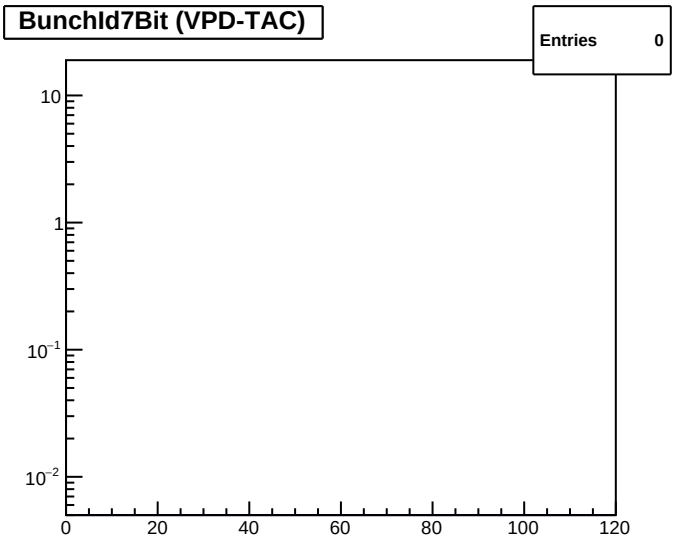
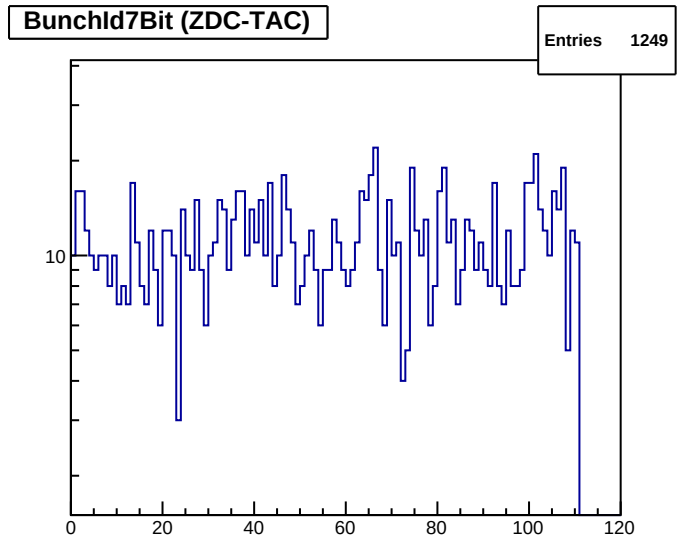
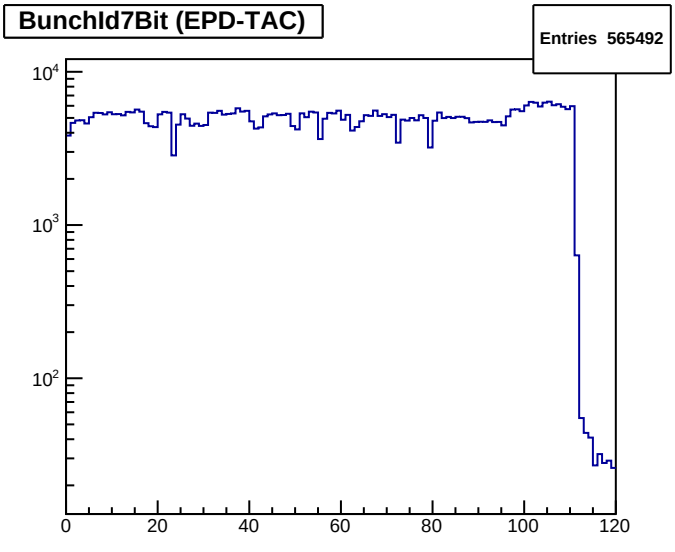
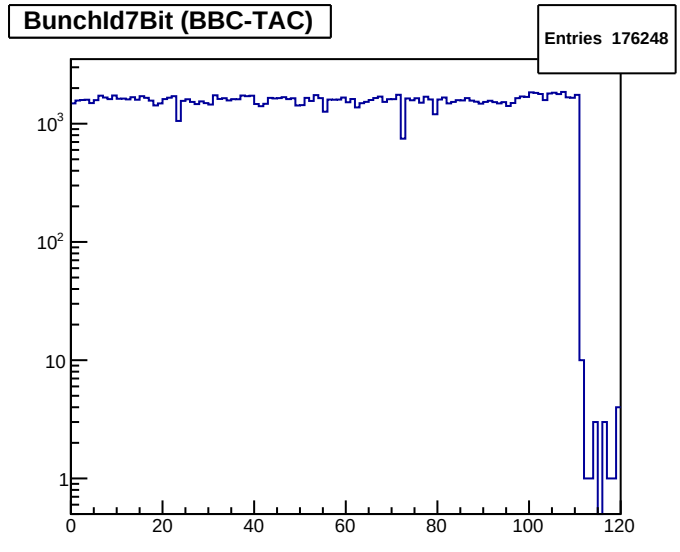
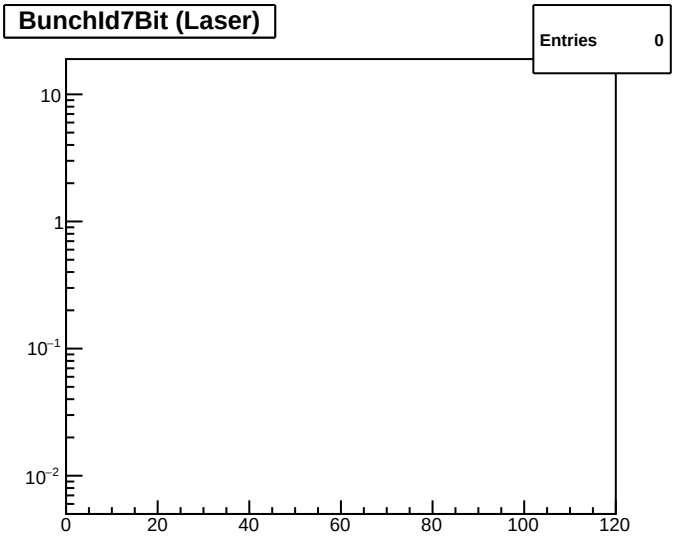
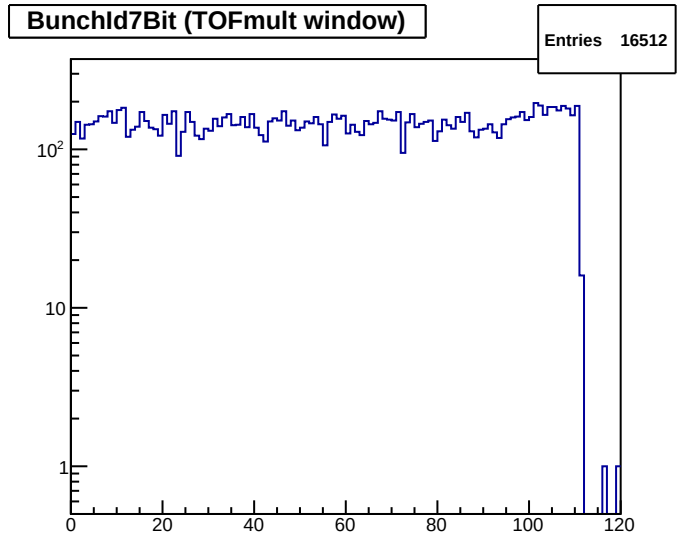

