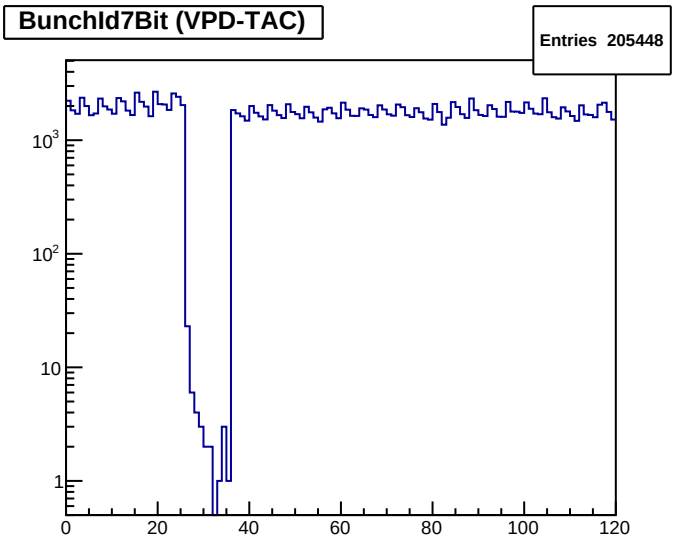
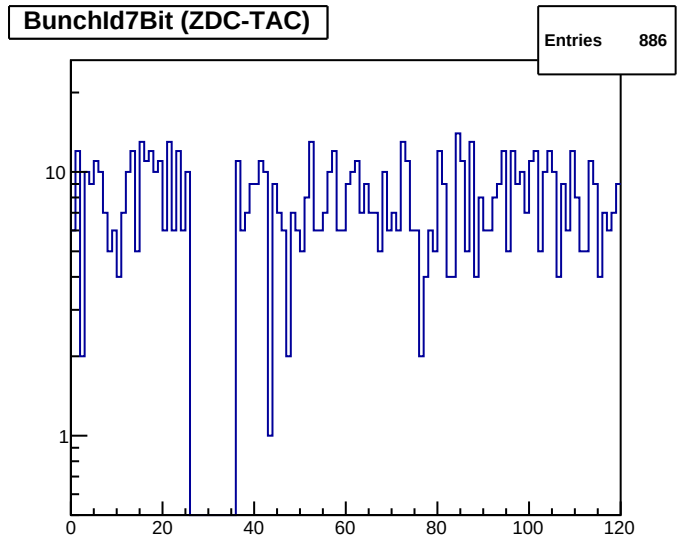
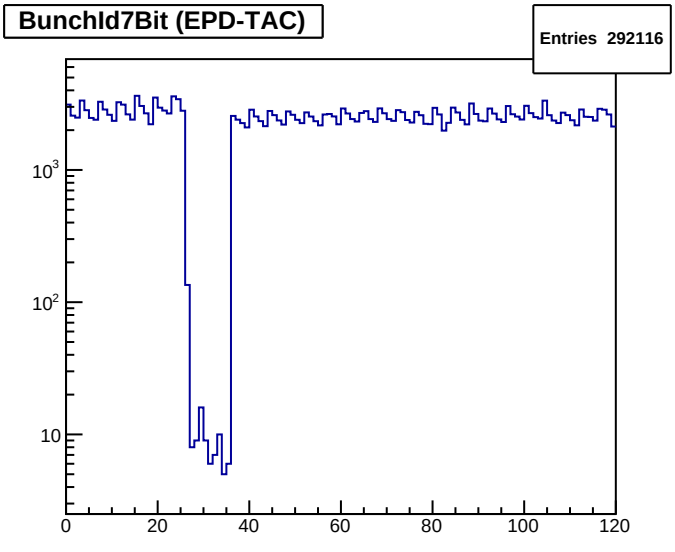
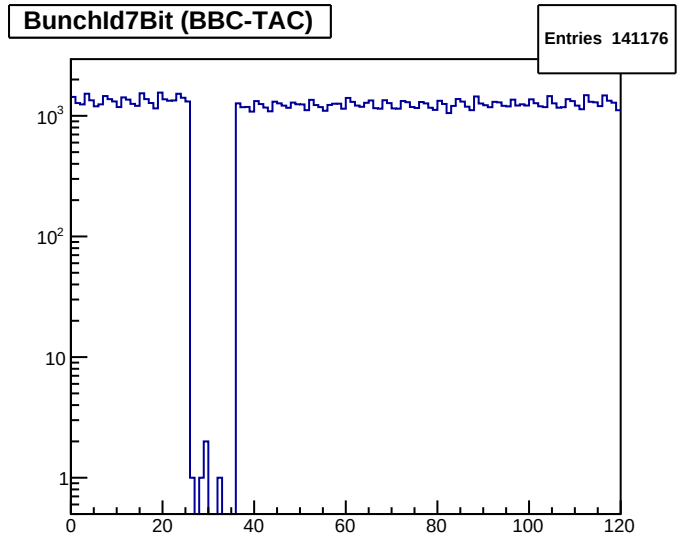
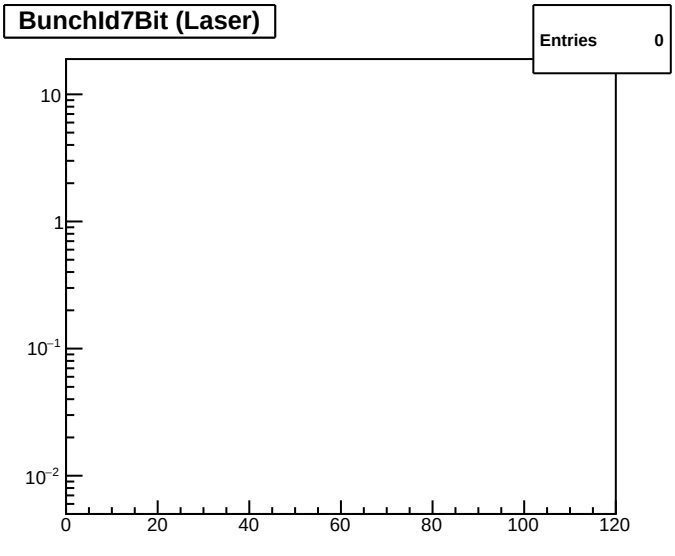
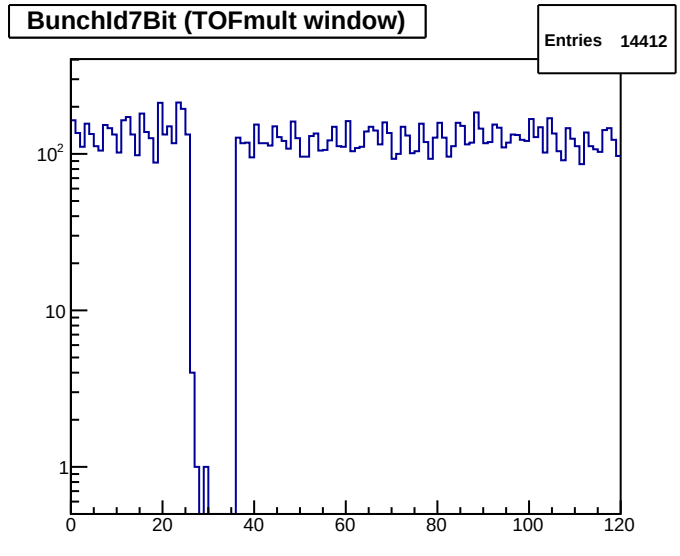

