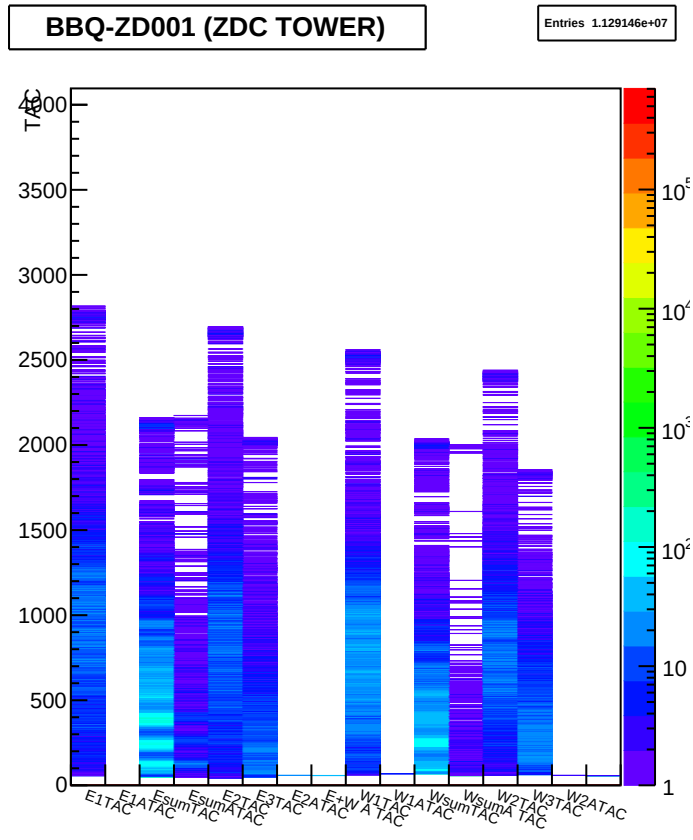

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.129146e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

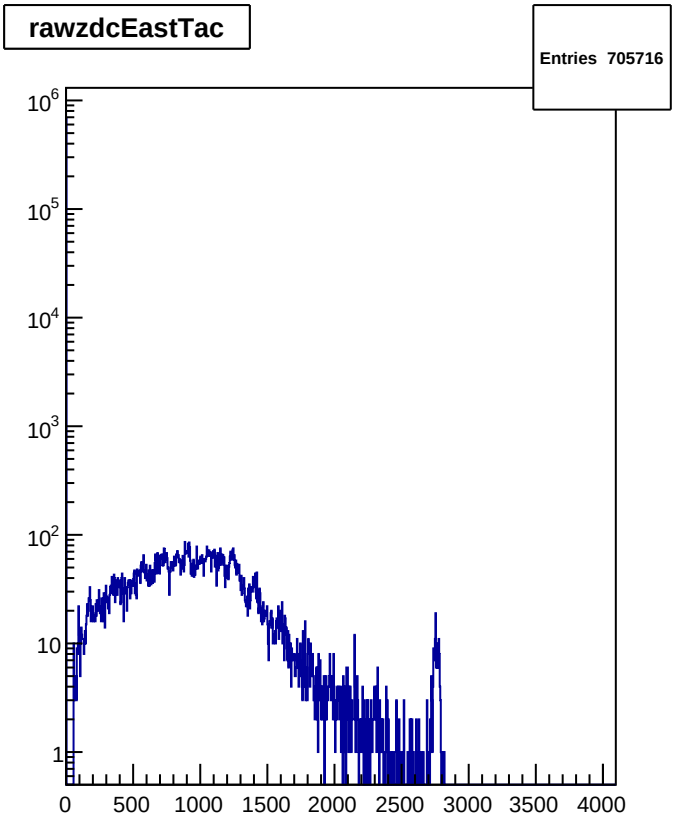

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.129146e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

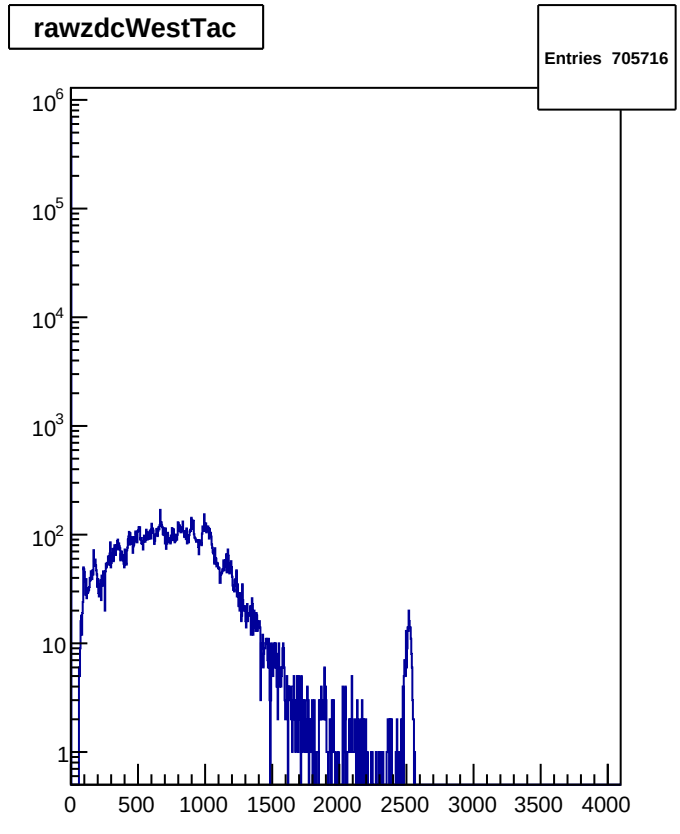

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.129146e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

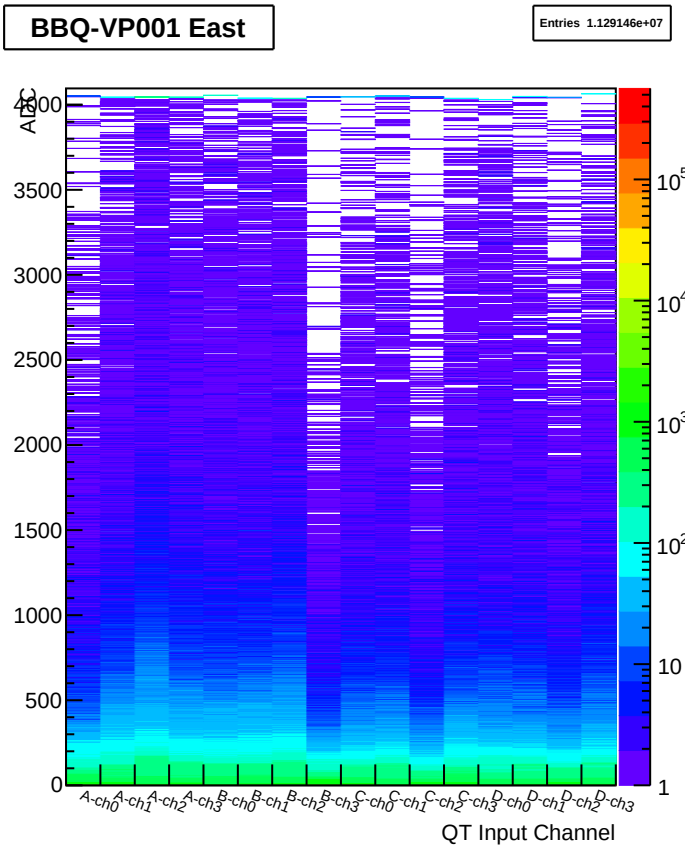

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.129146e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

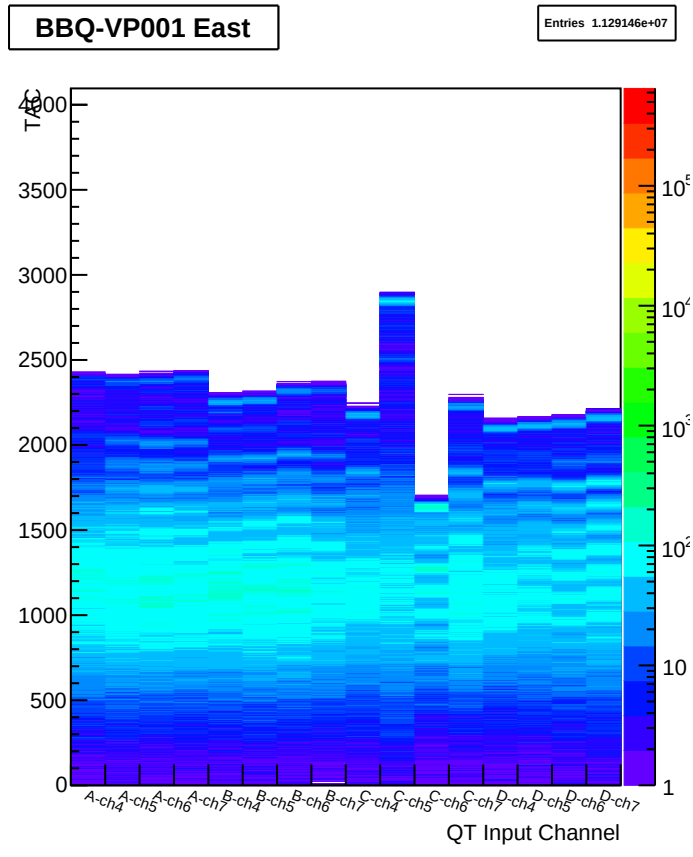

BBQ-ZD001 (ZDC TOWER)
Entries 1.129146e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

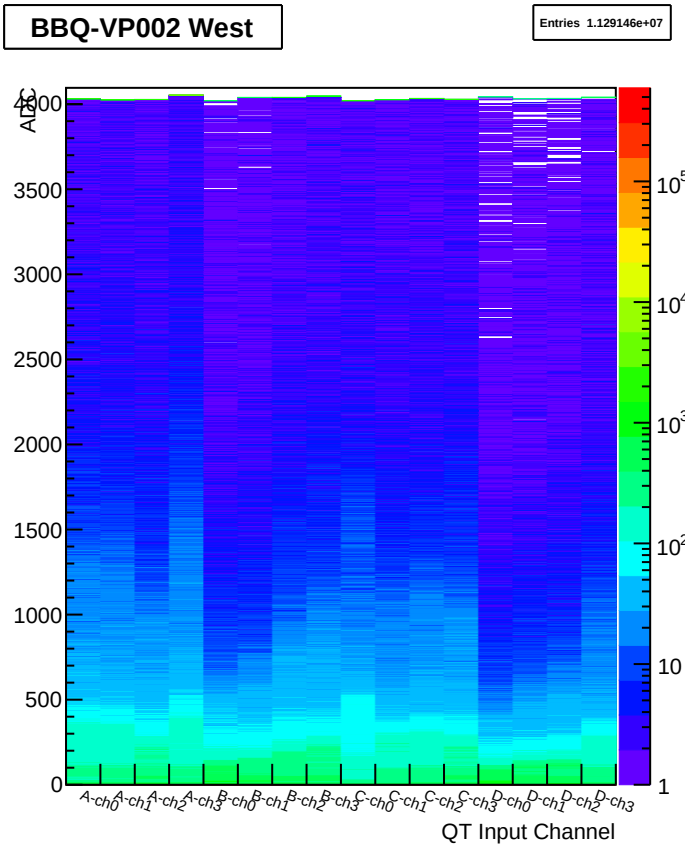

BBQ-ZD001 (ZDC TOWER)
Entries 1.129146e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