BunchId7Bit (VPD-TAC)
Entries 0

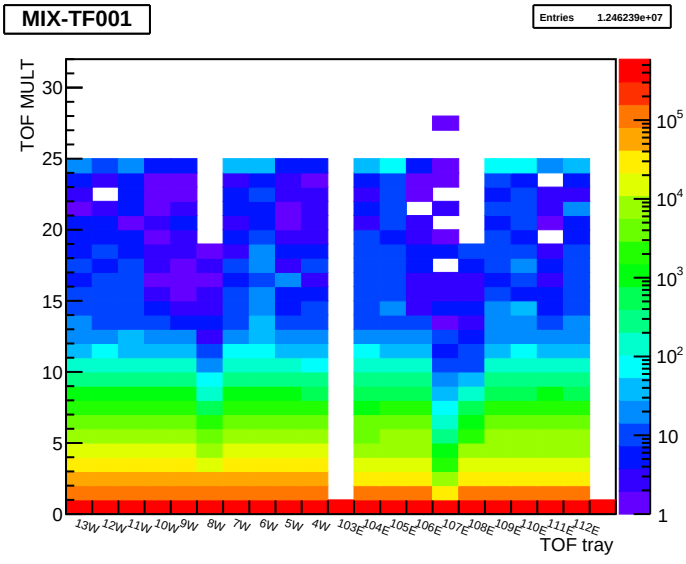

BunchId7Bit (ZDC-TAC)
Entries 1249

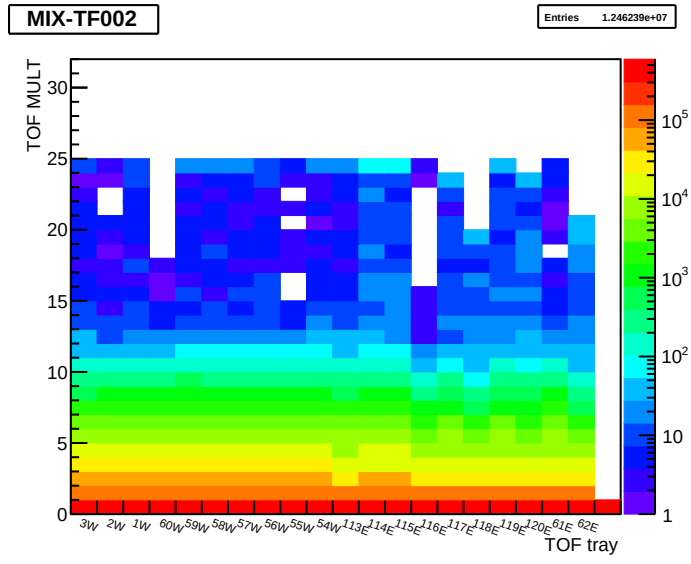

BunchId7Bit (EPD-TAC)
Entries 565492

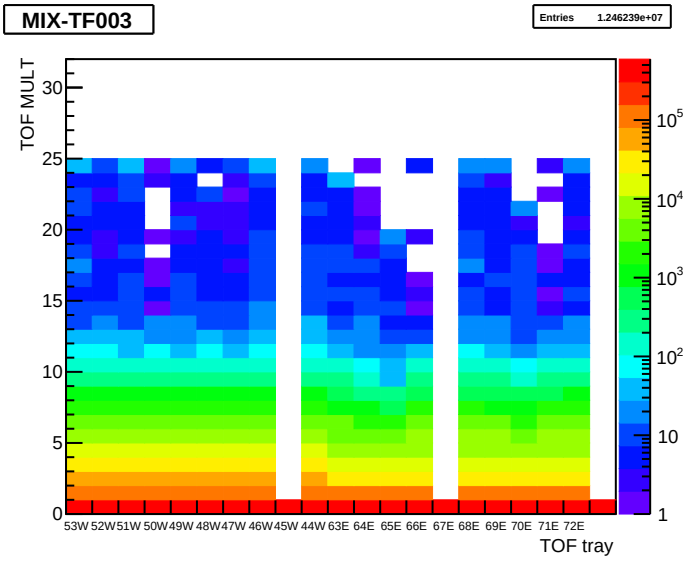

BunchId7Bit (BBC-TAC)
Entries 176248

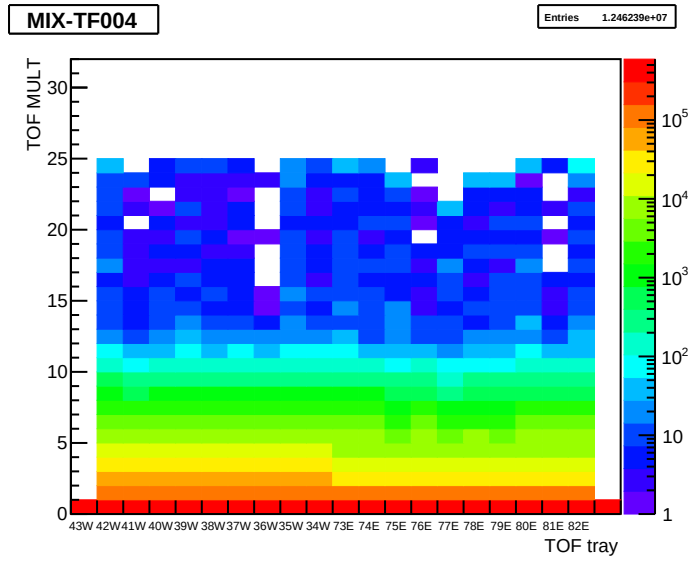

BunchId7Bit (Laser)
Entries 0

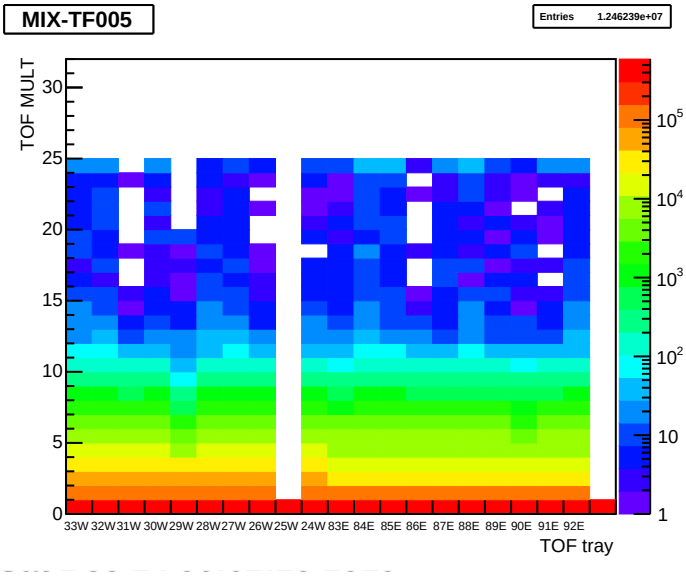

BunchId7Bit (TOFmult window)
Entries 16512

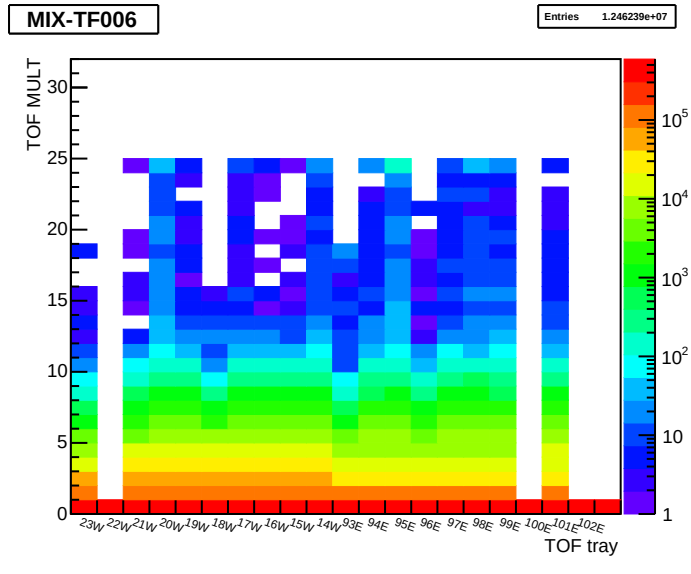

MIX-TF001
Entries 1.246239e+07
TOF MULT
TOF tray

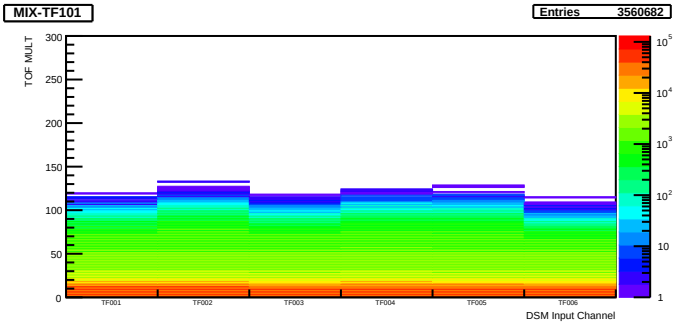

MIX-TF002
Entries 1.246239e+07
TOF MULT
TOF tray

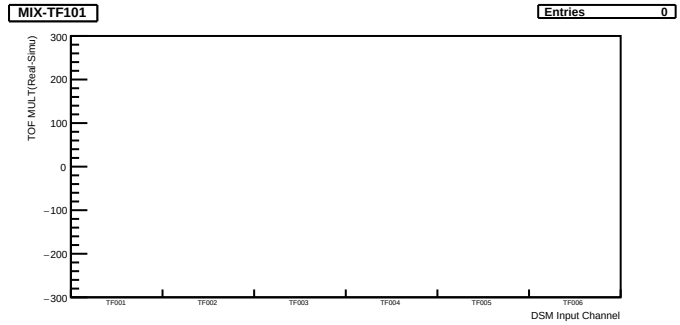

MIX-TF003
Entries 1.246239e+07
TOF MULT
TOF tray

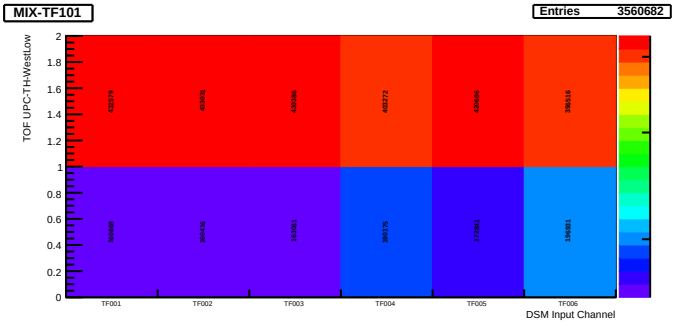

MIX-TF004
Entries 1.246239e+07
TOF MULT
TOF tray

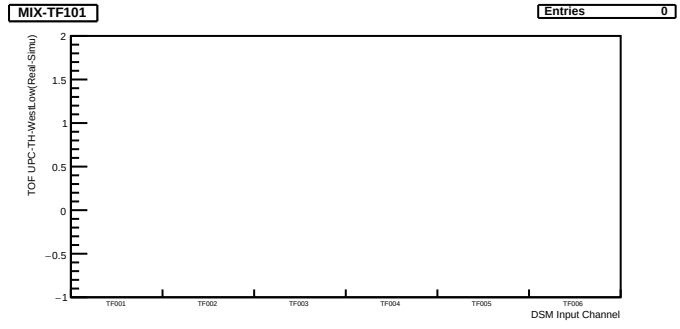

MIX-TF005
Entries 1.246239e+07
TOF MULT
TOF tray

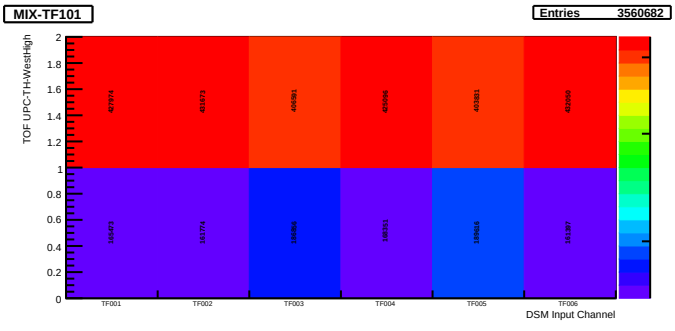

MIX-TF006
Entries 1.246239e+07
TOF MULT
TOF tray

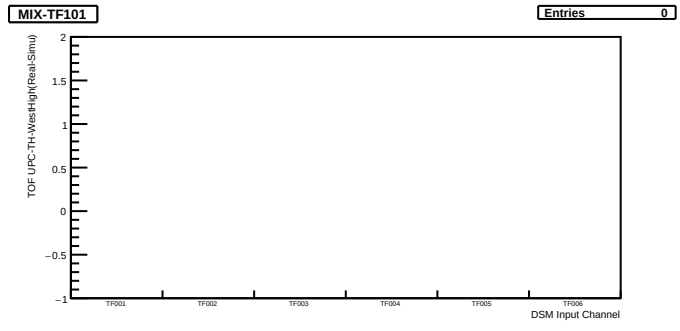

MIX-TF101
Entries 3560682
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

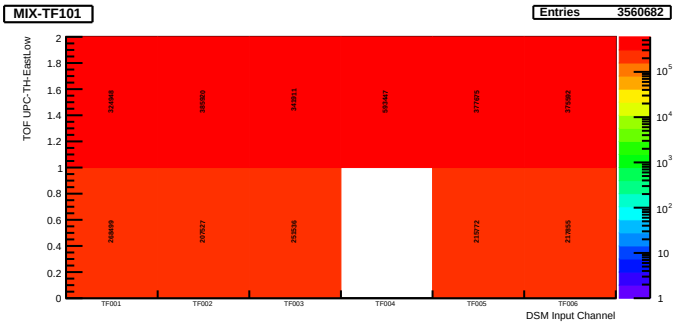

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

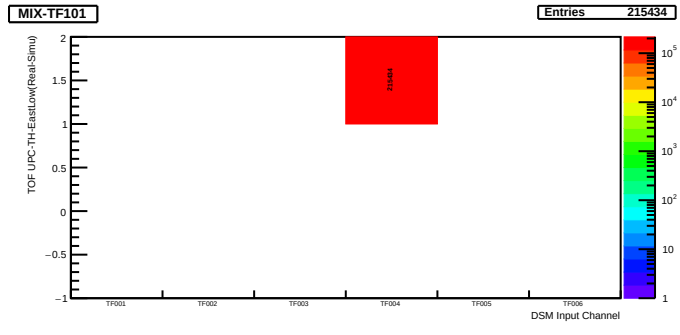

MIX-TF101
Entries 3560682
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

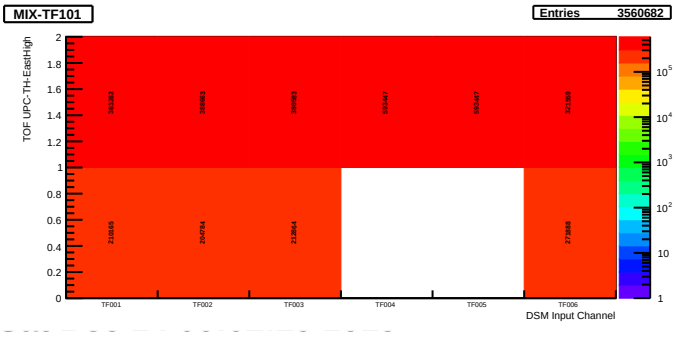

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

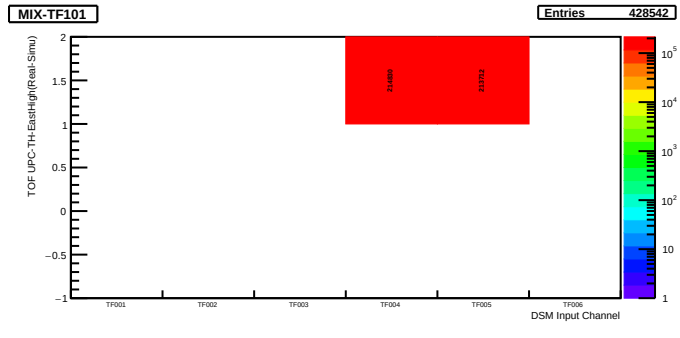

MIX-TF101
Entries 3560682
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

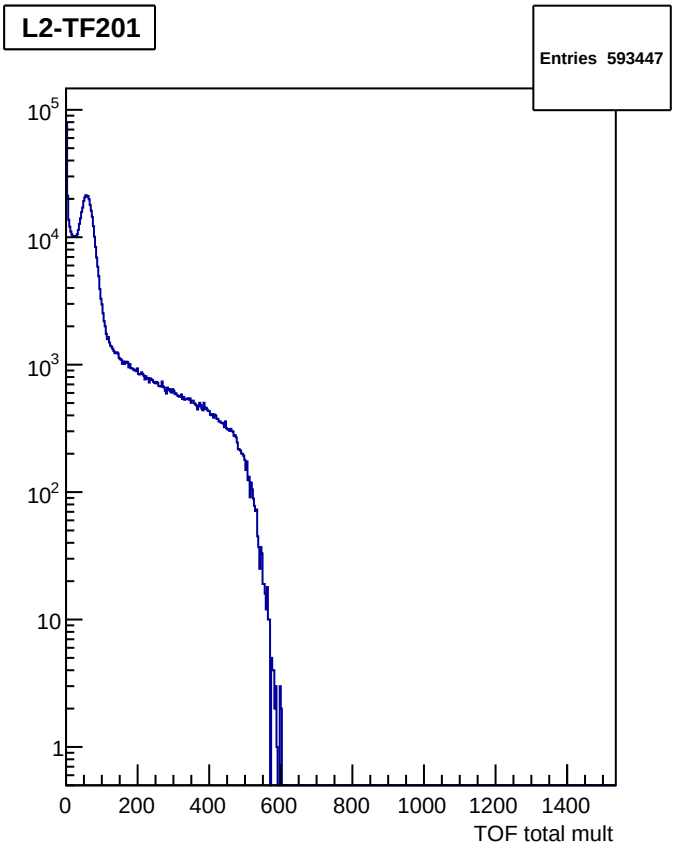

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

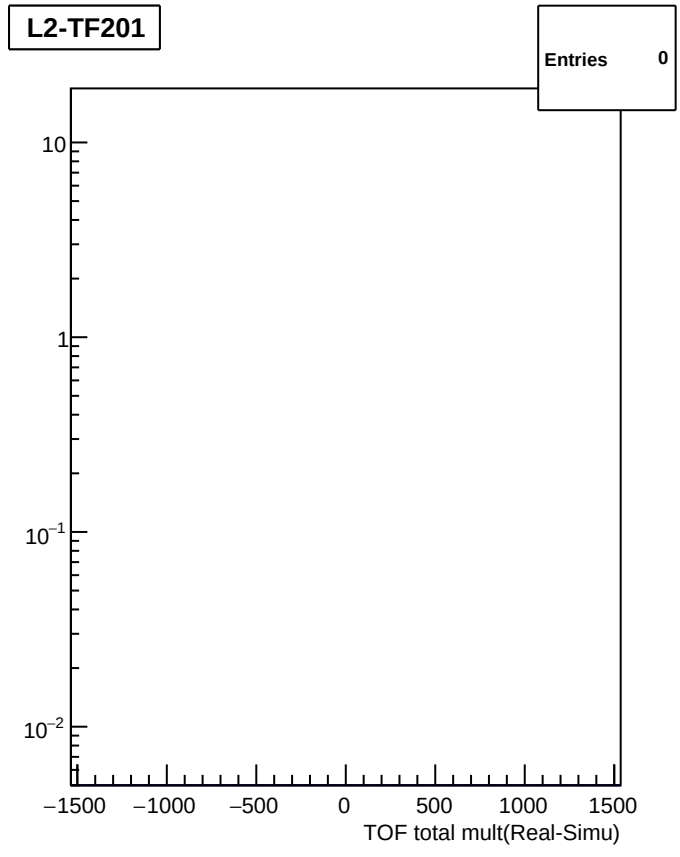

MIX-TF101
Entries 3560682
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

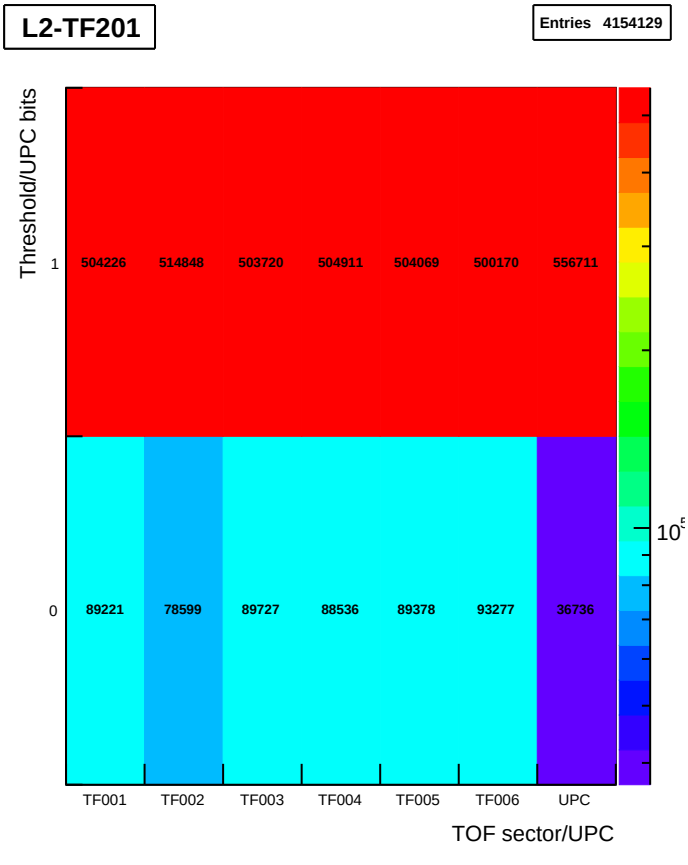

MIX-TF101
Entries 215434
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

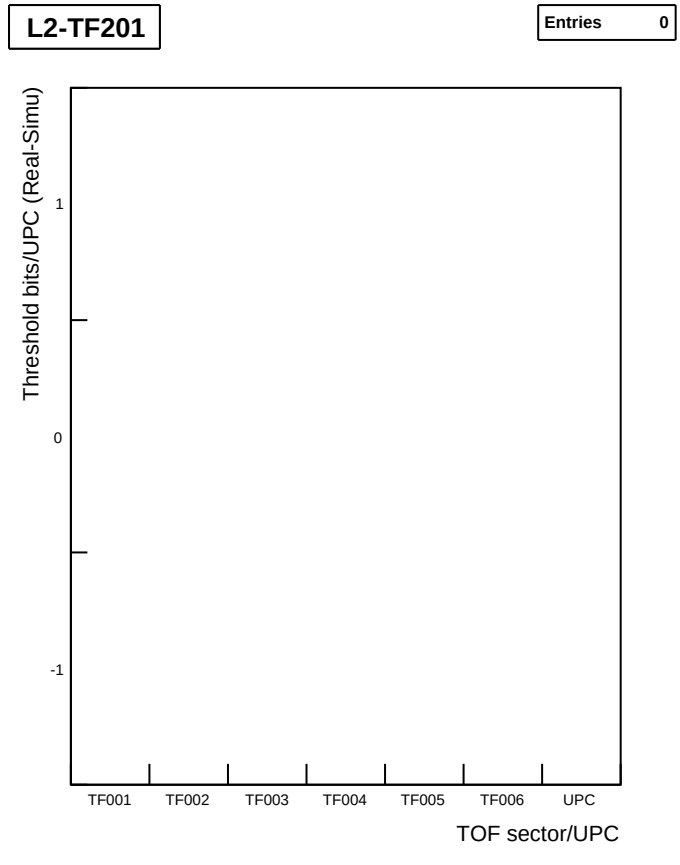

MIX-TF101
Entries 3560682
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

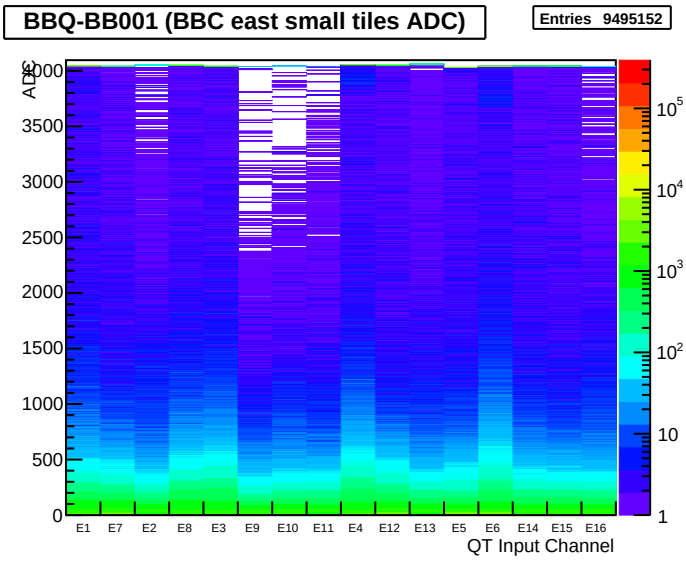

MIX-TF101
Entries 428542
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

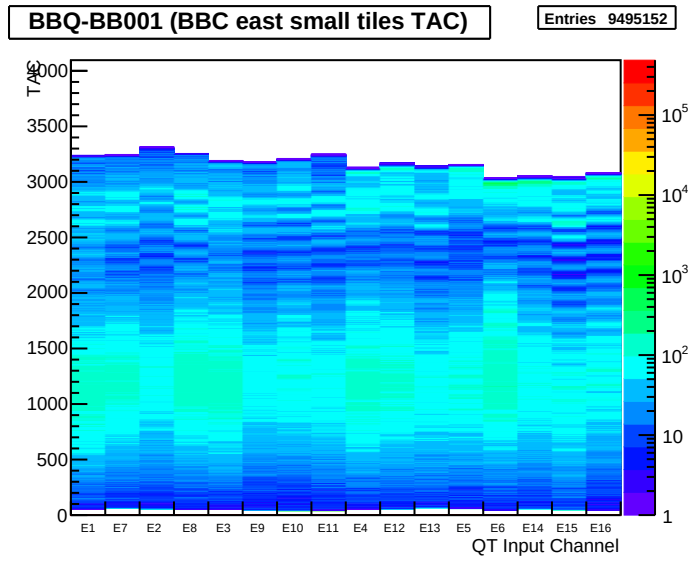

L2-TF201
Entries 593447
TOF total mult

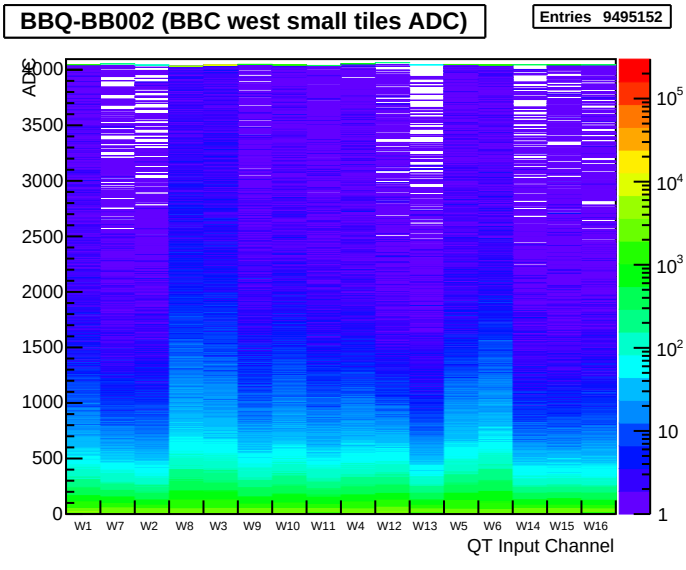

L2-TF201
Entries 0
TOF total mult(Real-Simu)

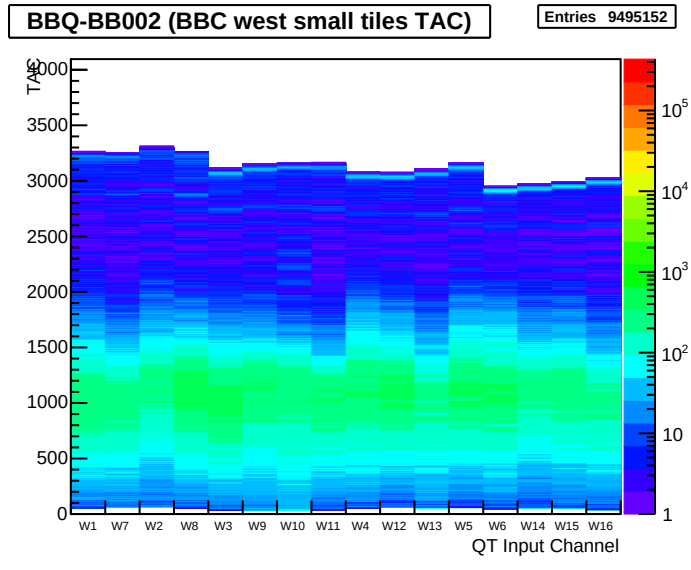

L2-TF201
Entries 4154129
Threshold/UPC bits
504226
514848
503720
504911
504069
500170
556711
89221
78599
89727
88536
89378
93277
36736
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

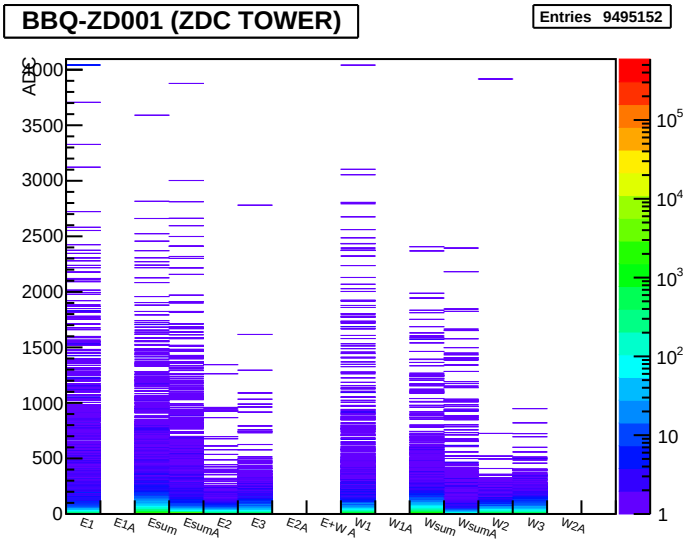

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

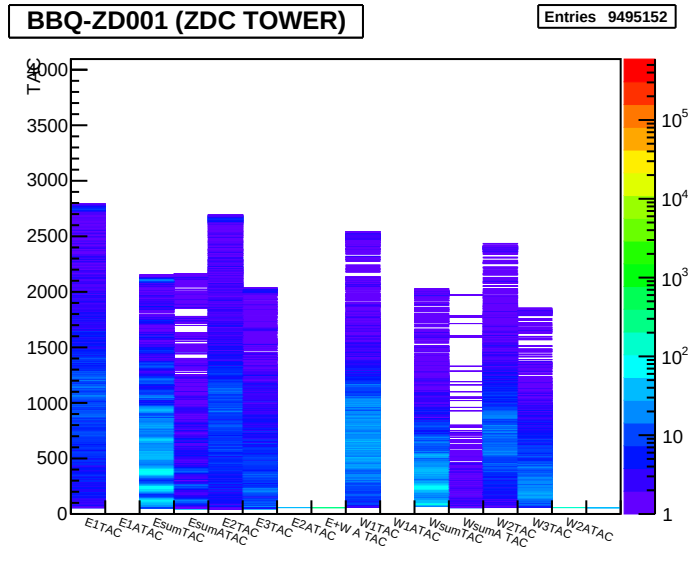

BBQ-BB001 (BBC east small tiles ADC)
Entries 9495152
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

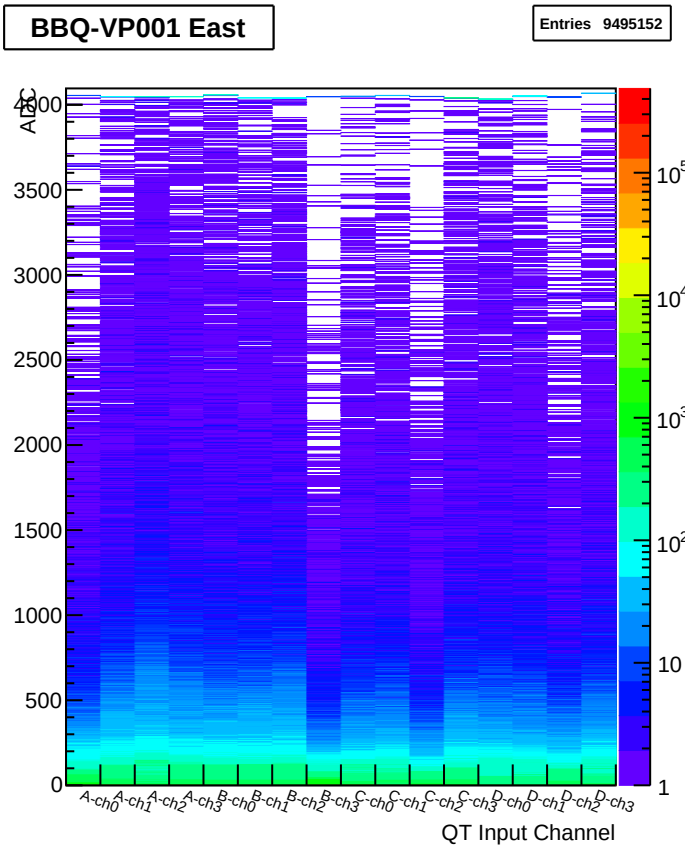

BBQ-BB001 (BBC east small tiles TAC)
Entries 9495152
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

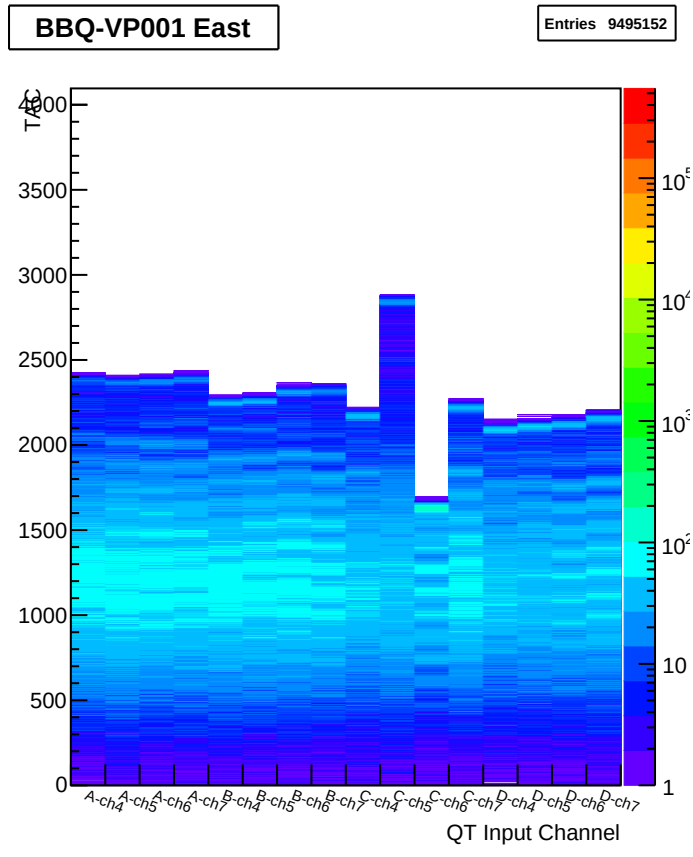

BBQ-BB002 (BBC west small tiles ADC)
Entries 9495152
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