BunchId7Bit (VPD-TAC)
Entries 205448

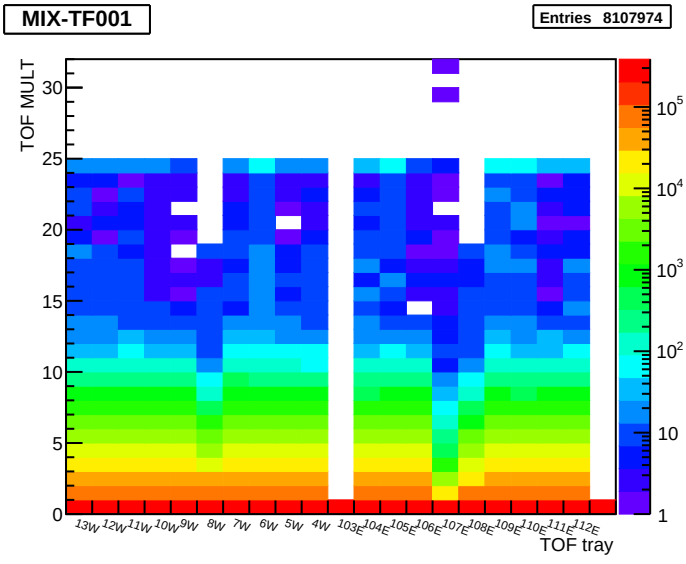

BunchId7Bit (ZDC-TAC)
Entries 886

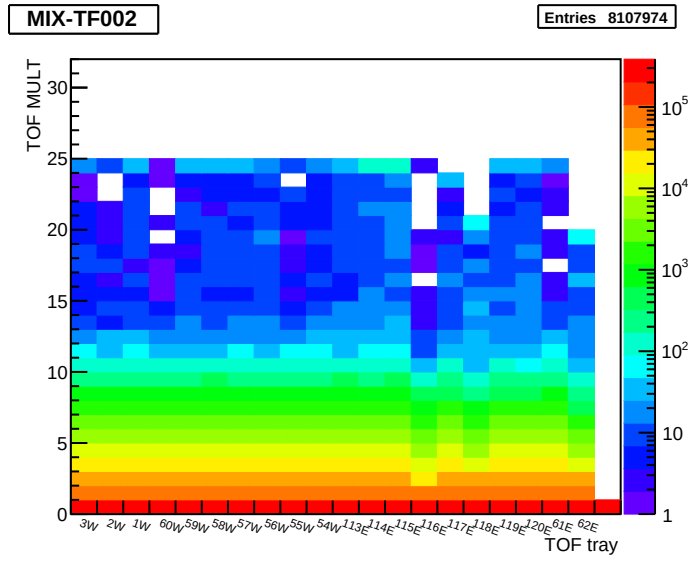

BunchId7Bit (EPD-TAC)
Entries 292116

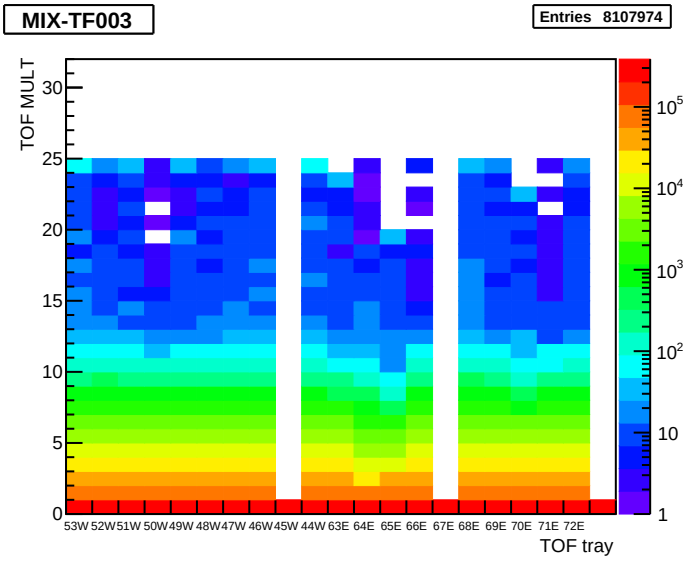

BunchId7Bit (BBC-TAC)
Entries 141176

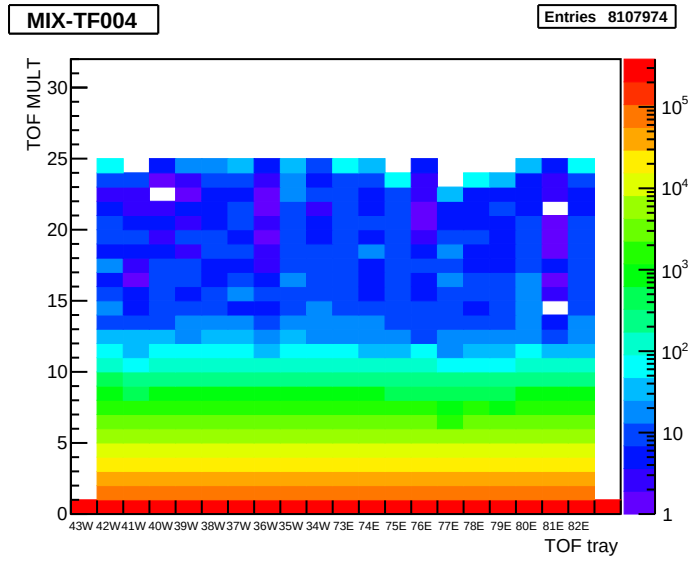

BunchId7Bit (Laser)
Entries 0

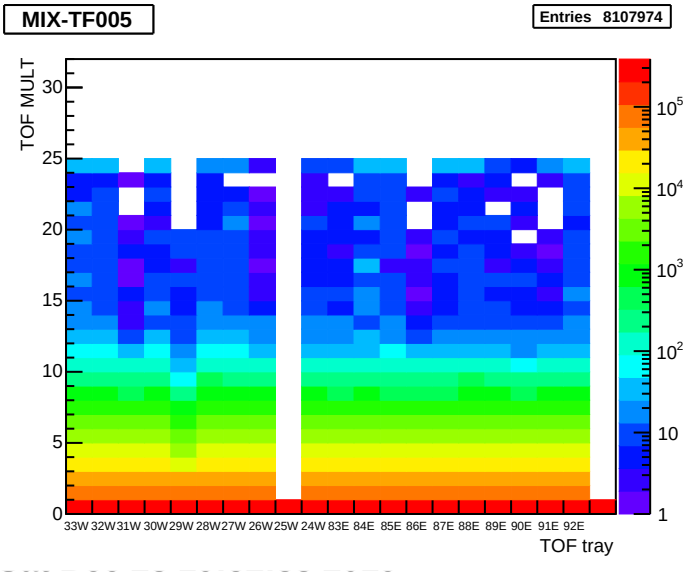

BunchId7Bit (TOFmult window)
Entries 14412

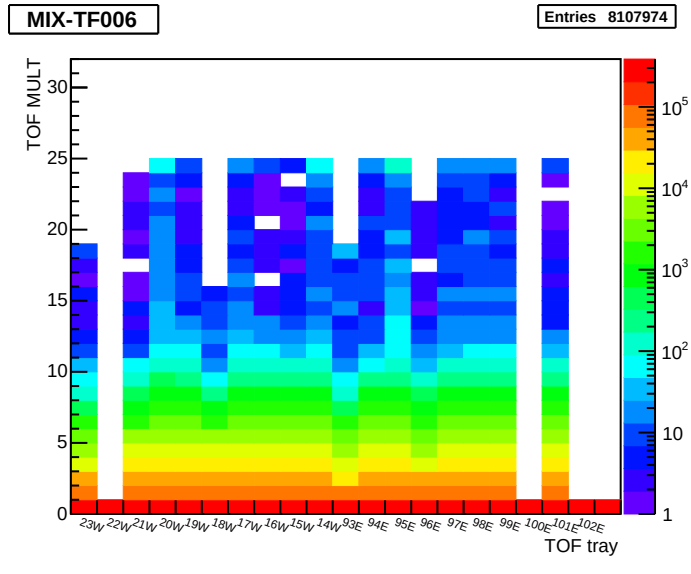

MIX-TF001
Entries 8107974
TOF MULT
TOF tray

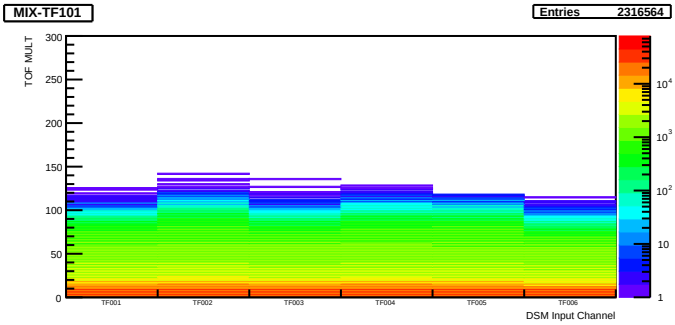

MIX-TF002
Entries 8107974
TOF MULT
TOF tray

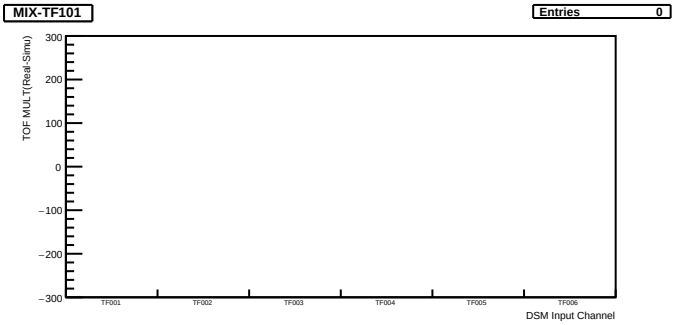

MIX-TF003
Entries 8107974
TOF MULT
TOF tray

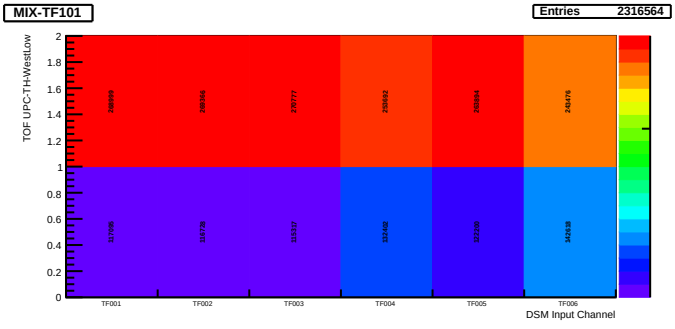

MIX-TF004
Entries 8107974
TOF MULT
TOF tray

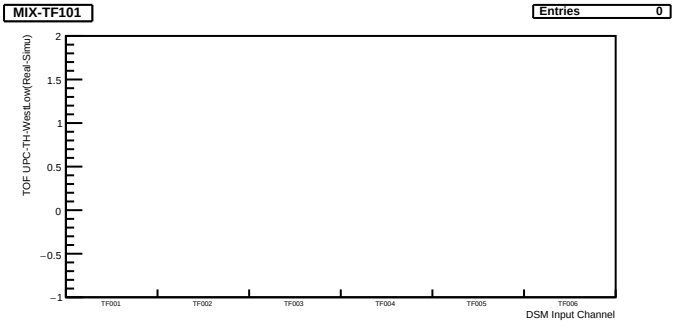

MIX-TF005
Entries 8107974
TOF MULT
TOF tray

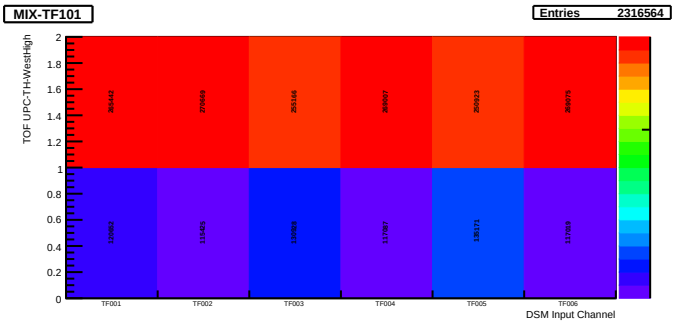

MIX-TF006
Entries 8107974
TOF MULT
TOF tray

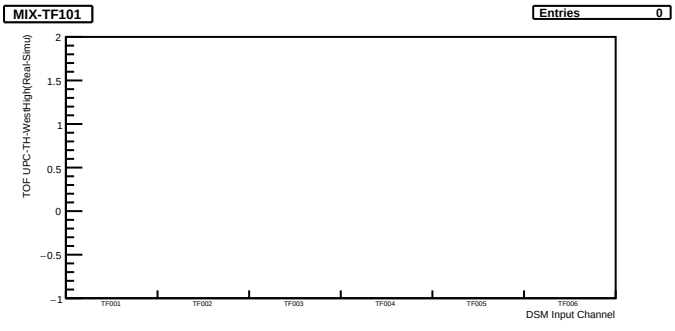

MIX-TF101
Entries 2316564
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

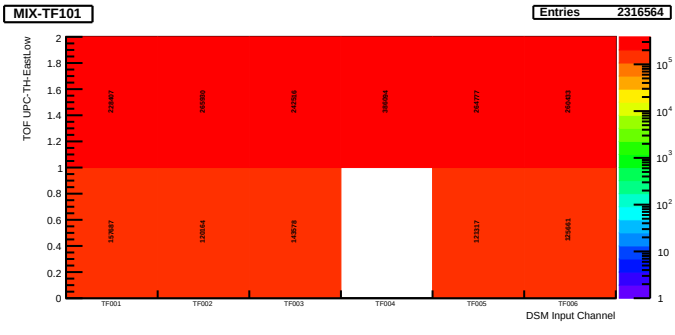

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

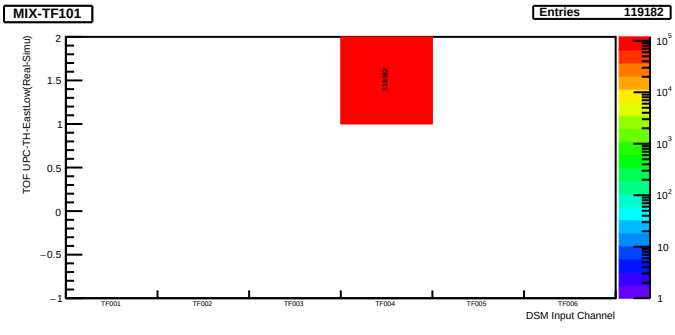

MIX-TF101
Entries 2316564
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

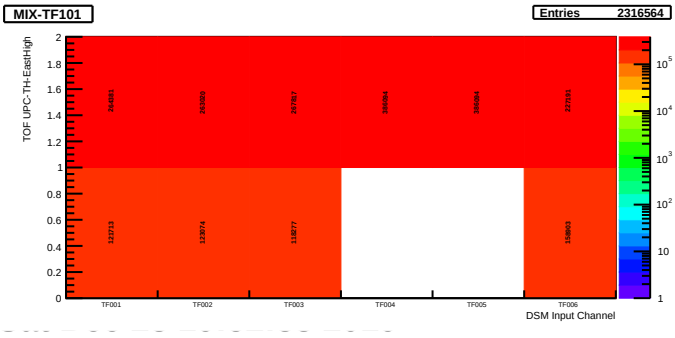

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

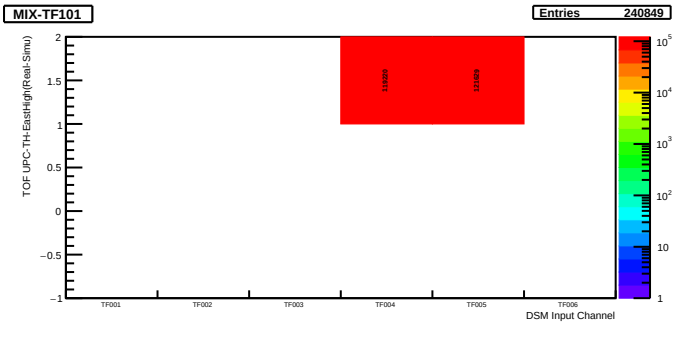

MIX-TF101
Entries 2316564
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

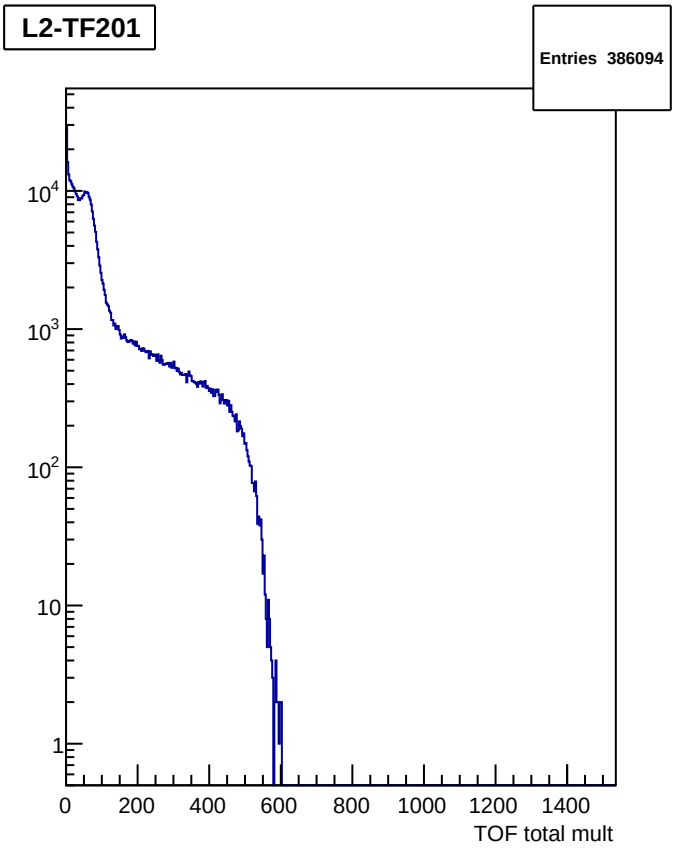

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

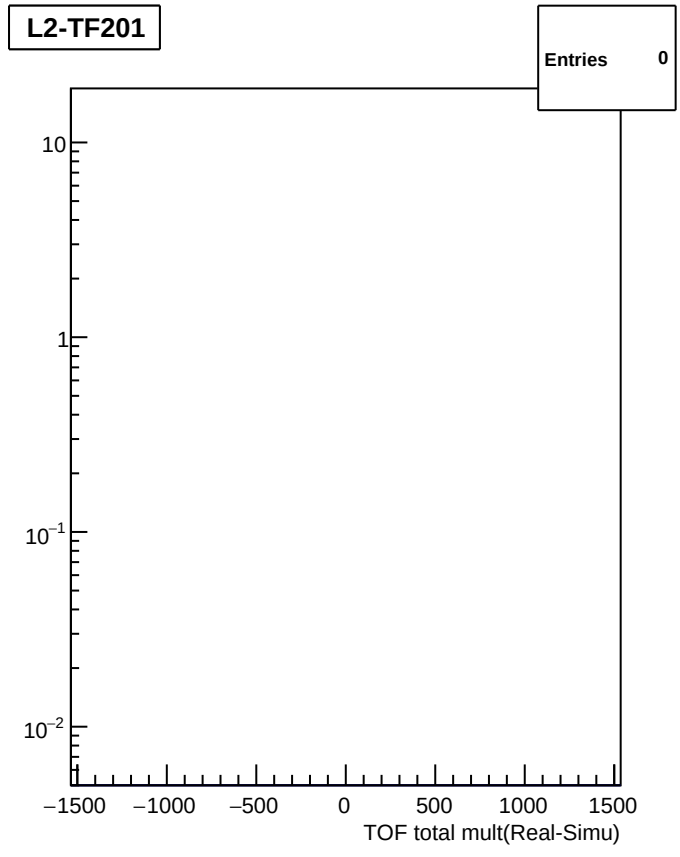

MIX-TF101
Entries 2316564
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

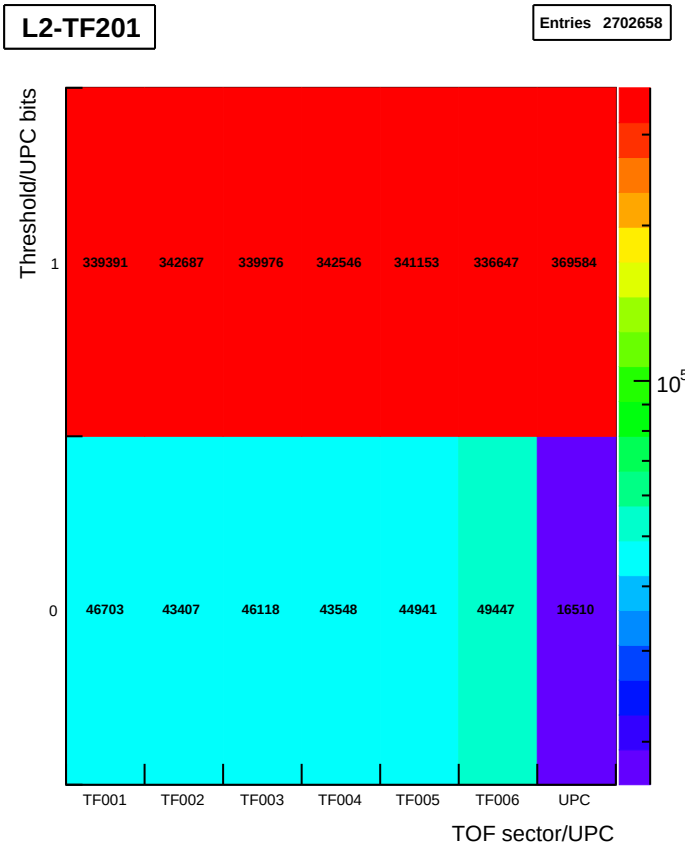

MIX-TF101
Entries 119182
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

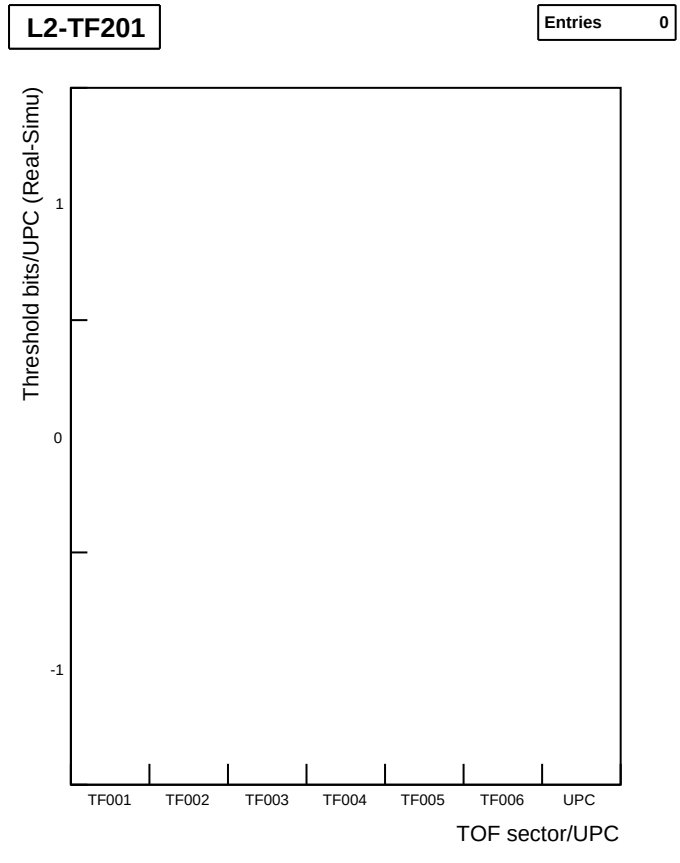

MIX-TF101
Entries 2316564
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

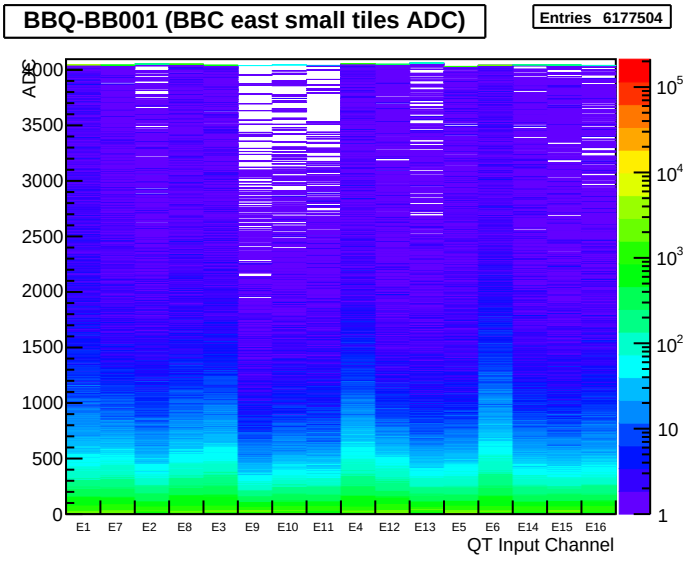

MIX-TF101
Entries 240849
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

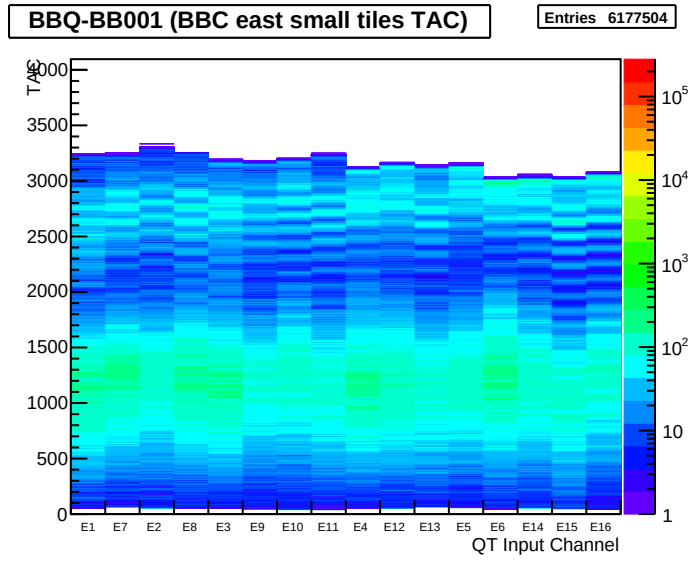

L2-TF201
Entries 386094
TOF total mult

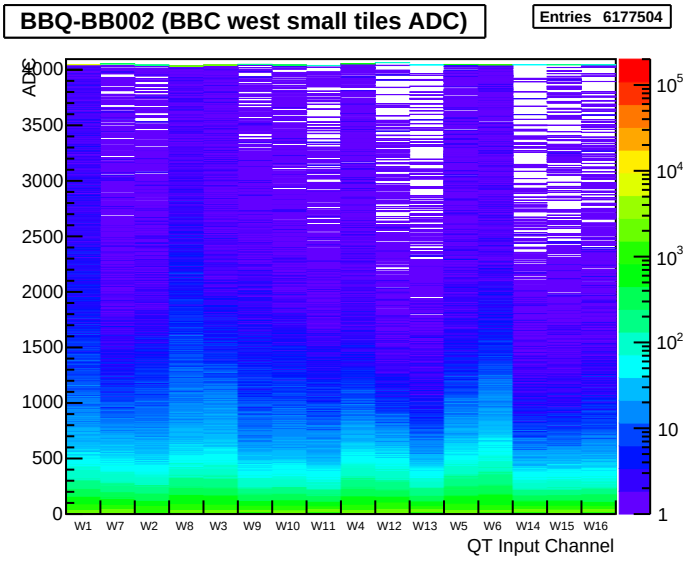

L2-TF201
Entries 0
TOF total mult(Real-Simu)

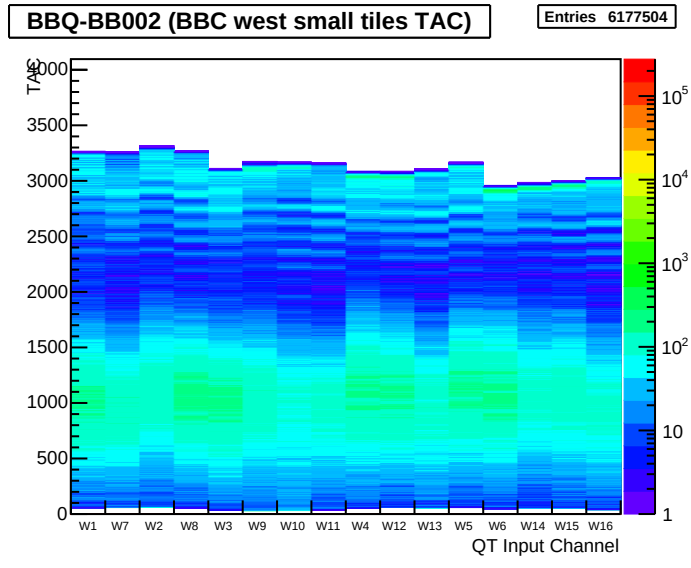

L2-TF201
Entries 2702658
Threshold/UPC bits
339391 342687 339976 342546 341153 336647 369584
46703 43407 46118 43548 44941 49447 16510
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

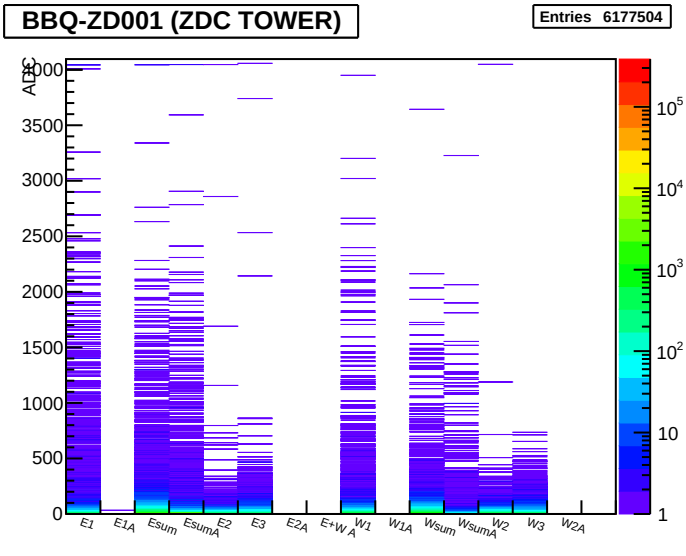

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

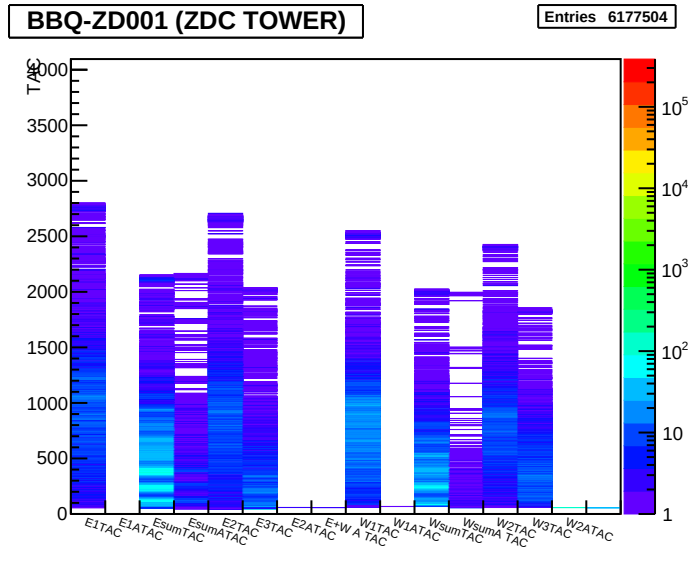

BBQ-BB001 (BBC east small tiles ADC)
Entries 6177504
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

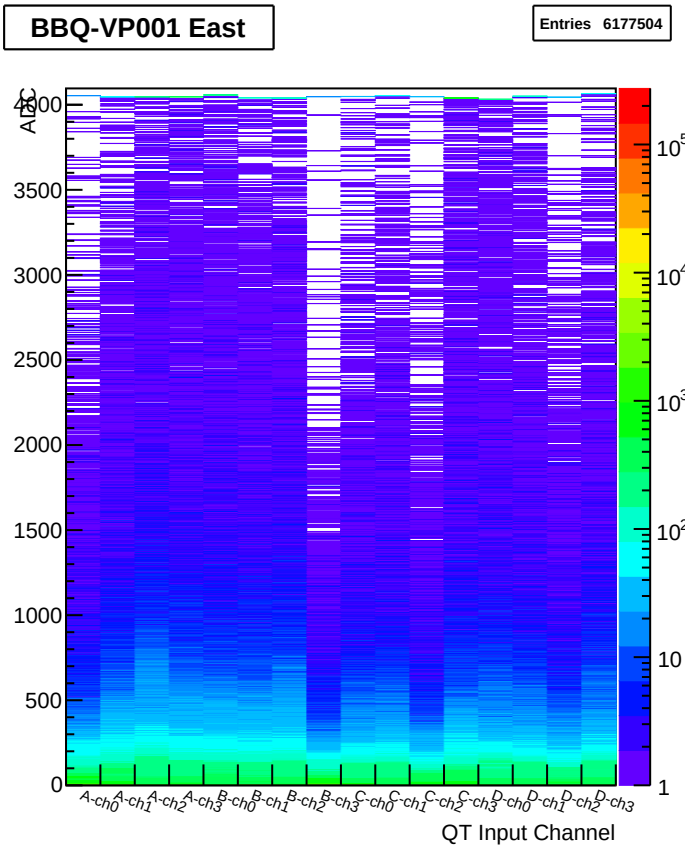

BBQ-BB001 (BBC east small tiles TAC)
Entries 6177504
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