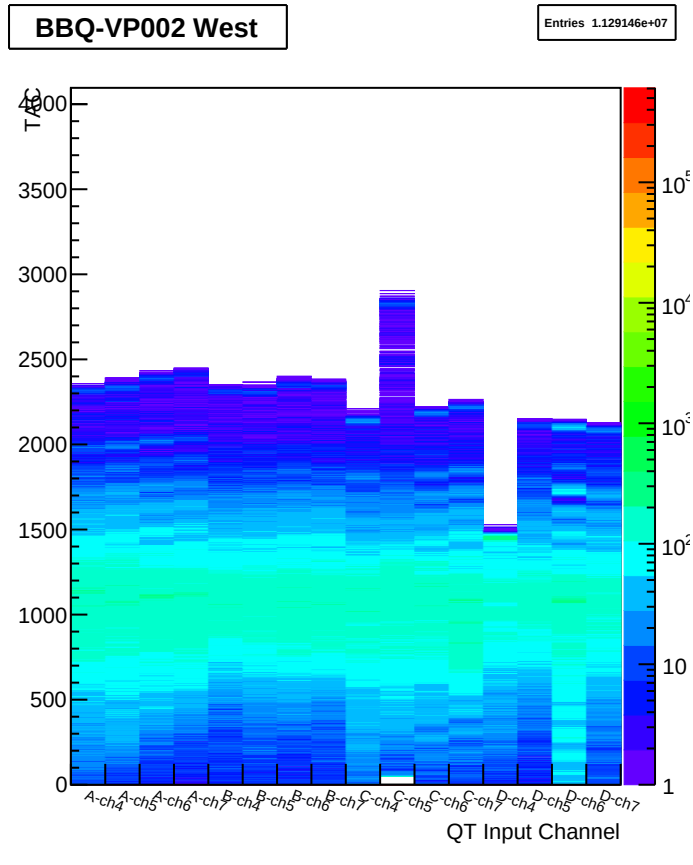

rawzdcEastTac
Entries 705716

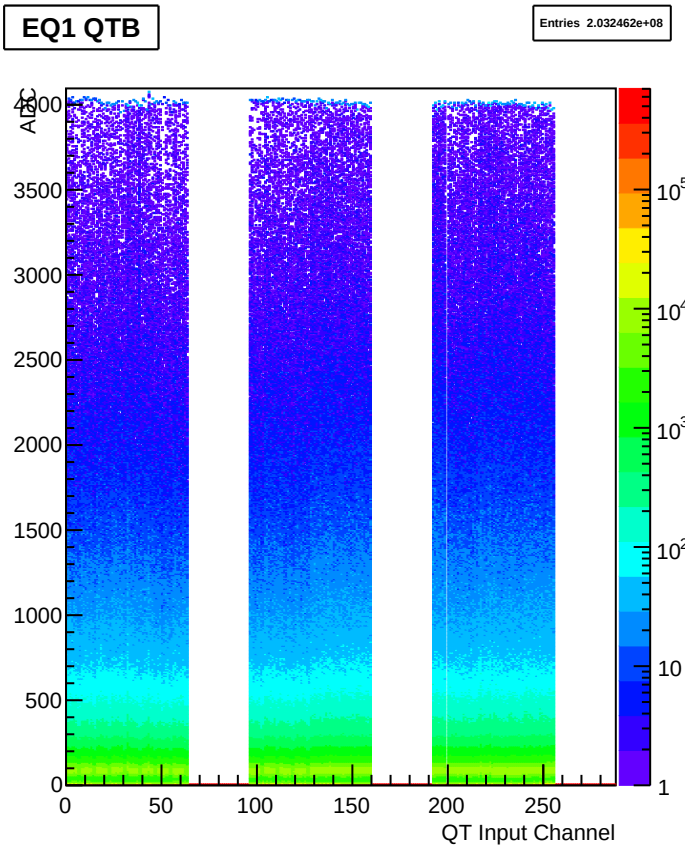

rawzdcWestTac
Entries 705716

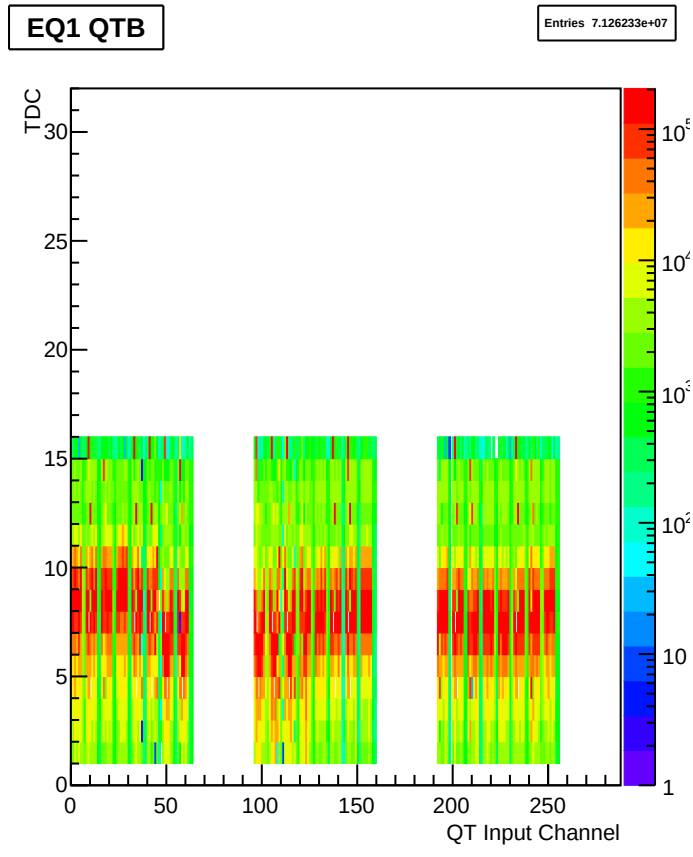

BBQ-VP001 East
Entries 1.129146e+07
ADC
QT Input Channel

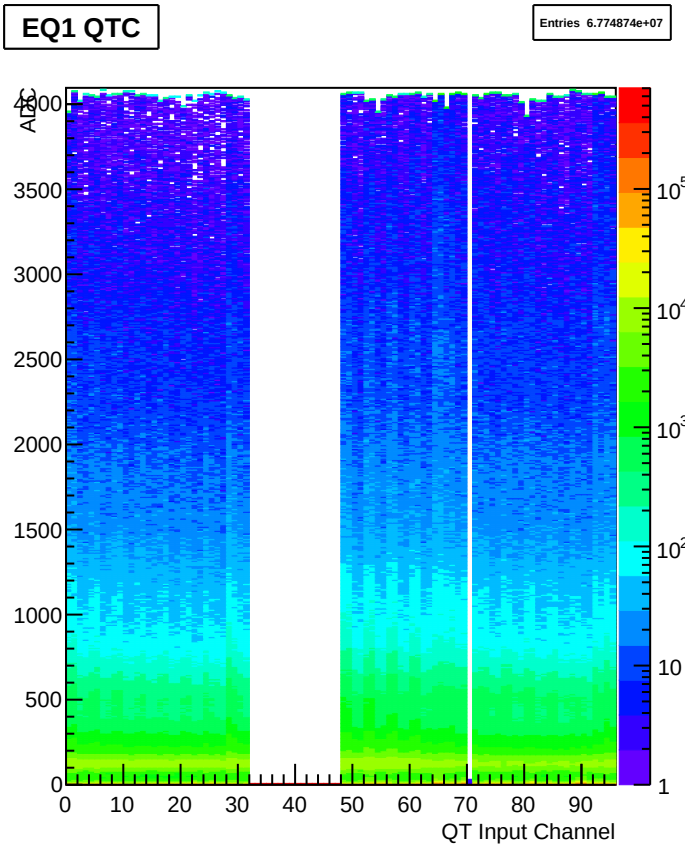

BBQ-VP001 East
Entries 1.129146e+07
TADC
QT Input Channel

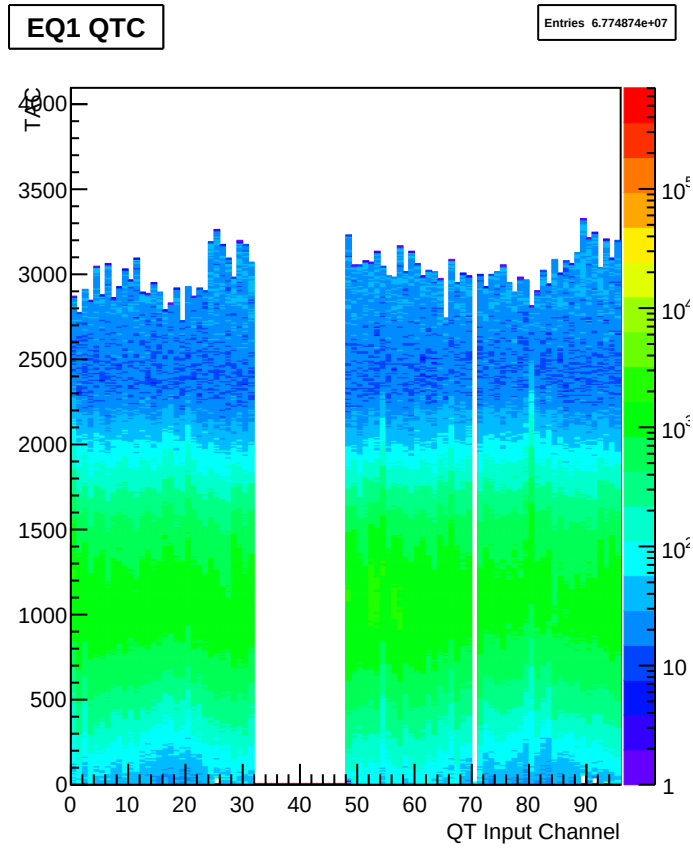

BBQ-VP002 West
Entries 1.129146e+07
ADC
QT Input Channel

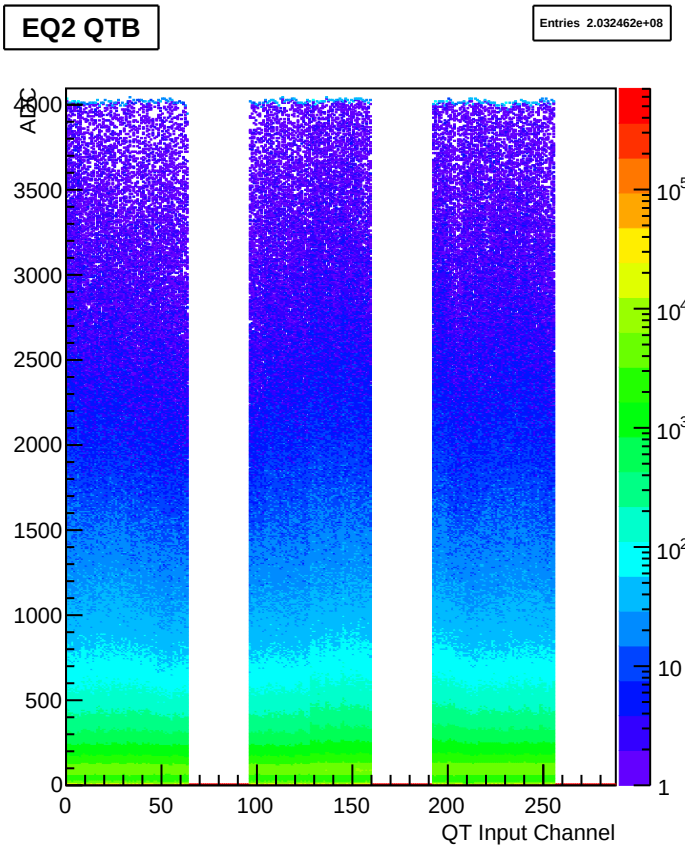

BBQ-VP002 West
Entries 1.129146e+07
TADC
QT Input Channel

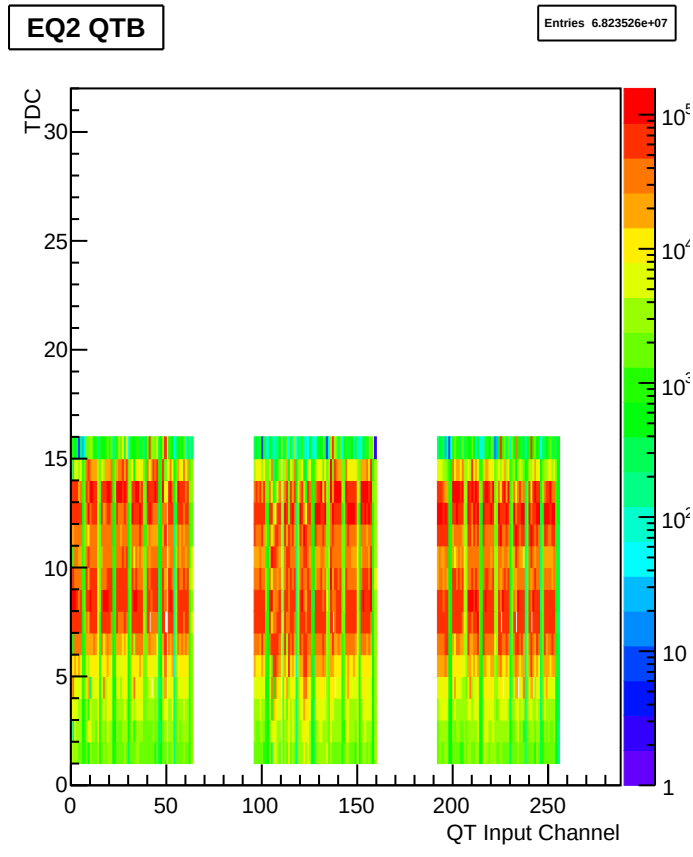

EQ1 QTB
Entries 2.032462e+08
ADC
QT Input Channel

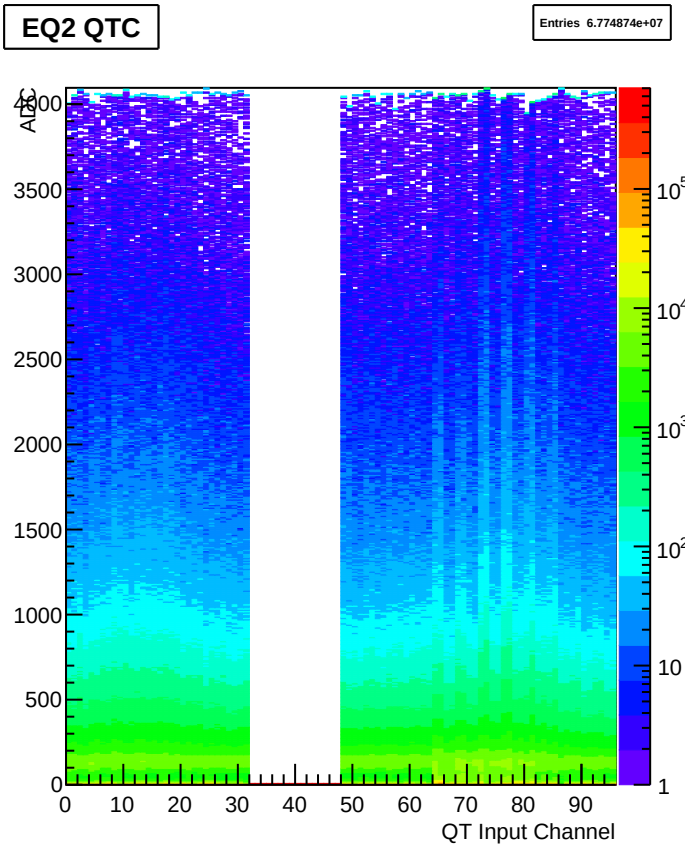

EQ1 QTB
Entries 7.126233e+07
TDC
QT Input Channel

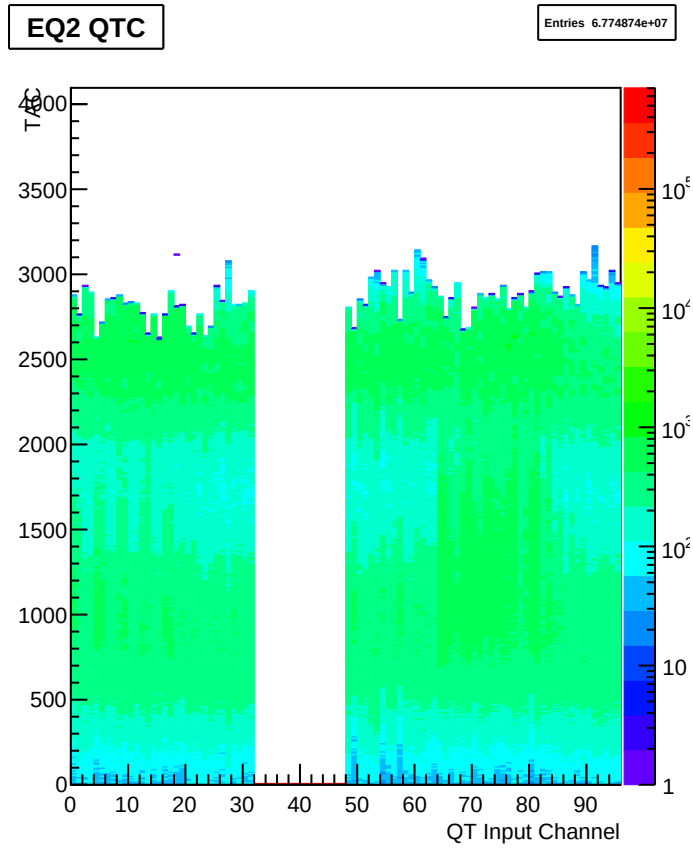

EQ1 QTC
Entries 6.774874e+07
ADC
QT Input Channel

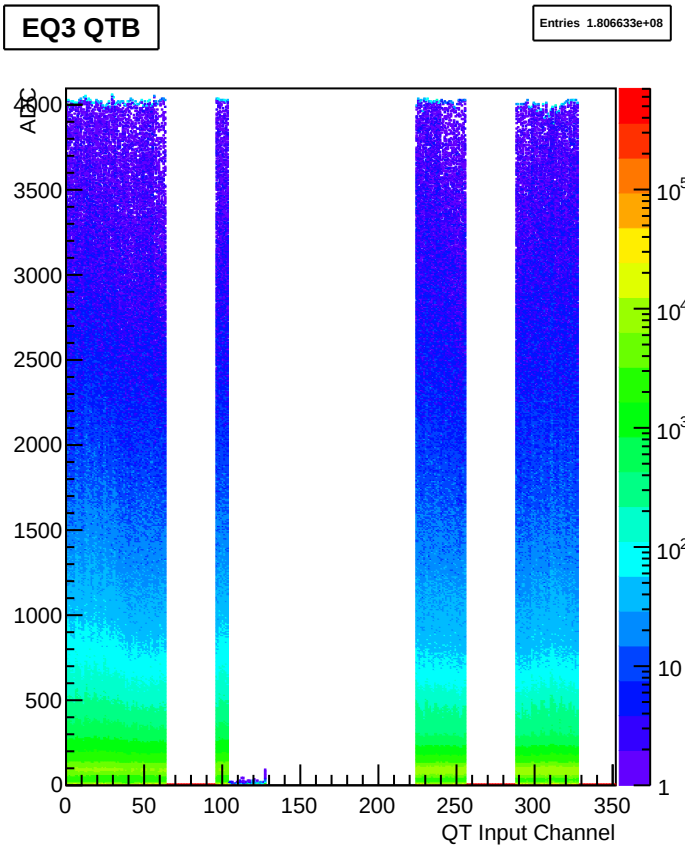

EQ1 QTC
Entries 6.774874e+07
TADC
QT Input Channel

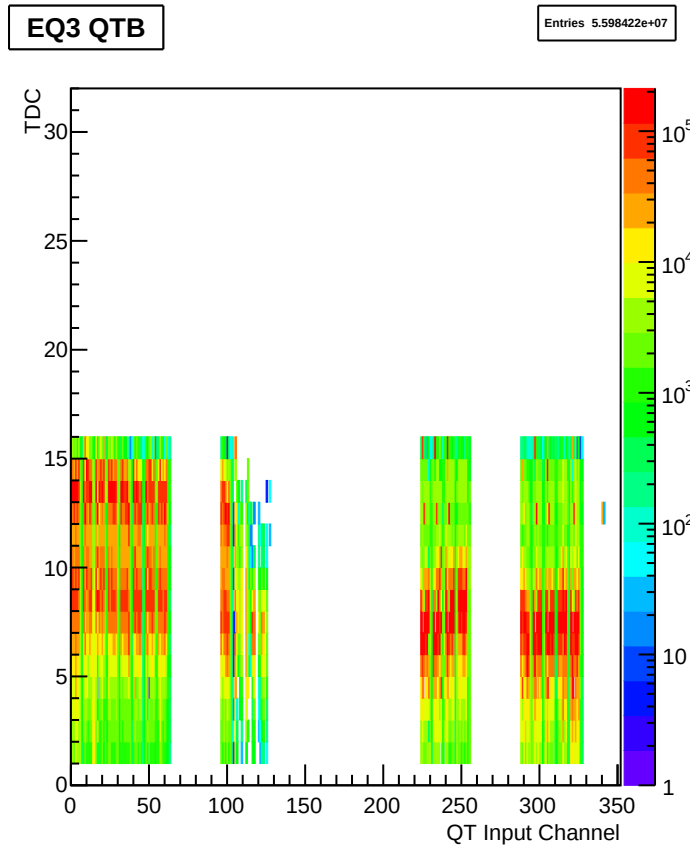

EQ2 QTB
Entries 2.032462e+08
ADC
QT Input Channel

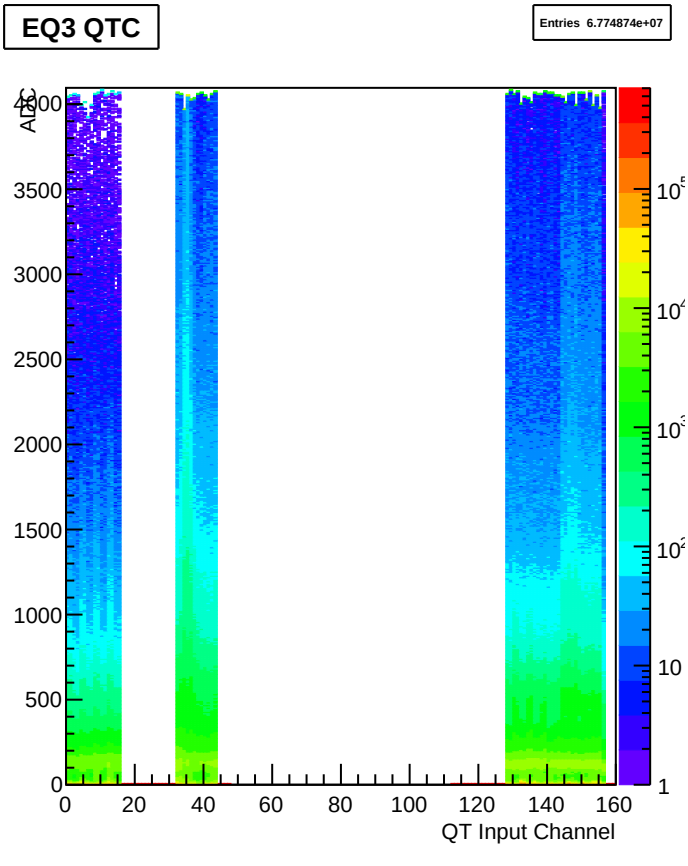

EQ2 QTB
Entries 6.823526e+07
TDC
QT Input Channel

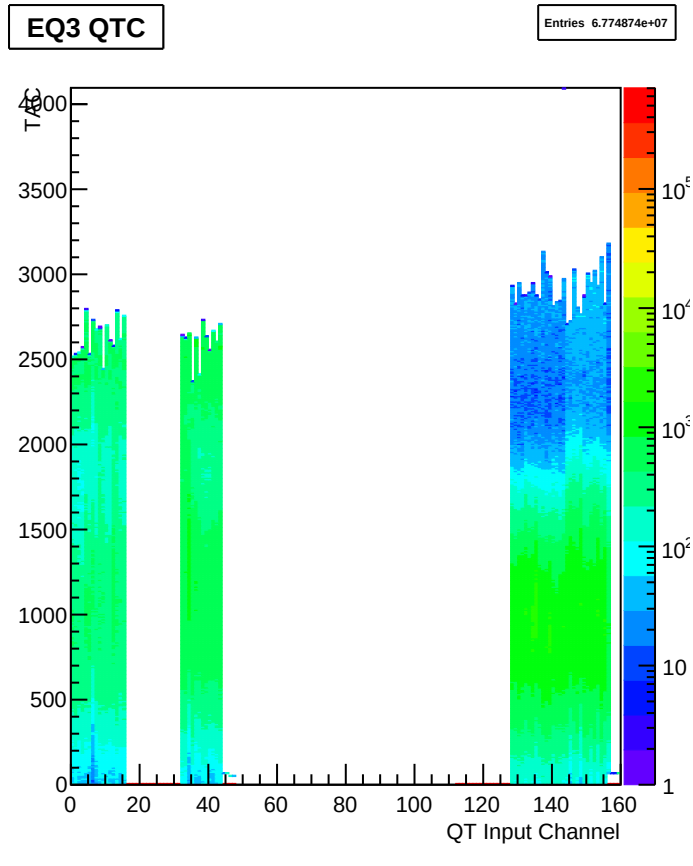

EQ2 QTC
Entries 6.774874e+07
ADC
QT Input Channel

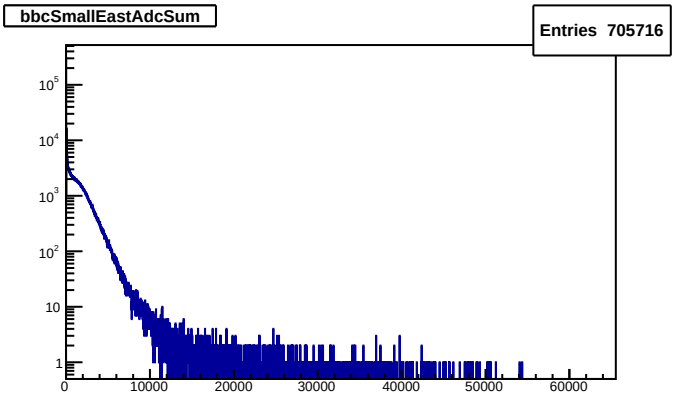

EQ2 QTC
Entries 6.774874e+07
TADC
QT Input Channel

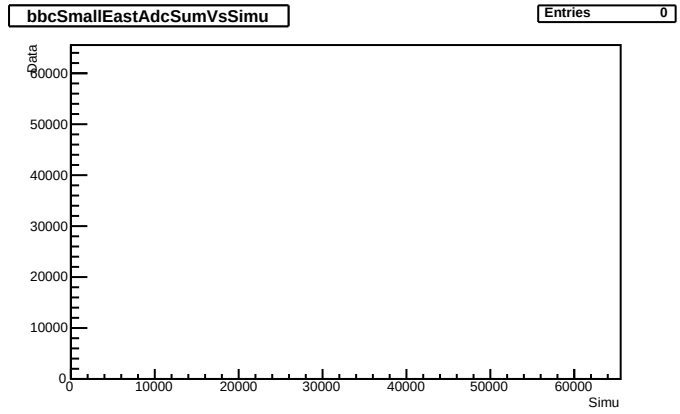