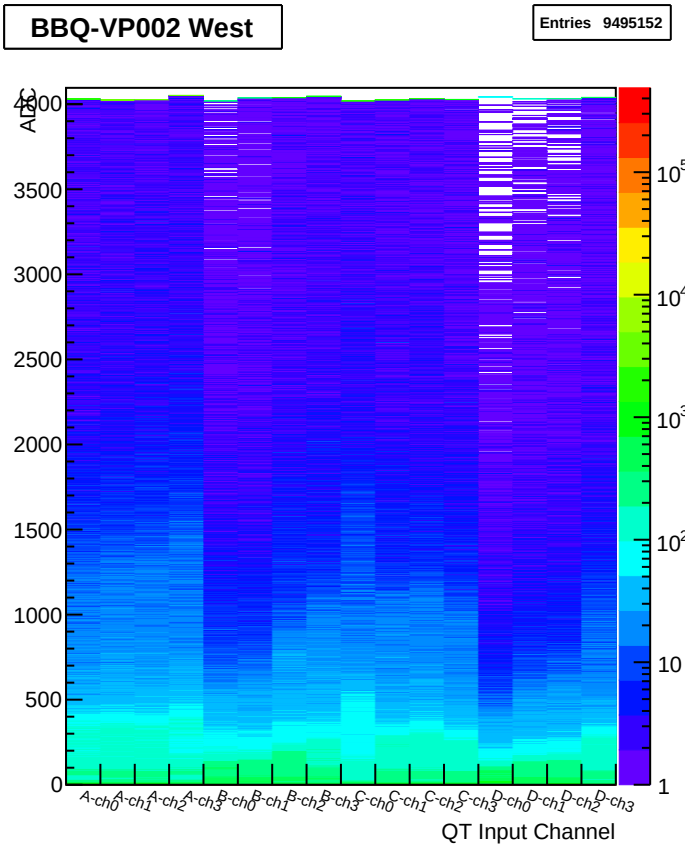

BBQ-BB002 (BBC west small tiles TAC)
Entries 9495152
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

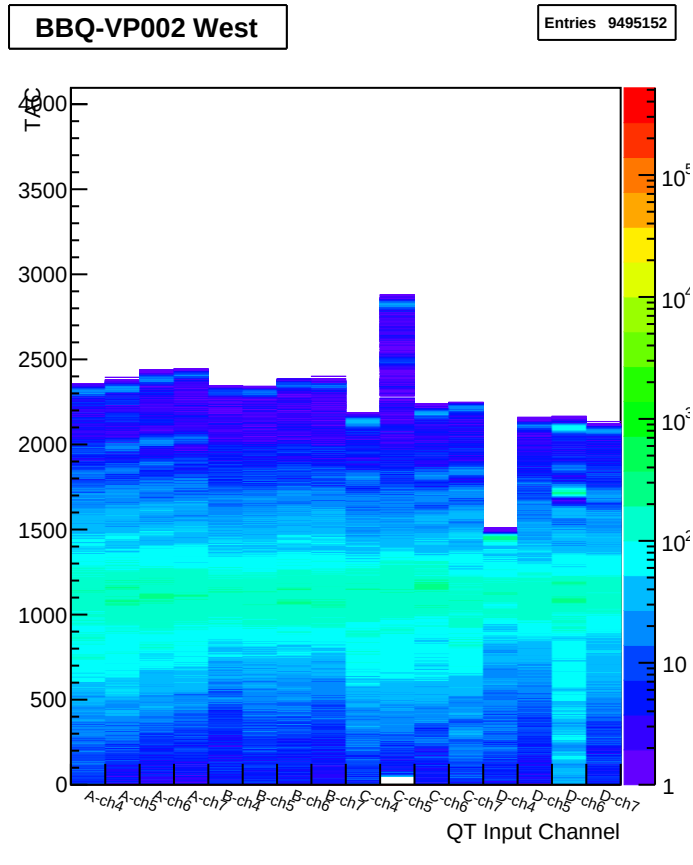

BBQ-ZD001 (ZDC TOWER)
Entries 9495152
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

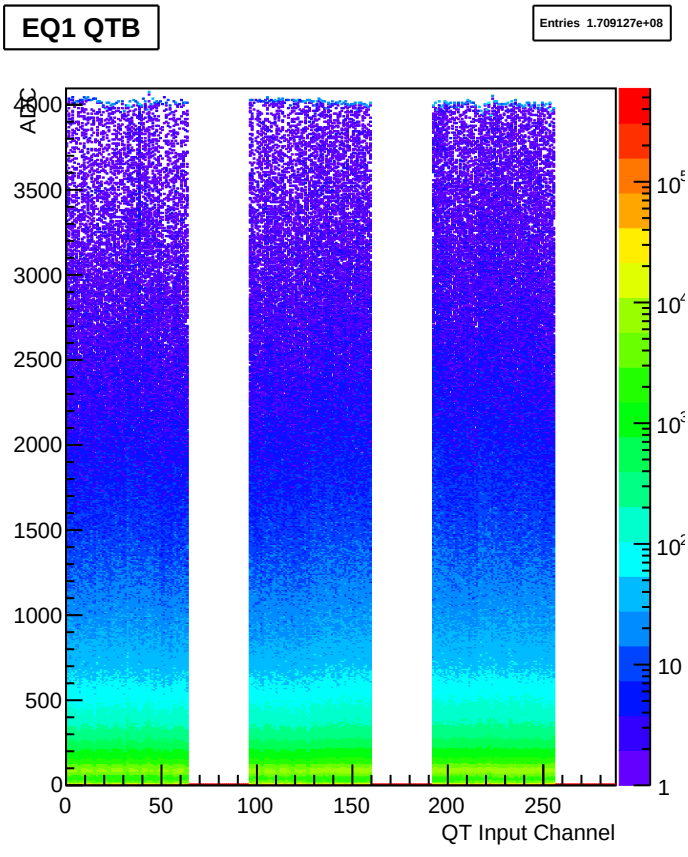

BBQ-ZD001 (ZDC TOWER)
Entries 9495152
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