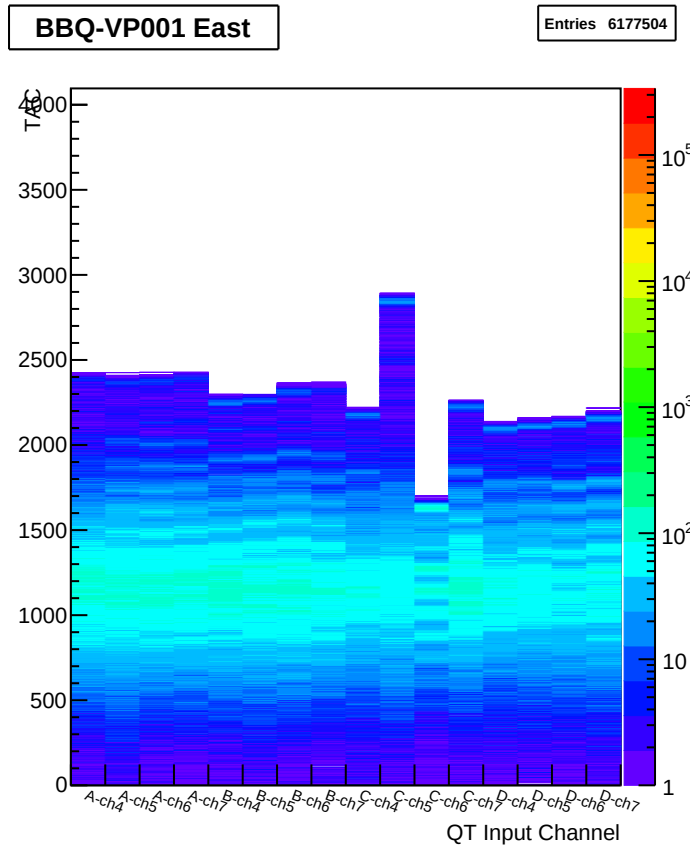

BBQ-BB002 (BBC west small tiles ADC)
Entries 6177504
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

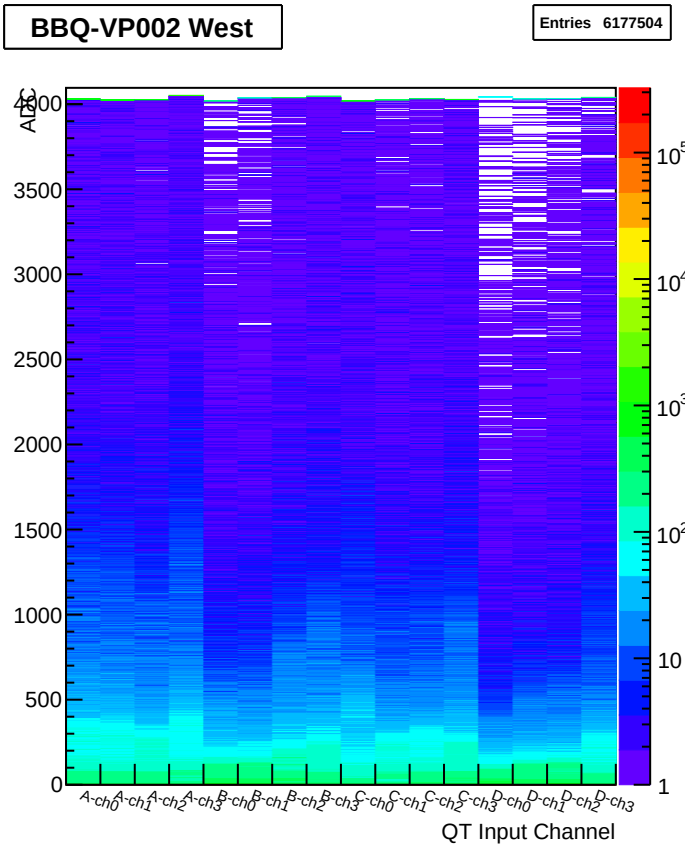

BBQ-BB002 (BBC west small tiles TAC)
Entries 6177504
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

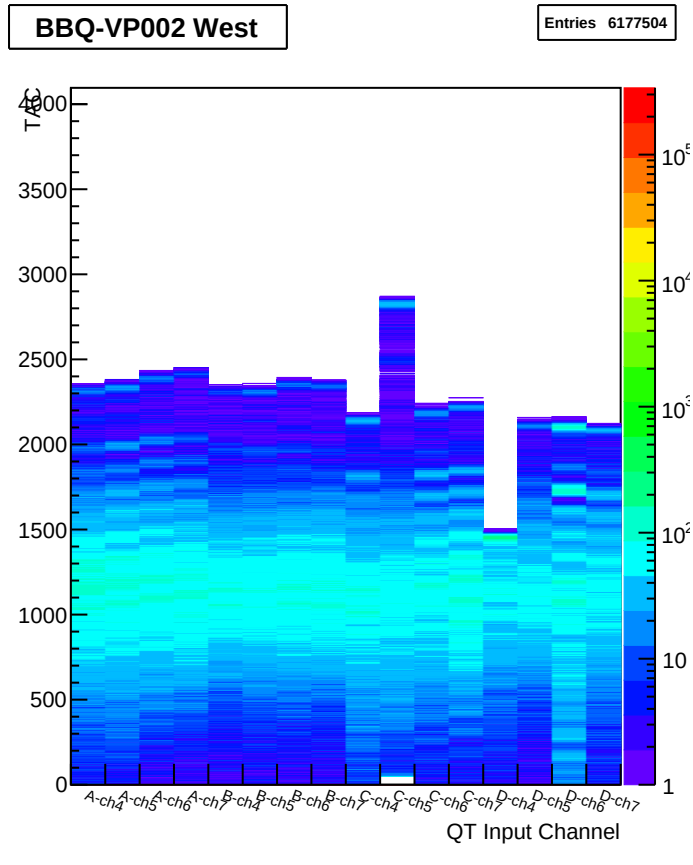

BBQ-ZD001 (ZDC TOWER)
Entries 6177504
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

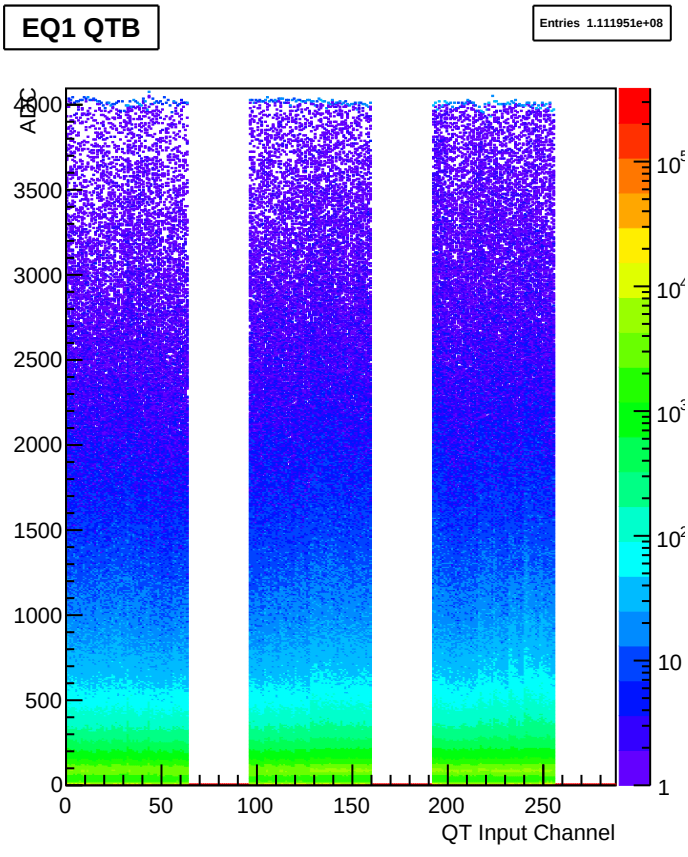

BBQ-ZD001 (ZDC TOWER)
Entries 6177504
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