EQ3 QTB
Entries 1.806633e+08
ADC
QT Input Channel

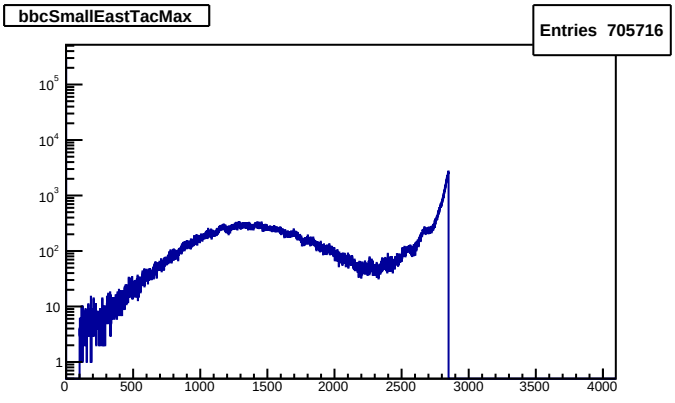

EQ3 QTB
Entries 5.598422e+07
TDC
QT Input Channel

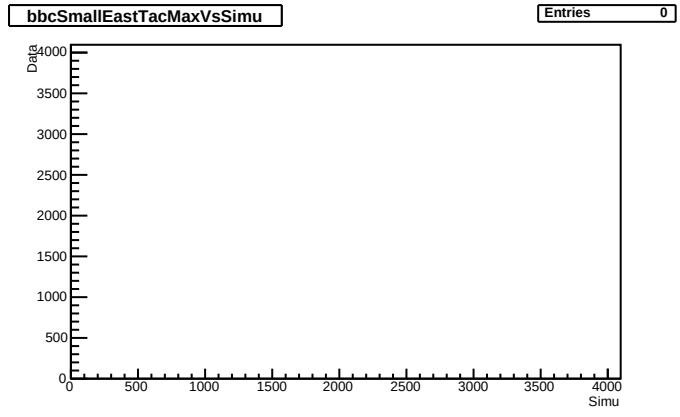

EQ3 QTC
Entries 6.774874e+07
ADC
QT Input Channel

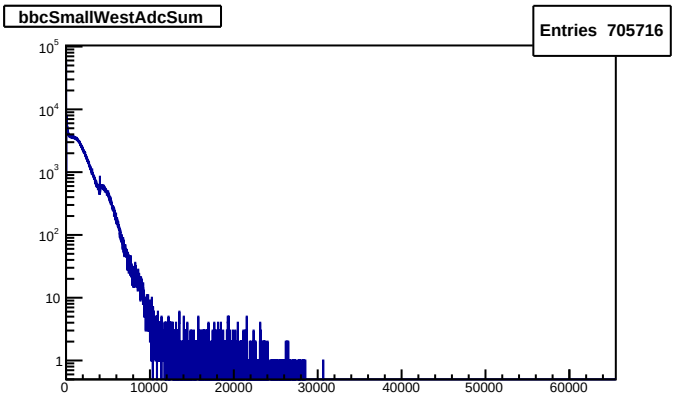

EQ3 QTC
Entries 6.774874e+07
TADC
QT Input Channel

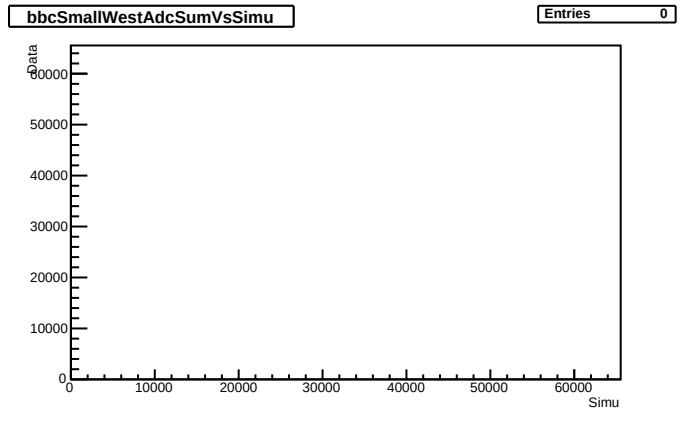

bbcSmallEastAdcSum
Entries 705716

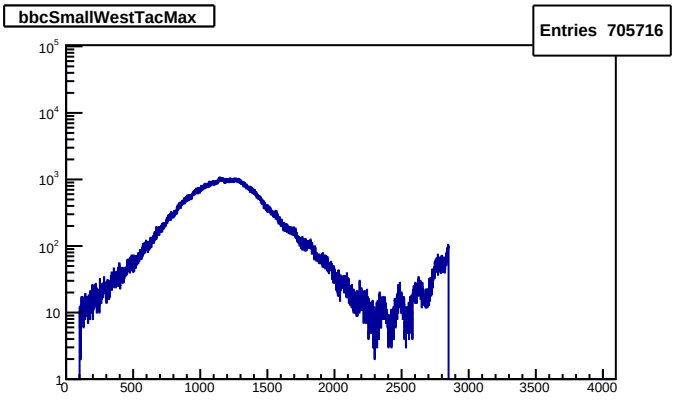

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

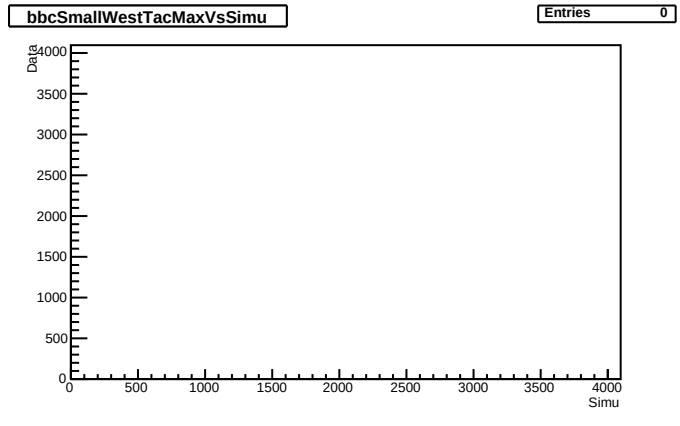

bbcSmallEastTacMax
Entries 705716

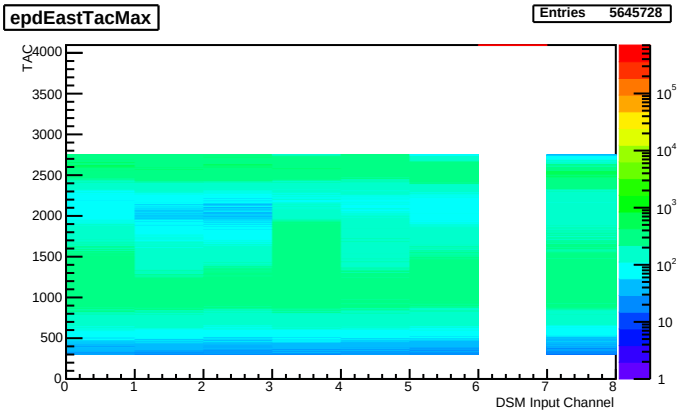

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

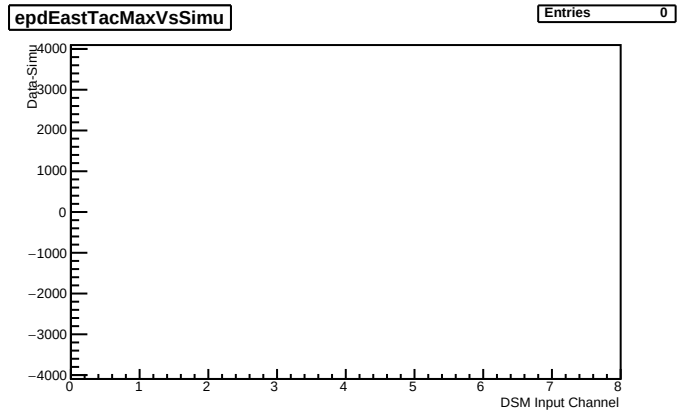

bbcSmallWestAdcSum
Entries 705716

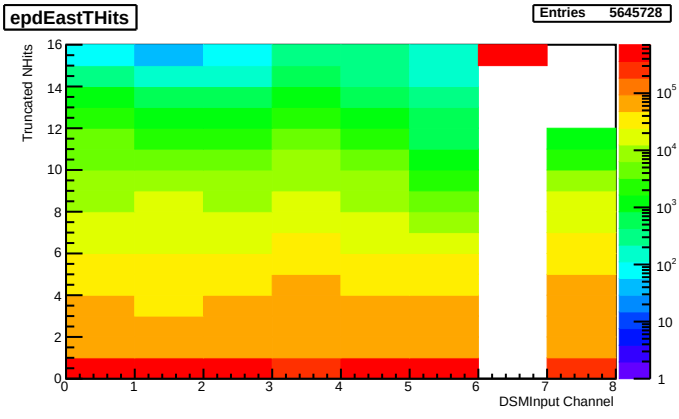

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

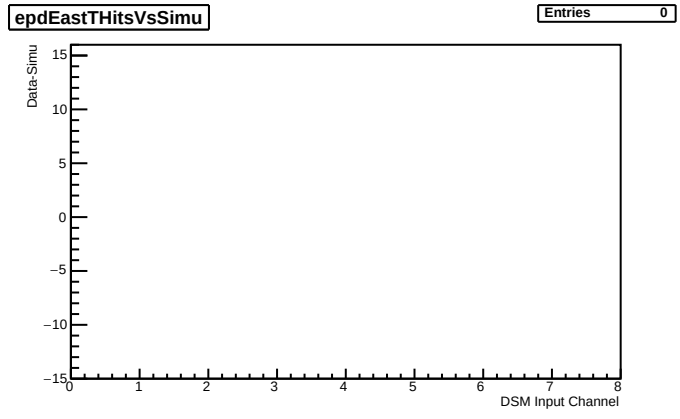

bbcSmallWestTacMax
Entries 705716

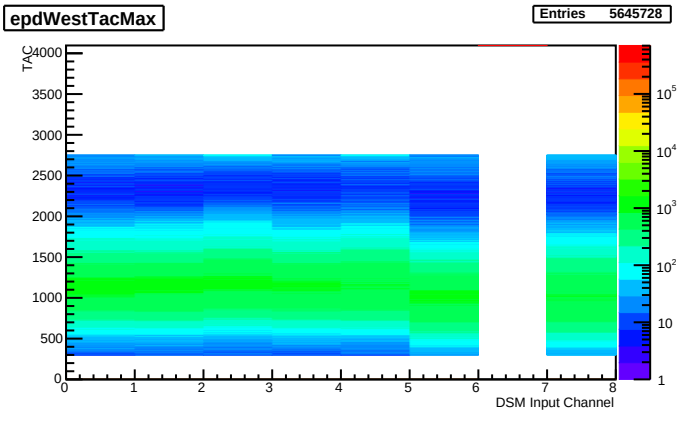

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

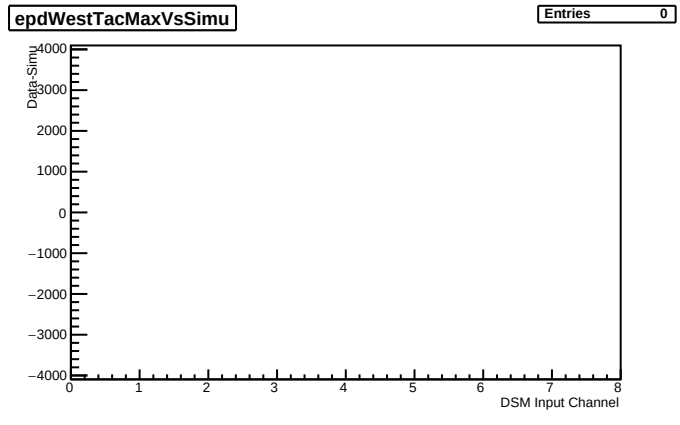

epdEastTacMax
Entries 5645728
TAC
DSM Input Channel

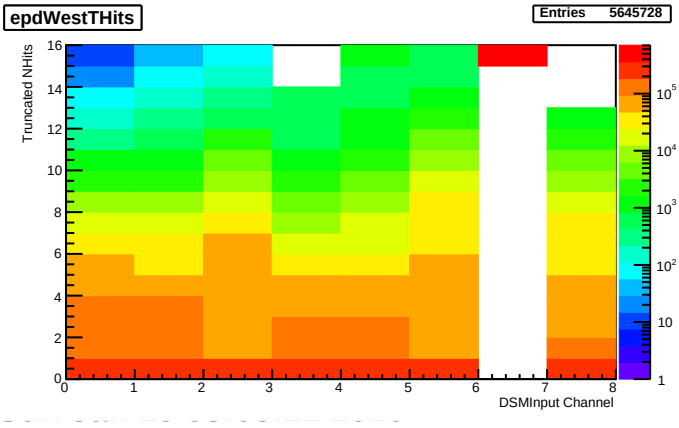

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

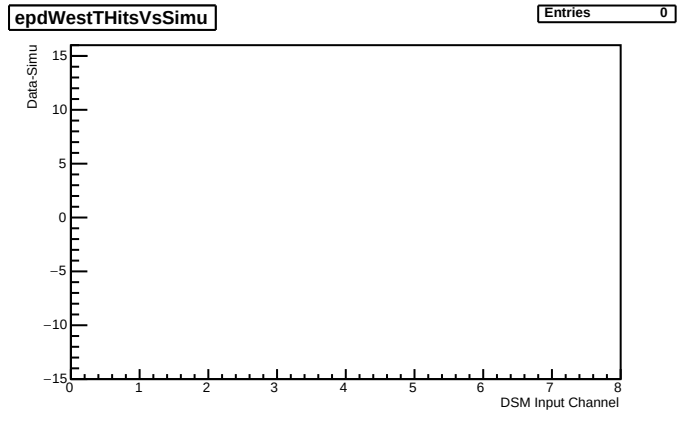

epdEastTHits
Entries 5645728
Truncated NHits