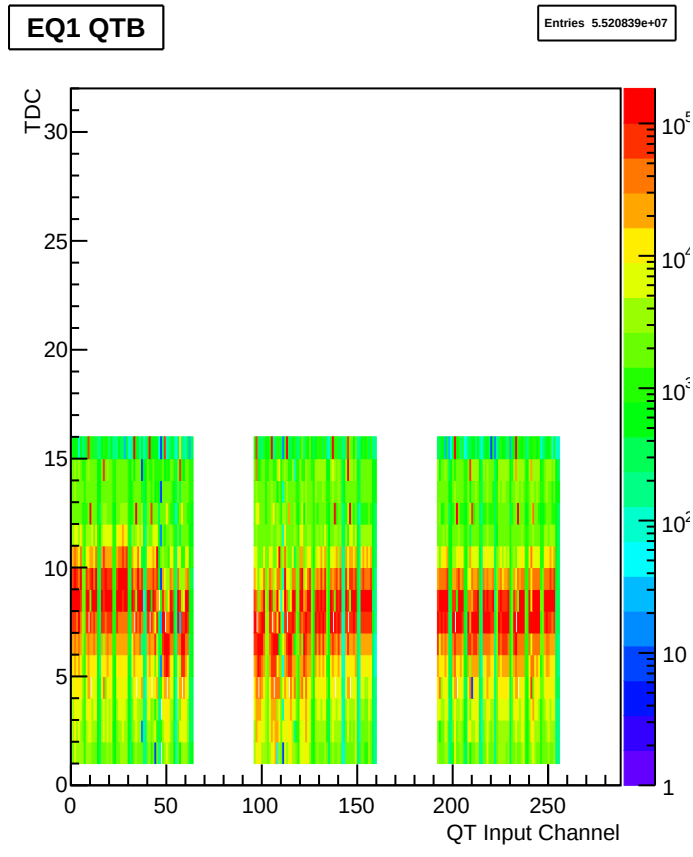

BBQ-VP001 East
Entries 9495152
ADC
QT Input Channel

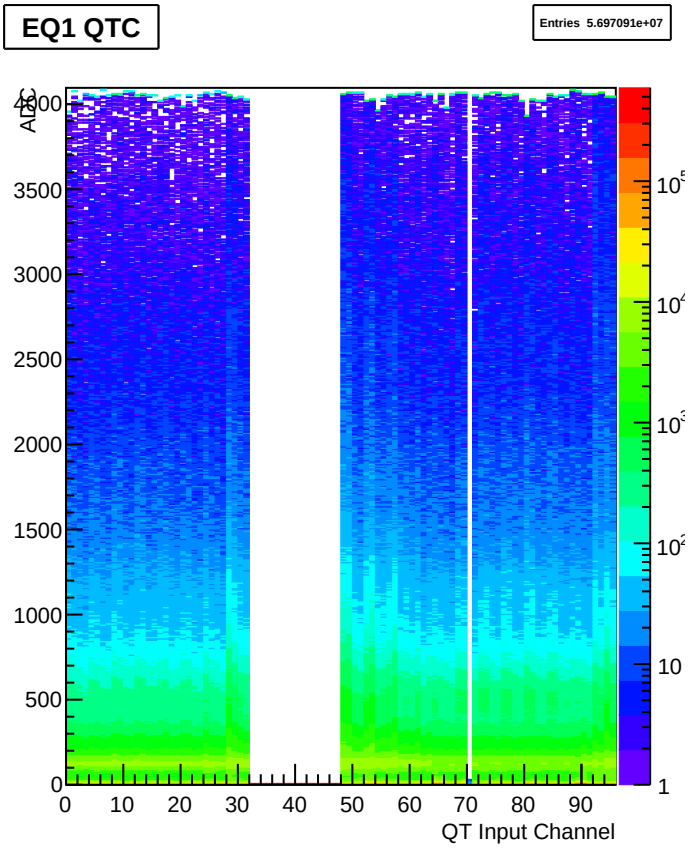

BBQ-VP001 East
Entries 9495152
ADC
QT Input Channel

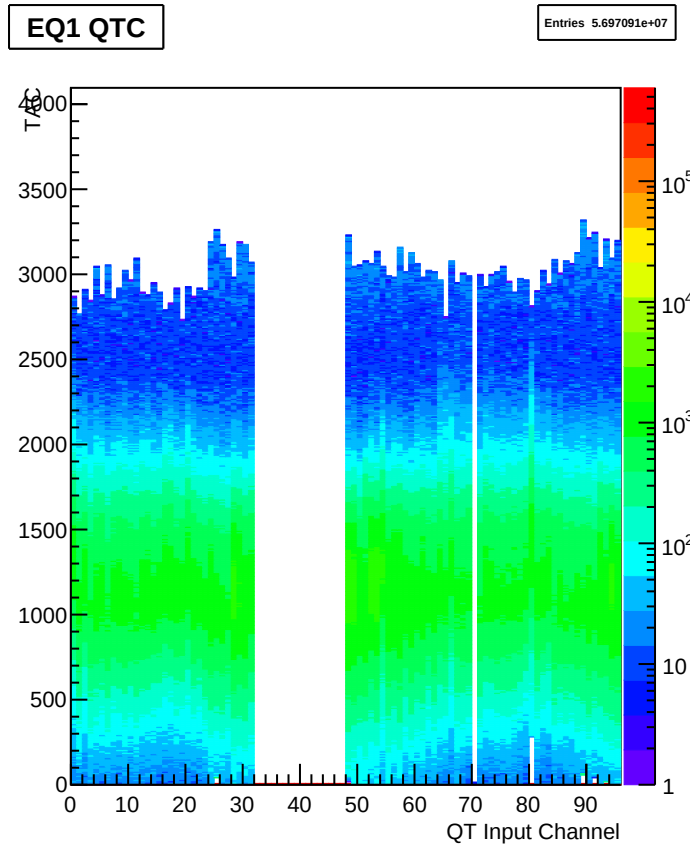

BBQ-VP002 West
Entries 9495152
ADC
QT Input Channel

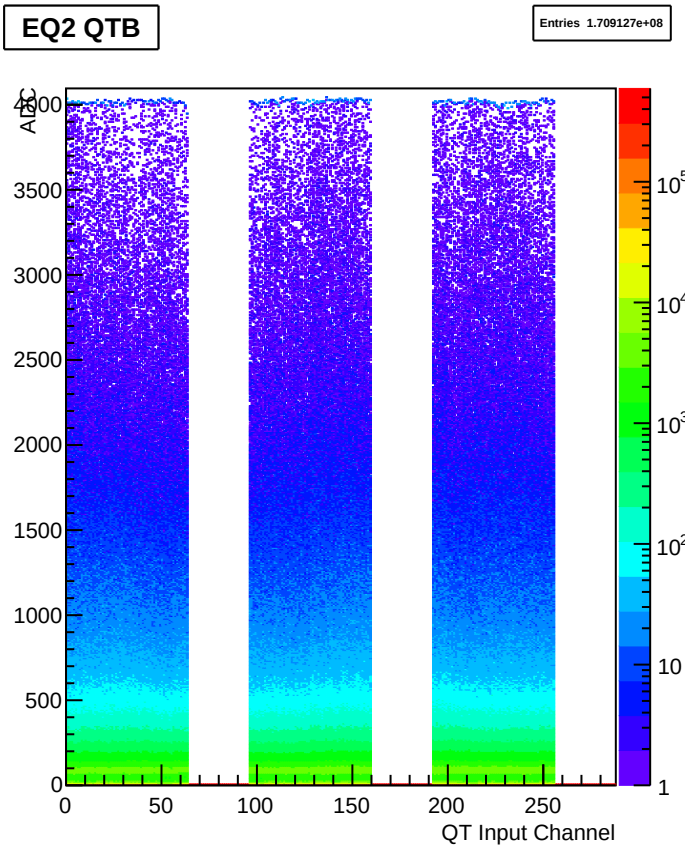

BBQ-VP002 West
Entries 9495152
ADC
QT Input Channel

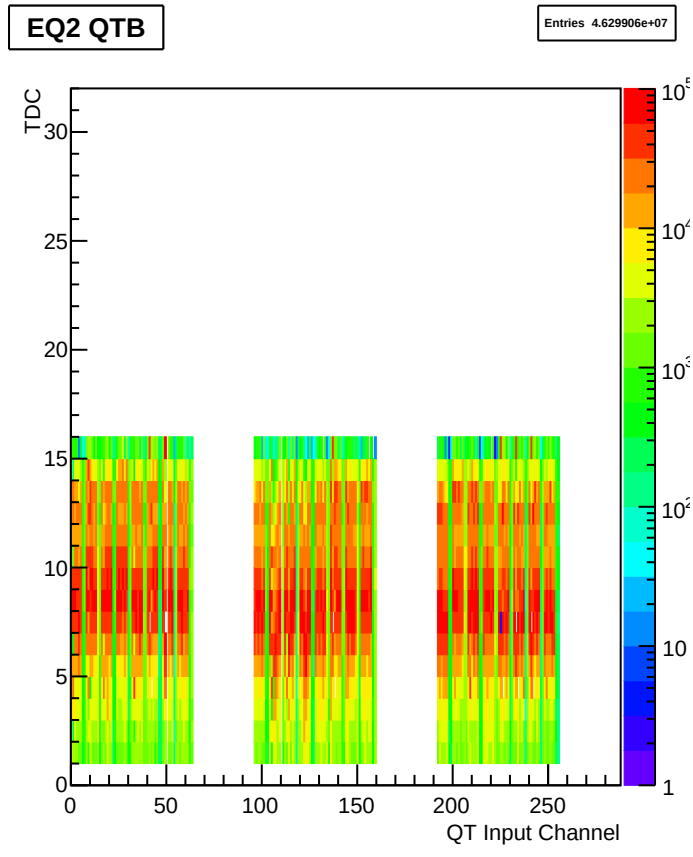

EQ1 QTB
Entries 1.709127e+08
ADC
QT Input Channel

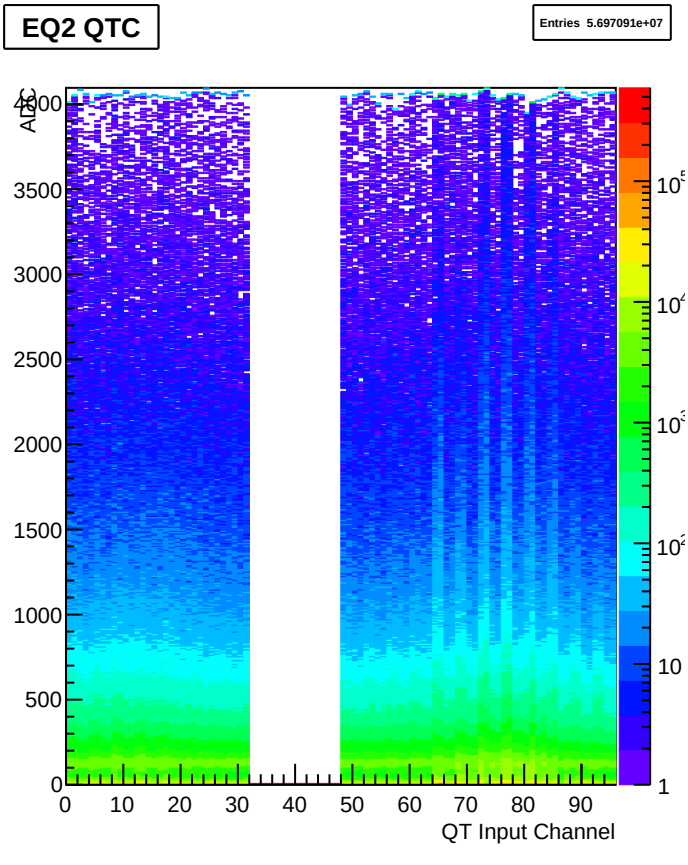

EQ1 QTB
Entries 5.520839e+07
TDC
QT Input Channel

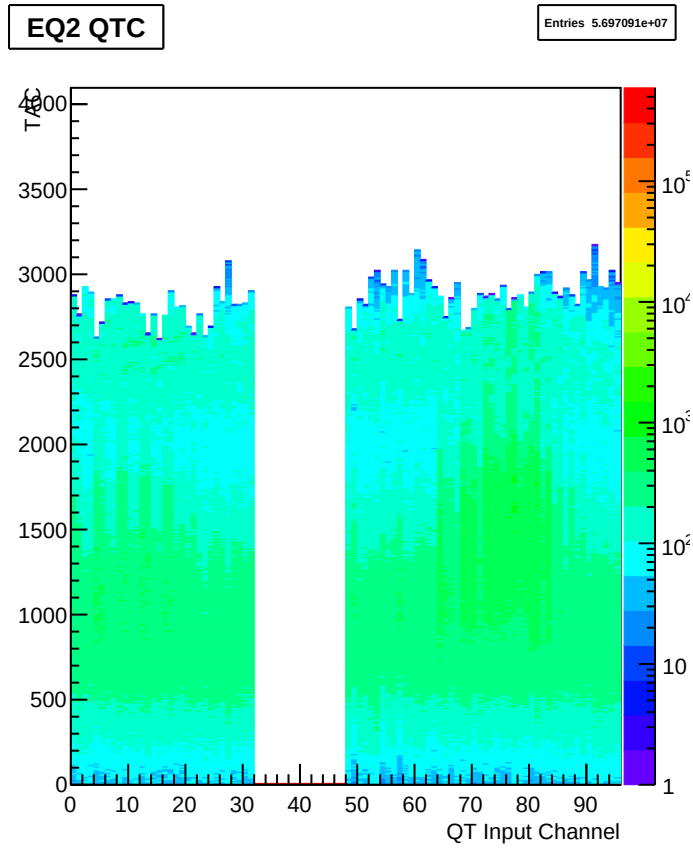

EQ1 QTC
Entries 5.697091e+07
ADC
QT Input Channel

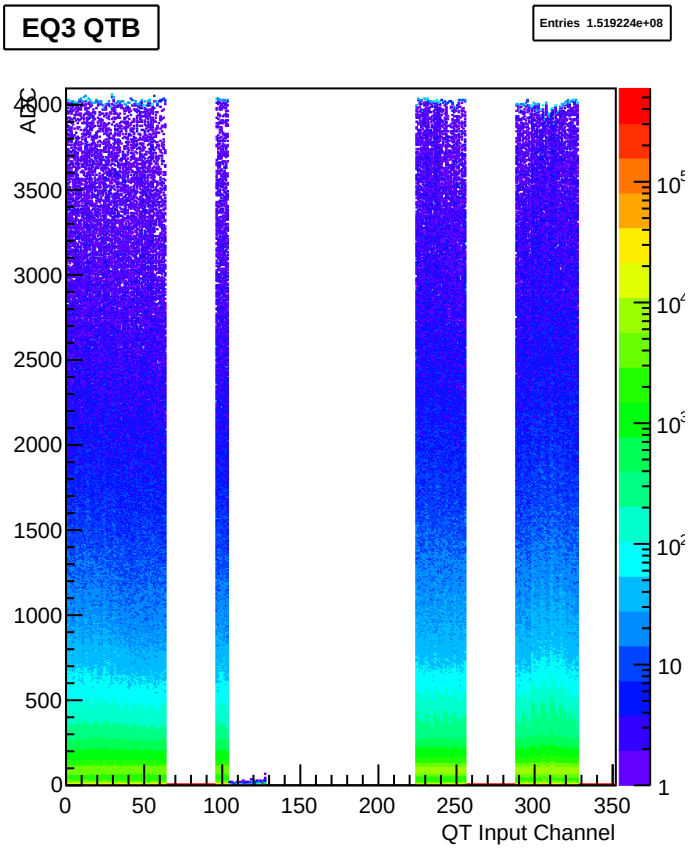

EQ1 QTC
Entries 5.697091e+07
TADC
QT Input Channel

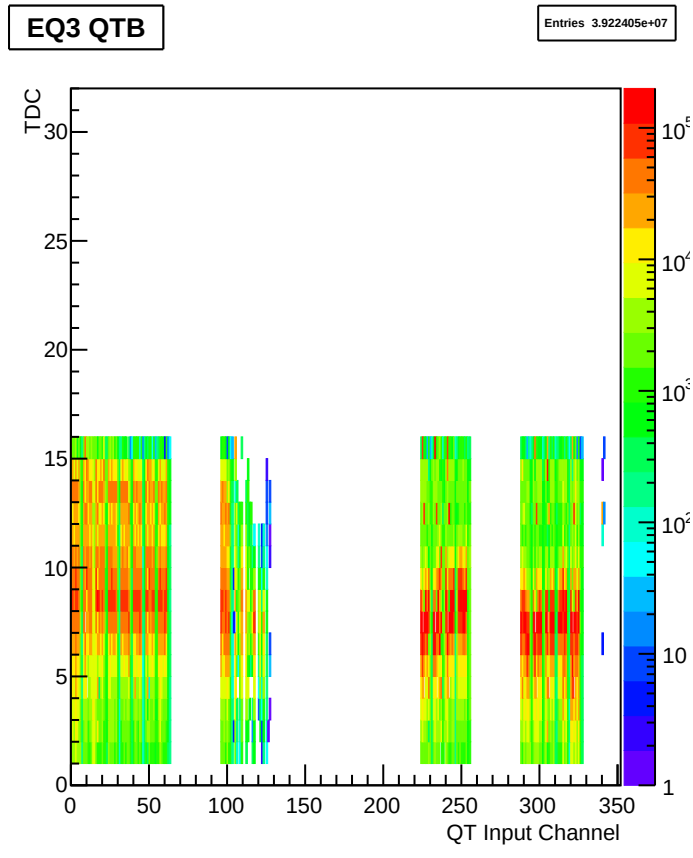

EQ2 QTB
Entries 1.709127e+08
ADC
QT Input Channel

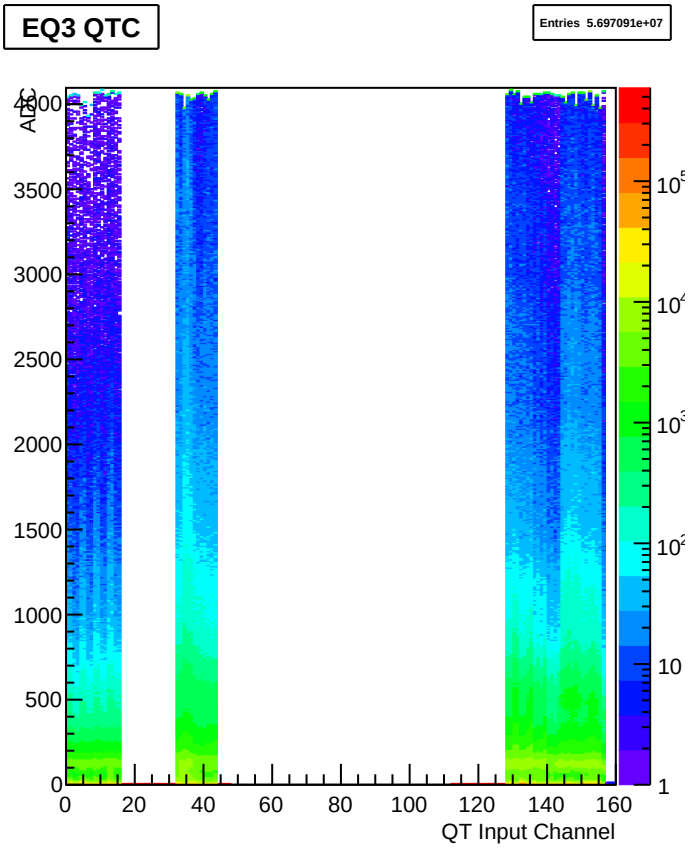

EQ2 QTB
Entries 4.629906e+07
TDC
QT Input Channel

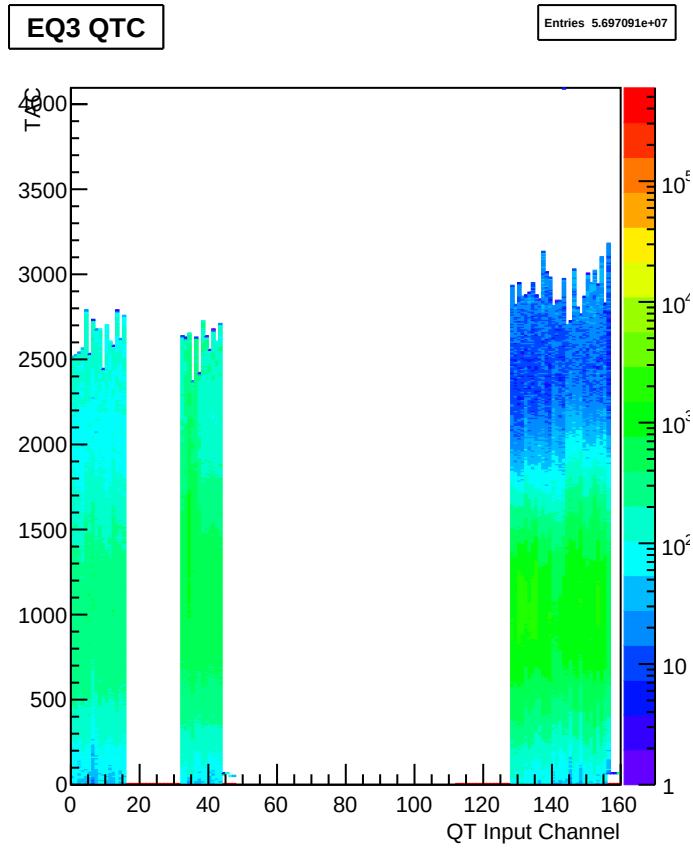

EQ2 QTC
Entries 5.697091e+07
ADC
QT Input Channel

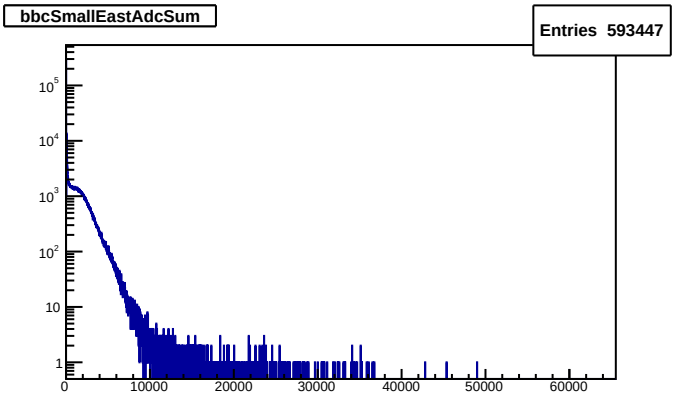

EQ2 QTC
Entries 5.697091e+07
TADC
QT Input Channel

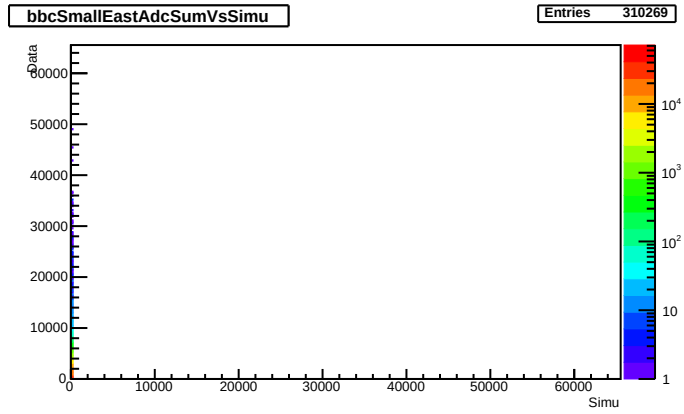

EQ3 QTB
Entries 1.519224e+08
ADC
QT Input Channel

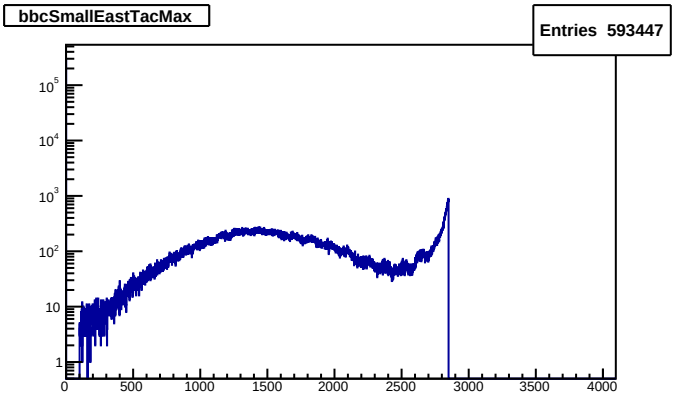

EQ3 QTB
Entries 3.922405e+07
TDC
QT Input Channel

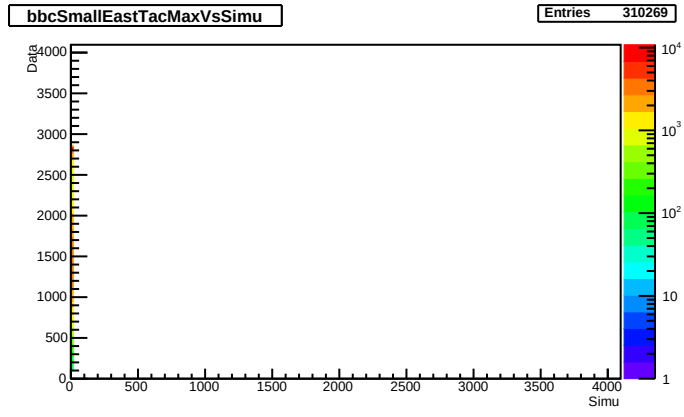

EQ3 QTC
Entries 5.697091e+07
ADC
QT Input Channel

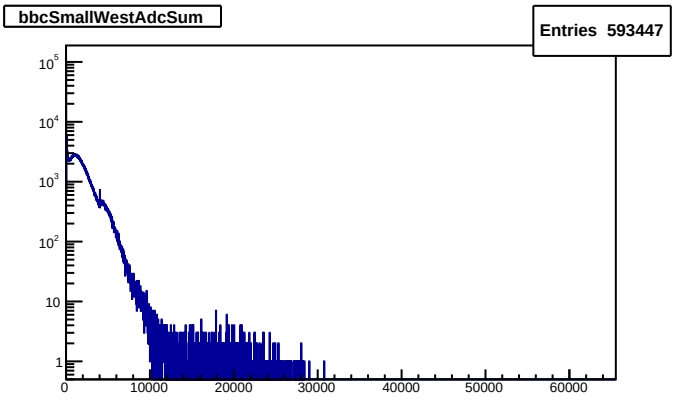

EQ3 QTC
Entries 5.697091e+07
TADC
QT Input Channel

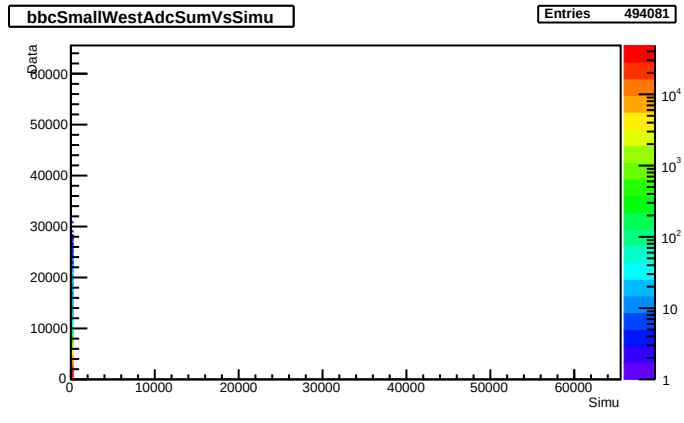

bbcSmallEastAdcSum
Entries 593447

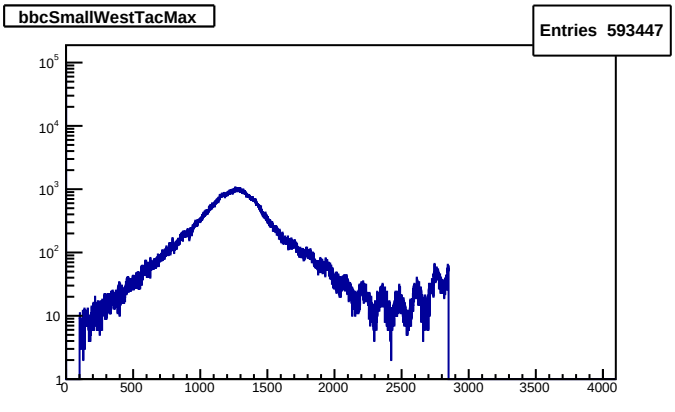

bbcSmallEastAdcSumVsSimu
Entries 310269
Data
Simu

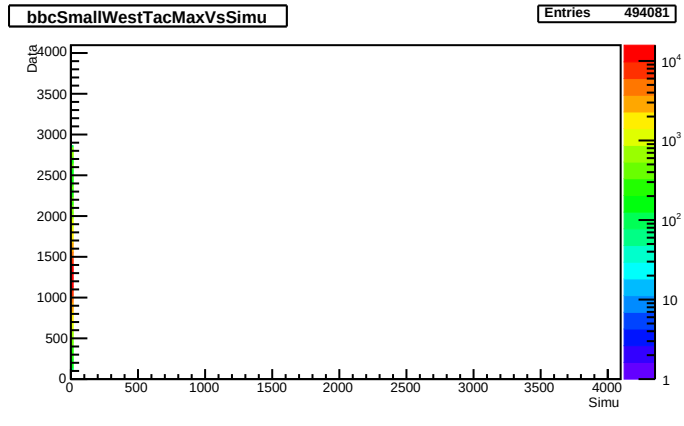

bbcSmallEastTacMax
Entries 593447

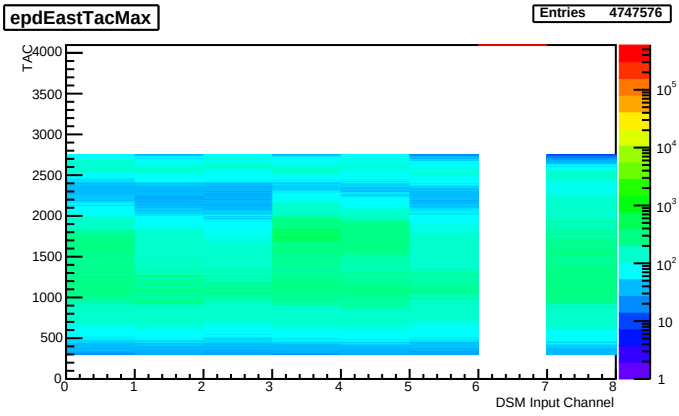

bbcSmallEastTacMaxVsSimu
Entries 310269
Data
Simu

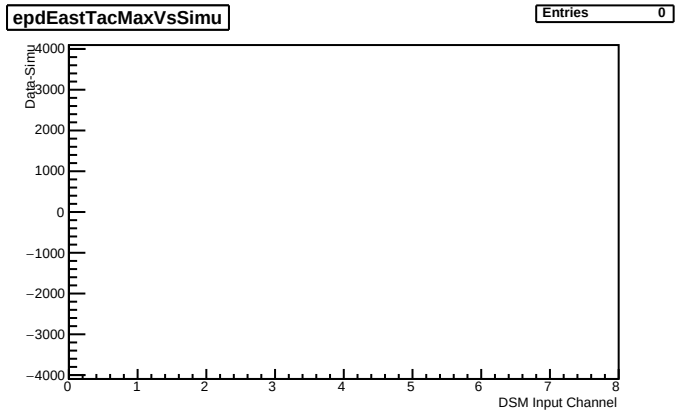

bbcSmallWestAdcSum
Entries 593447

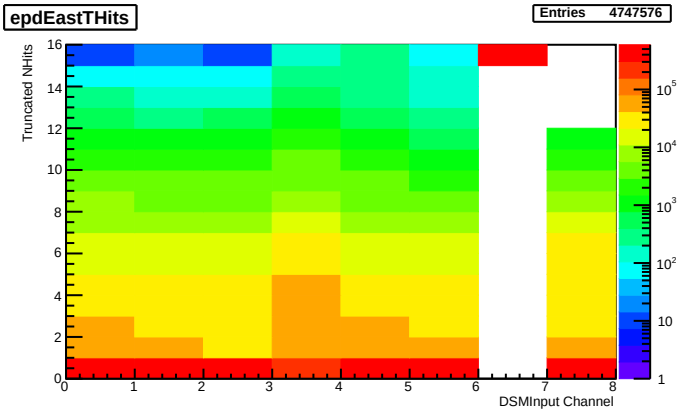

bbcSmallWestAdcSumVsSimu