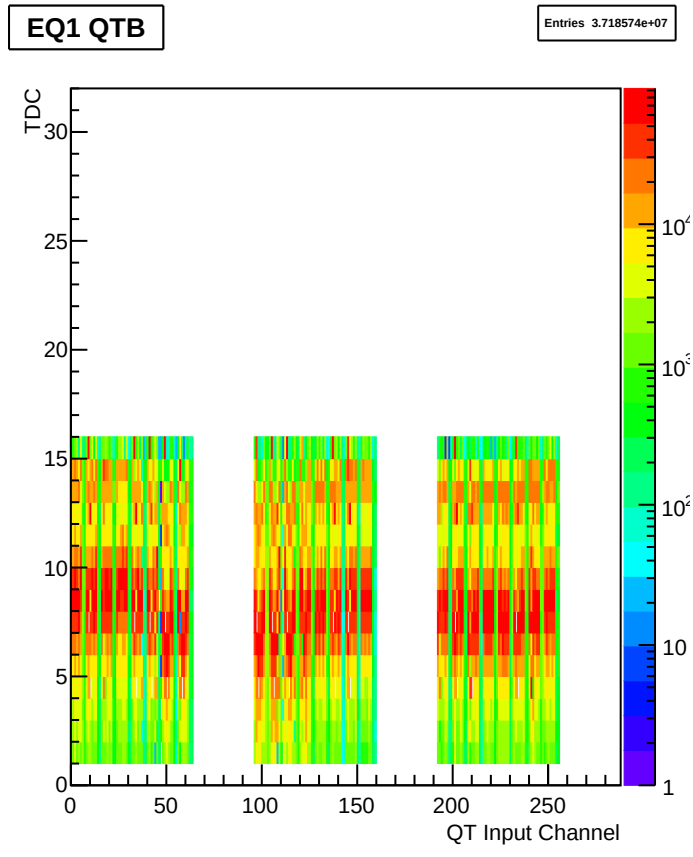

BBQ-VP001 East
Entries 6177504
ADC
QT Input Channel

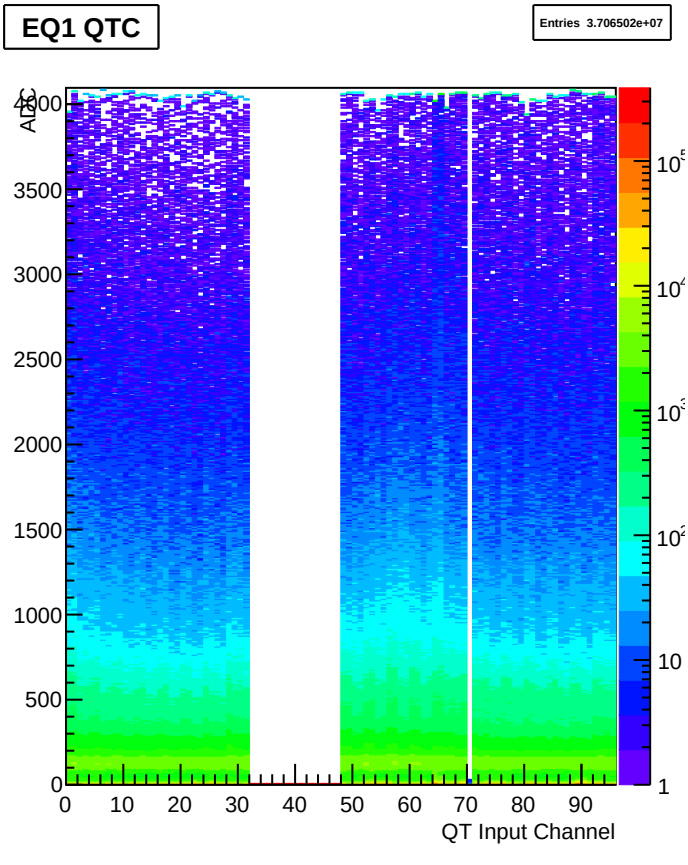

BBQ-VP001 East
Entries 6177504
TAC
QT Input Channel

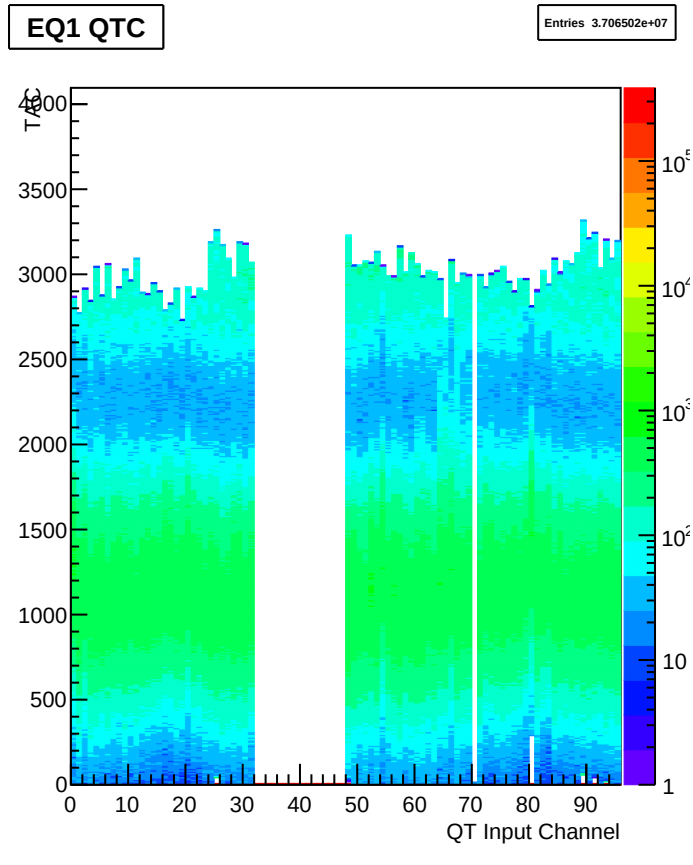

BBQ-VP002 West
Entries 6177504
ADC
QT Input Channel

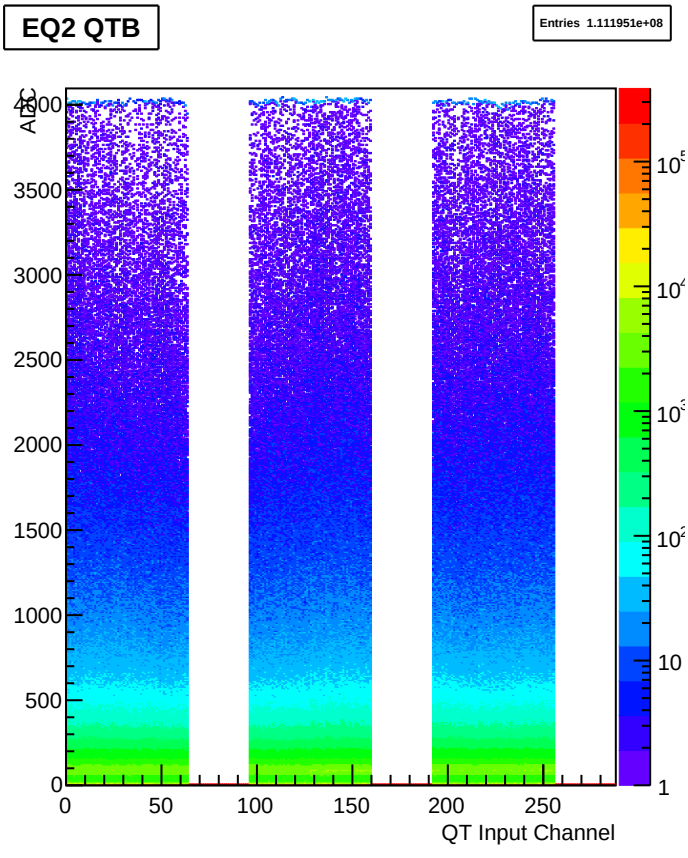

BBQ-VP002 West
Entries 6177504
TAC
QT Input Channel

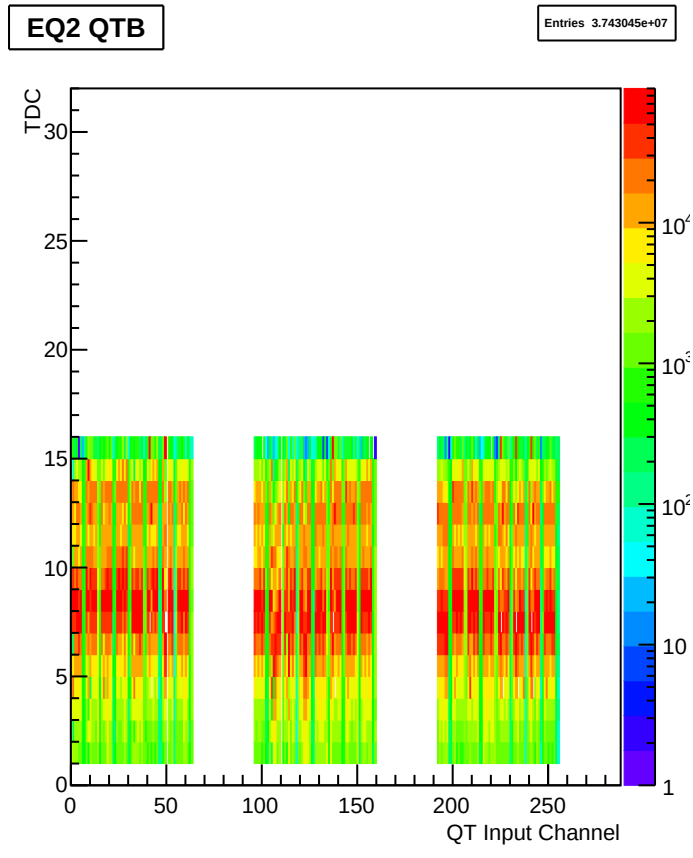

EQ1 QTB
Entries 1.111951e+08
ADC
QT Input Channel

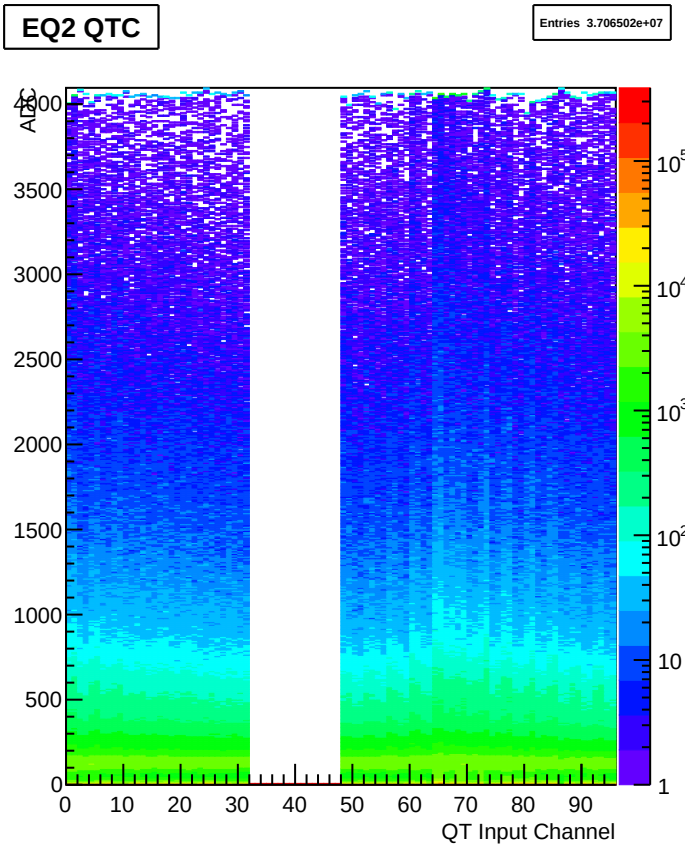

EQ1 QTB
Entries 3.718574e+07
TDC
QT Input Channel

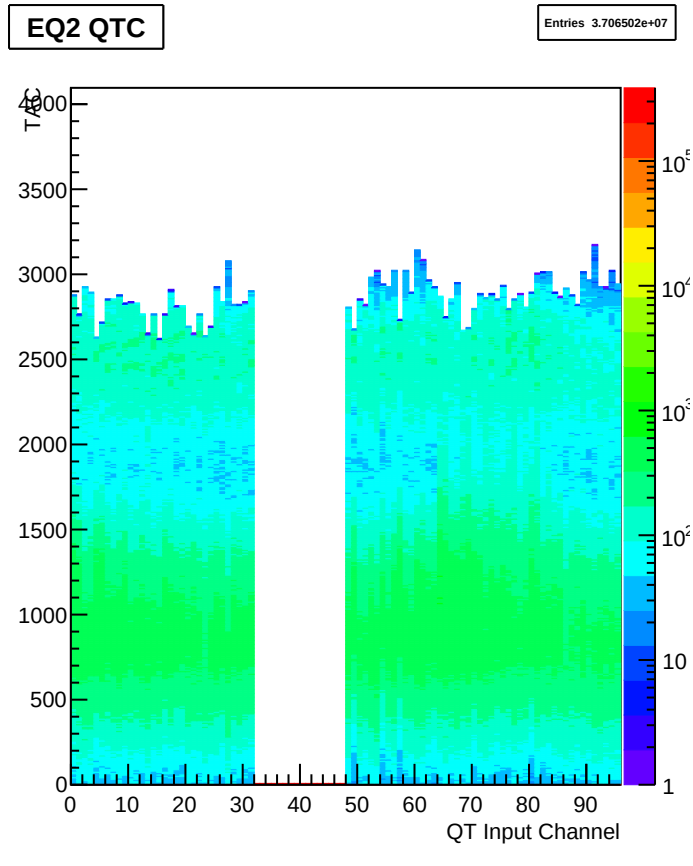

EQ1 QTC
Entries 3.706502e+07
ADC
QT Input Channel

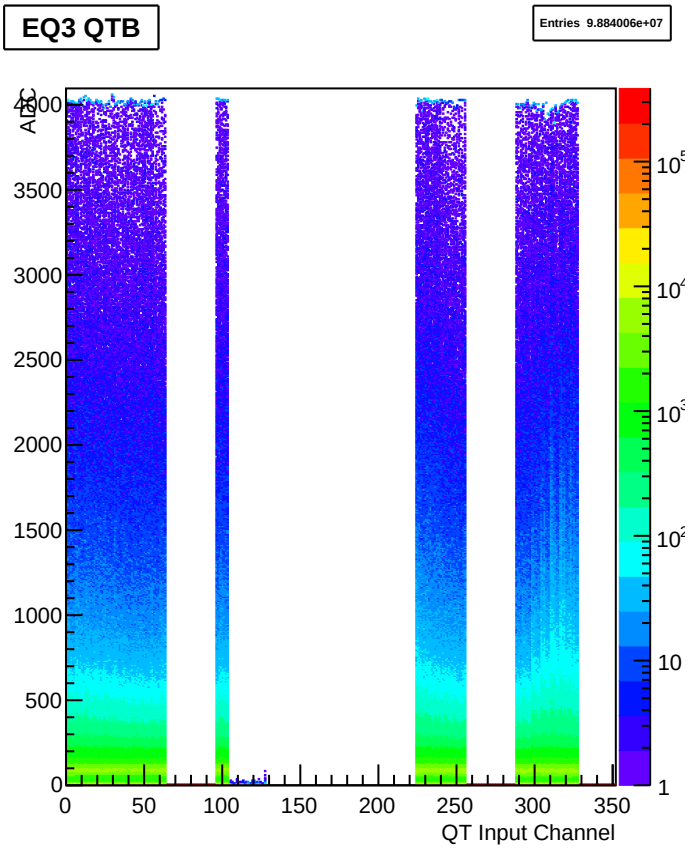

EQ1 QTC
Entries 3.706502e+07
TADC
QT Input Channel

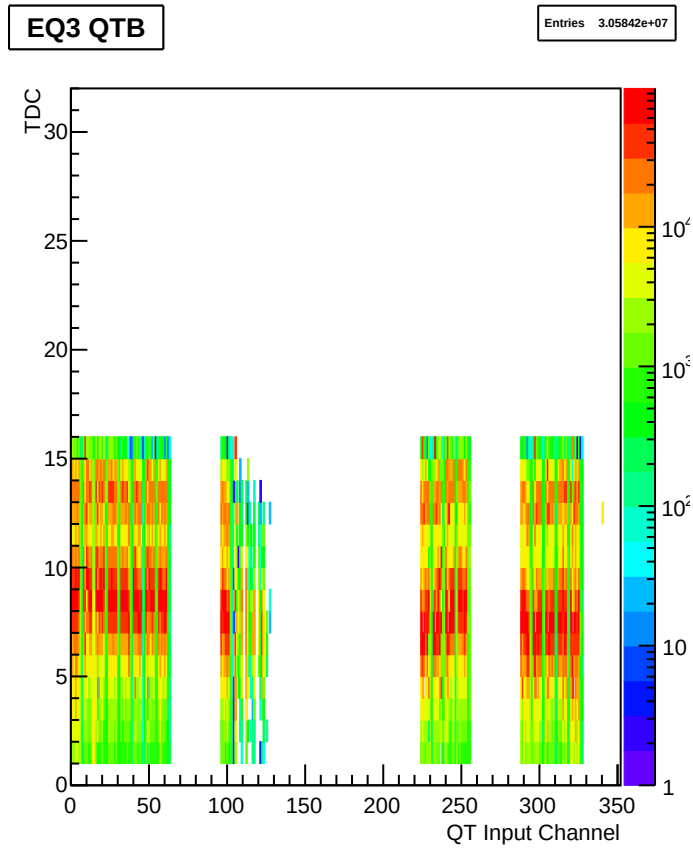

EQ2 QTB
Entries 1.111951e+08
ADC
QT Input Channel

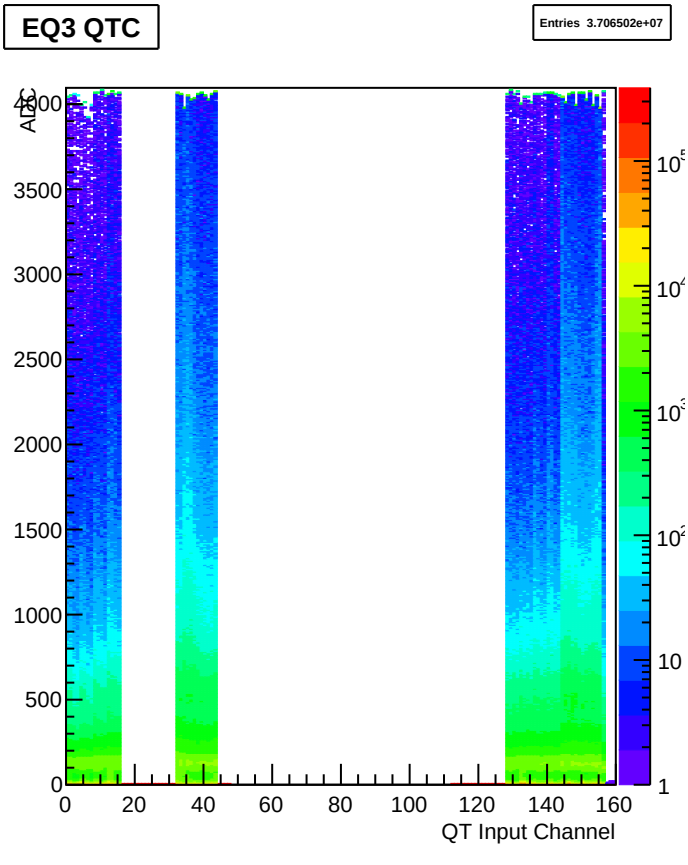

EQ2 QTB
Entries 3.743045e+07
TDC
QT Input Channel

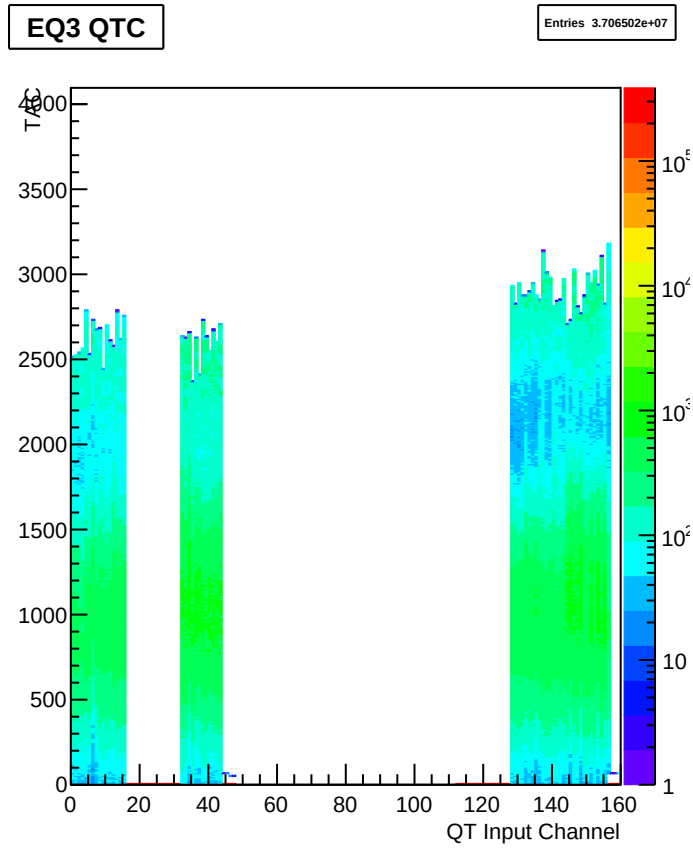

EQ2 QTC
Entries 3.706502e+07
ADC
QT Input Channel

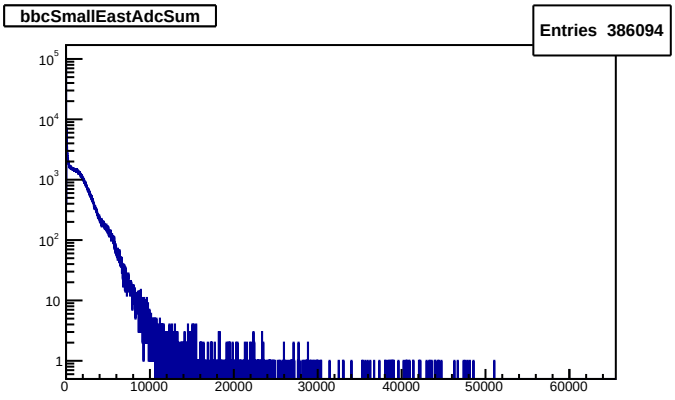

EQ2 QTC
Entries 3.706502e+07
TADC
QT Input Channel

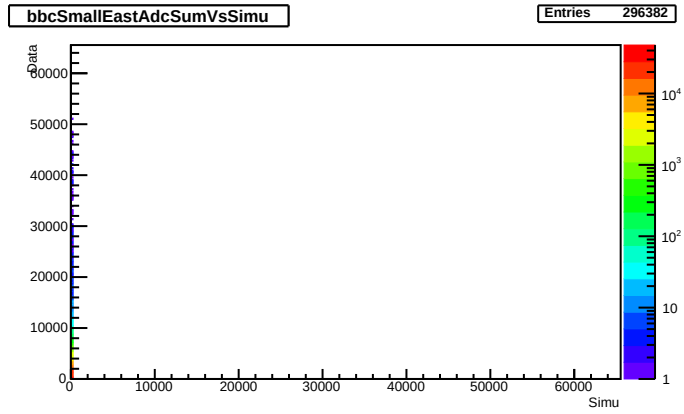

EQ3 QTB
Entries 9.884006e+07
ADC
QT Input Channel

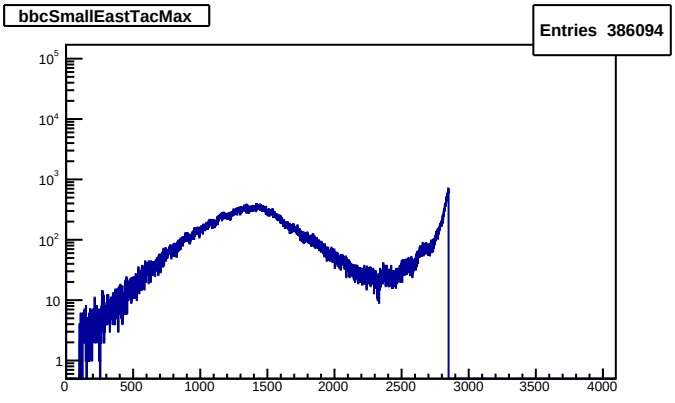

EQ3 QTB
Entries 3.05842e+07
TDC
QT Input Channel

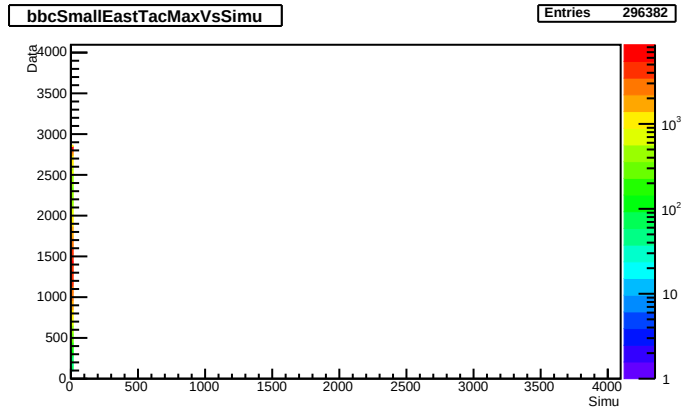

EQ3 QTC
Entries 3.706502e+07
ADC
QT Input Channel

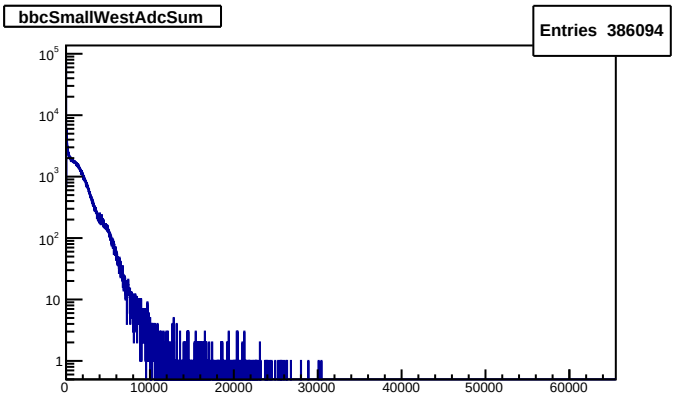

EQ3 QTC
Entries 3.706502e+07
TADC
QT Input Channel

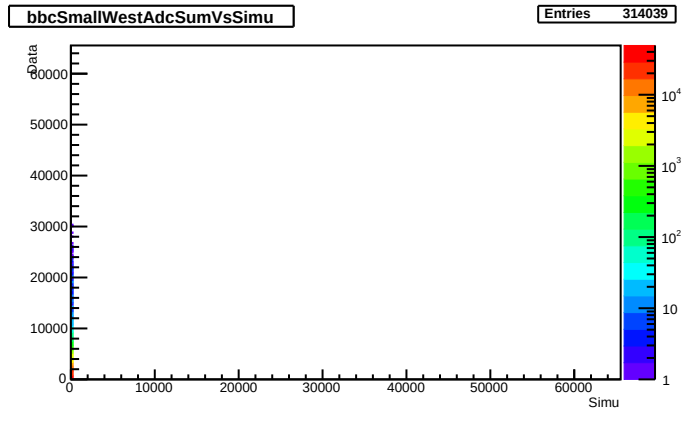

bbcSmallEastAdcSum
Entries 386094

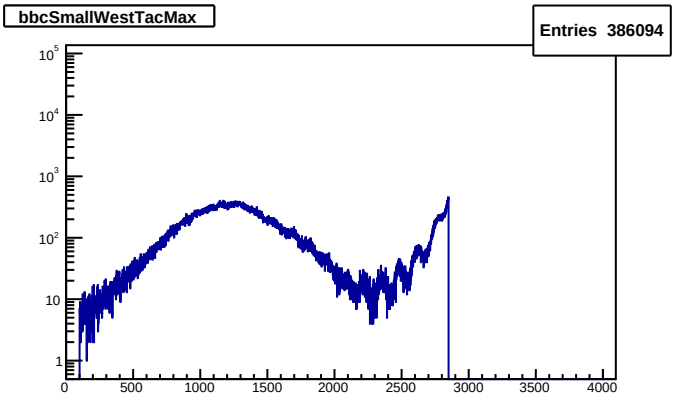

bbcSmallEastAdcSumVsSimu
Entries 296382
Data
Simu

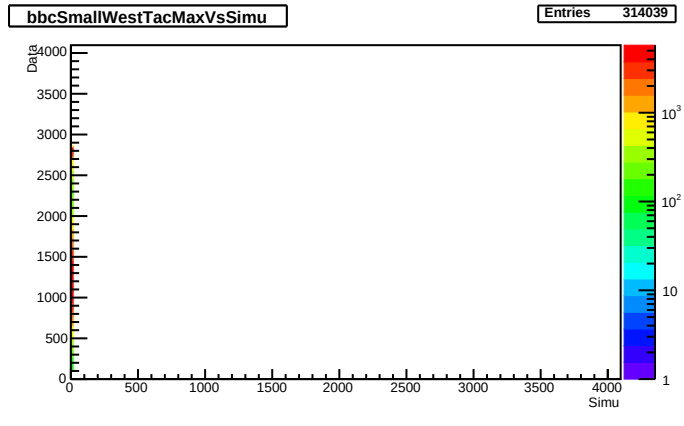

bbcSmallEastTacMax
Entries 386094

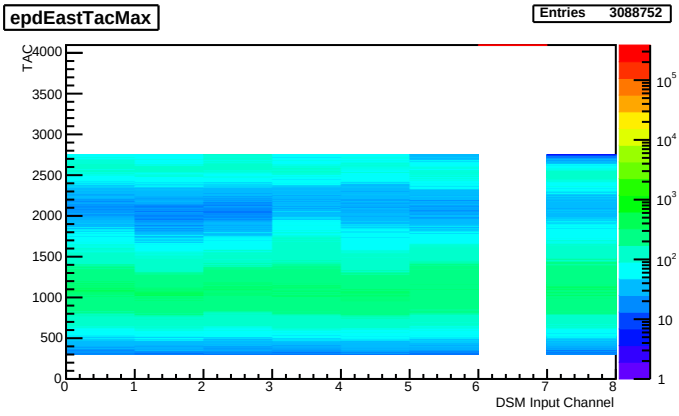