DSMInput Channel

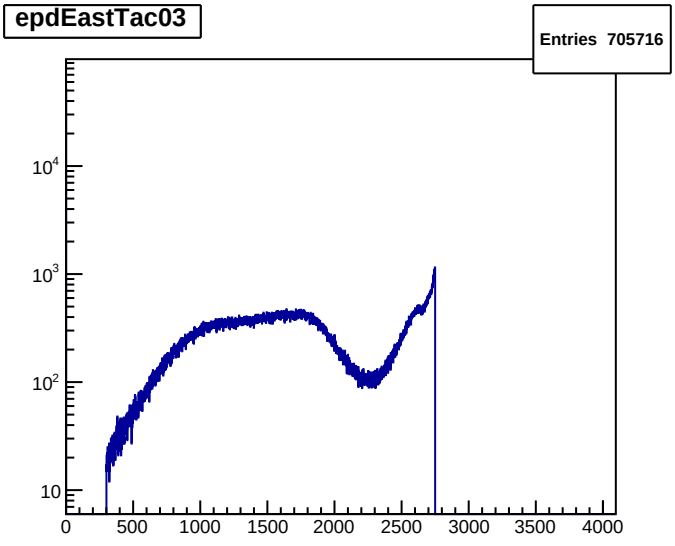

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

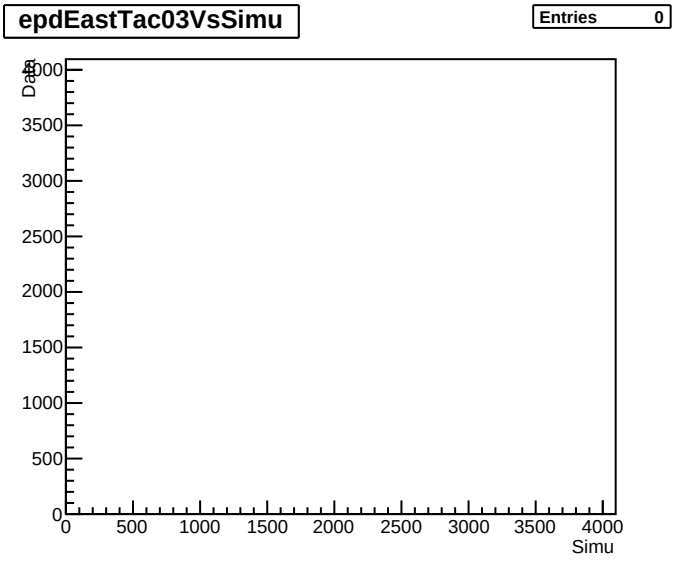

epdWestTacMax
Entries 5645728
TAC
DSM Input Channel

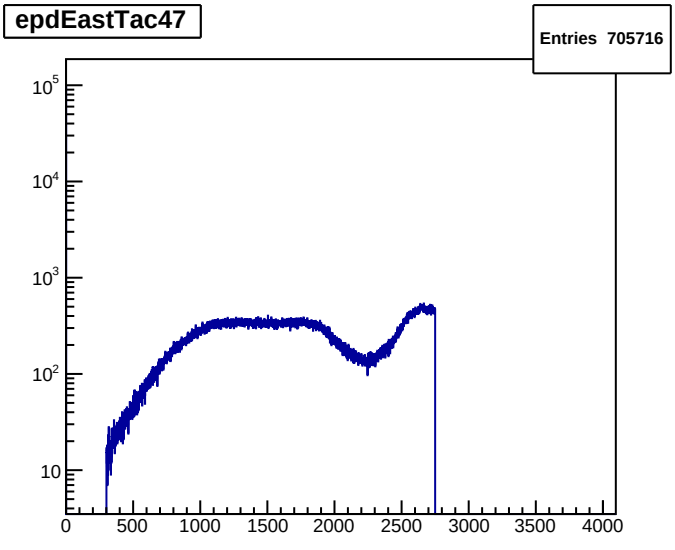

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

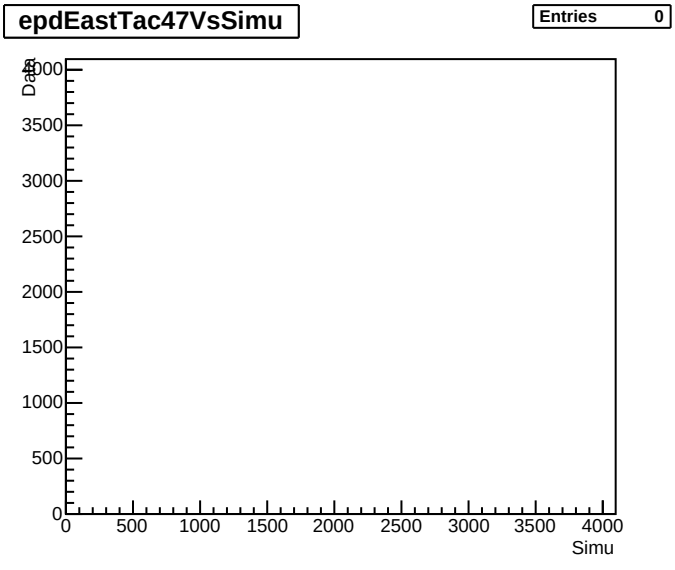

epdWestTHits
Entries 5645728
Truncated NHits
DSMInput Channel

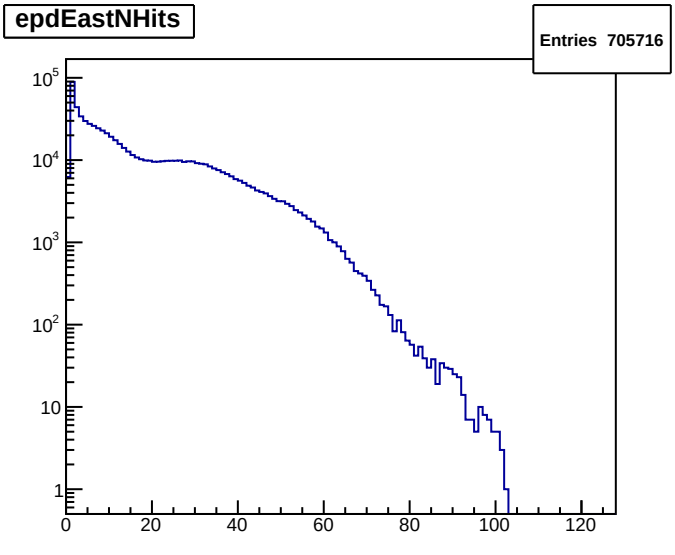

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

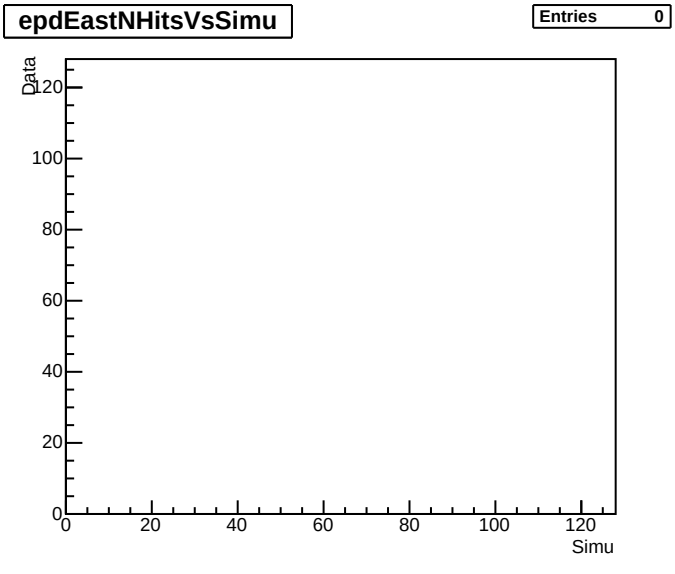

epdEastTac03
Entries 705716

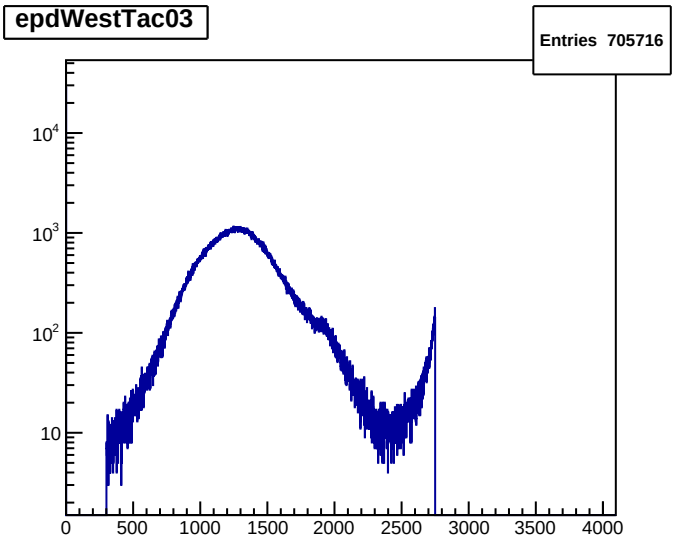

epdEastTac03VsSimu
Entries 0
Data
Simu

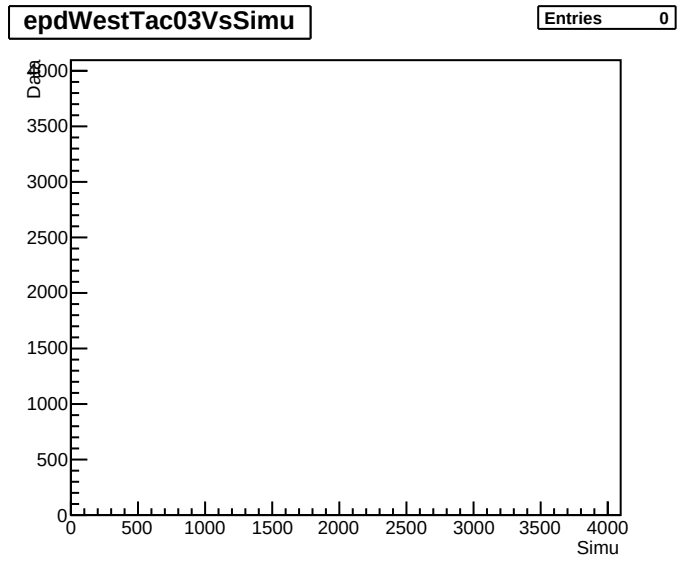

epdEastTac47
Entries 705716

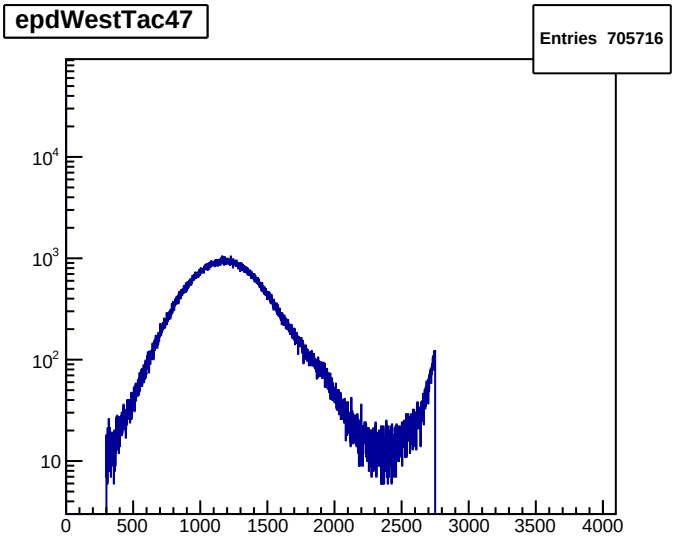

epdEastTac47VsSimu
Entries 0
Data
Simu

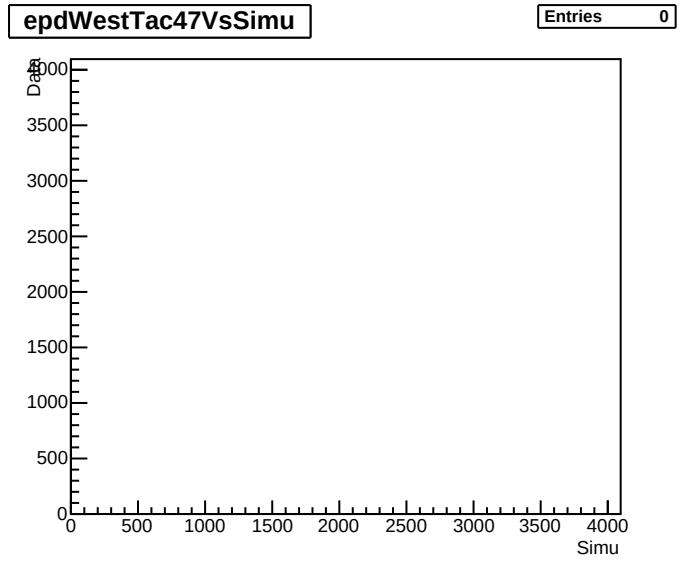

epdEastNHits
Entries 705716

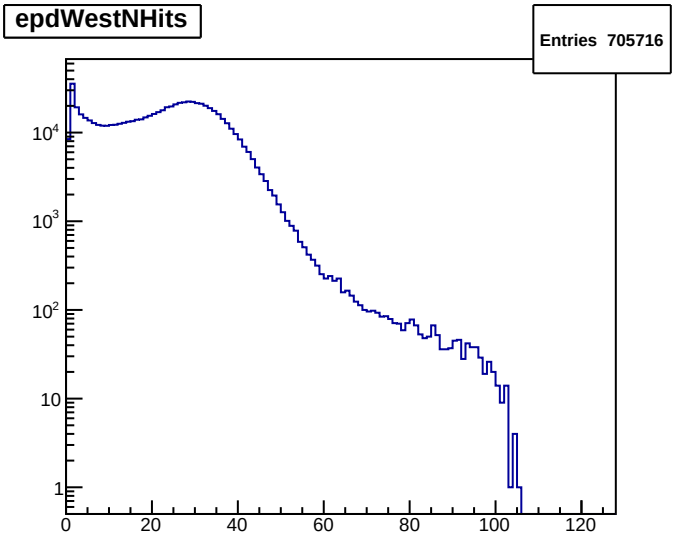

epdEastNHitsVsSimu
Entries 0
Data
Simu

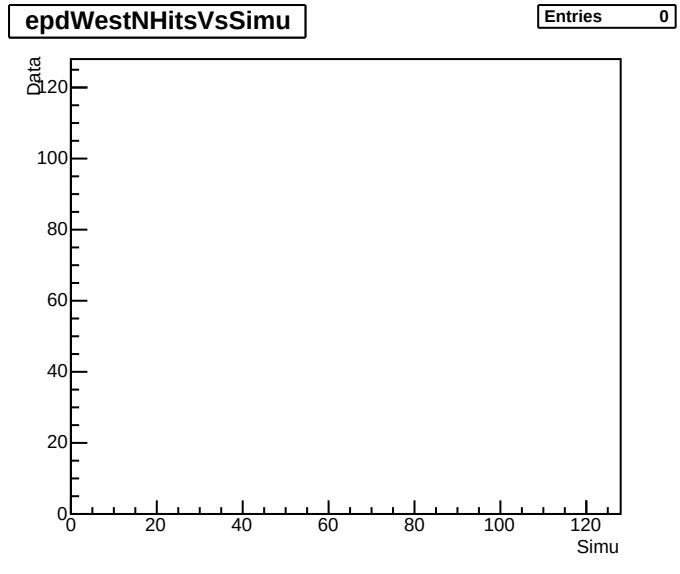

epdWestTac03
Entries 705716

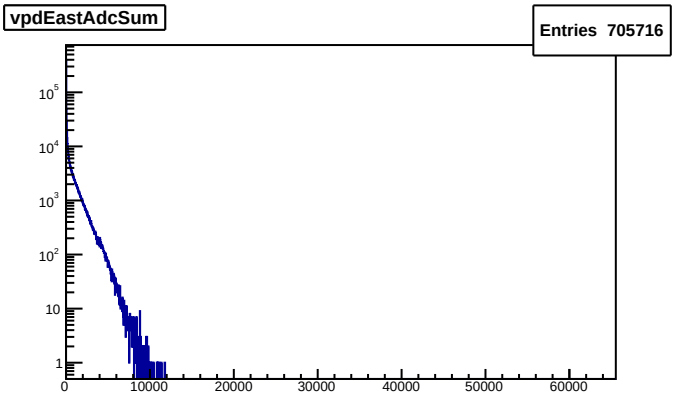

epdWestTac03VsSimu
Entries 0
Data
Simu

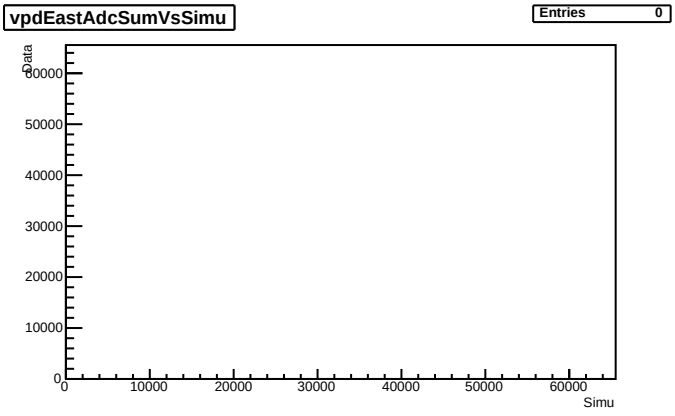

epdWestTac47
Entries 705716

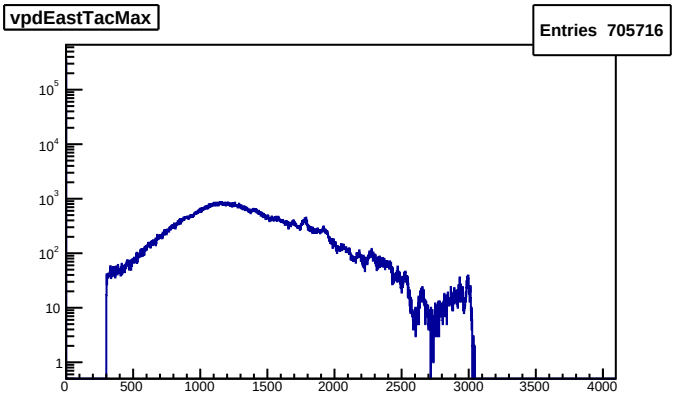

epdWestTac47VsSimu
Entries 0
Data
Simu

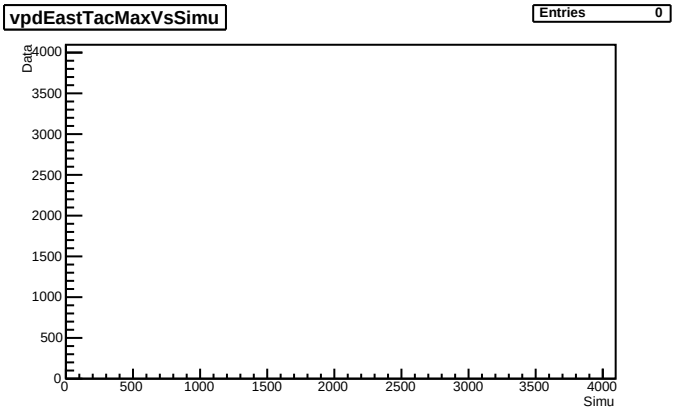

epdWestNHits