Entries 494081
Data
Simu

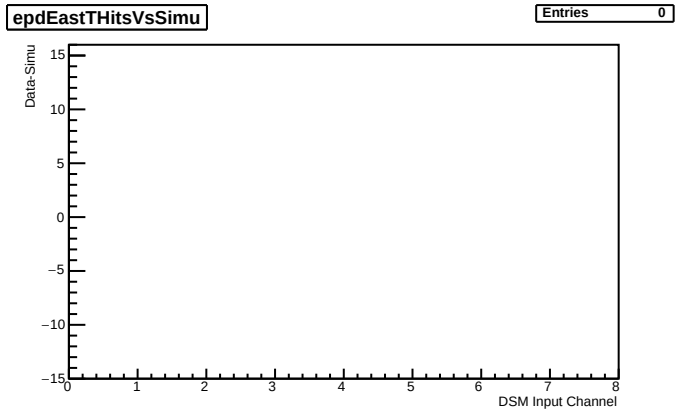

bbcSmallWestTacMax
Entries 593447

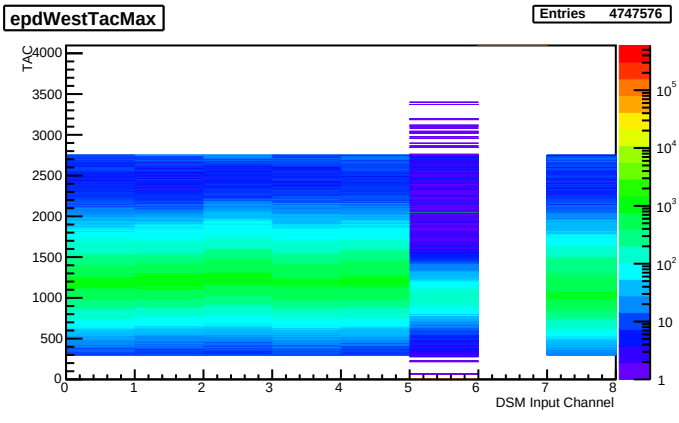

bbcSmallWestTacMaxVsSimu
Entries 494081
Data
Simu

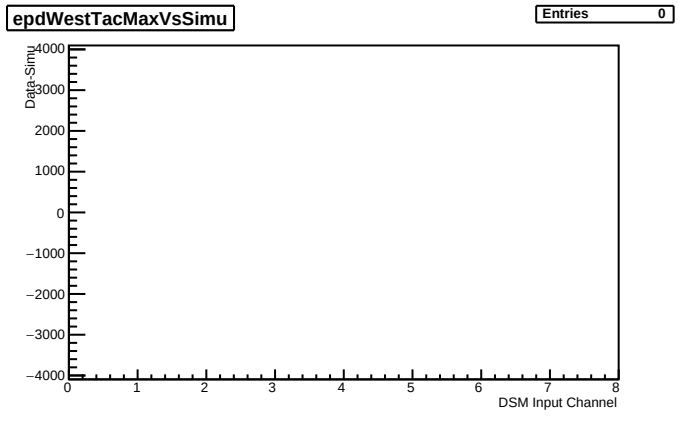

epdEastTacMax
Entries 4747576
TAC
DSM Input Channel

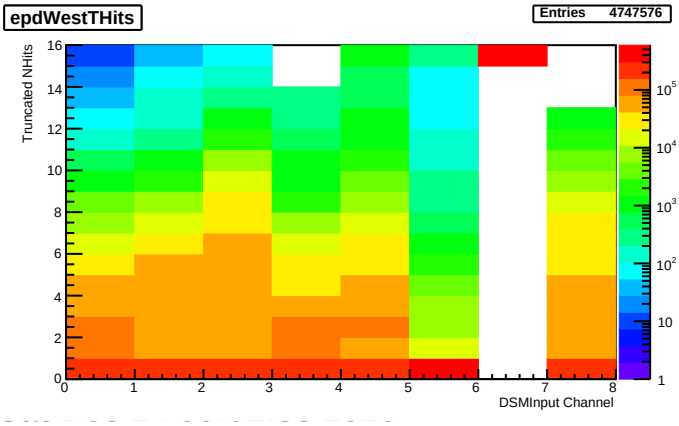

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

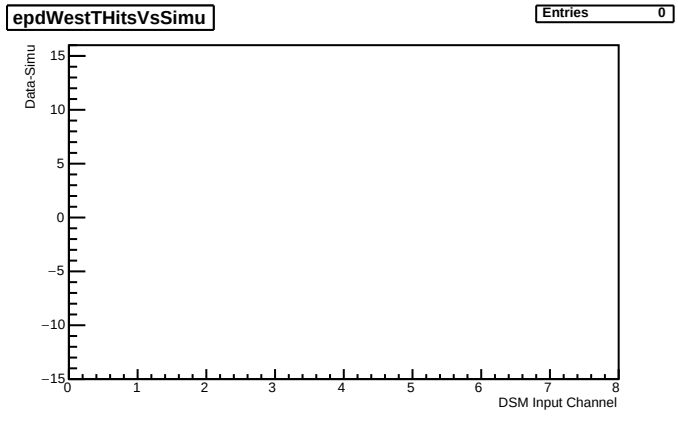

epdEastTHits
Entries 4747576
Truncated NHits
DSMInput Channel

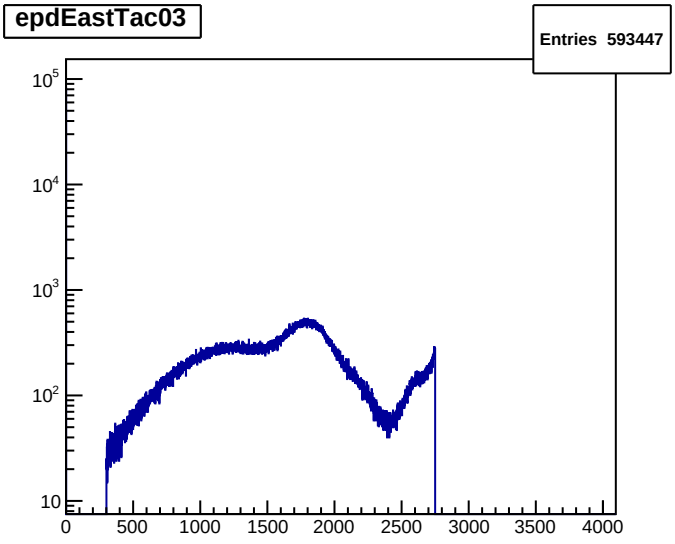

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

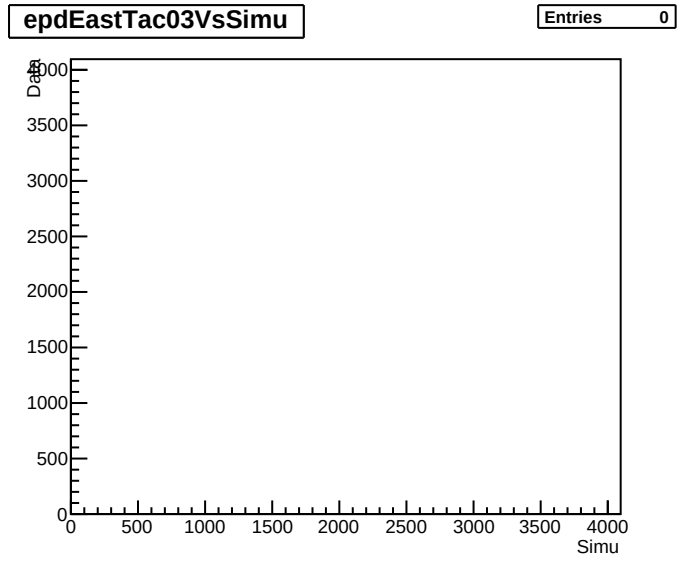

epdWestTacMax
Entries 4747576
TAC
DSM Input Channel

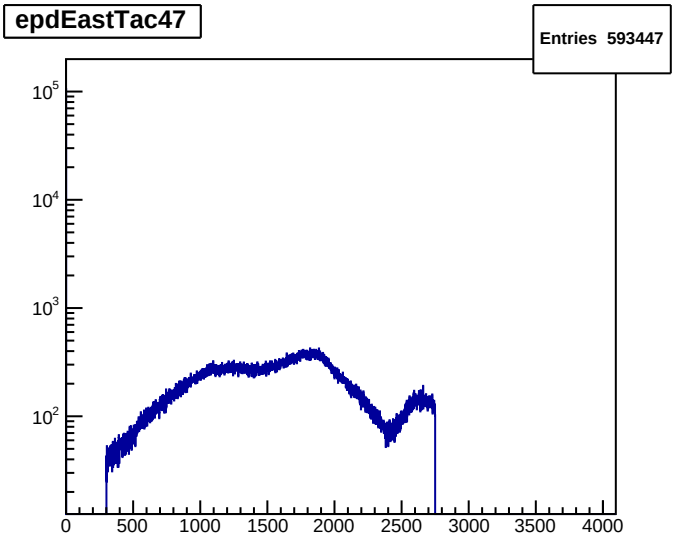

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

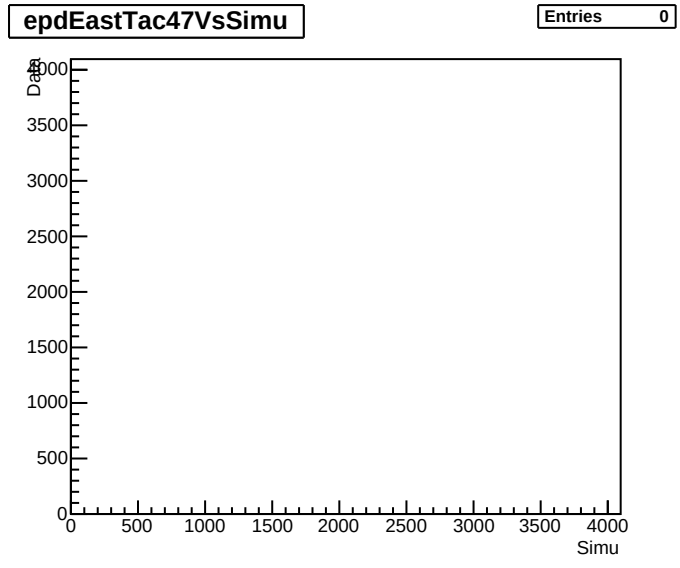

epdWestTHits
Entries 4747576
Truncated NHits
DSMInput Channel

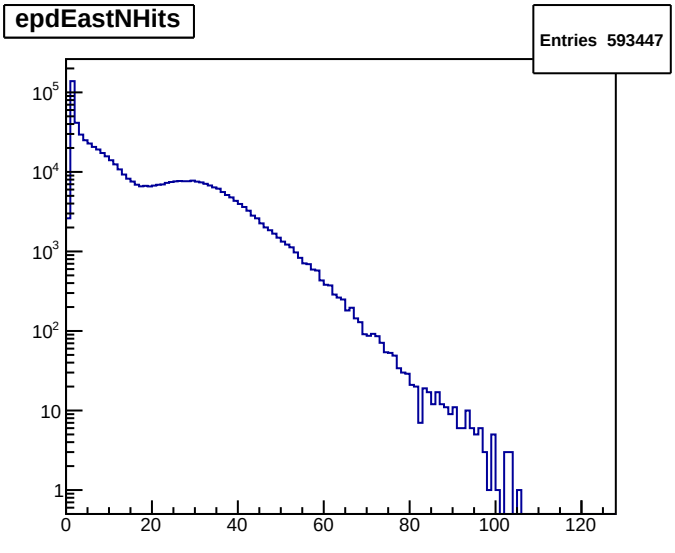

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

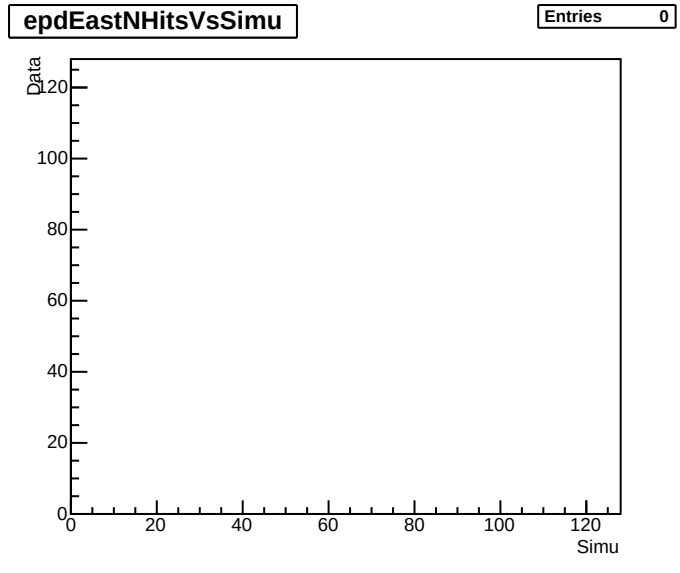

epdEastTac03
Entries 593447

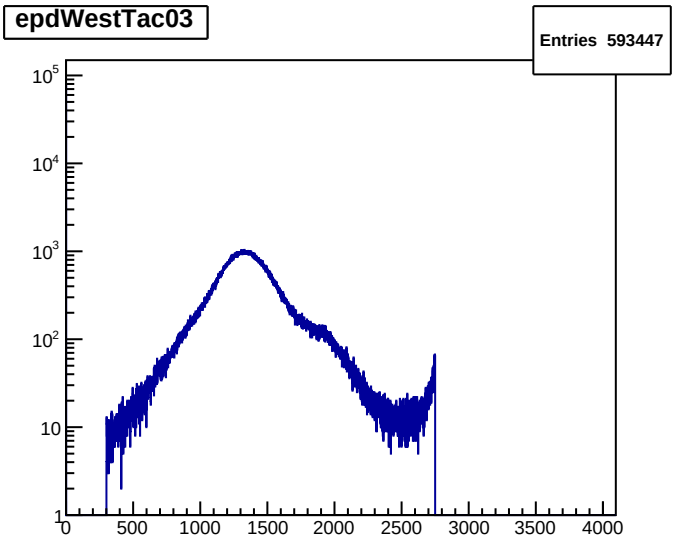

epdEastTac03VsSimu
Entries 0
Data
Simu

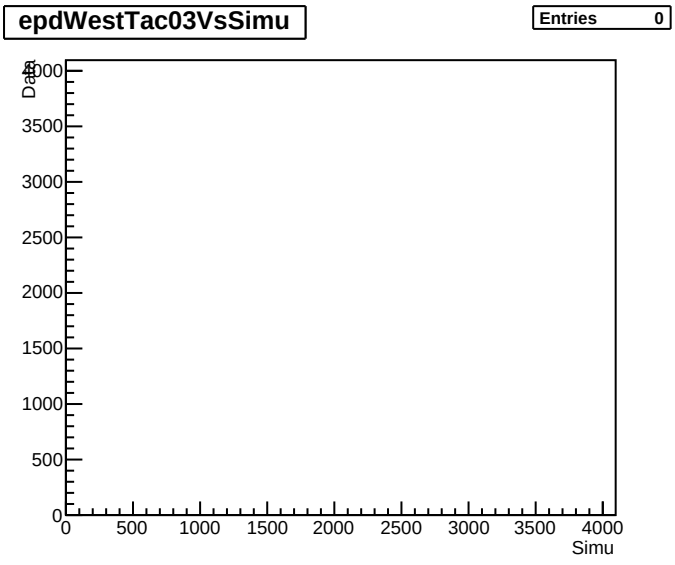

epdEastTac47
Entries 593447

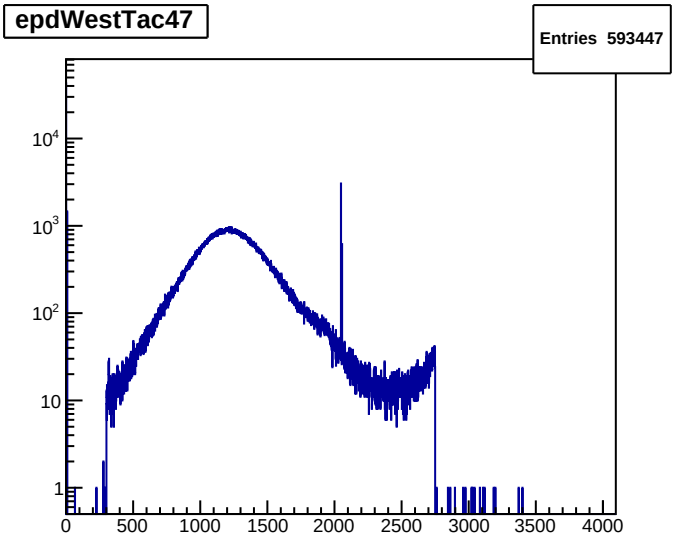

epdEastTac47VsSimu
Entries 0
Data
Simu

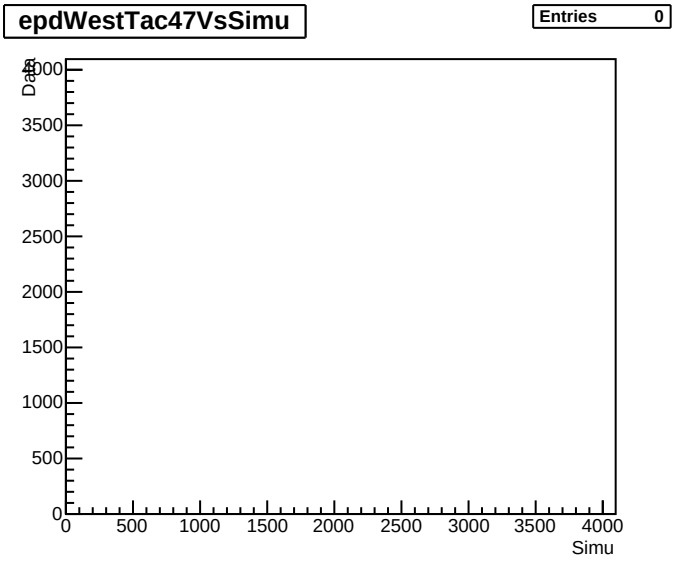

epdEastNHits
Entries 593447

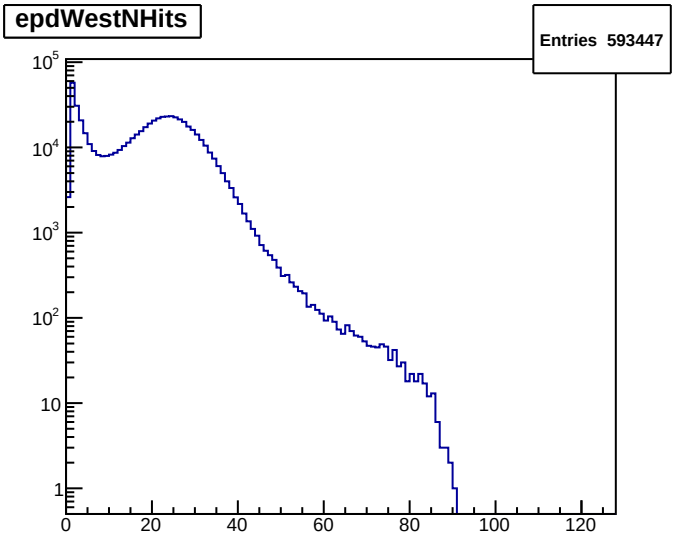

epdEastNHitsVsSimu
Entries 0
Data
Simu

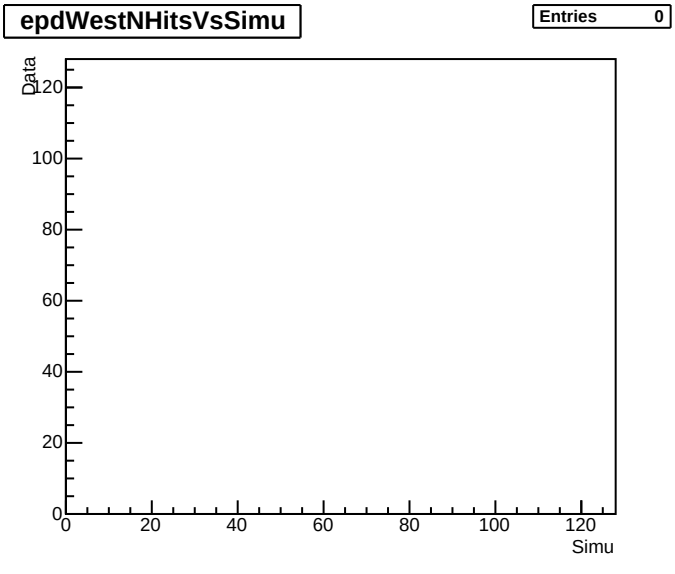

epdWestTac03
Entries 593447

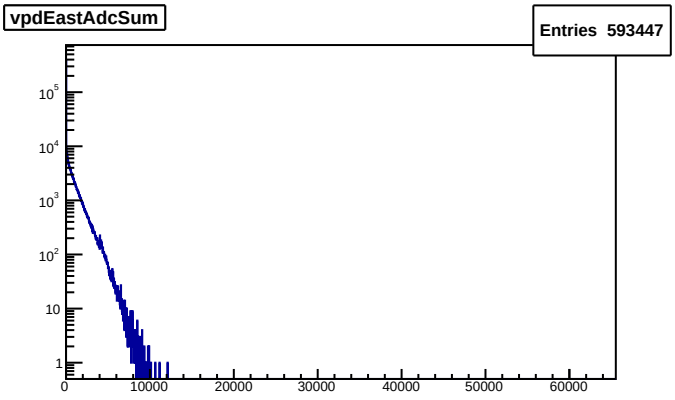

epdWestTac03VsSimu
Entries 0
Data
Simu

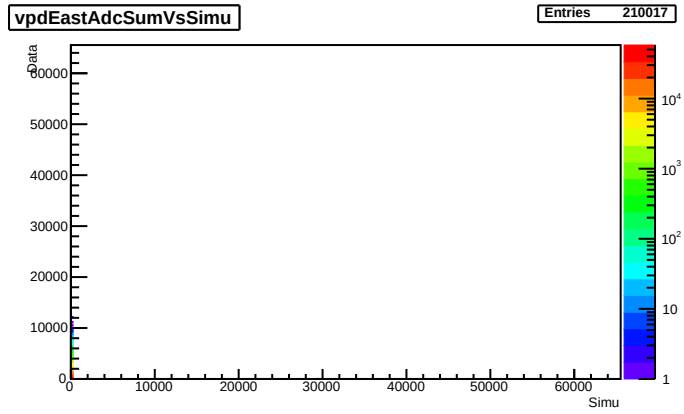

epdWestTac47
Entries 593447

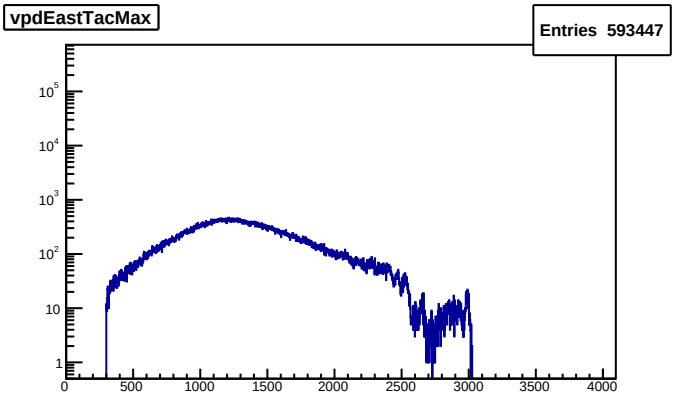

epdWestTac47VsSimu
Entries 0
Data
Simu

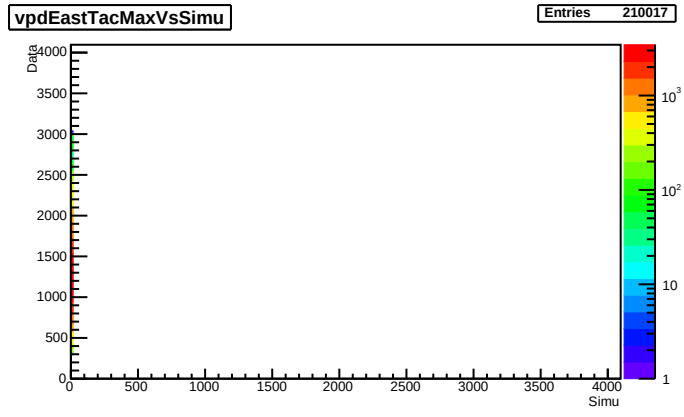

epdWestNHits
Entries 593447

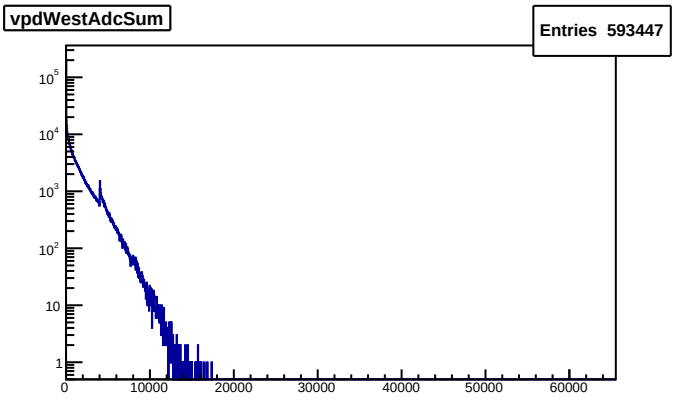

epdWestNHitsVsSimu
Entries 0
Data
Simu

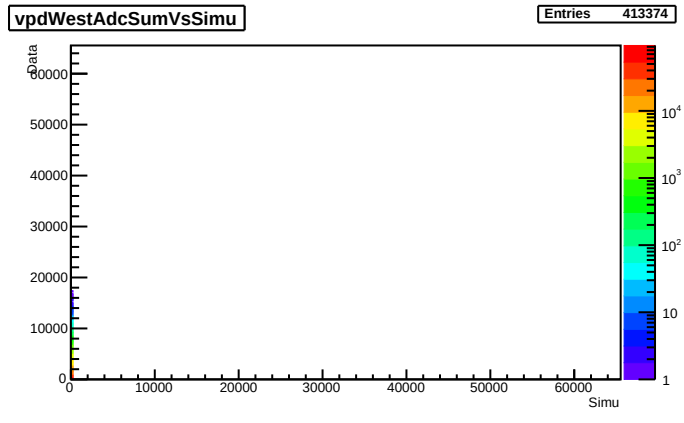

vpdEastAdcSum
Entries 593447