bbcSmallEastTacMaxVsSimu
Entries 296382
Data
Simu

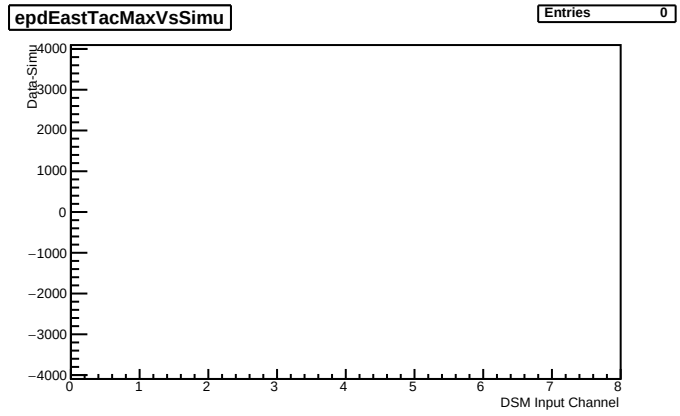

bbcSmallWestAdcSum
Entries 386094

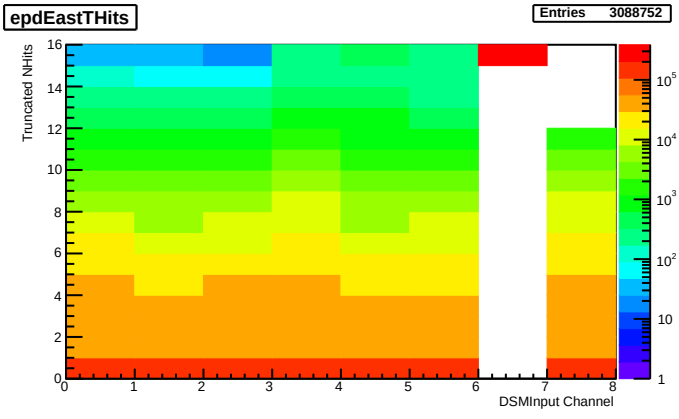

bbcSmallWestAdcSumVsSimu
Entries 314039
Data
Simu

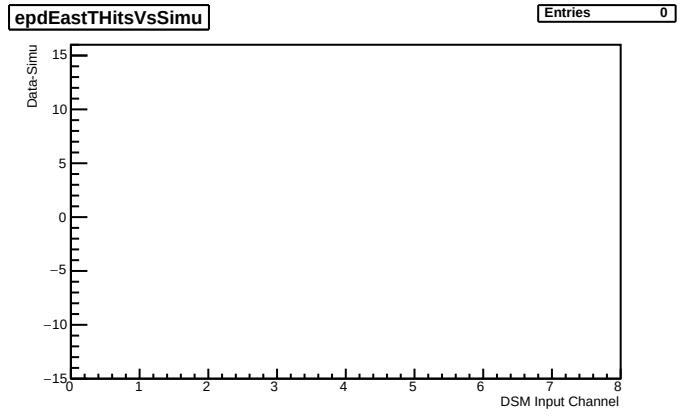

bbcSmallWestTacMax
Entries 386094

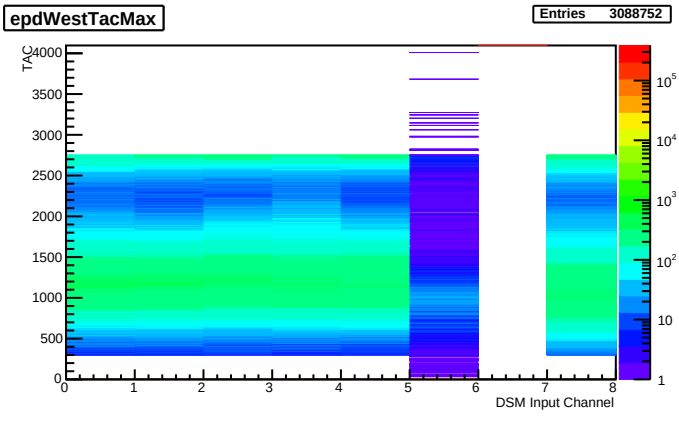

bbcSmallWestTacMaxVsSimu
Entries 314039
Data
Simu

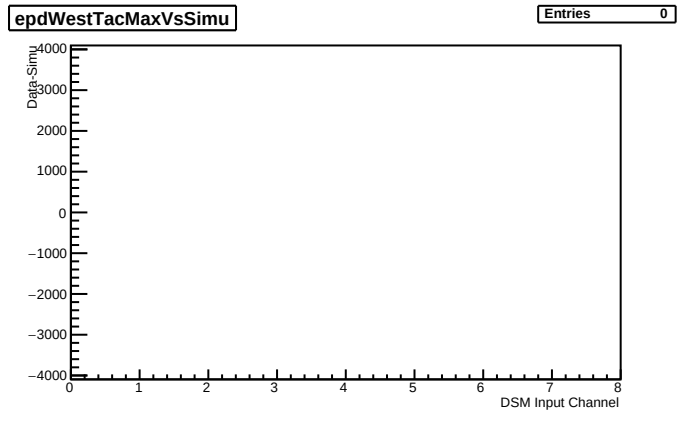

epdEastTacMax
Entries 3088752
TAC
DSM Input Channel

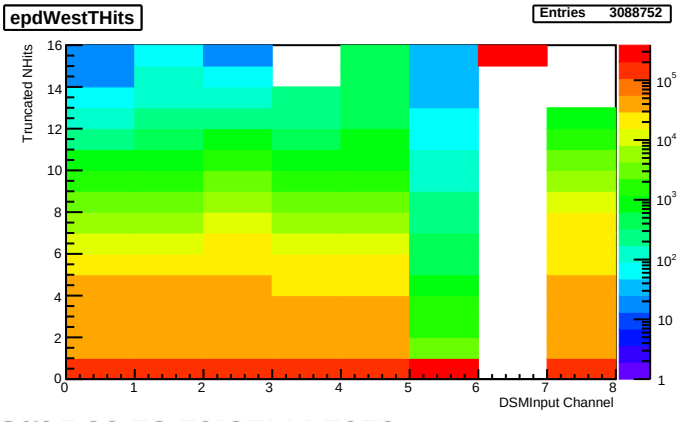

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

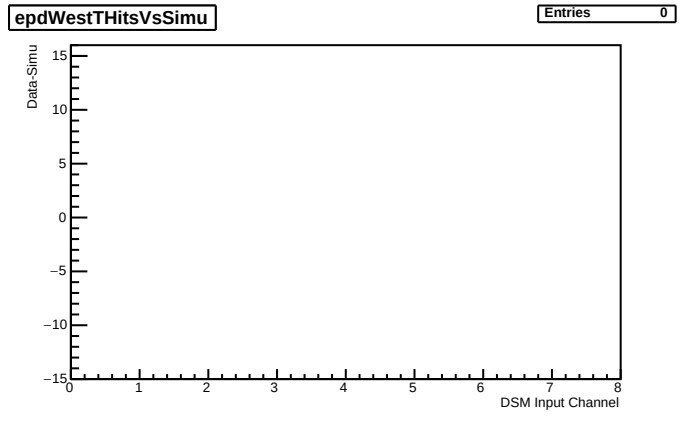

epdEastTHits
Entries 3088752
Truncated NHits
DSMInput Channel

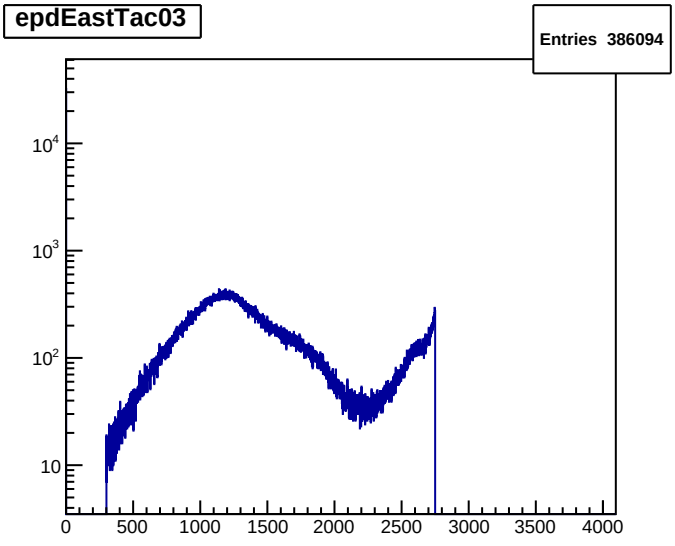

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

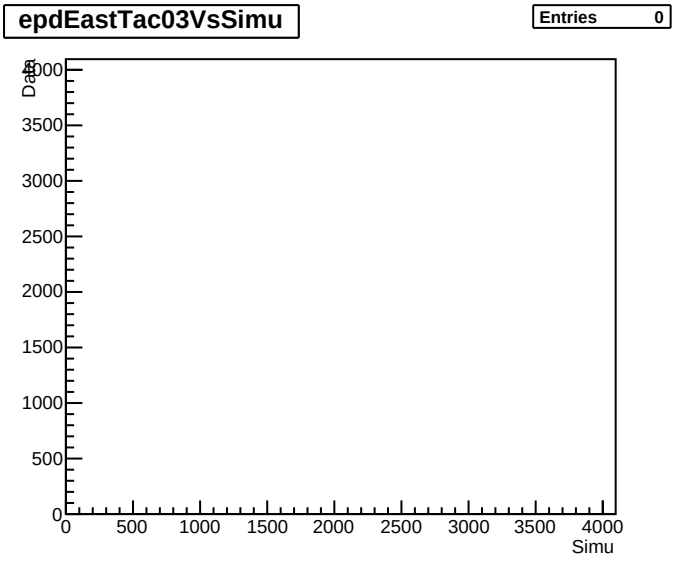

epdWestTacMax
Entries 3088752
TAC
DSM Input Channel

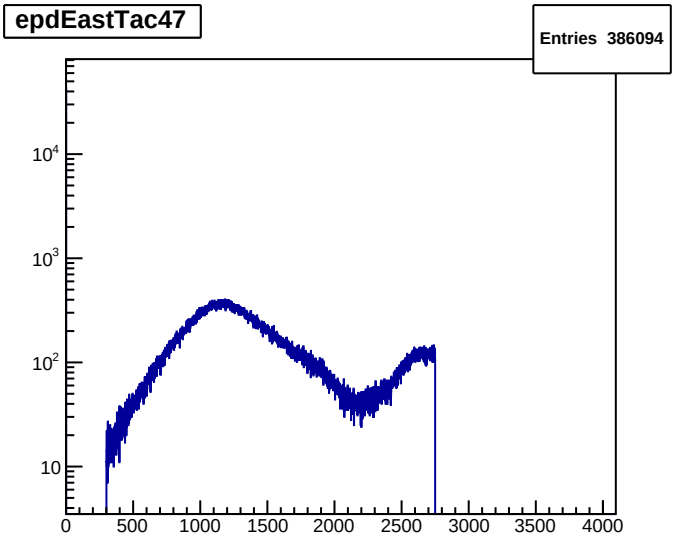

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

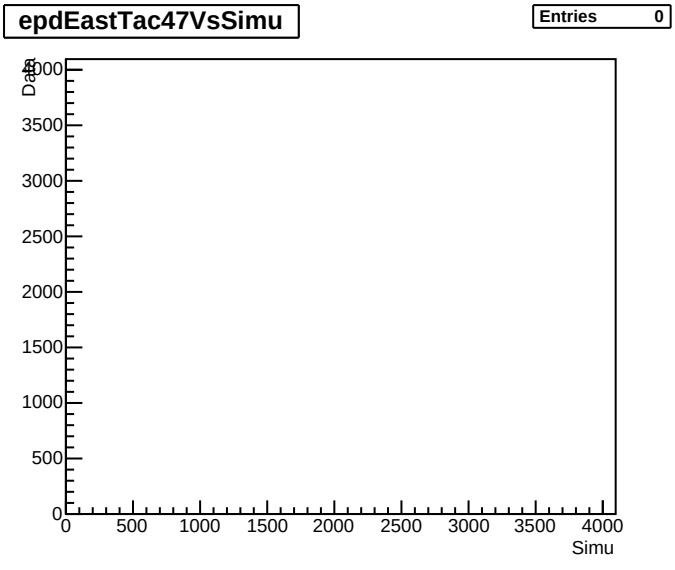

epdWestTHits
Entries 3088752
Truncated NHits
DSMInput Channel

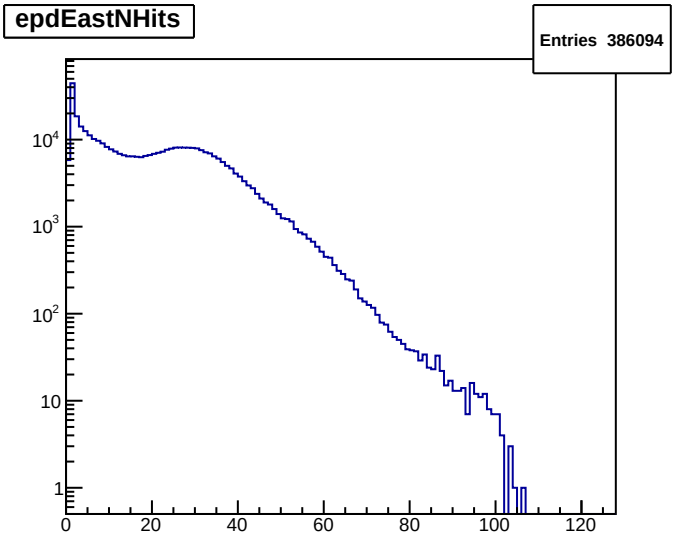

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

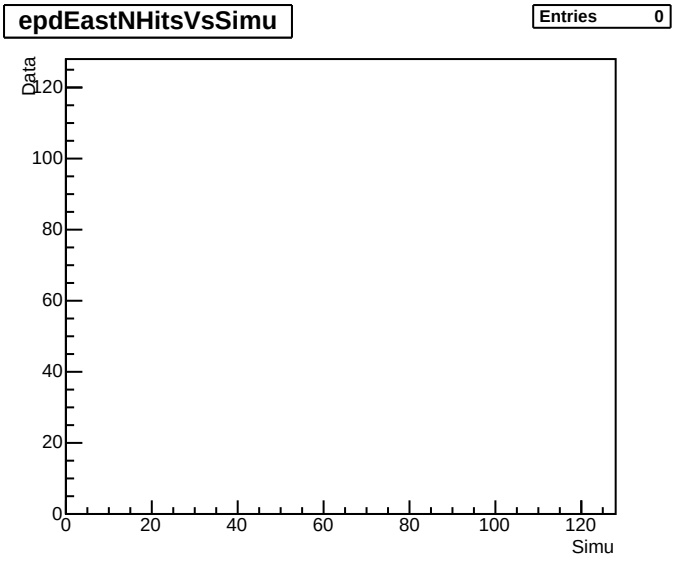

epdEastTac03
Entries 386094
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

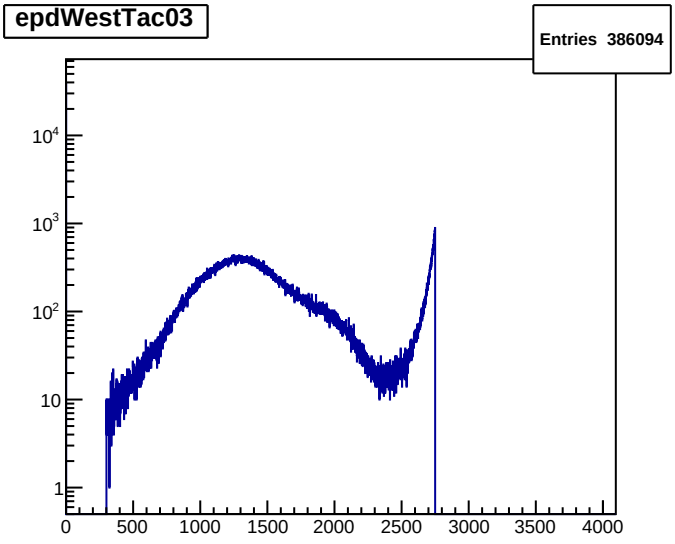

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

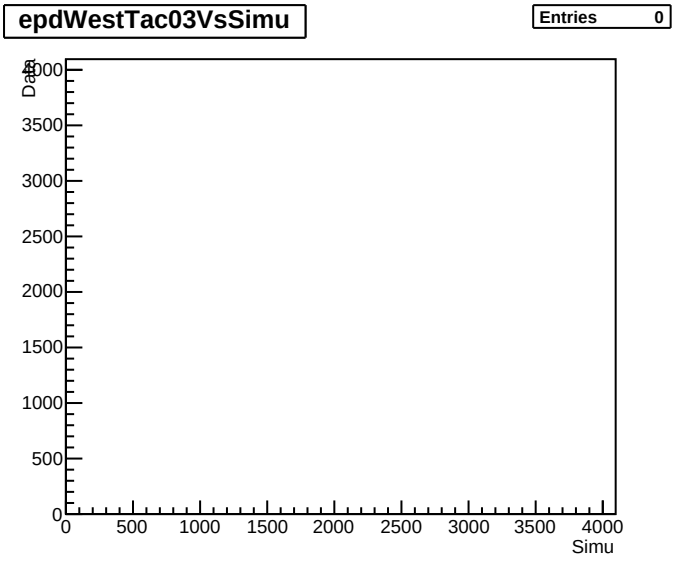

epdEastTac47
Entries 386094
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

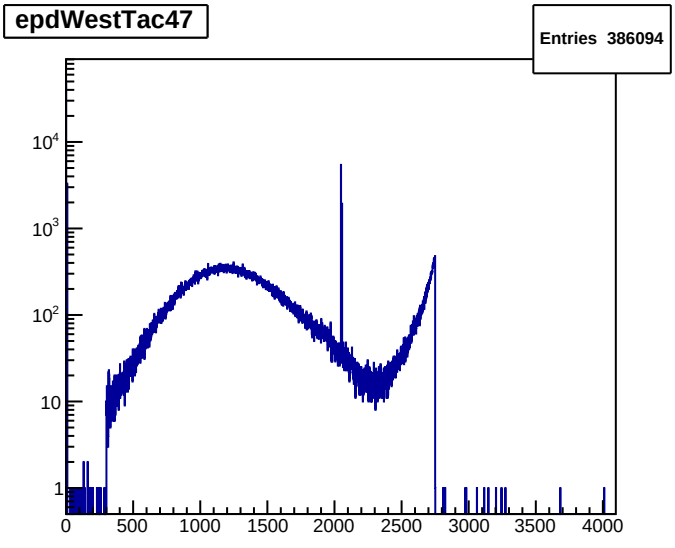

epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

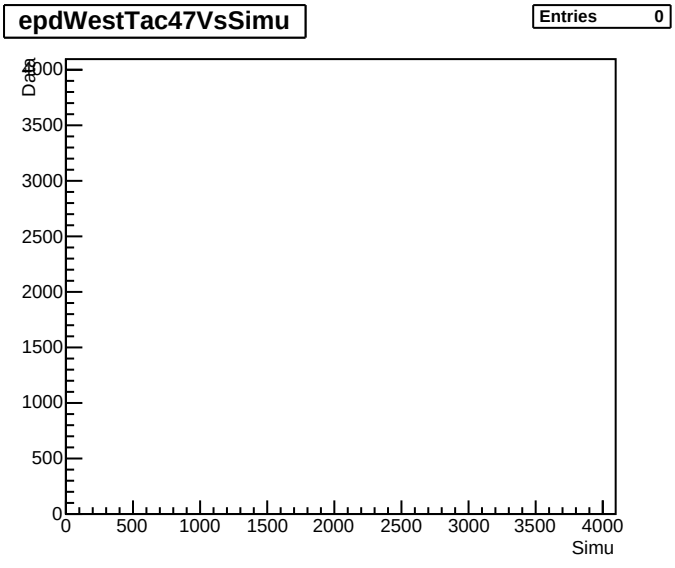

epdEastNHits
Entries 386094
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