Entries 705716

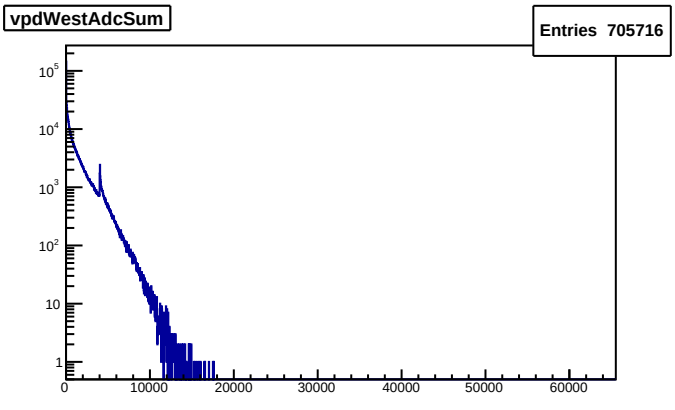

epdWestNHitsVsSimu
Entries 0
Data
Simu

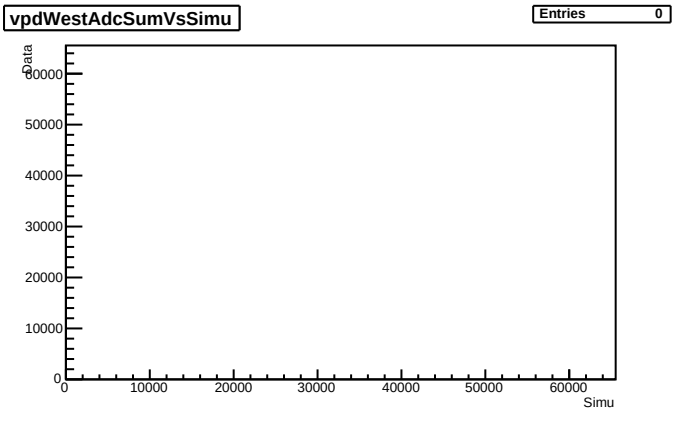

vpdEastAdcSum
Entries 705716

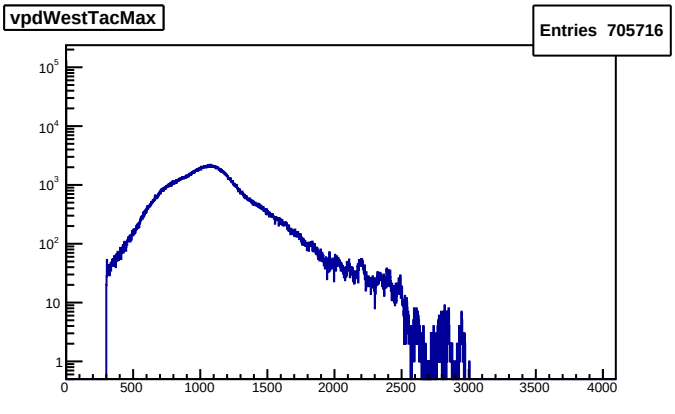

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

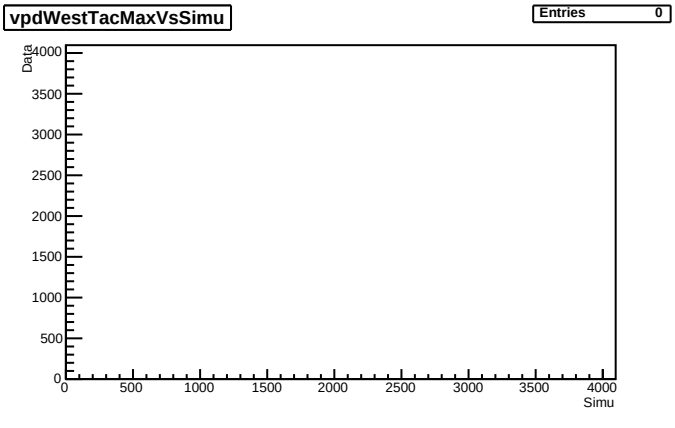

vpdEastTacMax
Entries 705716

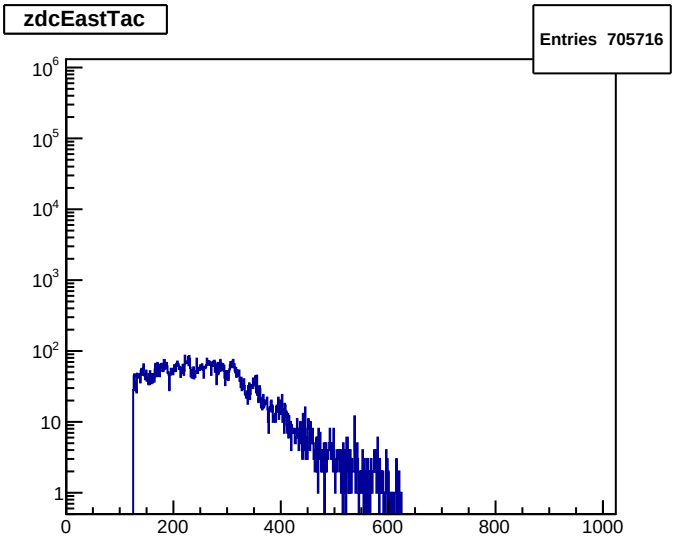

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

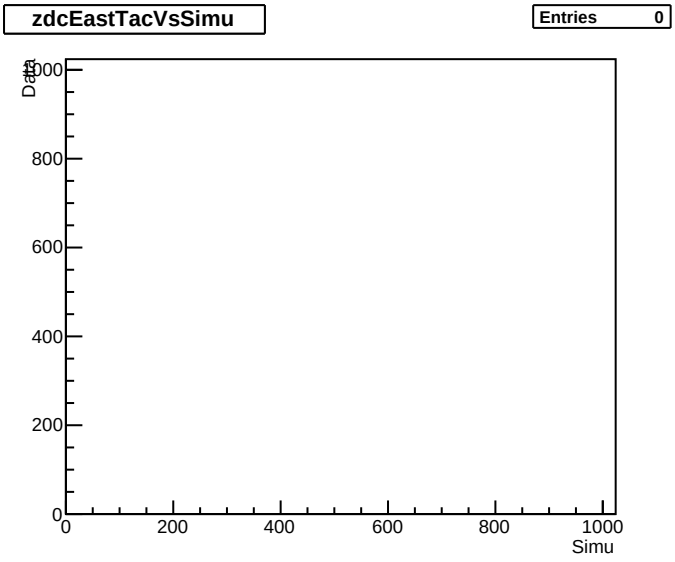

vpdWestAdcSum
Entries 705716

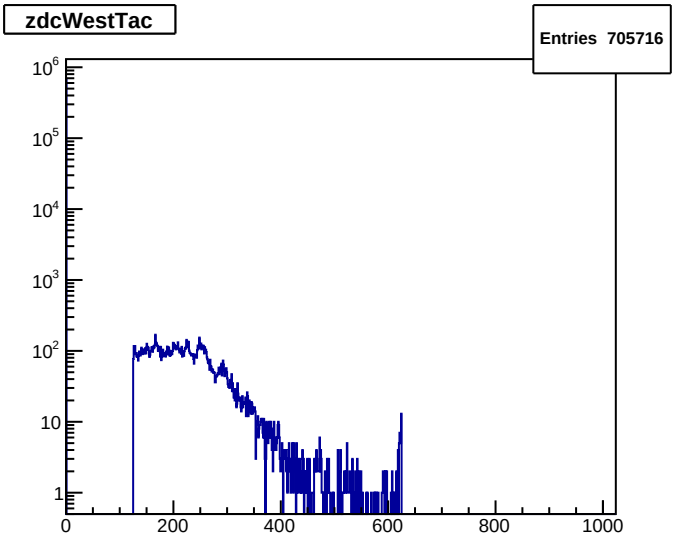

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

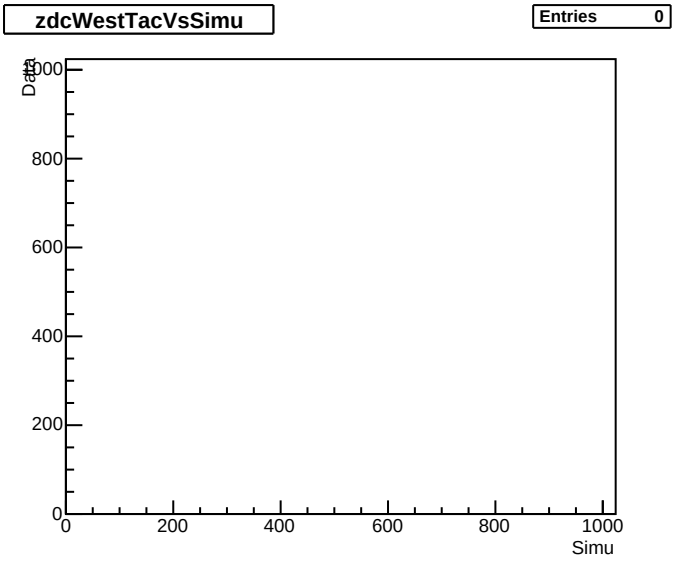

vpdWestTacMax
Entries 705716

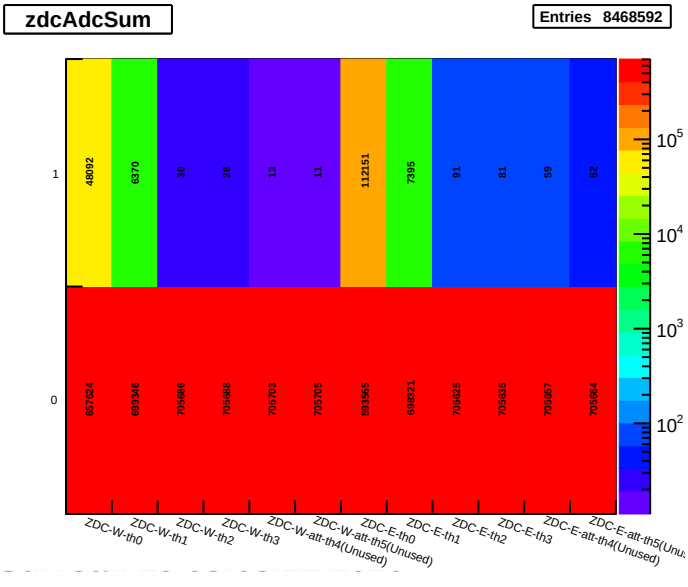

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

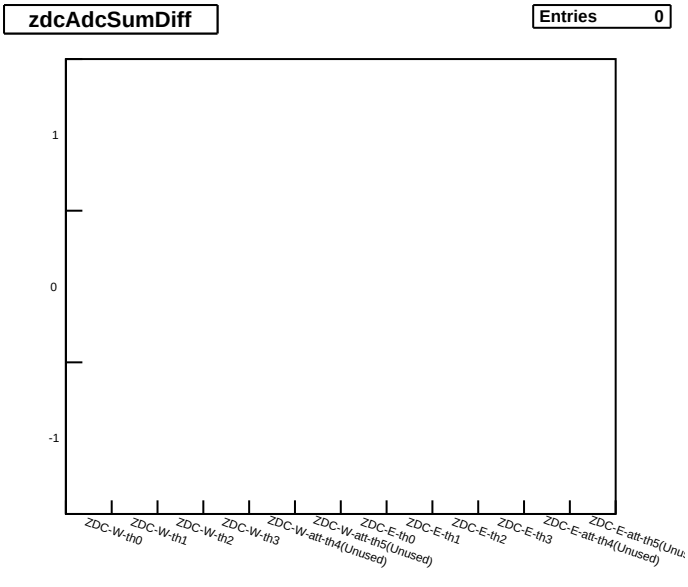

zdcEastTac
Entries 705716

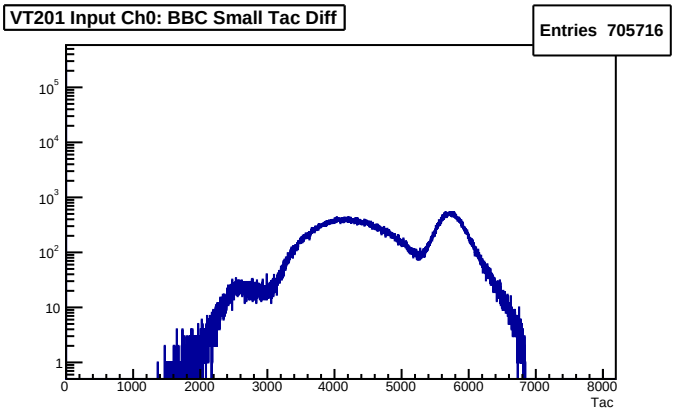

zdcEastTacVsSimu
Entries 0
Data
Simu

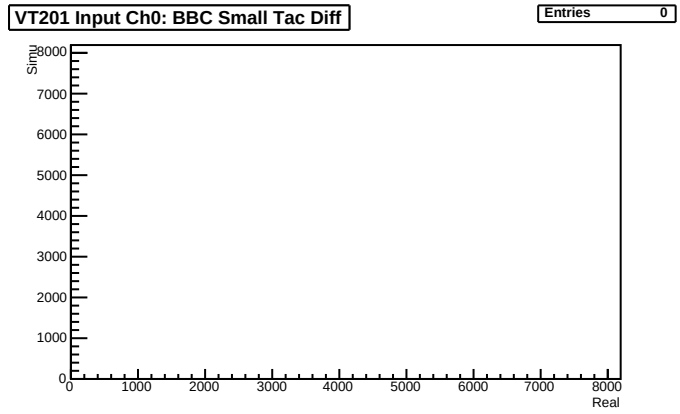

zdcWestTac
Entries 705716

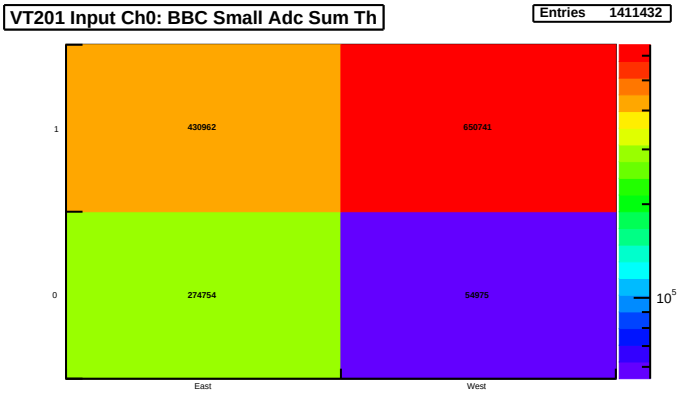

zdcWestTacVsSimu
Entries 0
Data
Simu

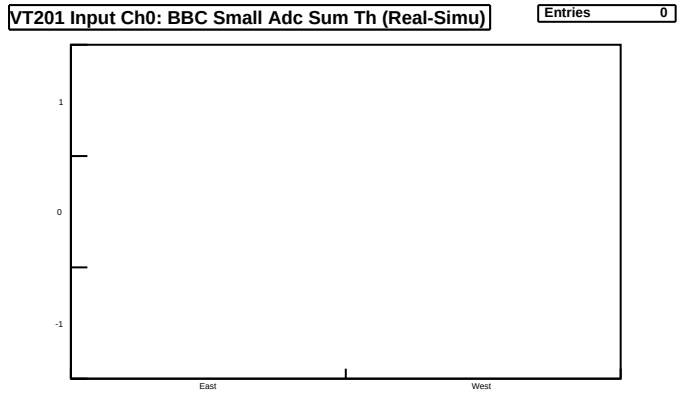

zdcAdcSum
Entries 8468592
48092
6370
30
28
13
11
112151
7395
91
81
59
52
657624
699346
705686
705688
705703
705705
593565
698321
705625
705635
705657
705684
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