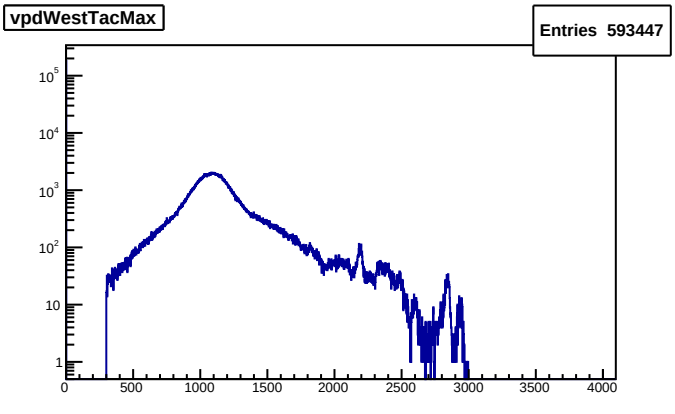

vpdEastAdcSumVsSimu
Entries 210017
Data
Simu

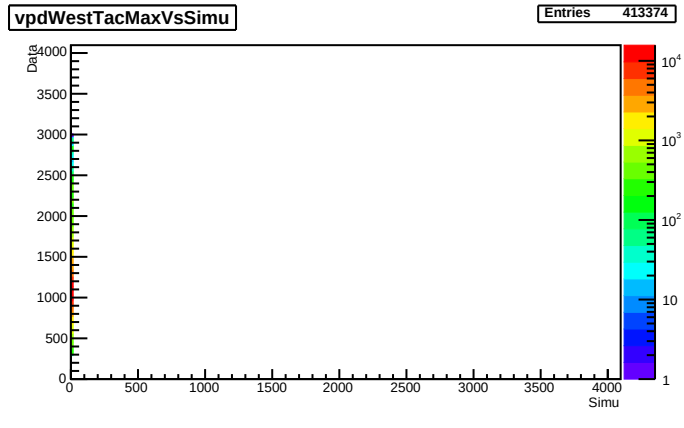

vpdEastTacMax
Entries 593447

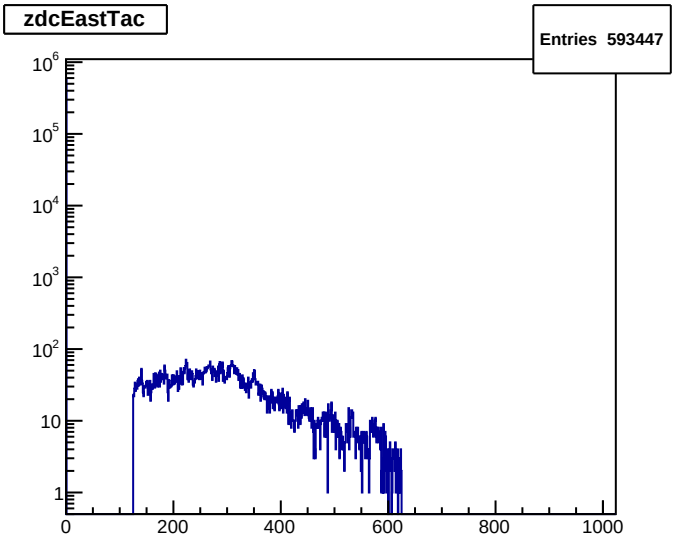

vpdEastTacMaxVsSimu
Entries 210017
Data
Simu

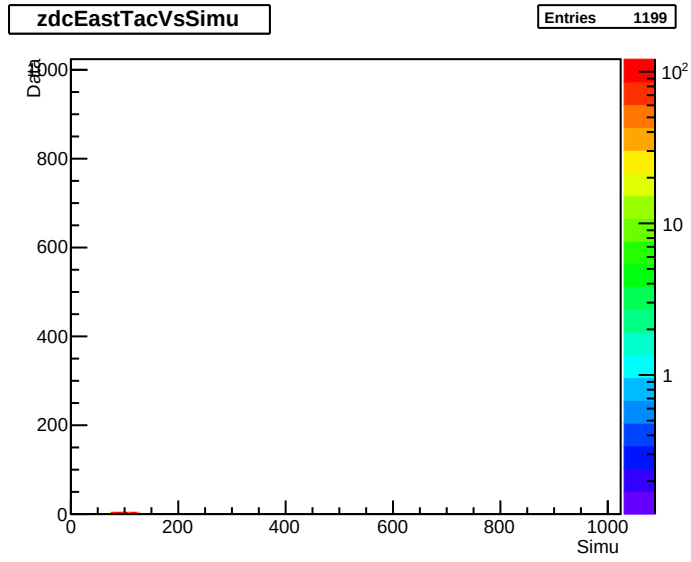

vpdWestAdcSum
Entries 593447

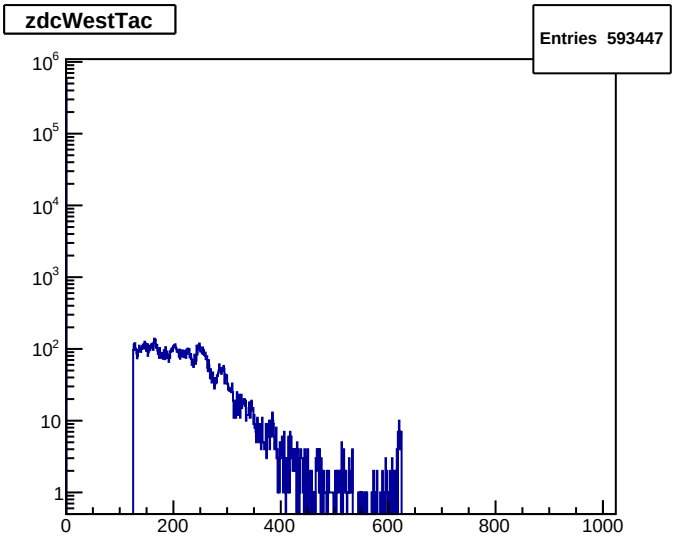

vpdWestAdcSumVsSimu
Entries 413374
Data
Simu

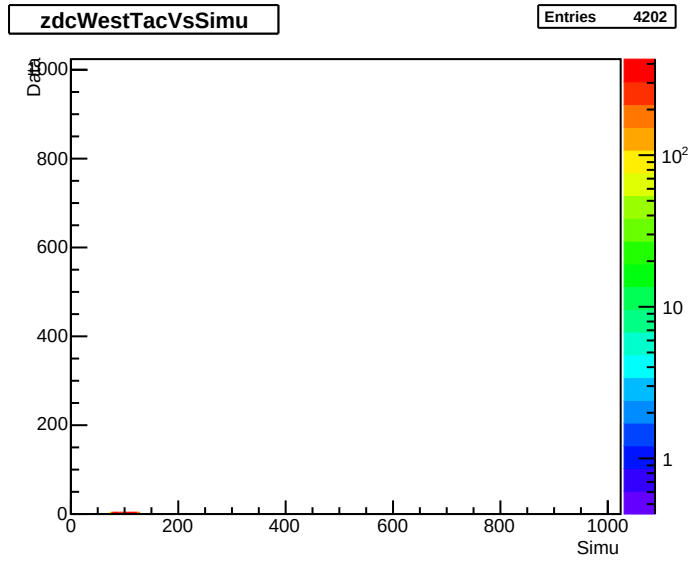

vpdWestTacMax
Entries 593447

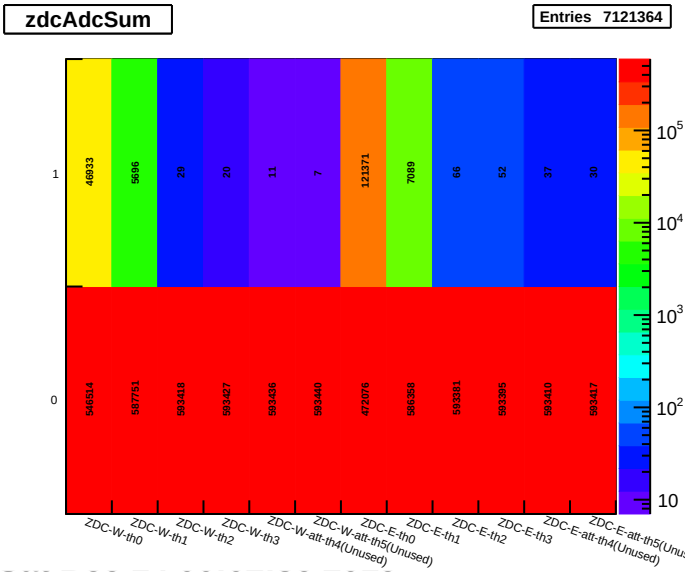

vpdWestTacMaxVsSimu
Entries 413374
Data
Simu

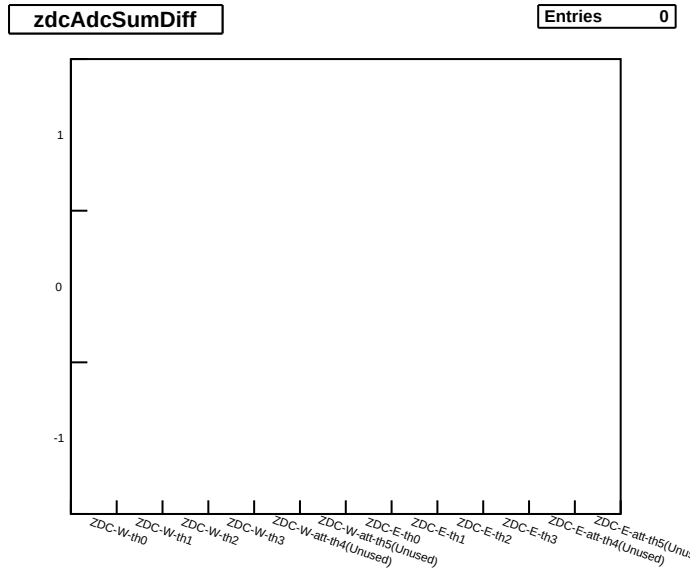

zdcEastTac
Entries 593447

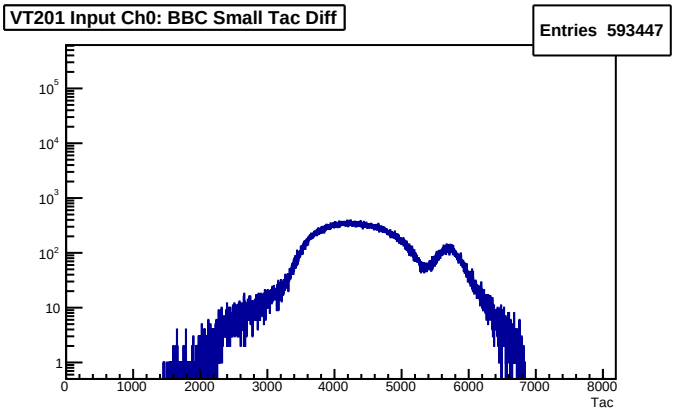

zdcEastTacVsSimu
Entries 1199
Data
Simu

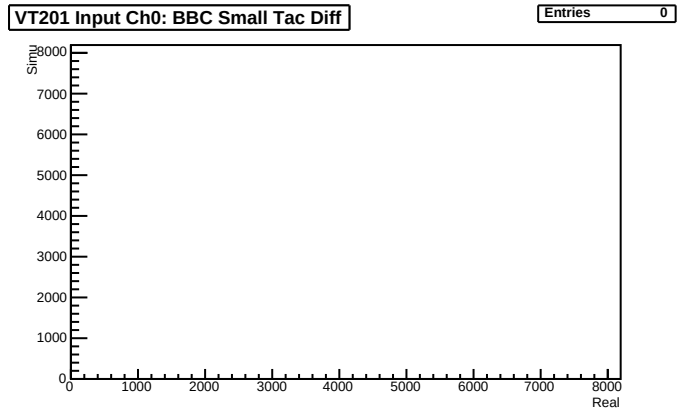

zdcWestTac
Entries 593447

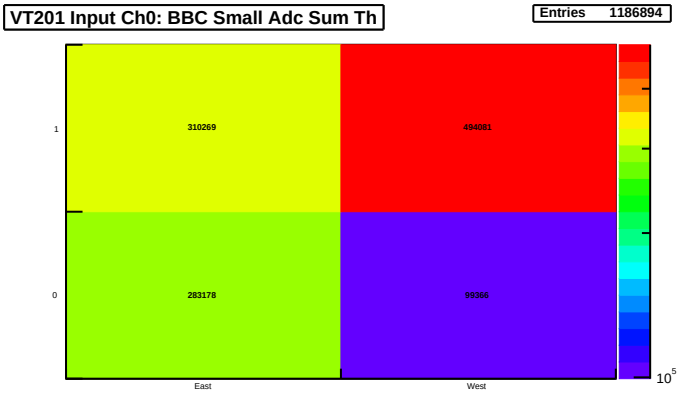

zdcWestTacVsSimu
Entries 4202
Data
Simu

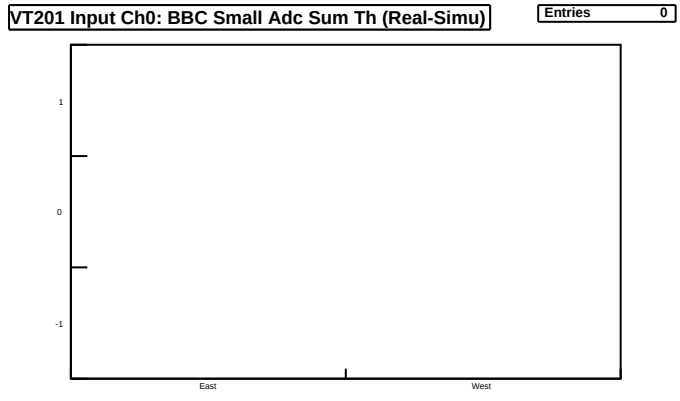

zdcAdcSum
Entries 7121364
46933
5696
29
20
11
7
121371
7089
66
52
37
30
546514
587751
593418
593427
593436
593440
472076
586386
593381
593395
593410
593417
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

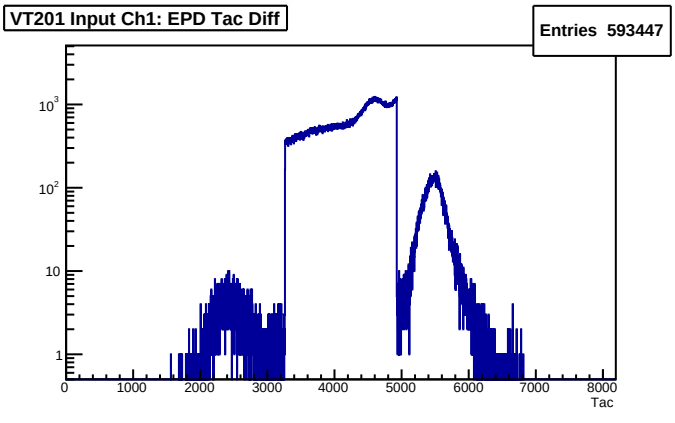

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

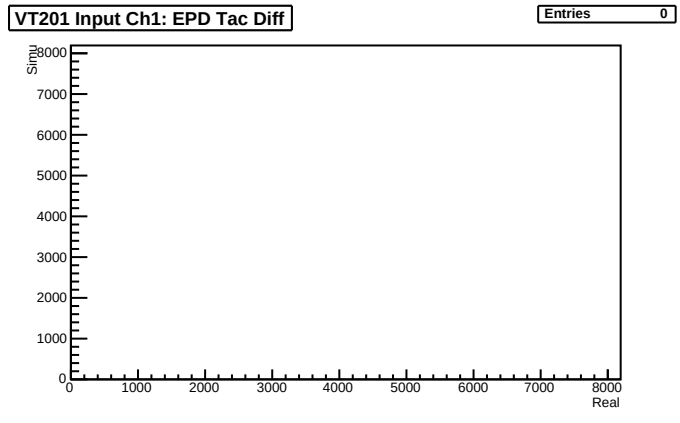

VT201 Input Ch0: BBC Small Tac Diff
Entries 593447
Tac

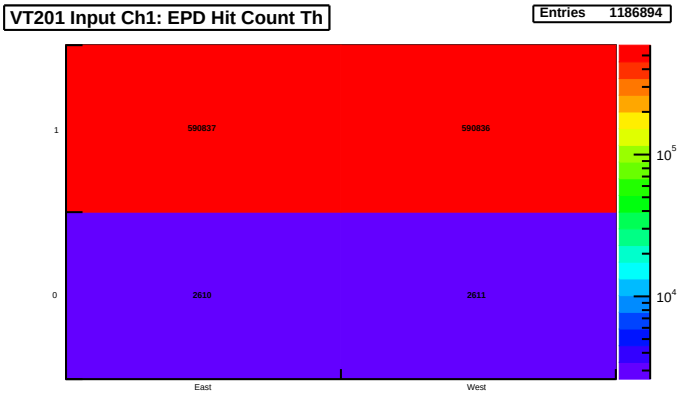

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

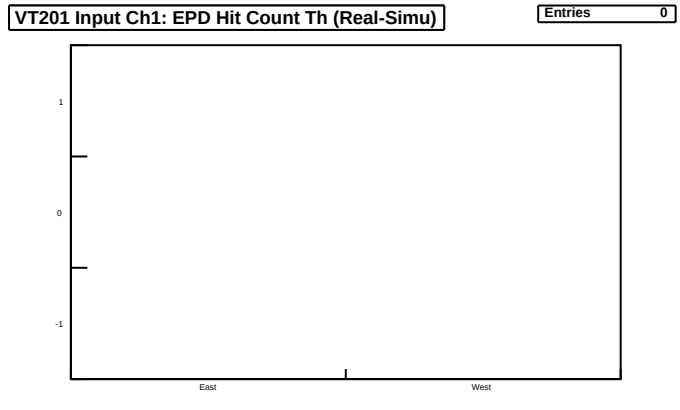

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1186894
310269
494081
283178
99366
East
West

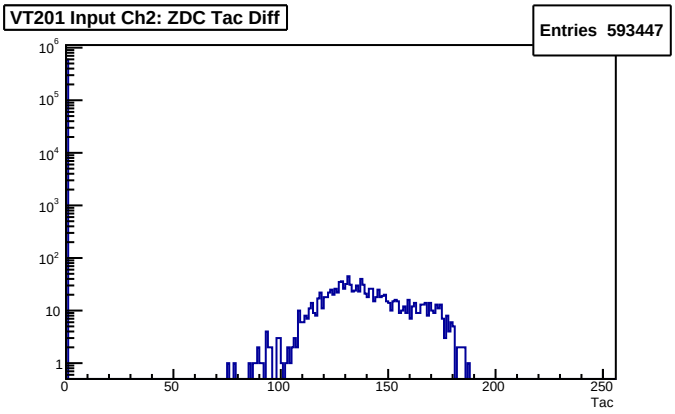

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

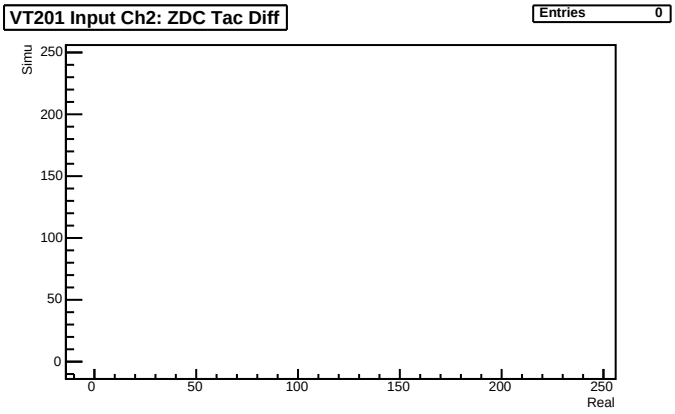

VT201 Input Ch1: EPD Tac Diff
Entries 593447
Tac

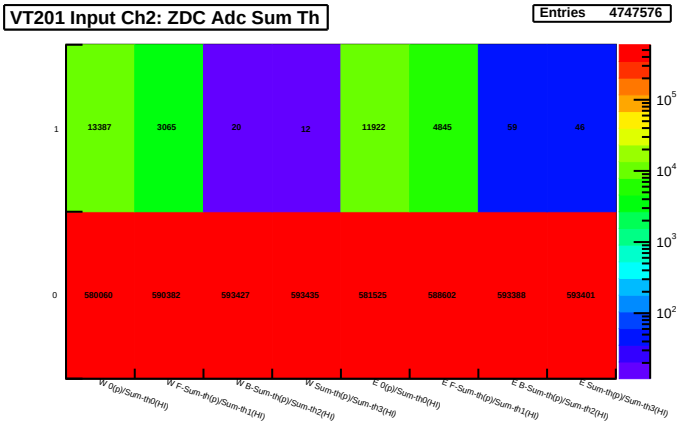

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

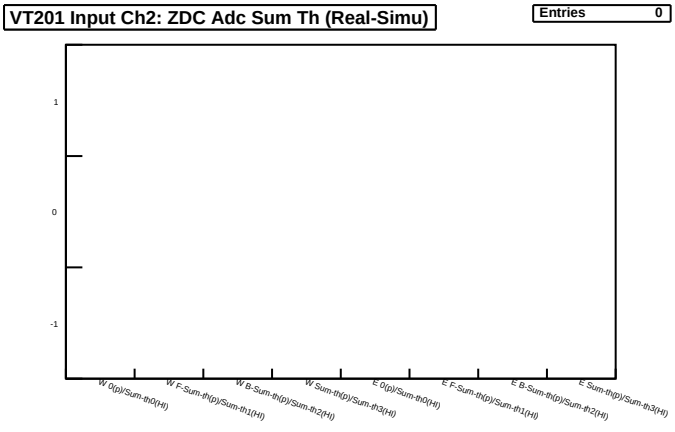

VT201 Input Ch1: EPD Hit Count Th
Entries 1186894
590837
590836
2610
2611
East
West