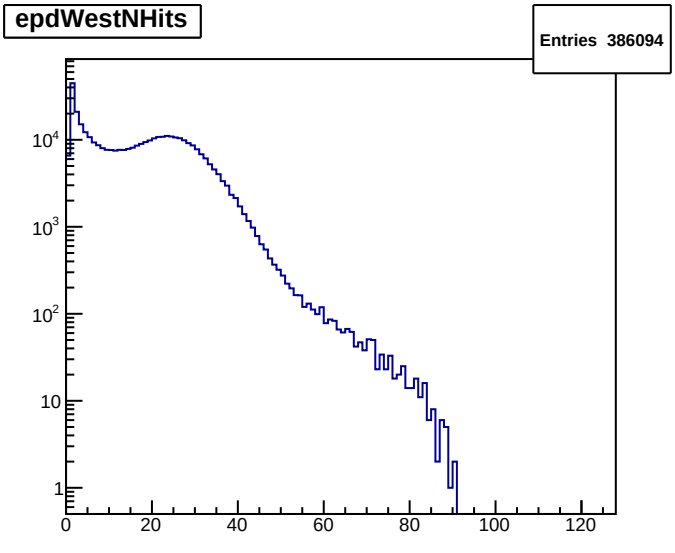

epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

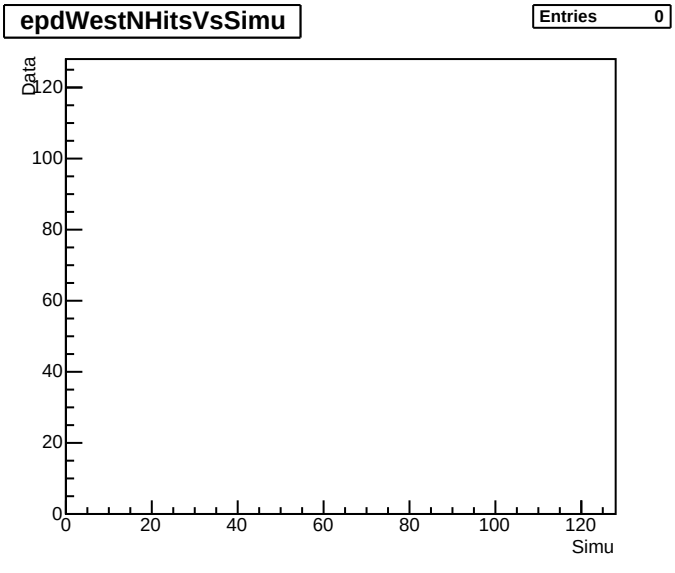

epdWestTac03
Entries 386094

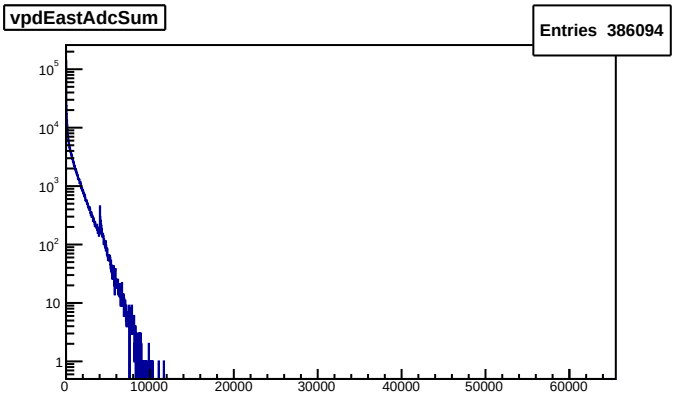

epdWestTac03VsSimu
Entries 0
Data
Simu

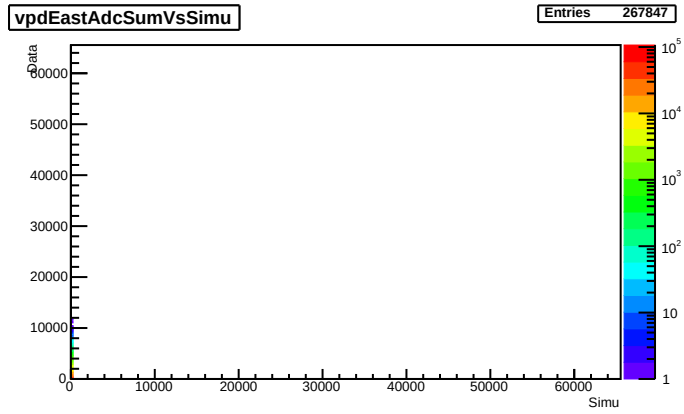

epdWestTac47
Entries 386094

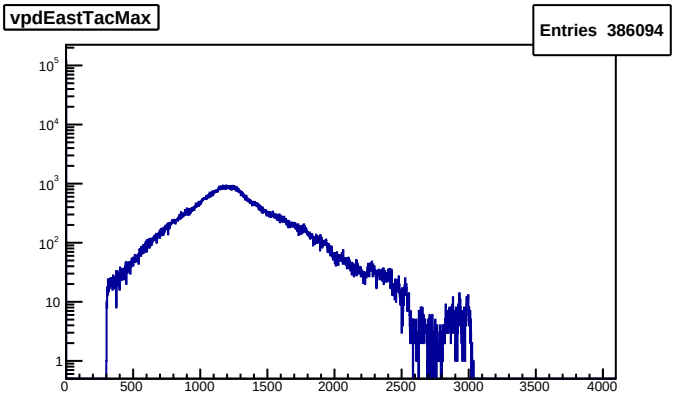

epdWestTac47VsSimu
Entries 0
Data
Simu

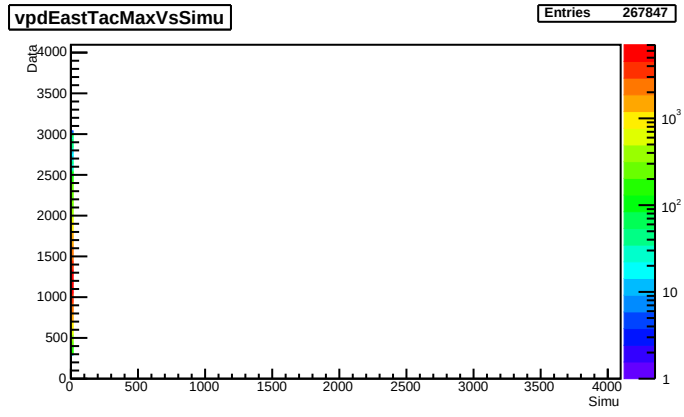

epdWestNHits
Entries 386094

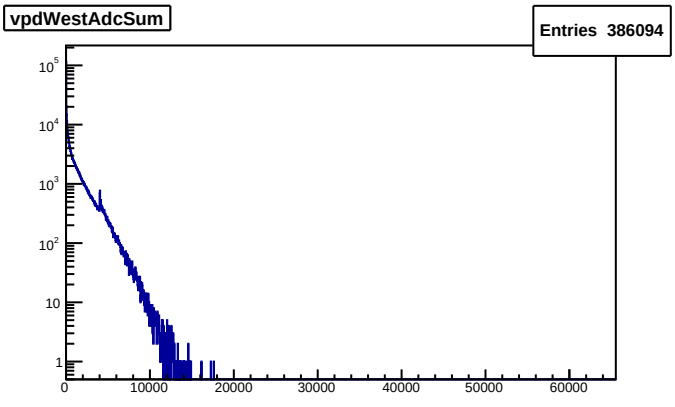

epdWestNHitsVsSimu
Entries 0
Data
Simu

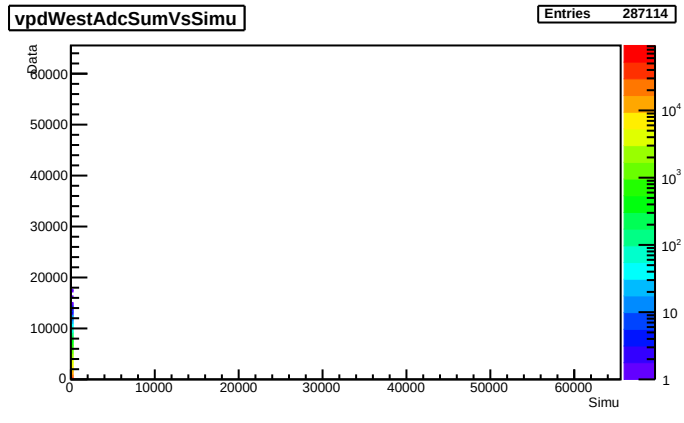

vpdEastAdcSum
Entries 386094

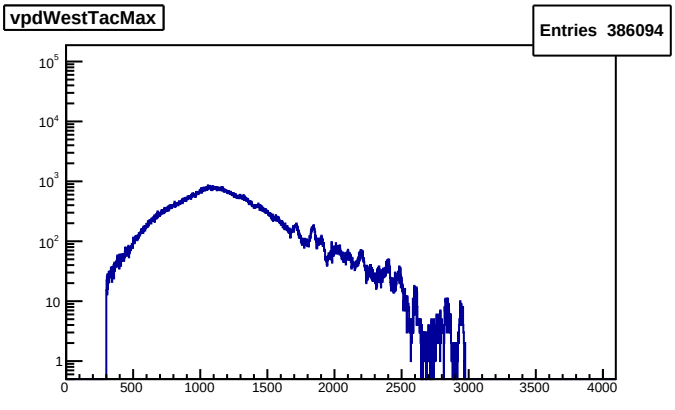

vpdEastAdcSumVsSimu
Entries 267847
Data
Simu

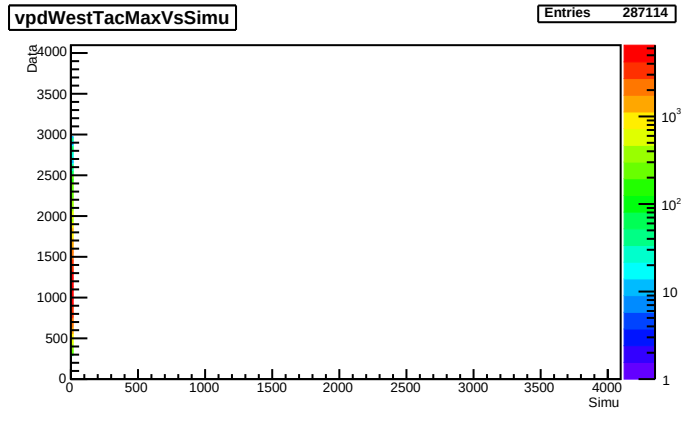

vpdEastTacMax
Entries 386094

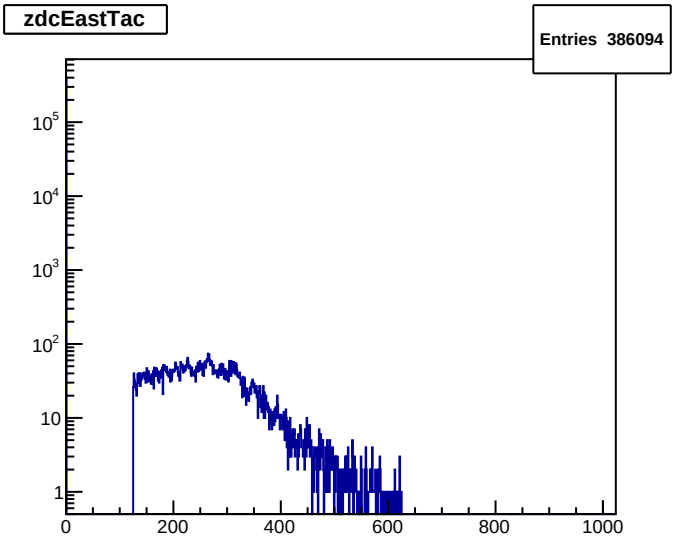

vpdEastTacMaxVsSimu
Entries 267847
Data
Simu

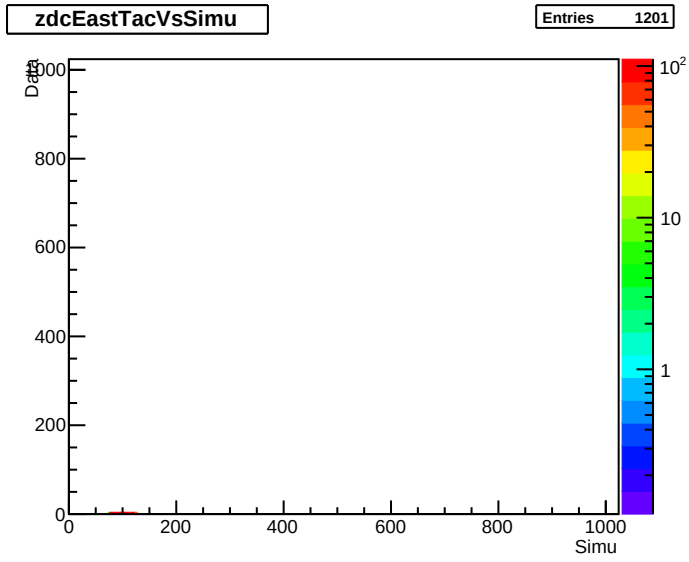

vpdWestAdcSum
Entries 386094

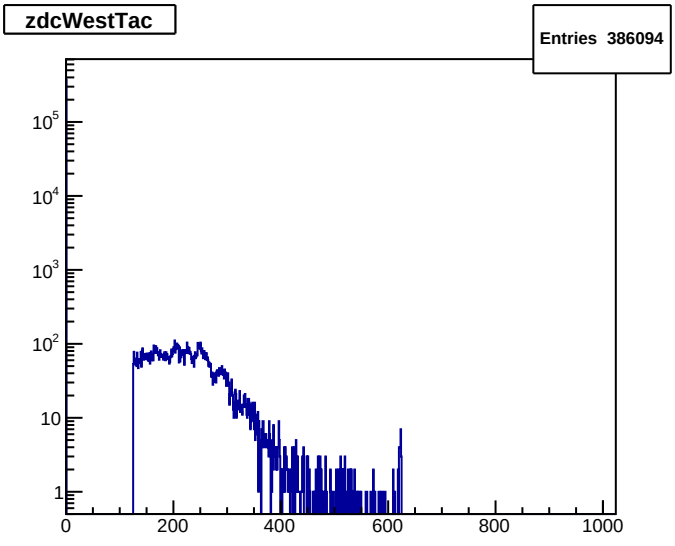

vpdWestAdcSumVsSimu
Entries 287114
Data
Simu

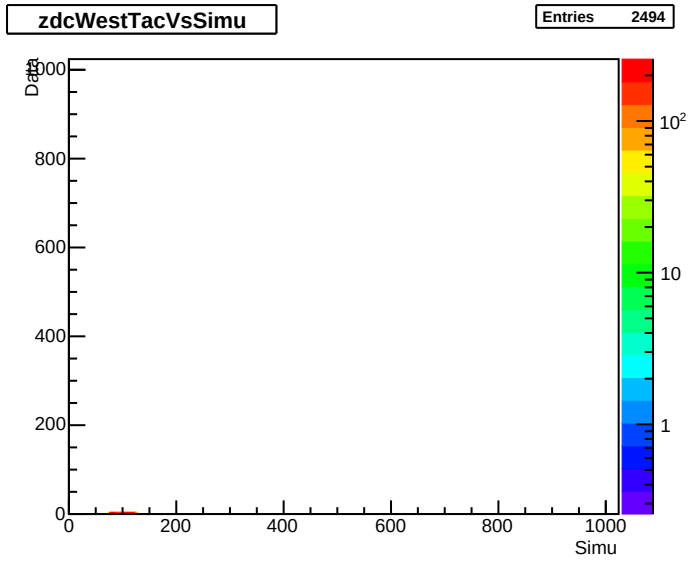

vpdWestTacMax
Entries 386094

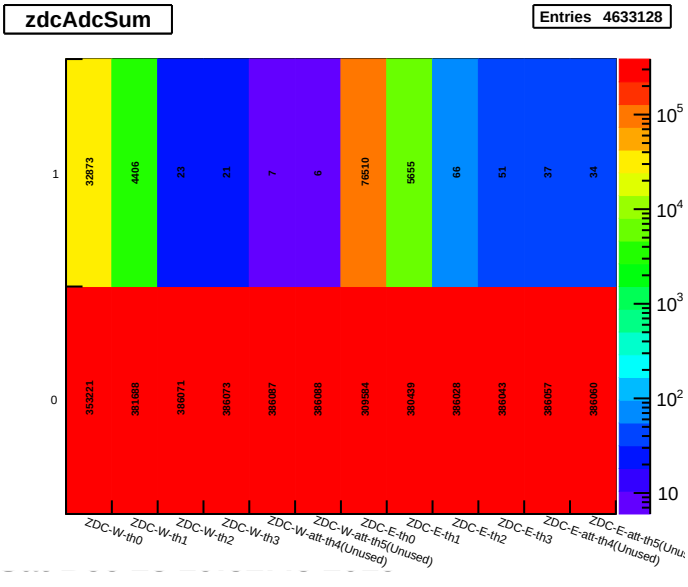

vpdWestTacMaxVsSimu
Entries 287114
Data
Simu

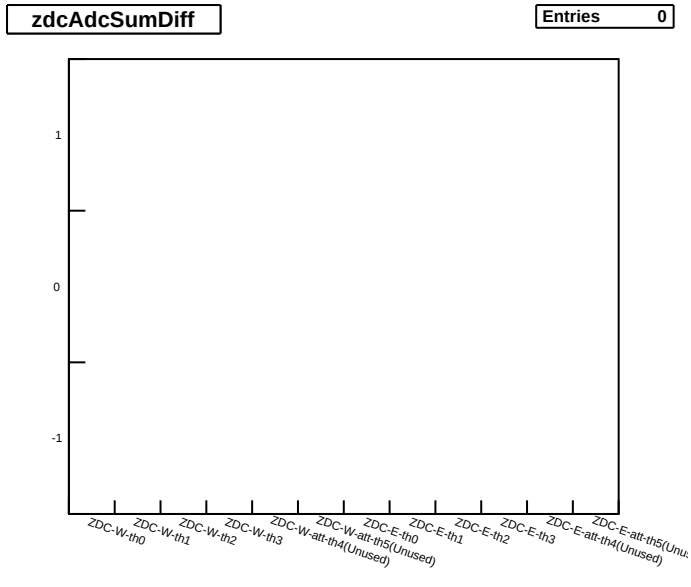

zdcEastTac
Entries 386094

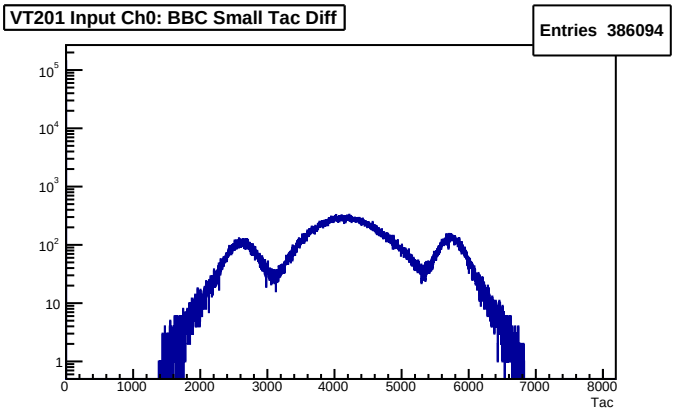

zdcEastTacVsSimu
Entries 1201
Data
Simu

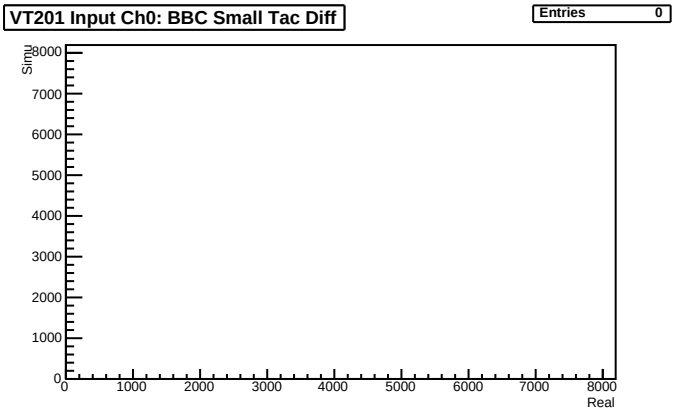

zdcWestTac
Entries 386094

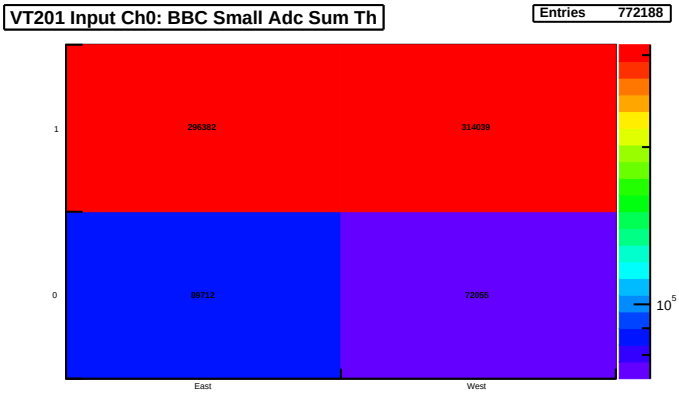

zdcWestTacVsSimu
Entries 2494
Data
Simu

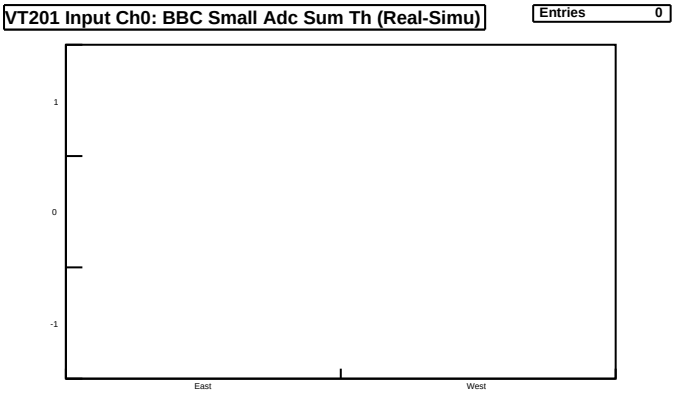

zdcAdcSum
Entries 4633128
32873
4406
23
21
7
6
76510
5655
66
51
37
34
353221
381688
386071
386073
386087
386088
309584
380439
386028
386043
386057
386060
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