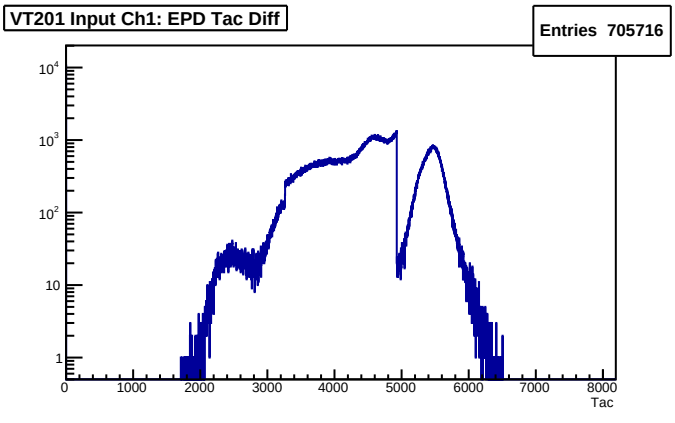

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

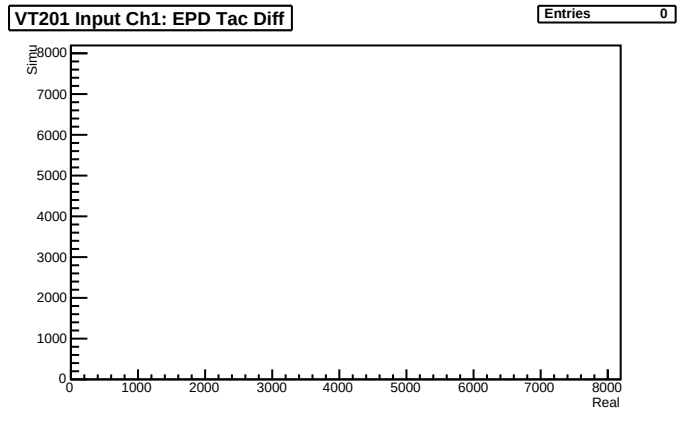

VT201 Input Ch0: BBC Small Tac Diff
Entries 705716
Tac

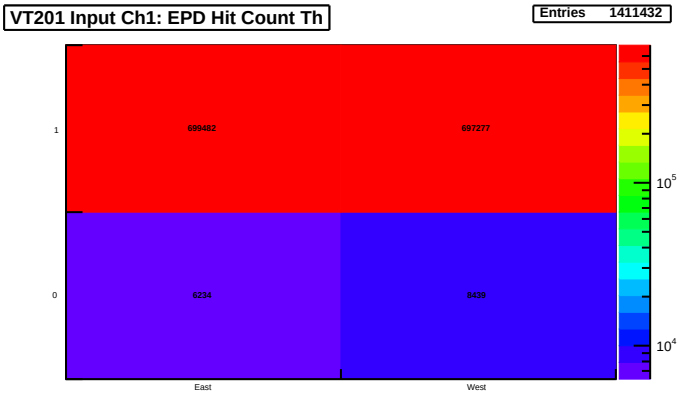

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

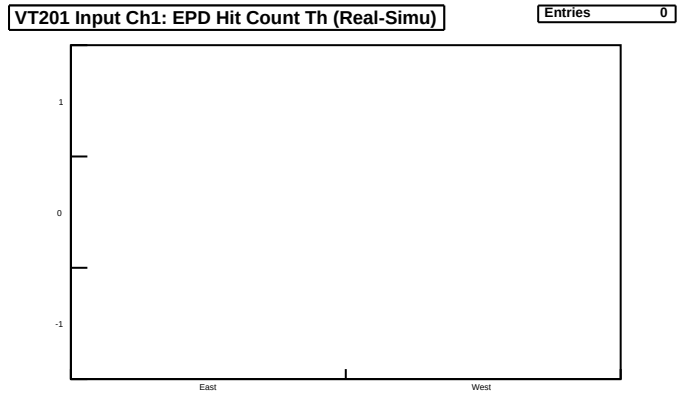

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1411432
430962
650741
274754
54975
East
West

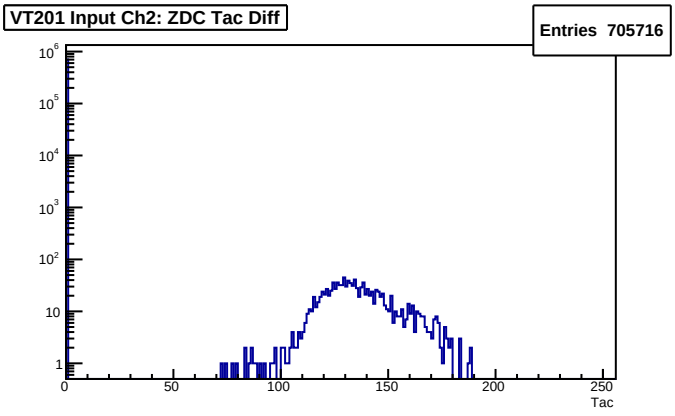

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

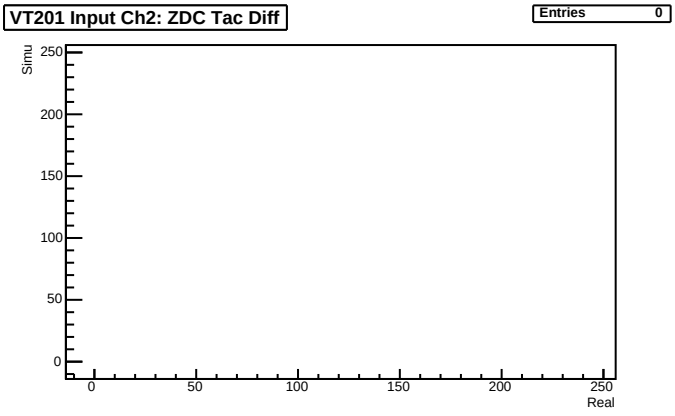

VT201 Input Ch1: EPD Tac Diff
Entries 705716
Tac

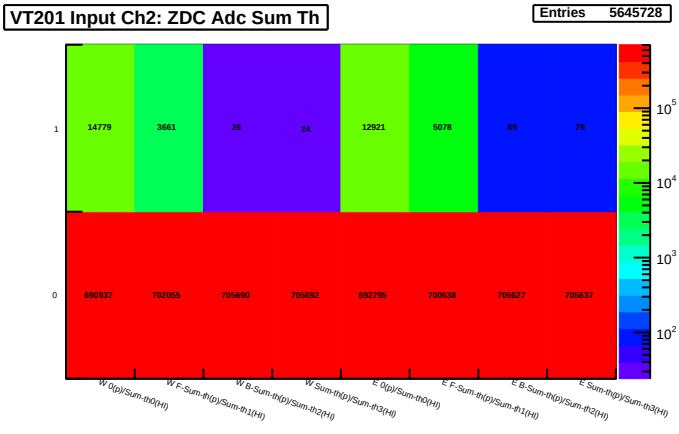

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

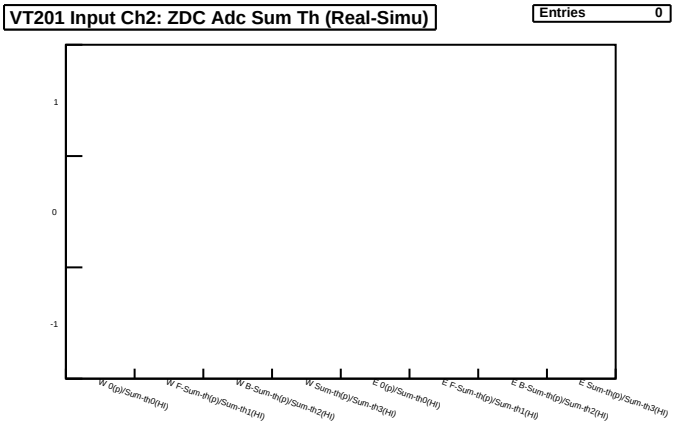

VT201 Input Ch1: EPD Hit Count Th
Entries 1411432
699482
697277
6234
8439
East
West

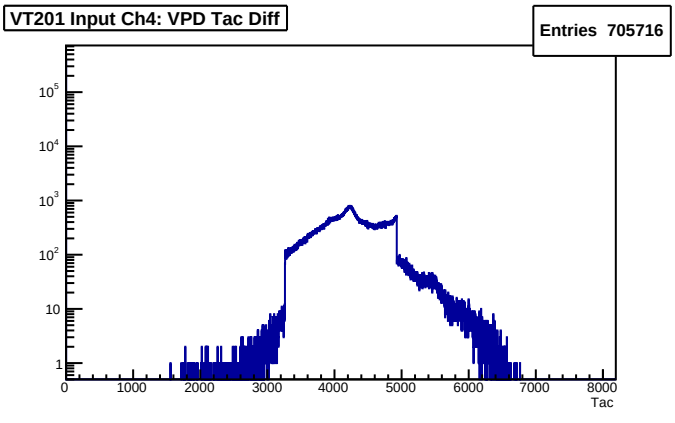

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

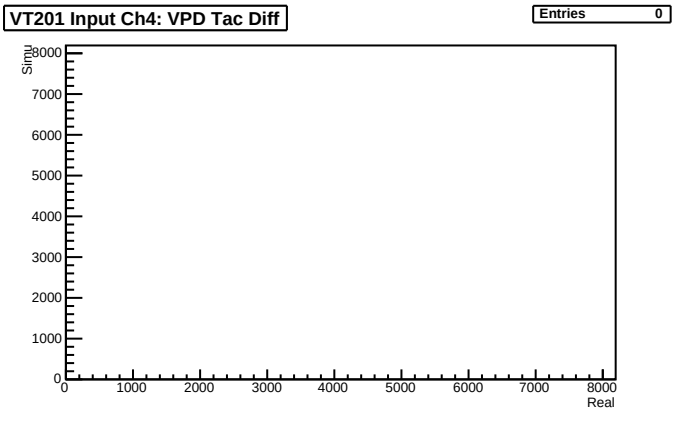

VT201 Input Ch2: ZDC Tac Diff
Entries 705716
Tac

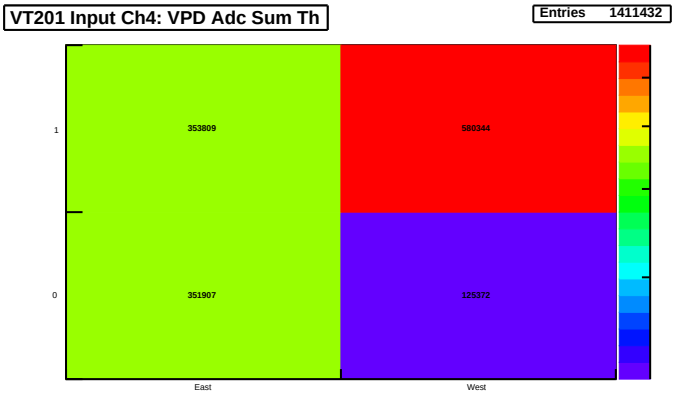

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

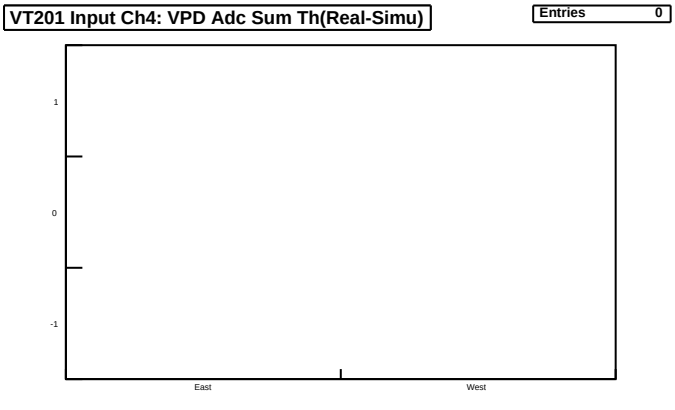

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5645728
14779
3661
26
24
12921
5078
89
79
690937
702055
705690
705692
692795
700638
705627
705637
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

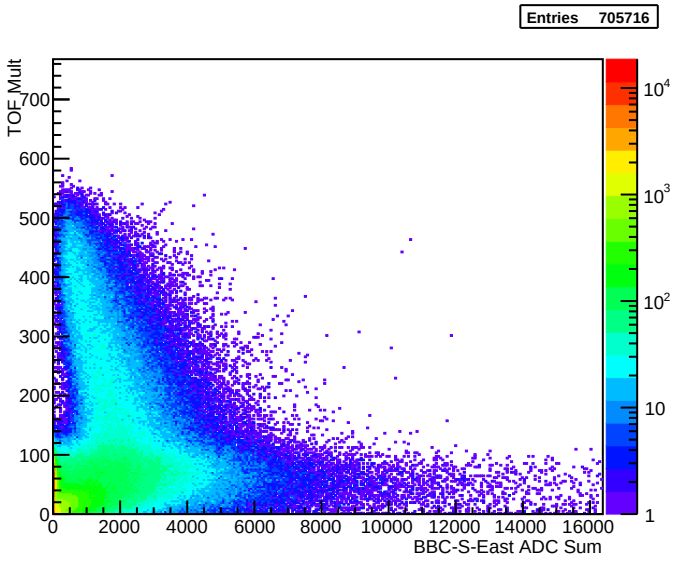

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

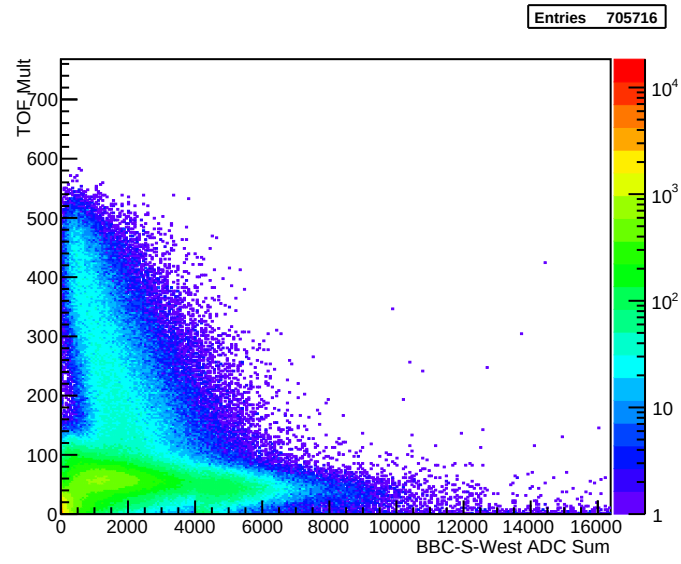

VT201 Input Ch4: VPD Tac Diff
Entries 705716
Tac

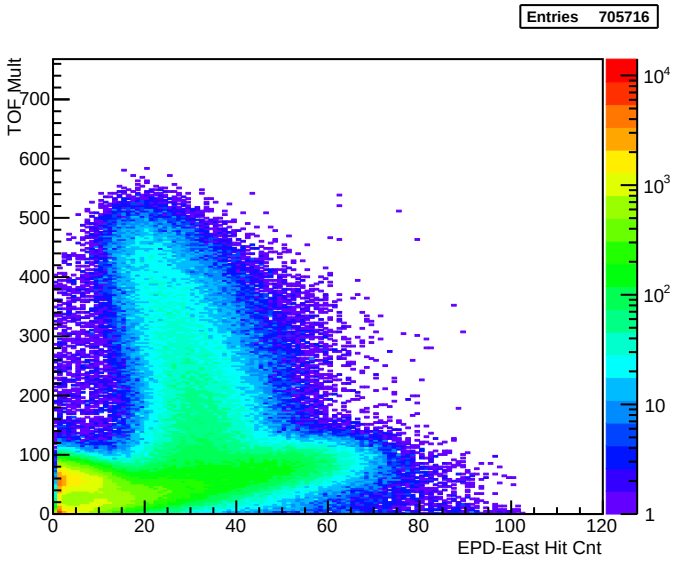

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

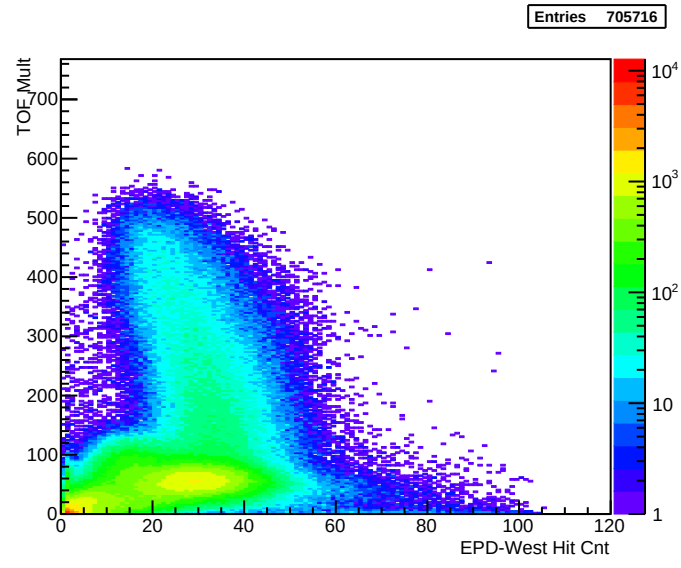

VT201 Input Ch4: VPD Adc Sum Th
Entries 1411432
353809
580344
351907
125372
East
West