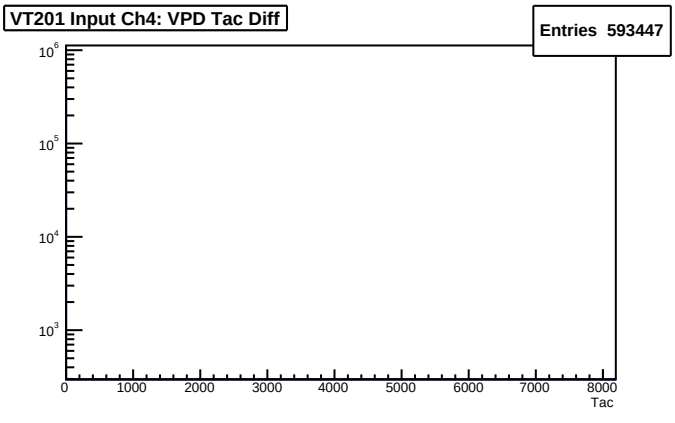

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

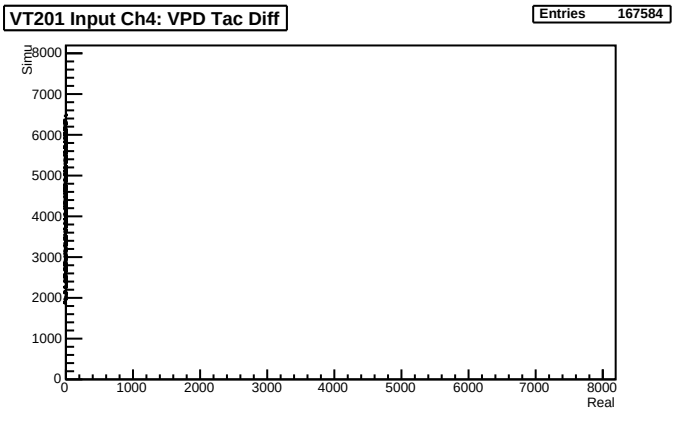

VT201 Input Ch2: ZDC Tac Diff
Entries 593447
Tac

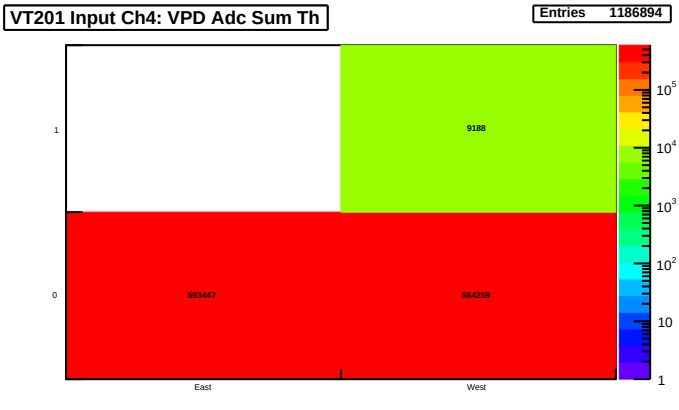

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

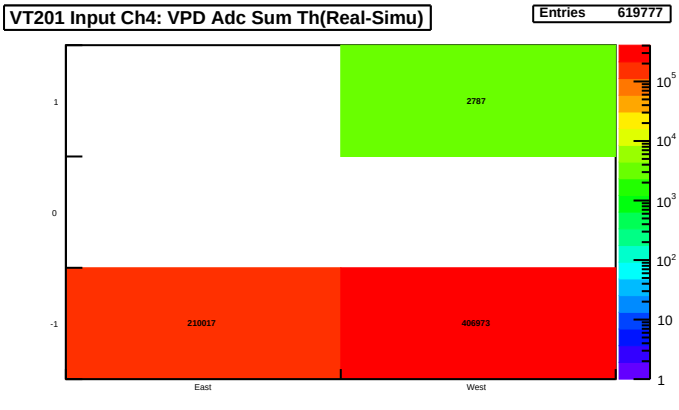

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4747576
13387
3065
20
12
11922
4845
59
46
580060
590382
593427
593435
581525
588602
593388
593401
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

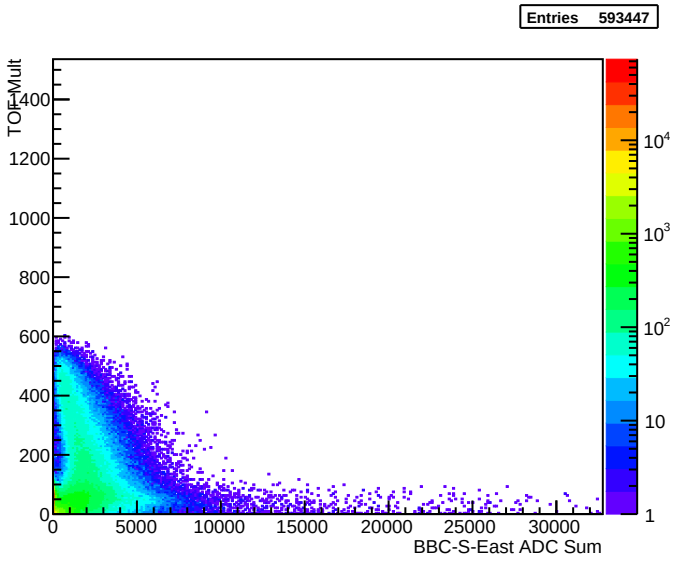

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

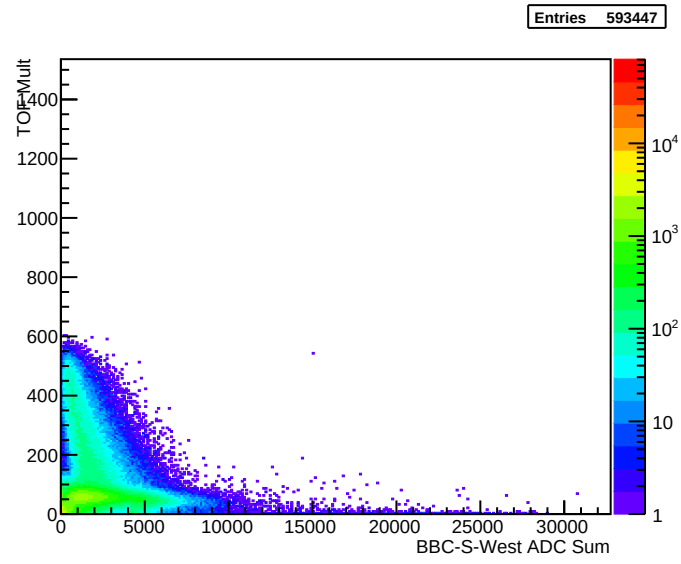

VT201 Input Ch4: VPD Tac Diff
Entries 593447
Tac

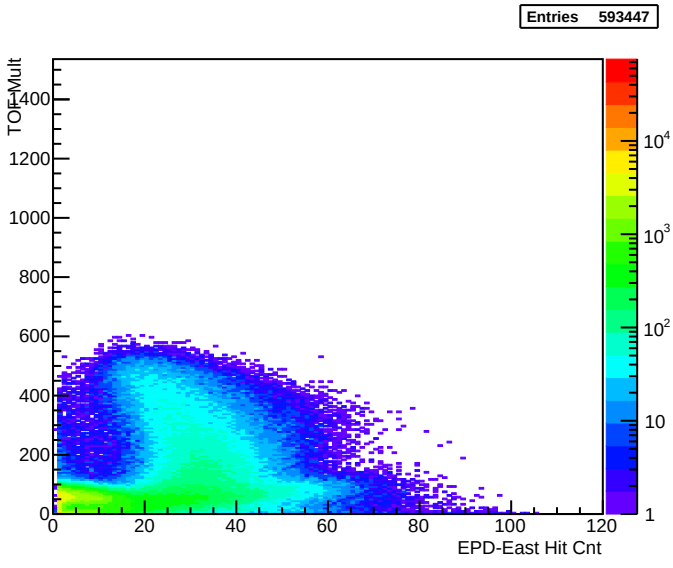

VT201 Input Ch4: VPD Tac Diff
Entries 167584
Simu
Real

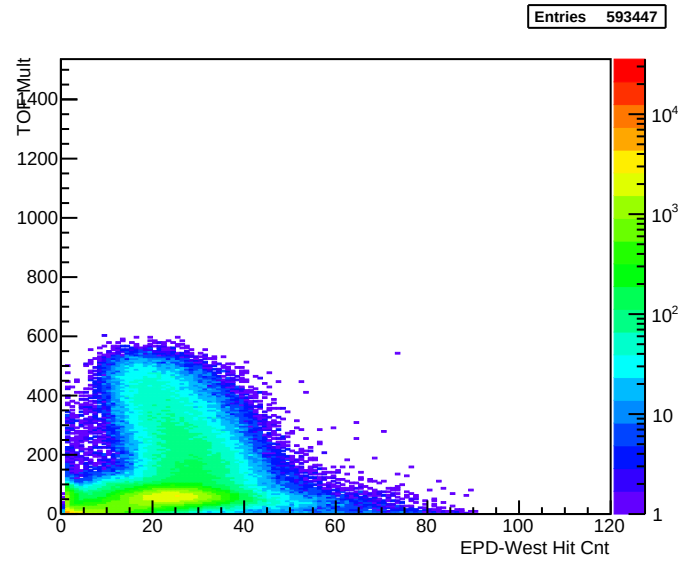

VT201 Input Ch4: VPD Adc Sum Th
Entries 1186894
9188
593447
584259
East
West

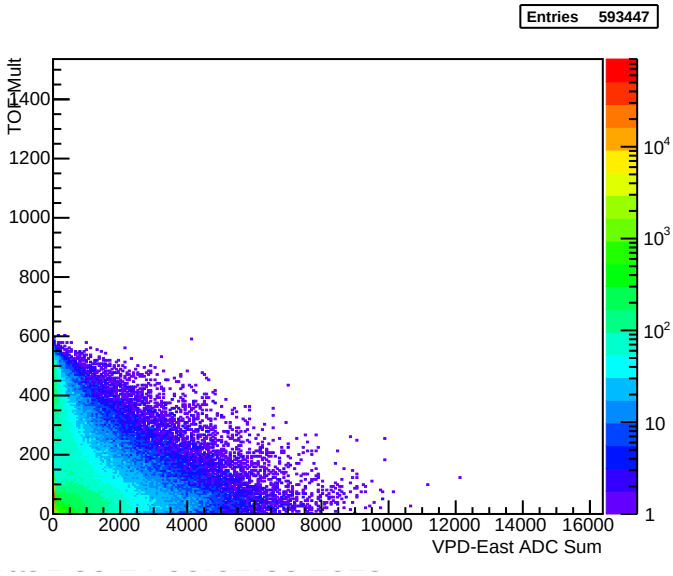

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 619777
2787
210017
406973
East
West