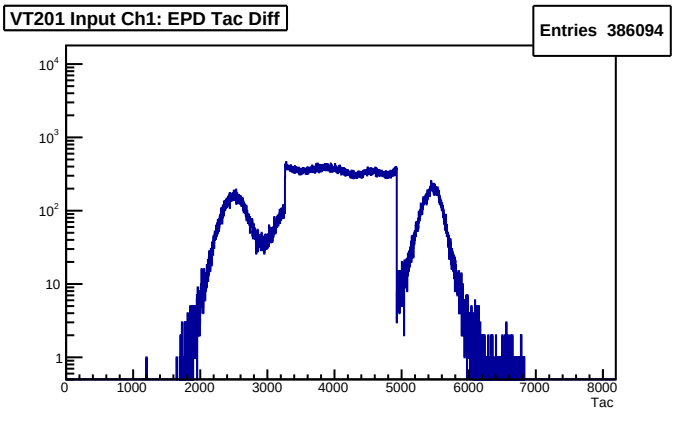

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

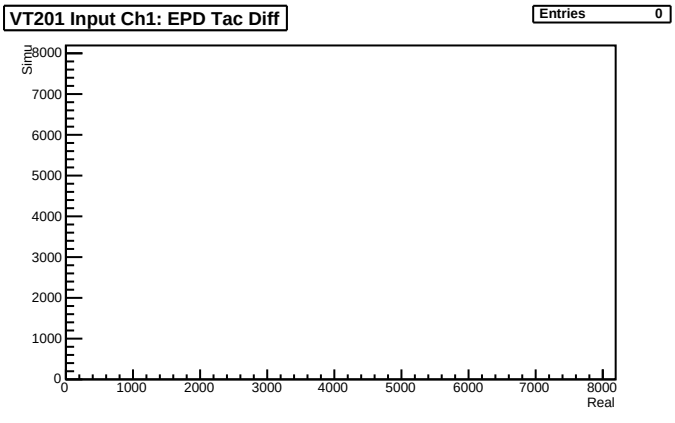

VT201 Input Ch0: BBC Small Tac Diff
Entries 386094
Tac

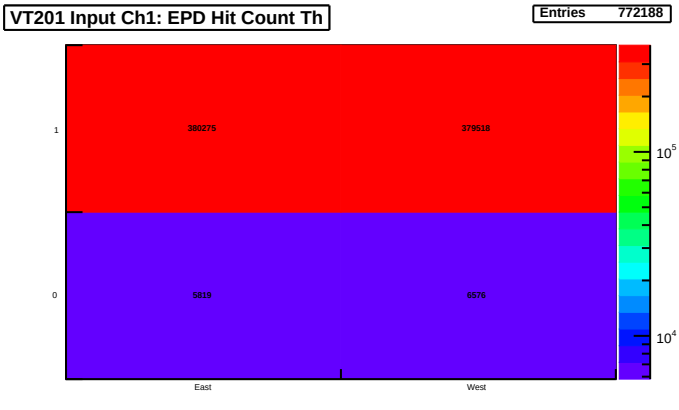

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

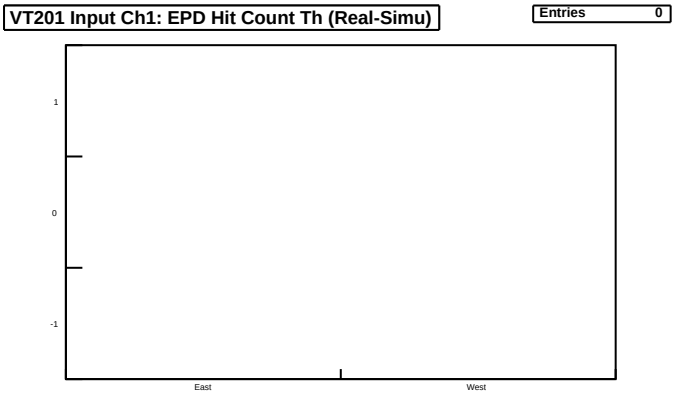

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 772188
296382
314039
89712
72055
East
West

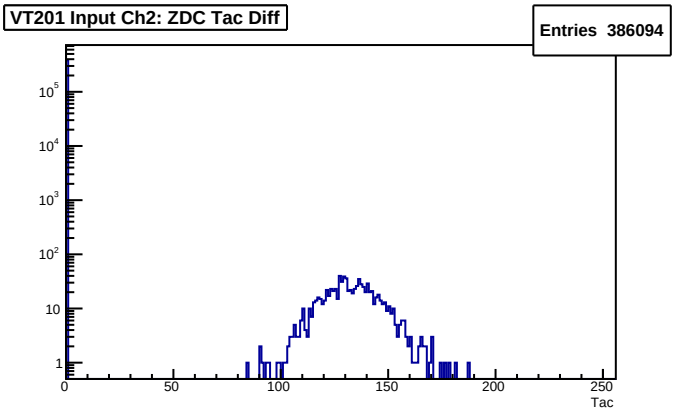

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

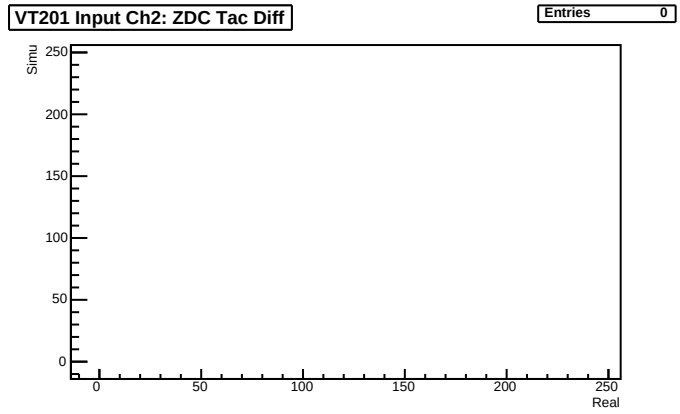

VT201 Input Ch1: EPD Tac Diff
Entries 386094
Tac

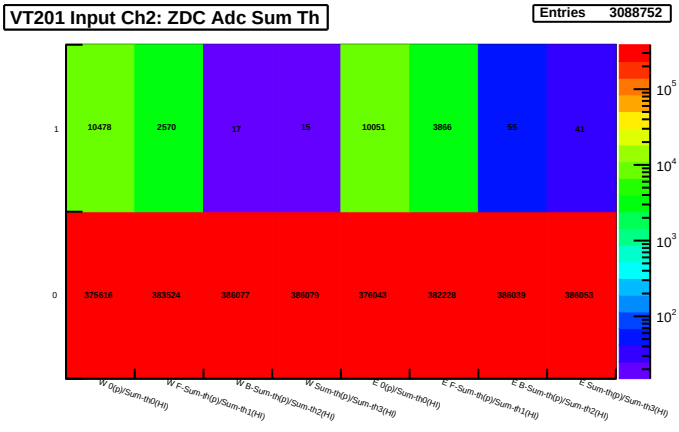

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

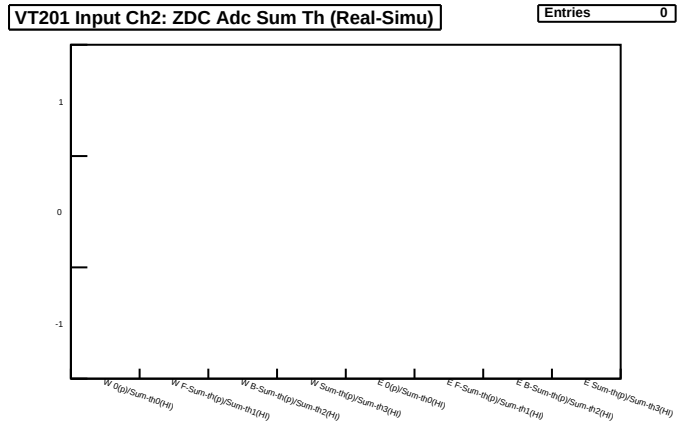

VT201 Input Ch1: EPD Hit Count Th
Entries 772188
380275
379518
5819
6576
East
West

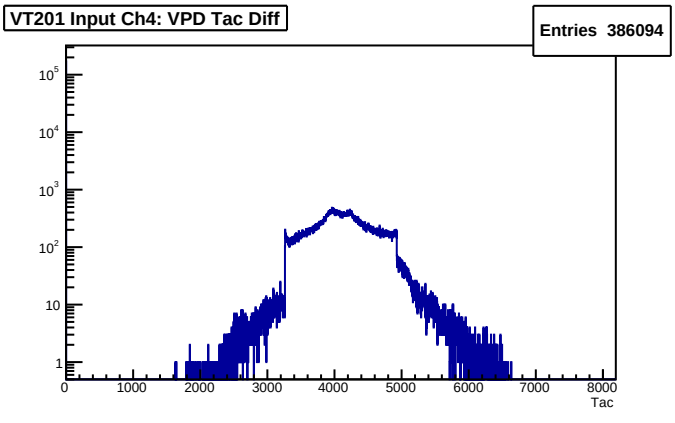

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

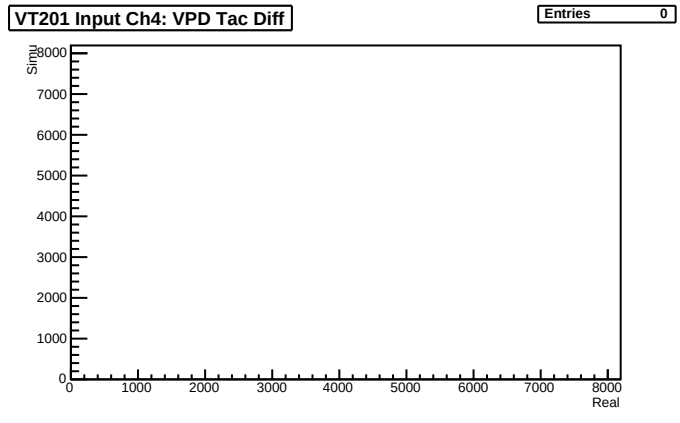

VT201 Input Ch2: ZDC Tac Diff
Entries 386094
Tac

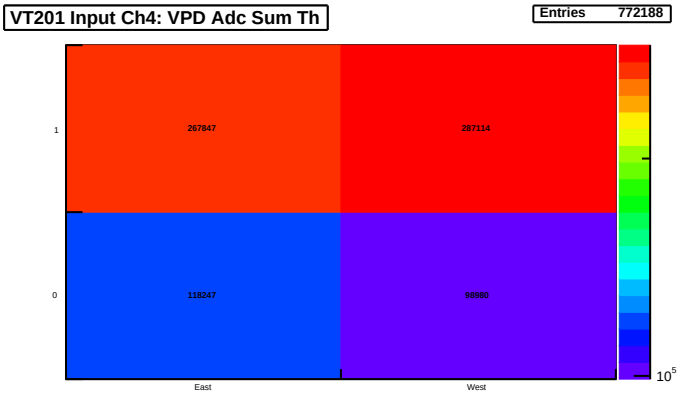

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

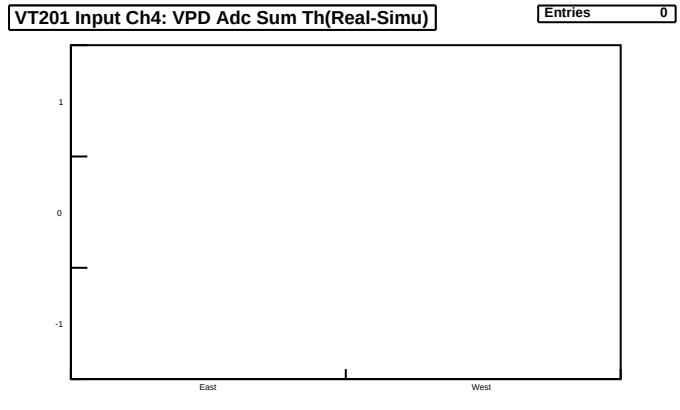

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3088752
10478
2570
17
15
10051
3866
55
41
375616
383524
386077
386079
376043
382228
386039
386053
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

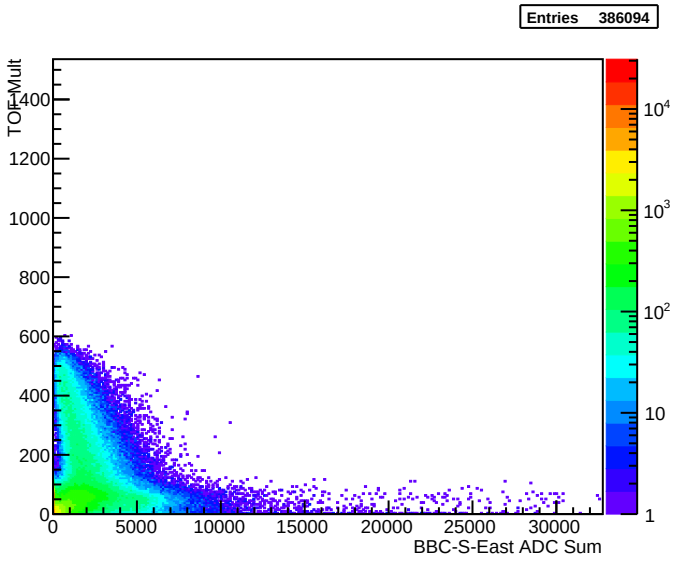

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

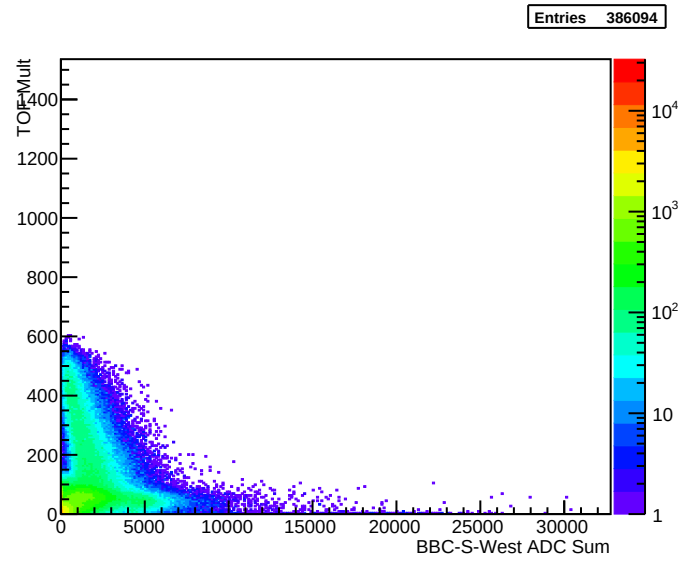

VT201 Input Ch4: VPD Tac Diff
Entries 386094
Tac

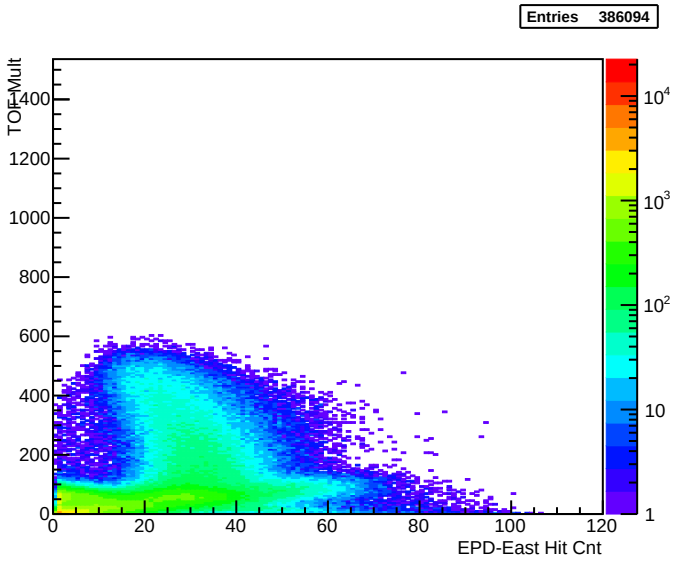

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

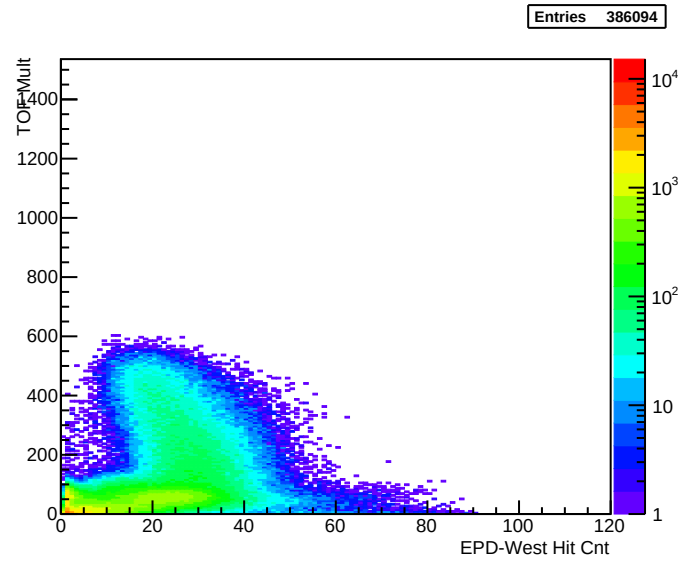

VT201 Input Ch4: VPD Adc Sum Th
Entries 772188
267847
287114
118247
98980
East
West