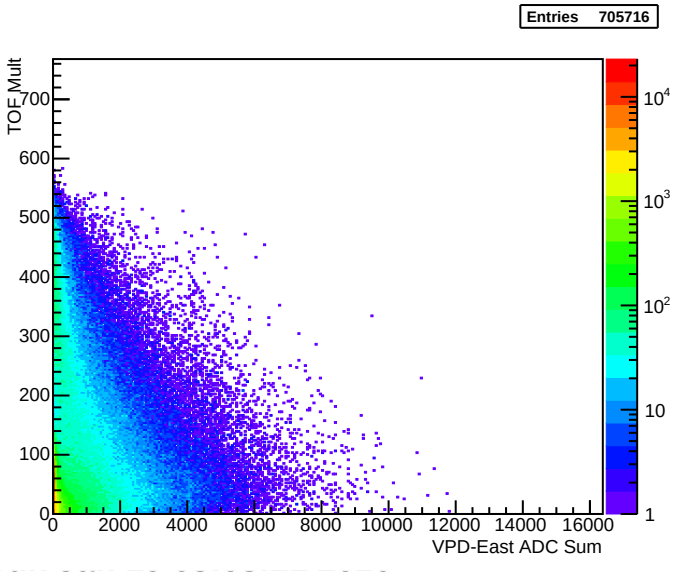

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

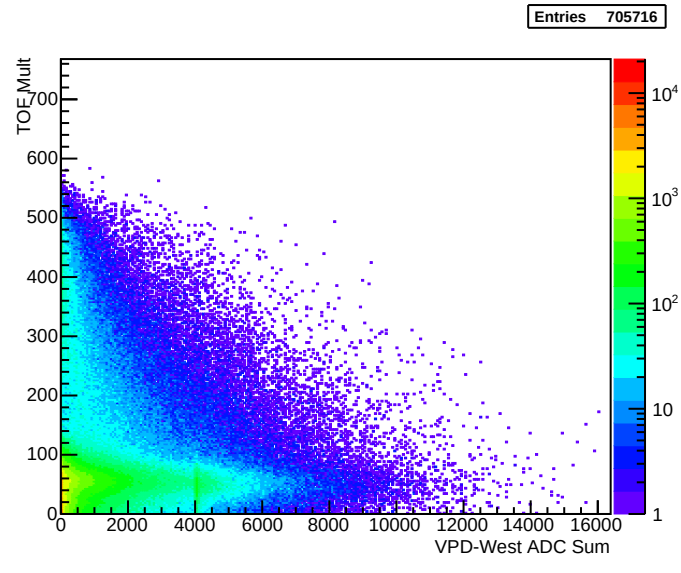

Entries 705716
TOF_Mult
BBC-S-East ADC Sum

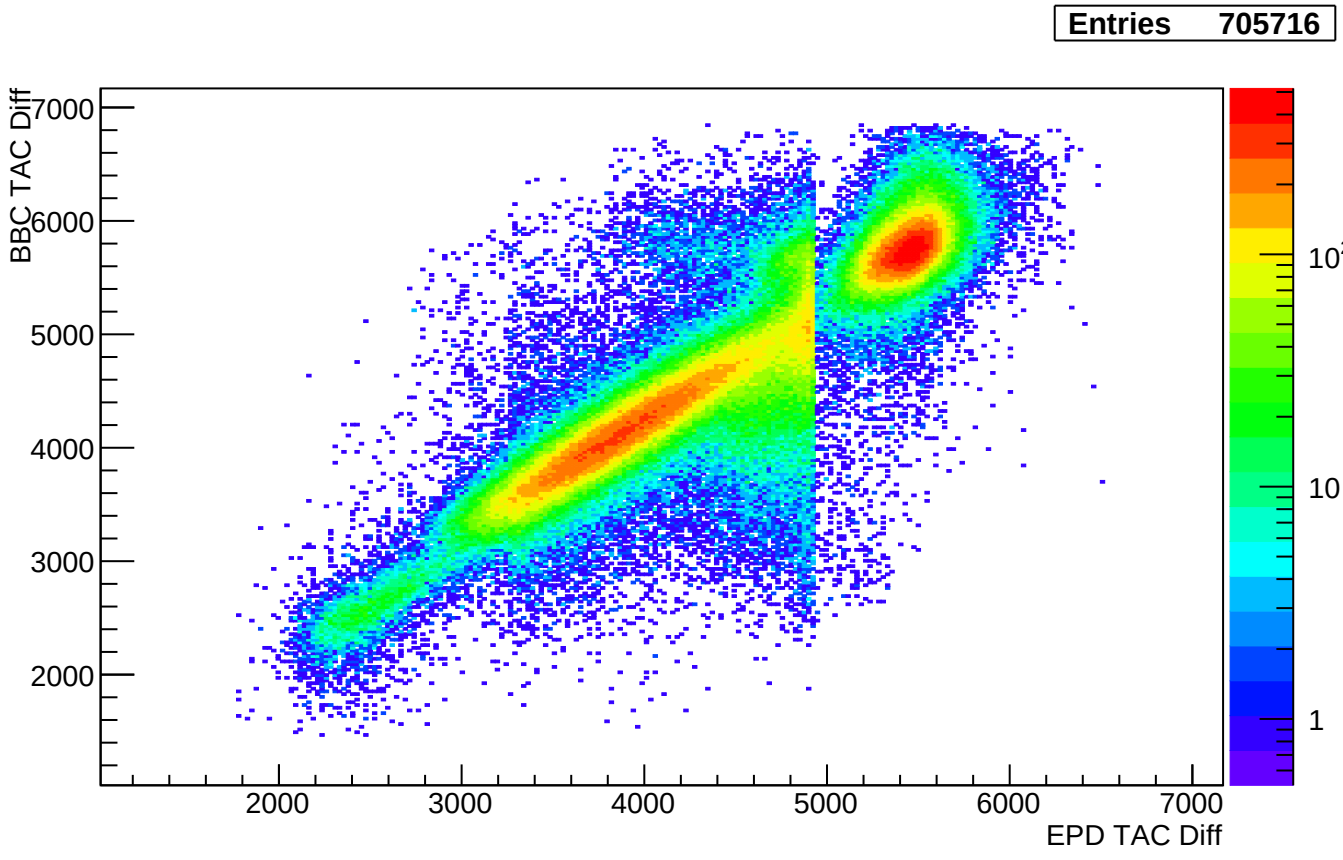

Entries 705716
TOF_Mult
BBC-S-West ADC Sum

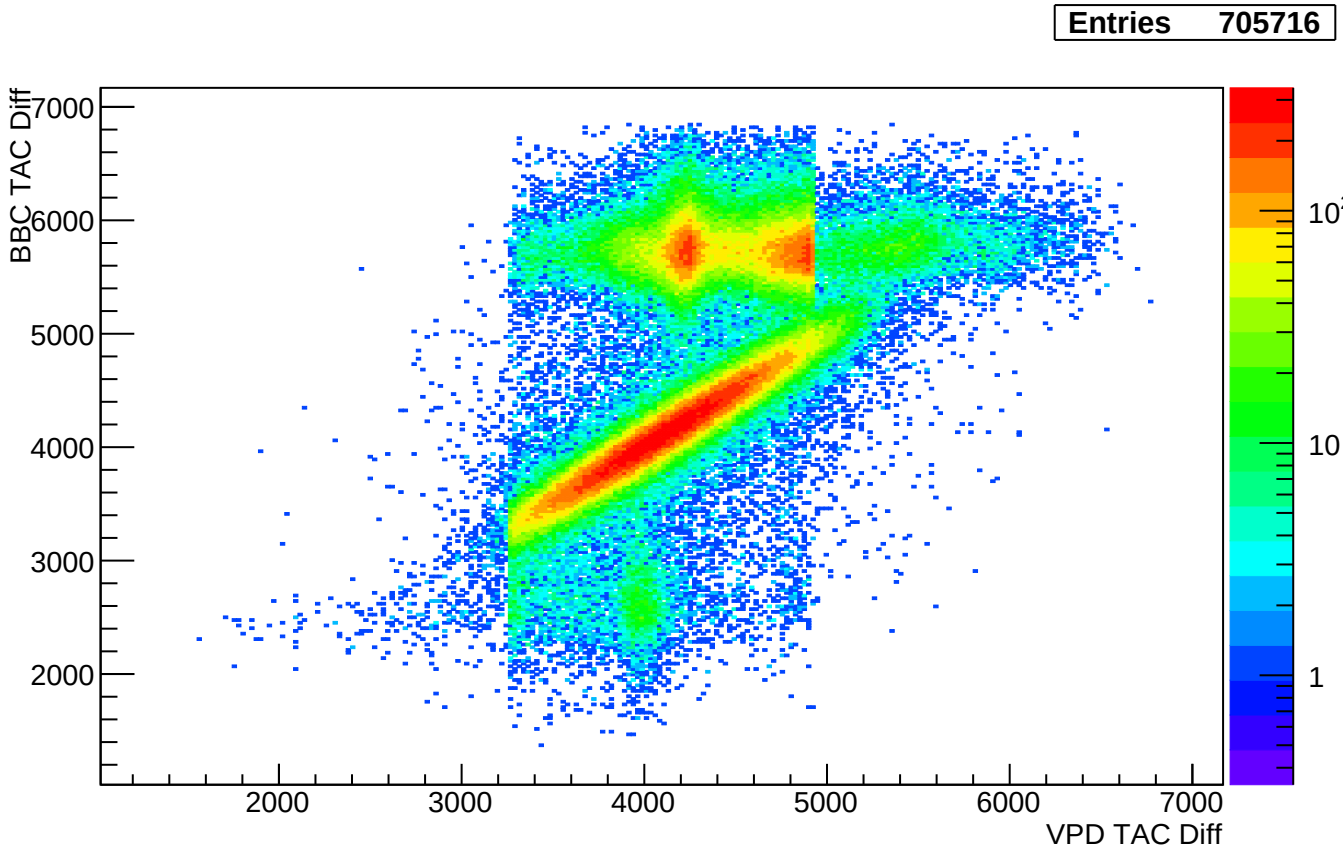

Entries 705716
TOF_Mult
EPD-East Hit Cnt

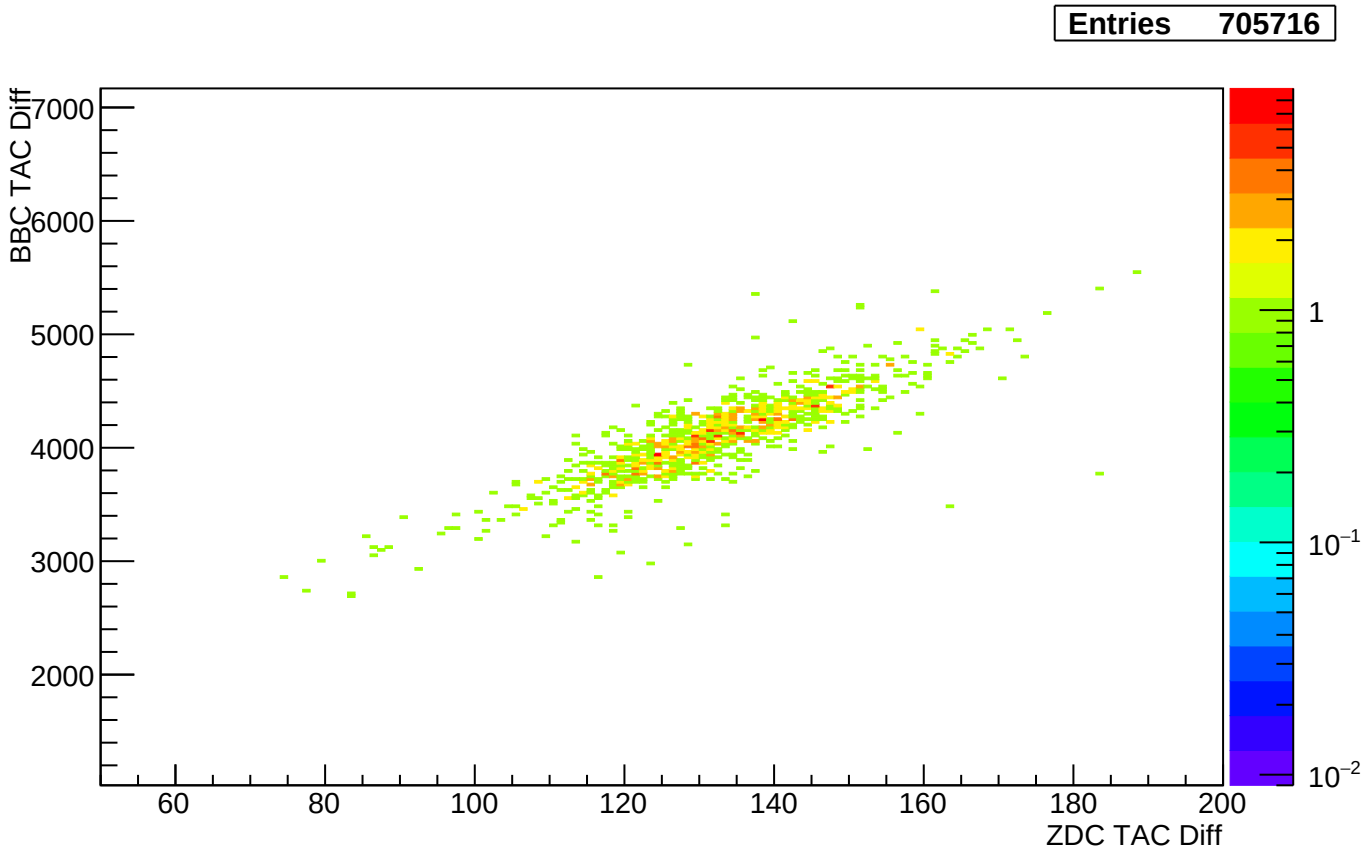

Entries 705716
TOF_Mult
EPD-West Hit Cnt

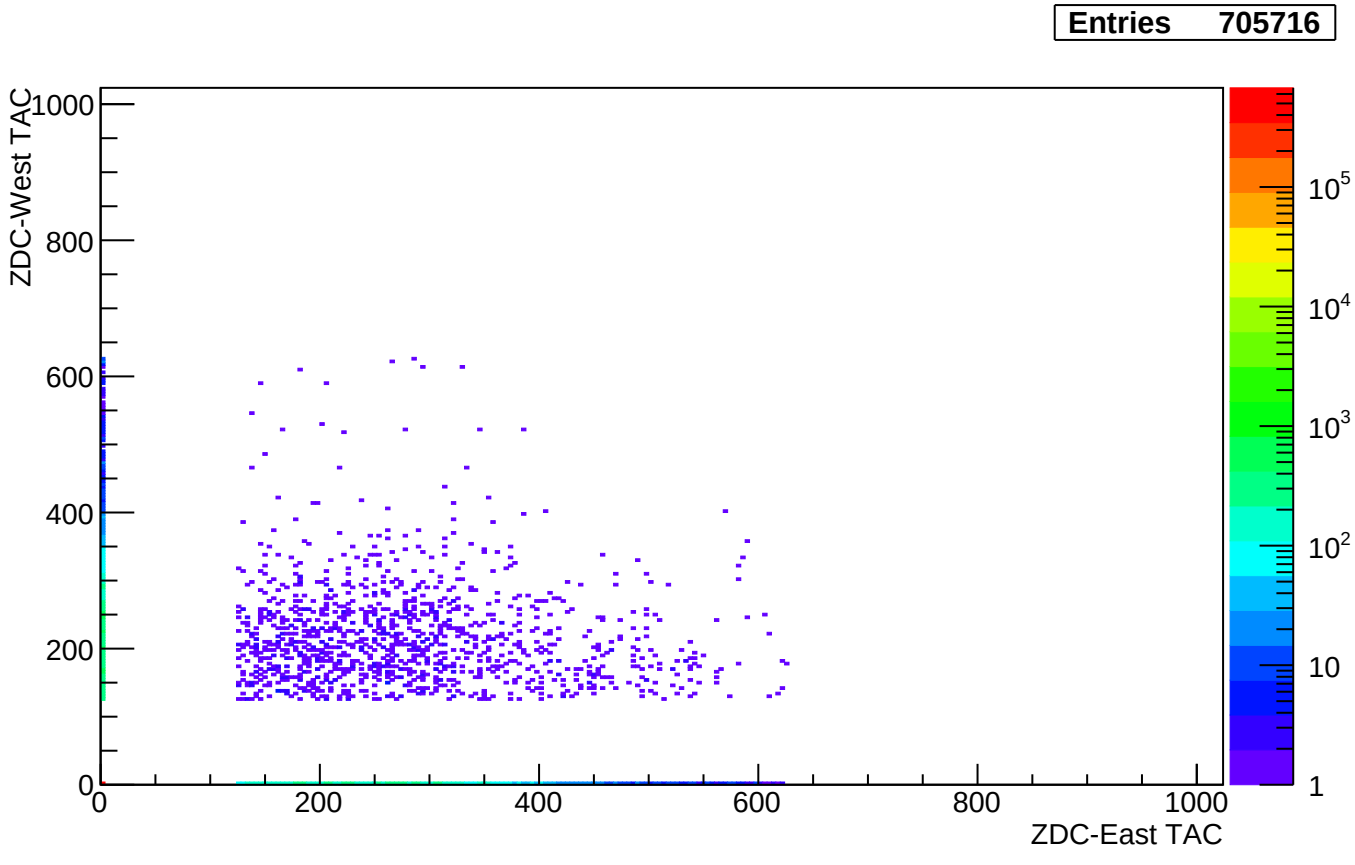

Entries 705716
TOF_Mult
VPD-East ADC Sum

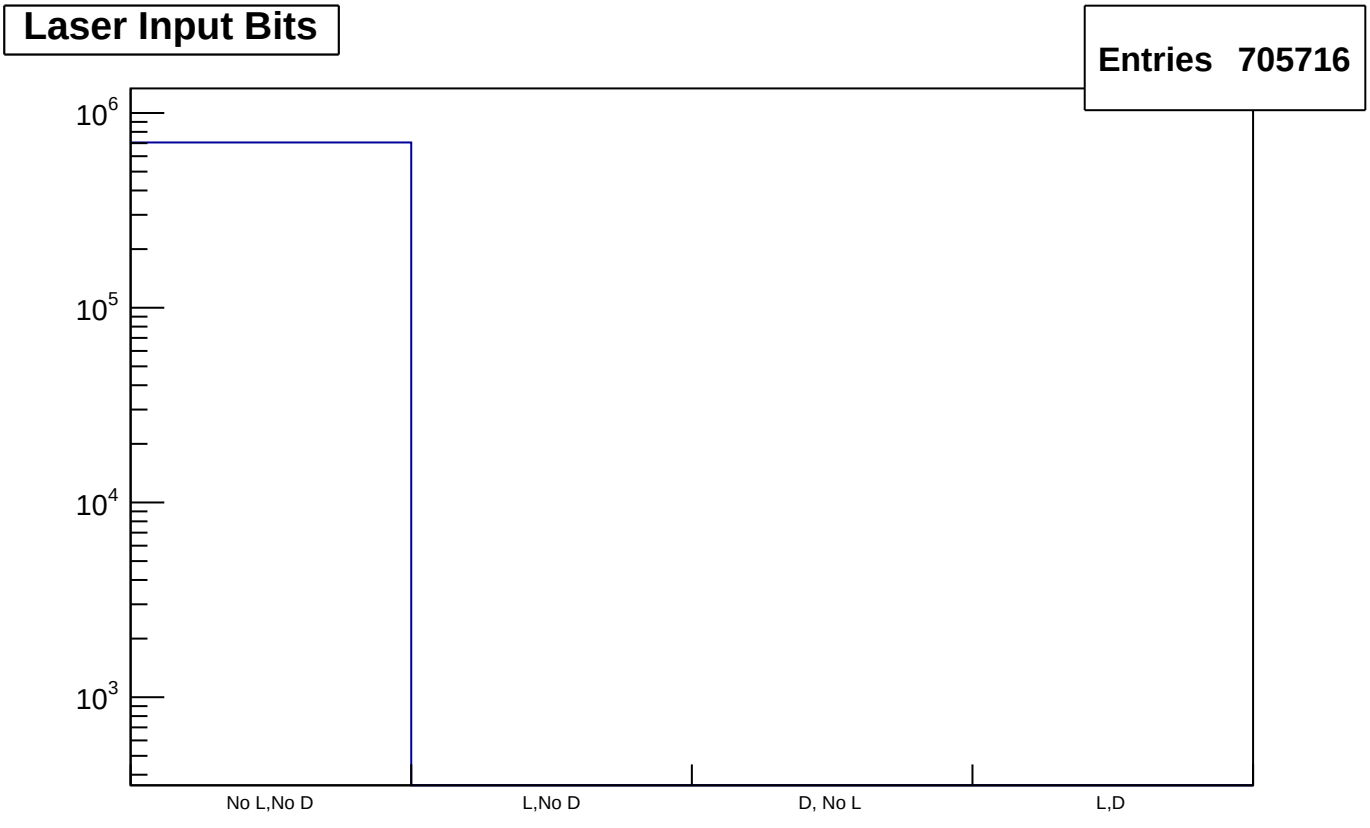

Entries 705716
TOF_Mult
VPD-West ADC Sum

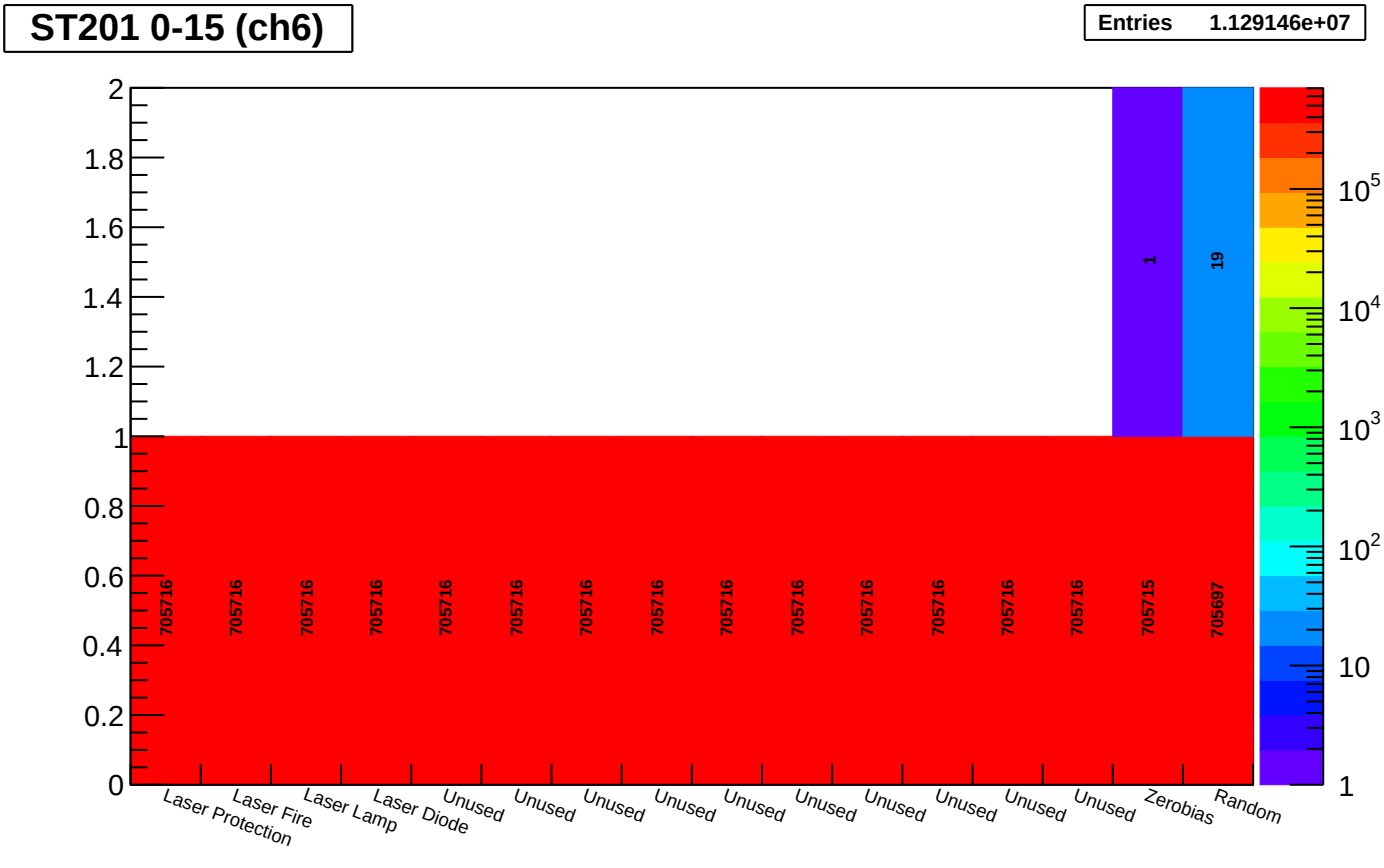

Entries 705716
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1


Entries 705716
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