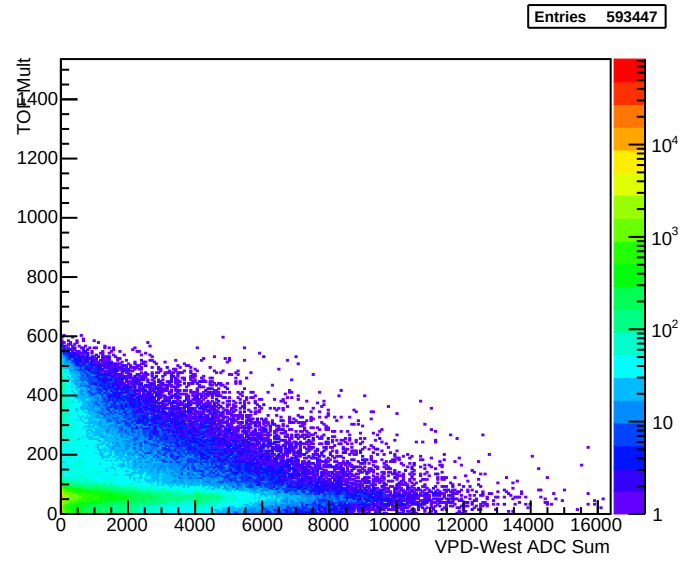

Entries 593447
TOF-Mult
BBC-S-East ADC Sum

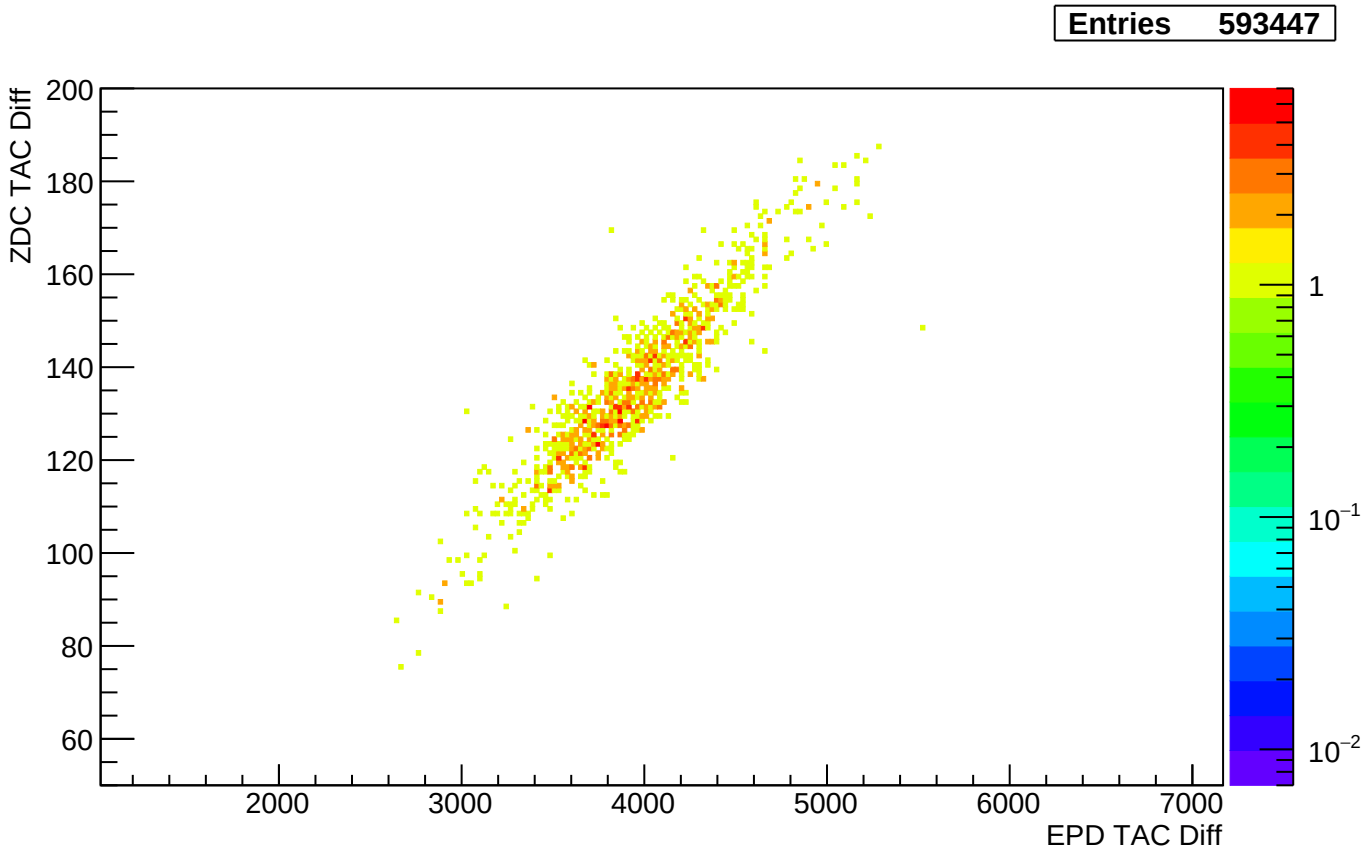

Entries 593447
TOF-Mult
BBC-S-West ADC Sum

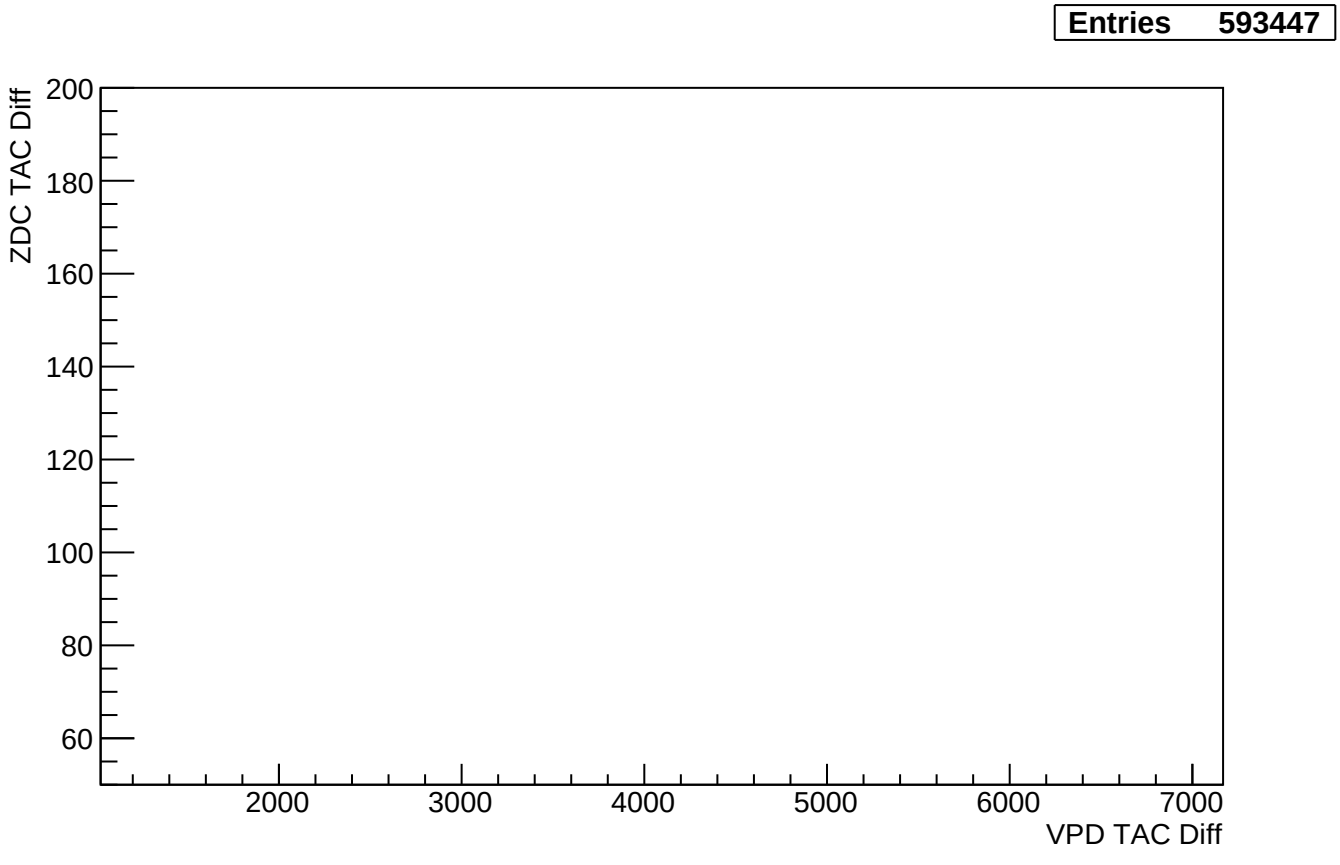

Entries 593447
TOF-Mult
EPD-East Hit Cnt

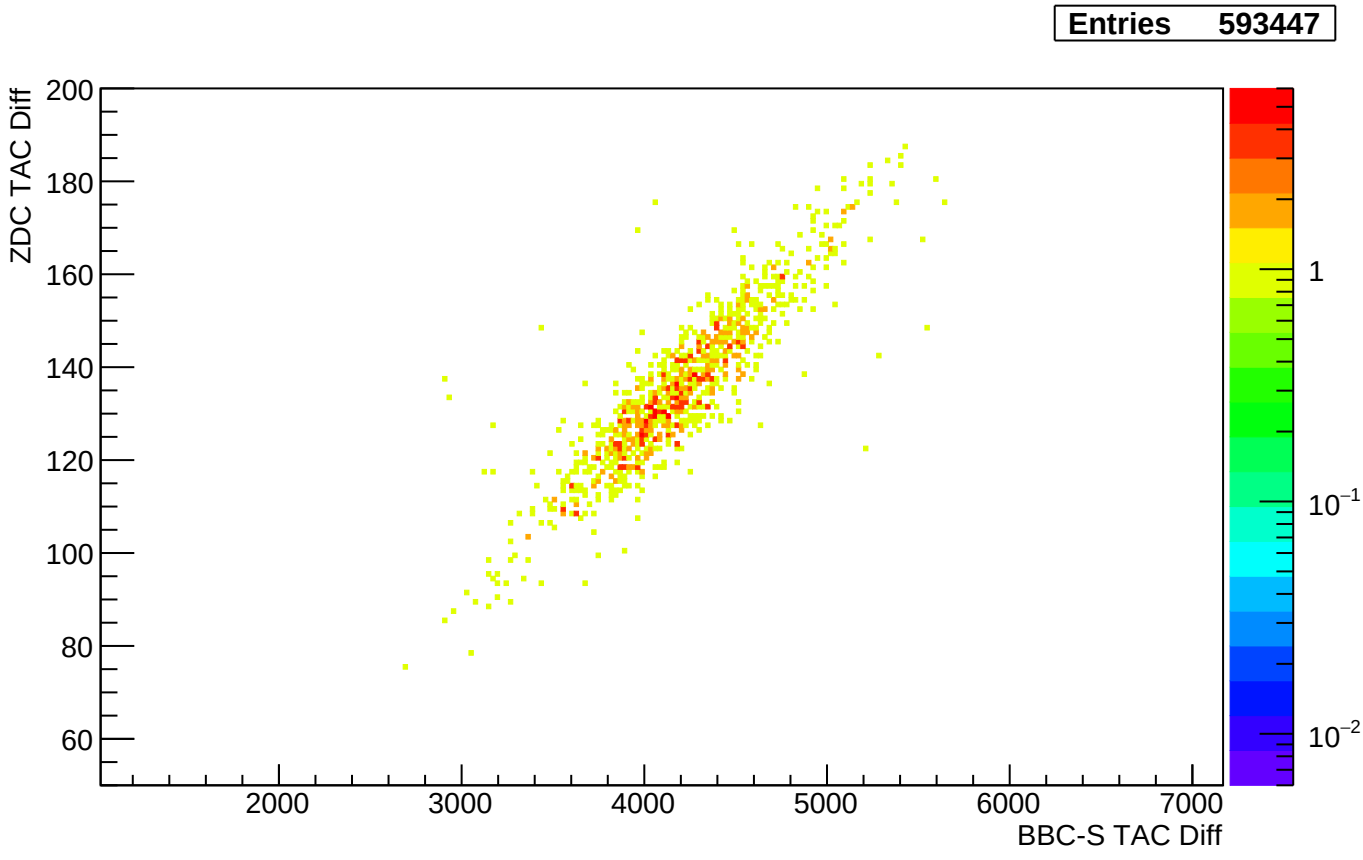

Entries 593447
TOF-Mult
EPD-West Hit Cnt

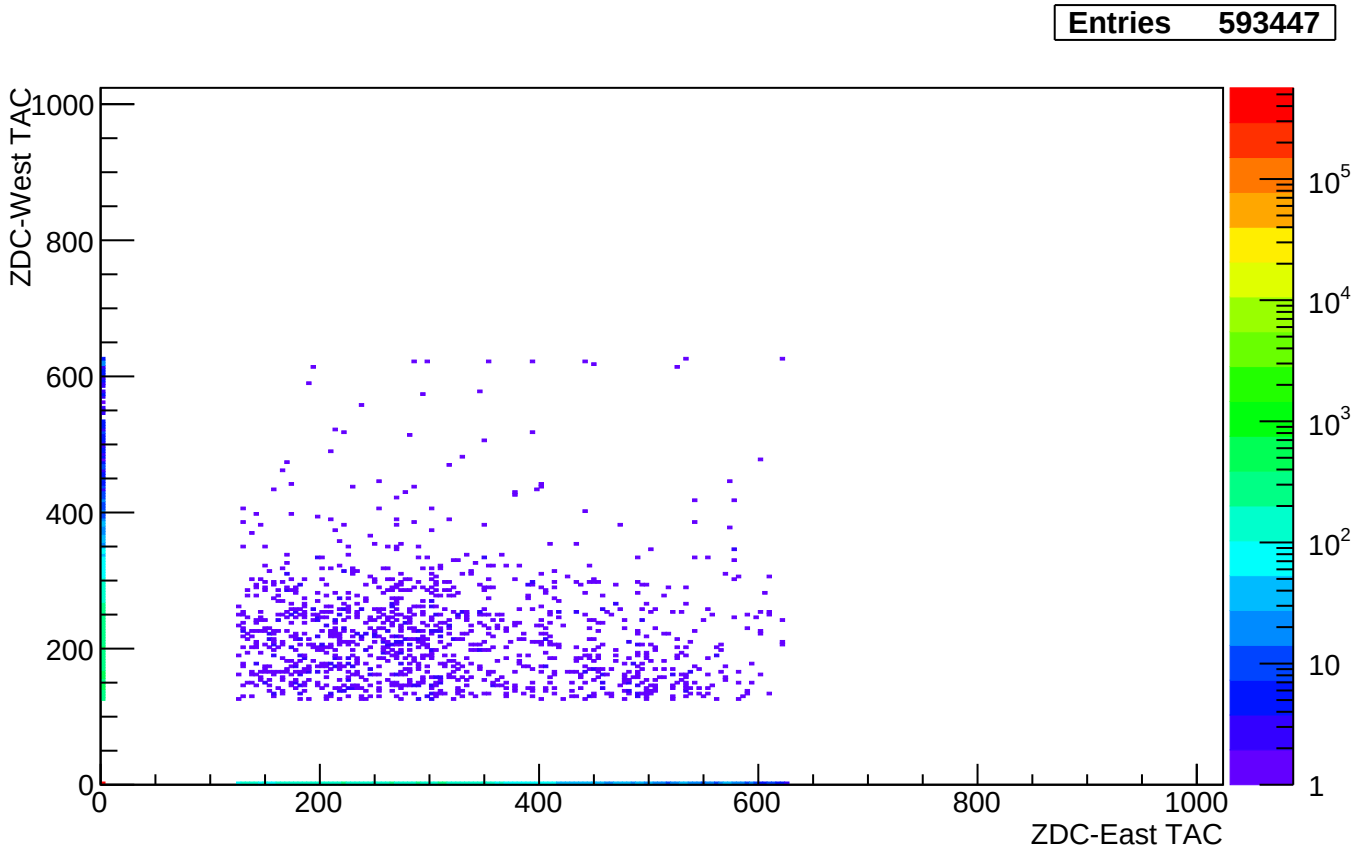

Entries 593447
TOF-Mult
VPD-East ADC Sum

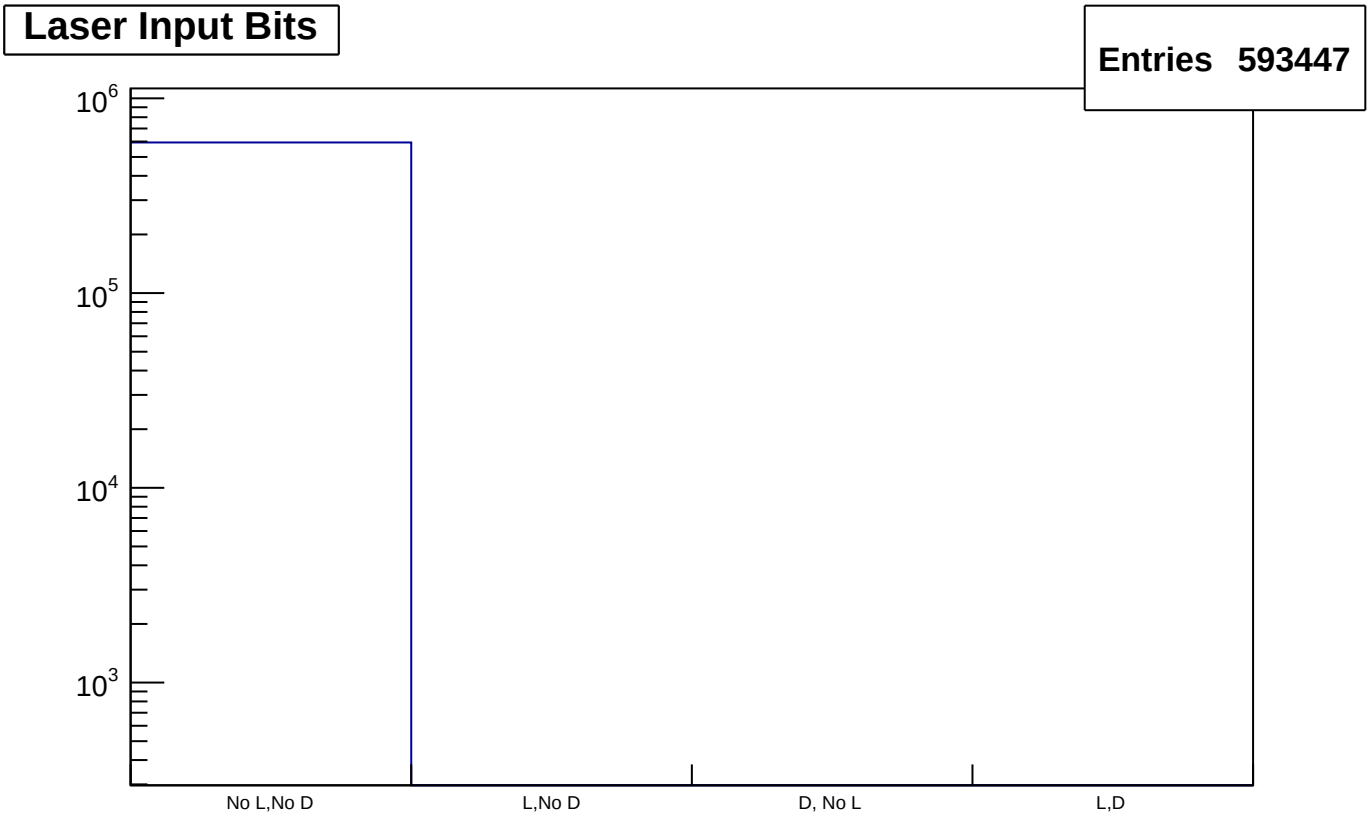

Entries 593447
TOF-Mult
VPD-West ADC Sum

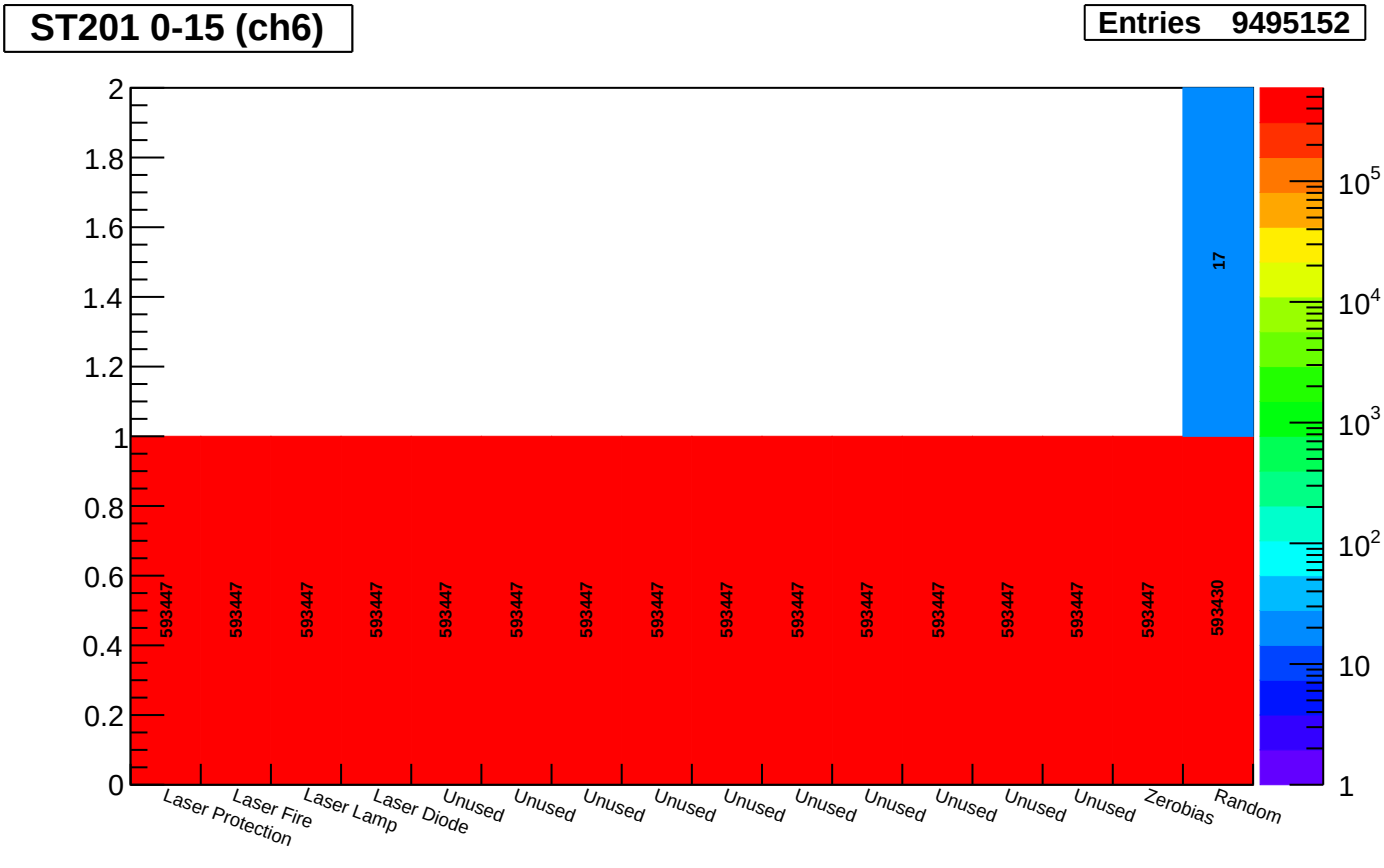

Entries 593447
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

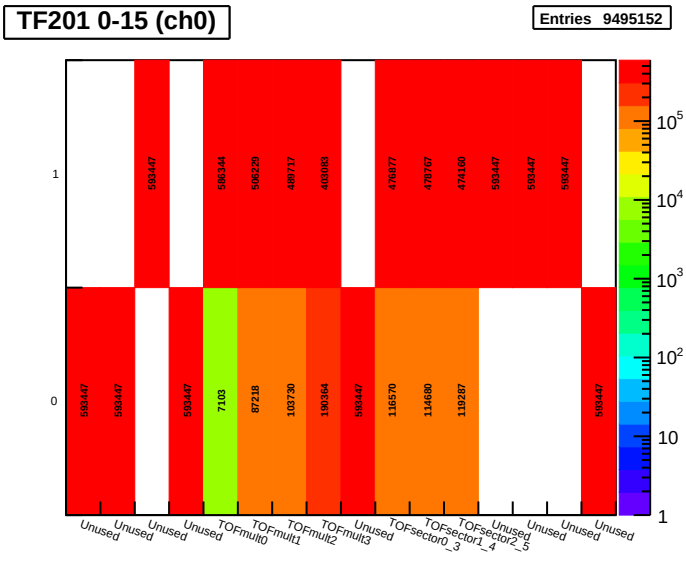

Entries 593447
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

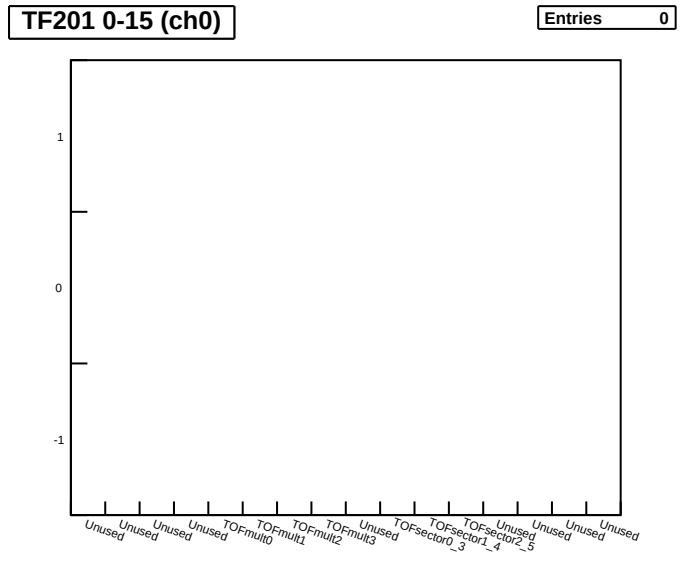

Entries 593447
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

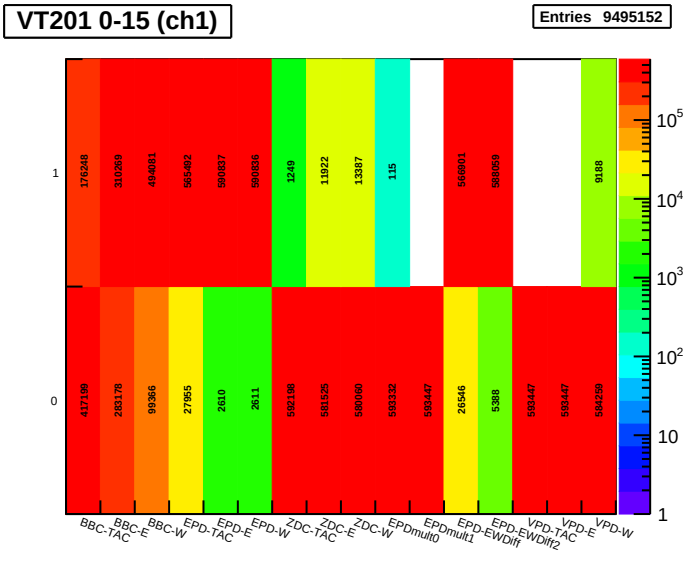

Entries 593447
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

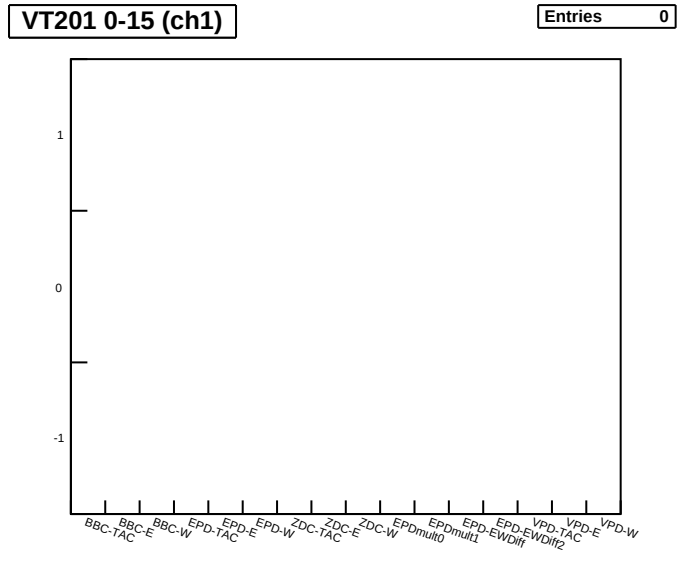

Laser Input Bits
Entries 593447
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

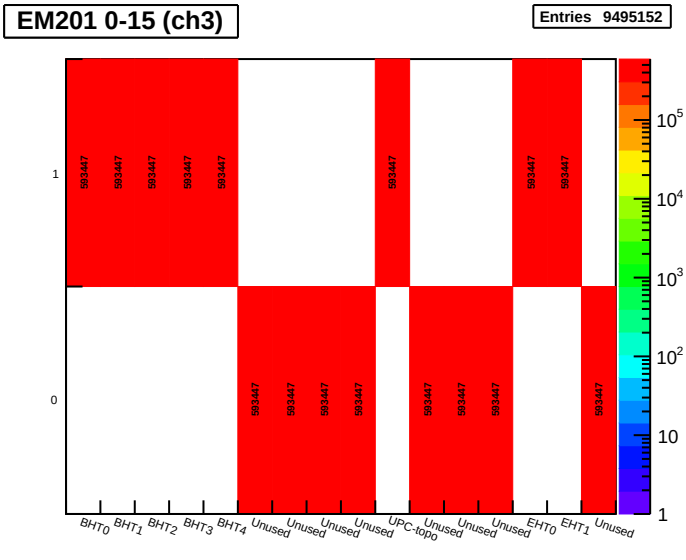

ST201 0-15 (ch6)
Entries 9495152
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593430
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

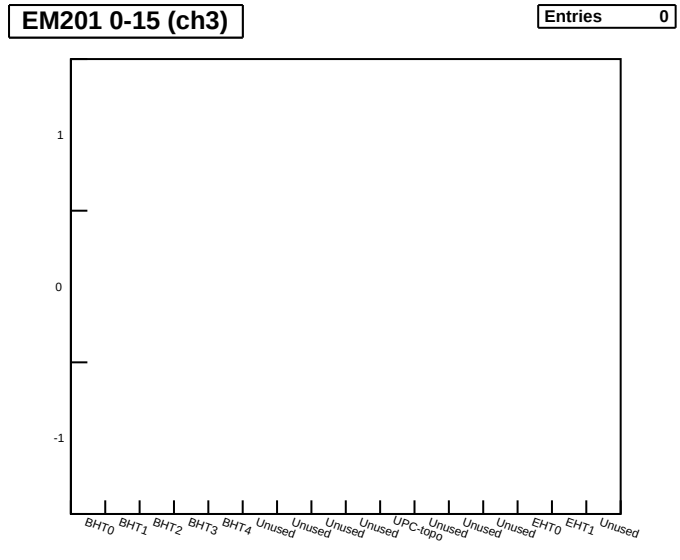

TF201 0-15 (ch0)
Entries 9495152
1
0
593447
536344
506229
489717
403083
476877
478767
474160
593447
593447
593447
593447
593447
593447
593447
593447
593447
7103
87218
103730
190364
593447
116570
114680
119287
593447
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 9495152
1
0
176248
310269
494081
565492
590837
590836
1249
11922
13387
115
566901
588059
9188
417199
283178
99366
27955
2610
2611
592198
581525
580060
593332
593447
26546
5388
593447
593447
584259
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
1
10
10^2
10^3
10^4
10^5


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 9495152
1
0
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
593447
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1