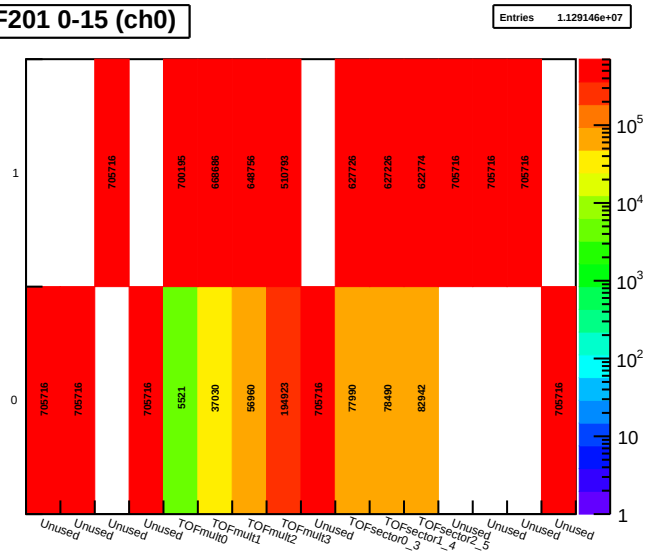

Entries 705716
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 705716
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

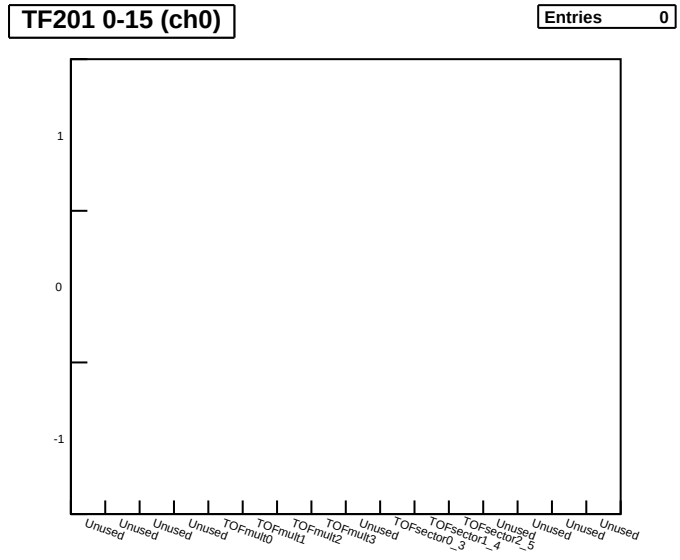

Laser Input Bits
Entries 705716
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.129146e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
705716
705716
705716
705716
705716
705716
705716
705716
705716
705716
705716
705716
705716
705716
705715
705697
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

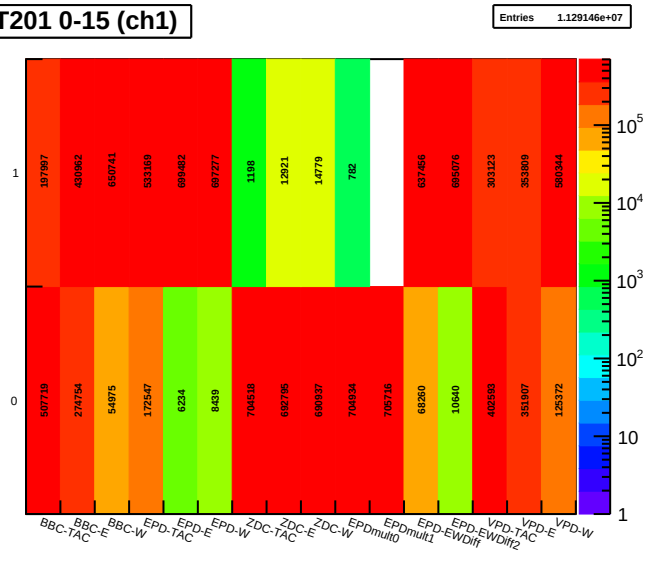
TF201 0-15 (ch0)



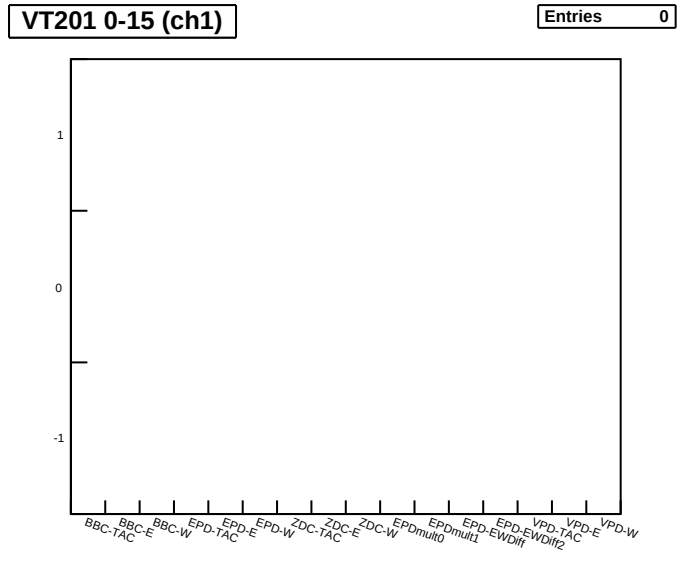
TF201 0-15 (ch0)



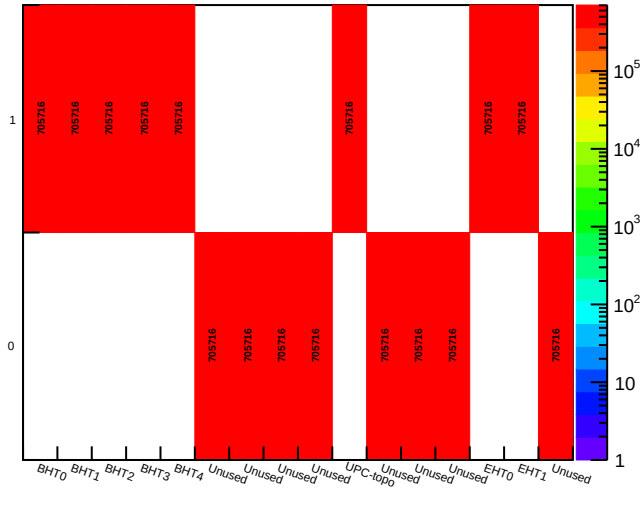
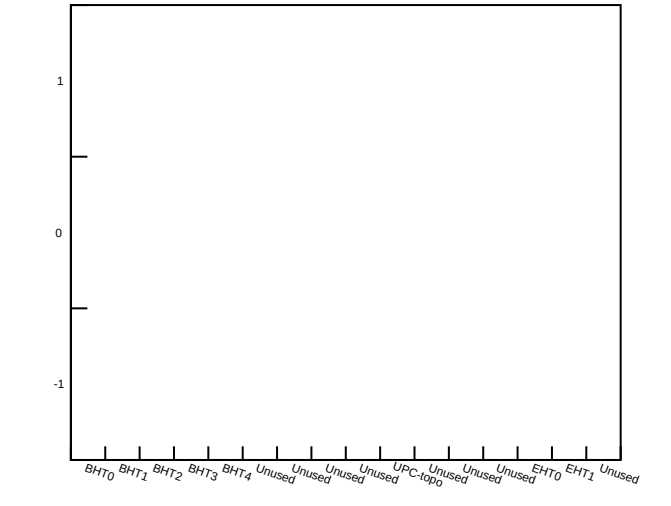
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)