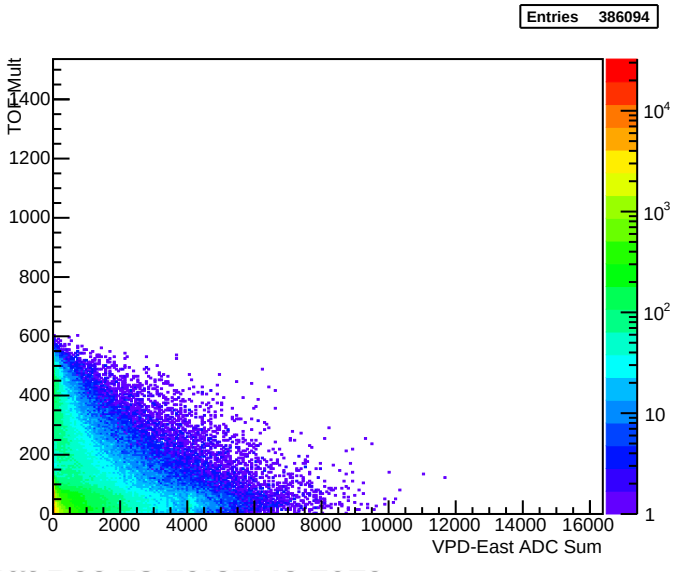

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

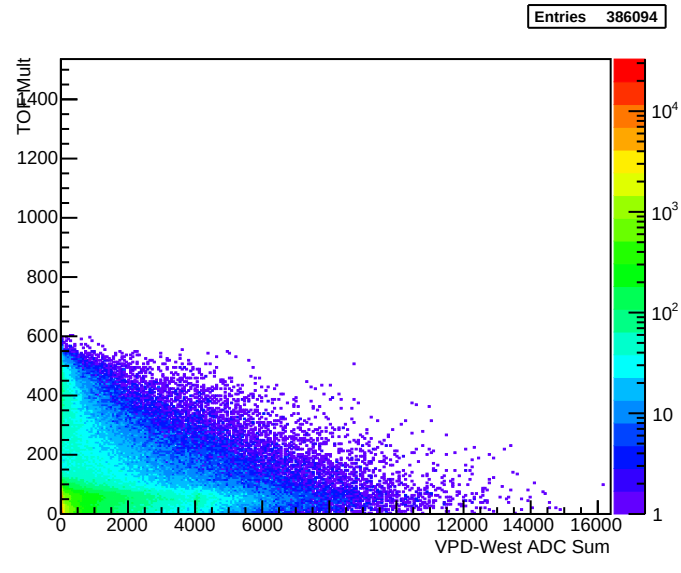

Entries 386094
TOF-Mult
BBC-S-East ADC Sum

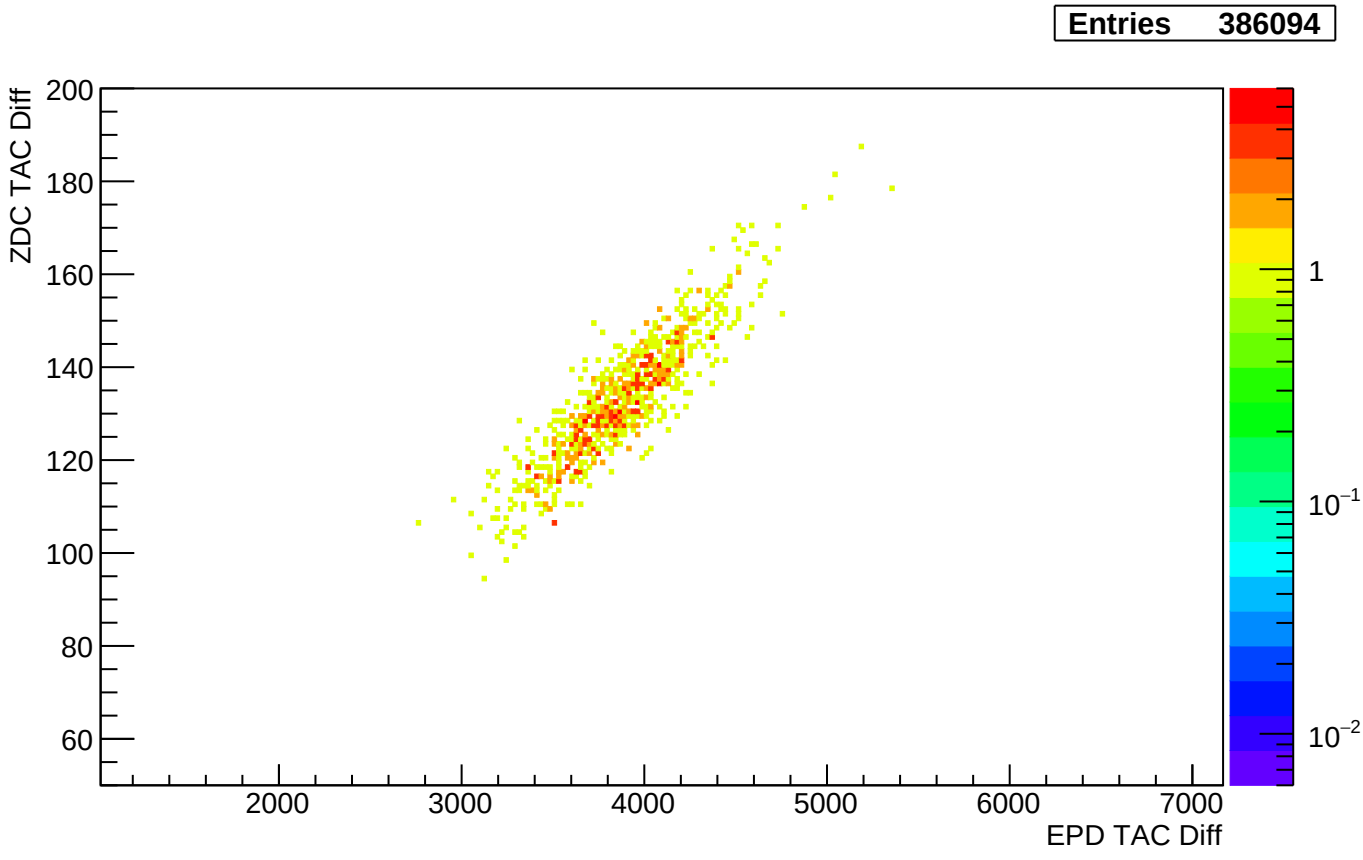

Entries 386094
TOF-Mult
BBC-S-West ADC Sum

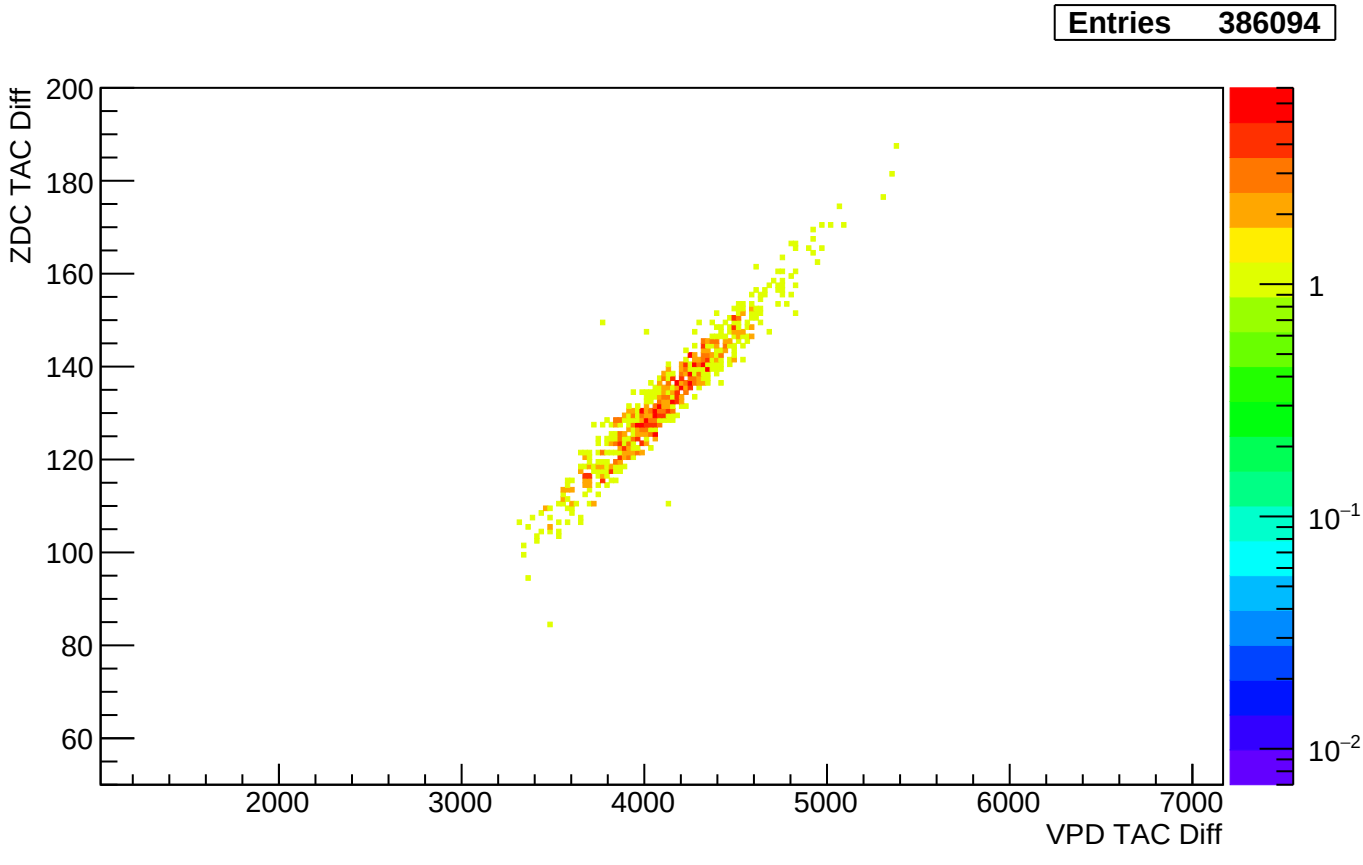

Entries 386094
TOF-Mult
EPD-East Hit Cnt

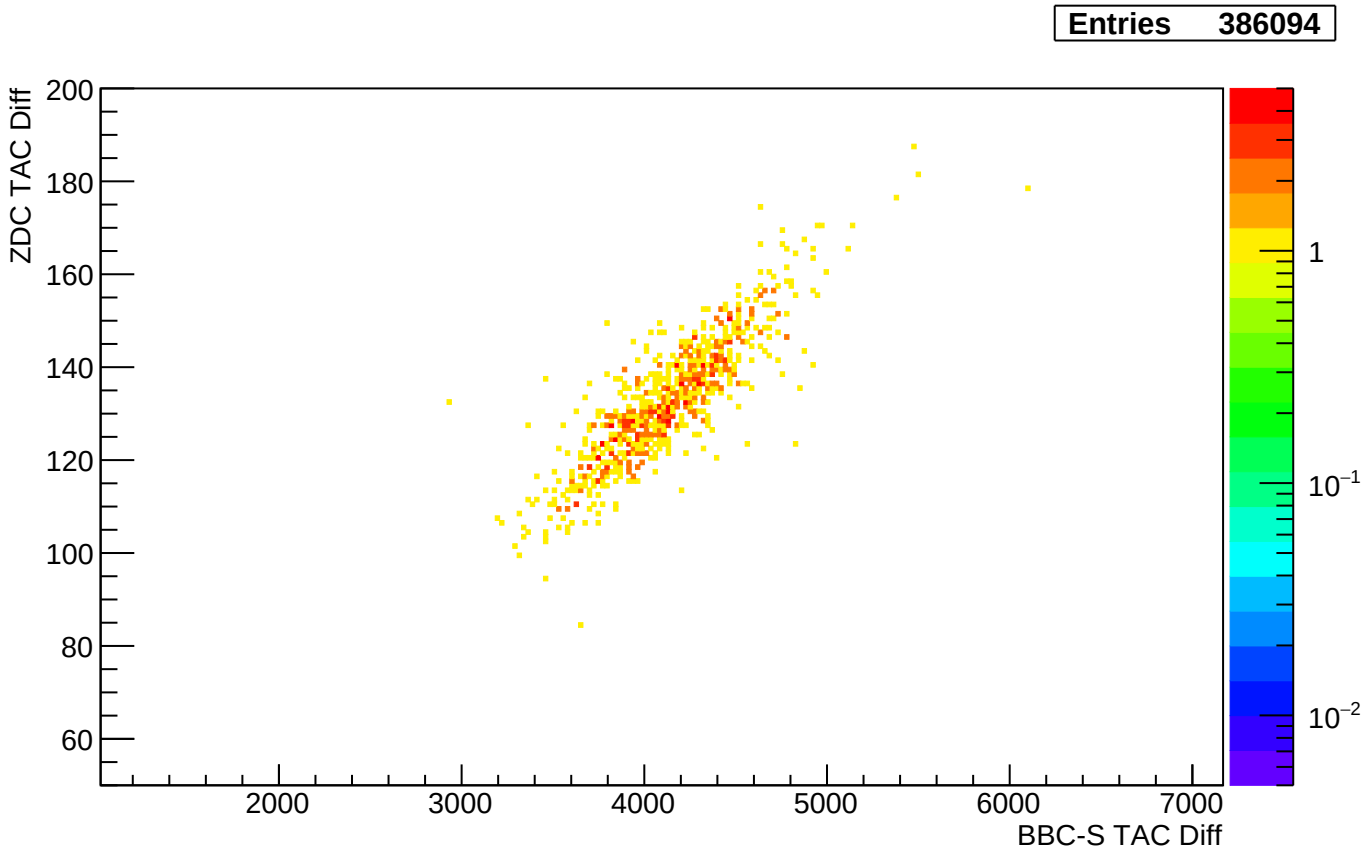

Entries 386094
TOF-Mult
EPD-West Hit Cnt

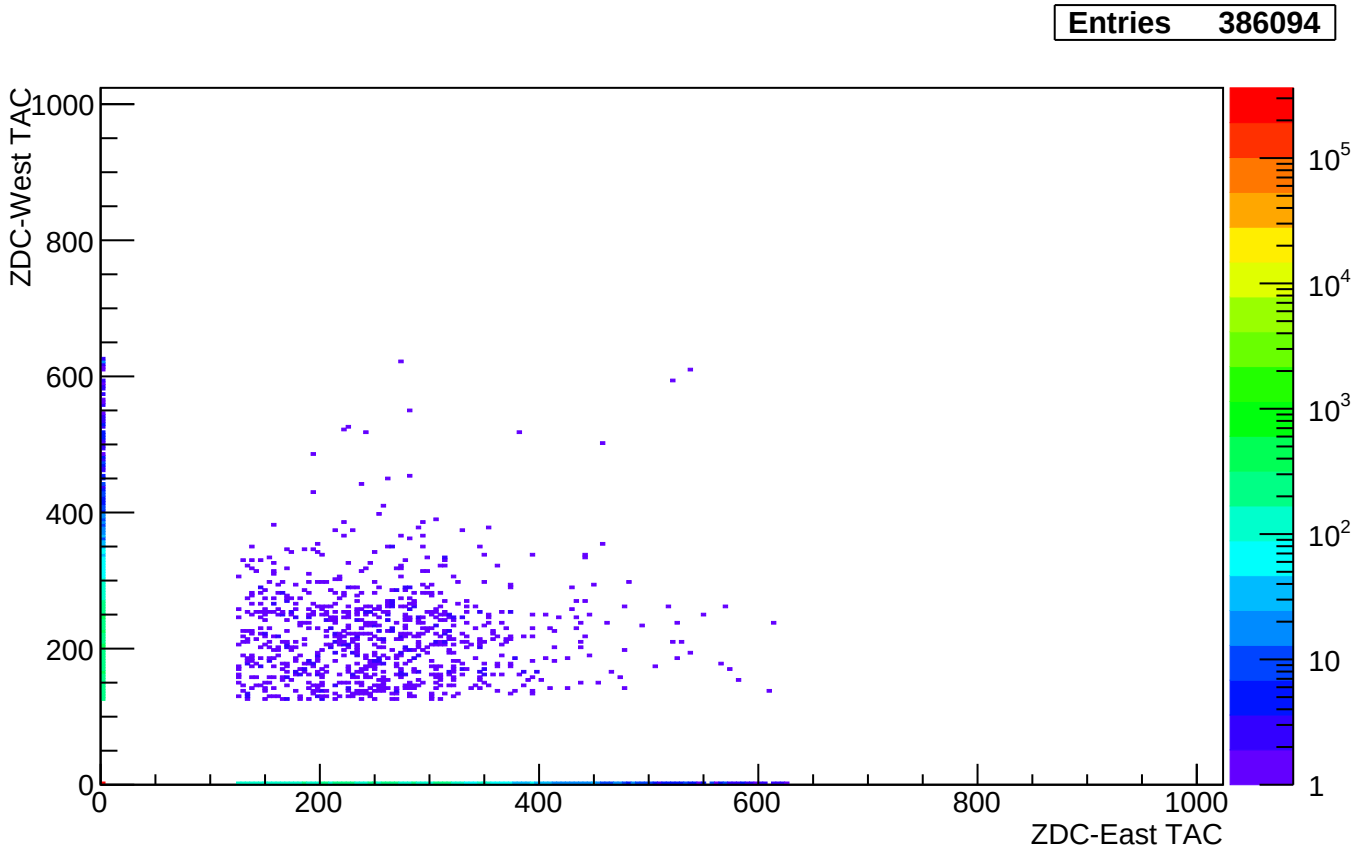

Entries 386094
TOF-Mult
VPD-East ADC Sum

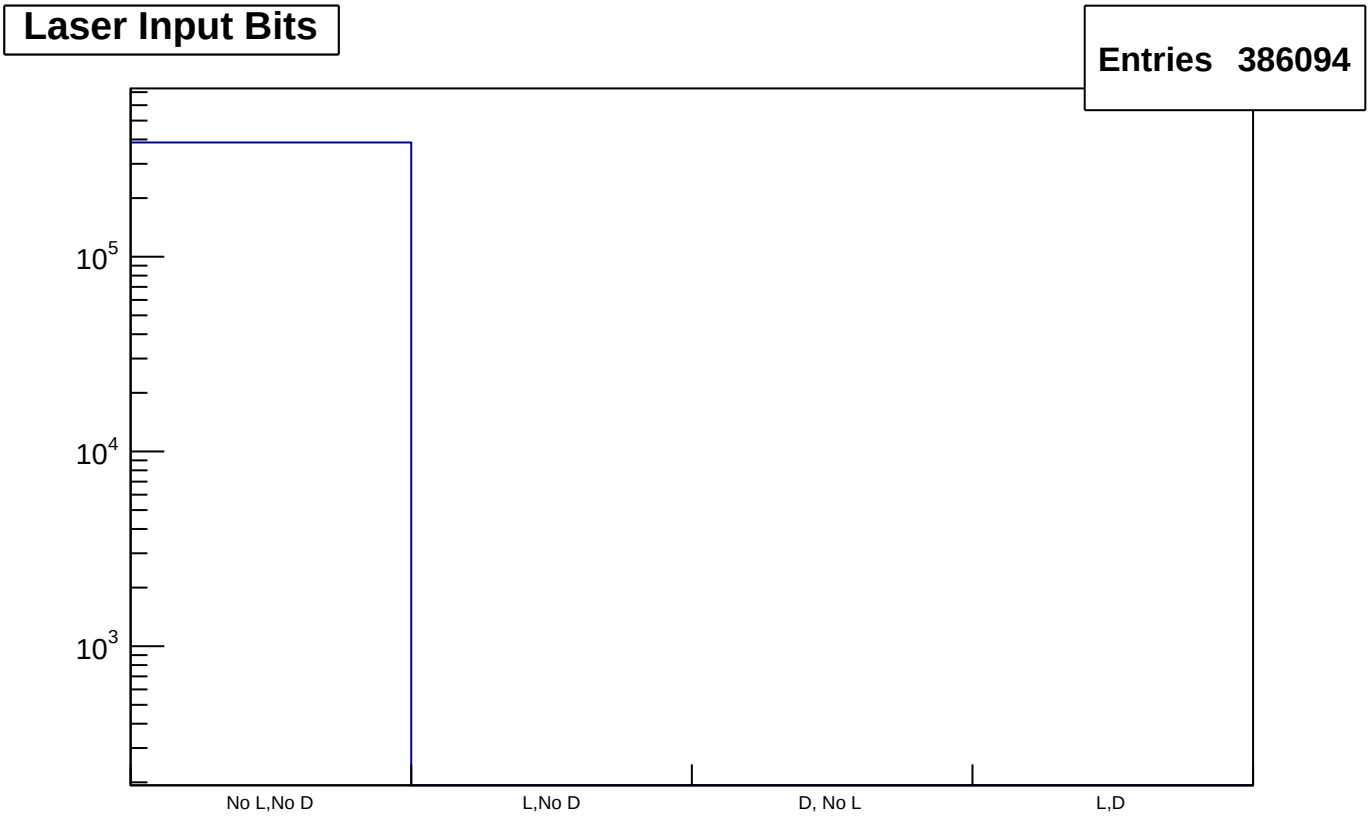

Entries 386094
TOF-Mult
VPD-West ADC Sum

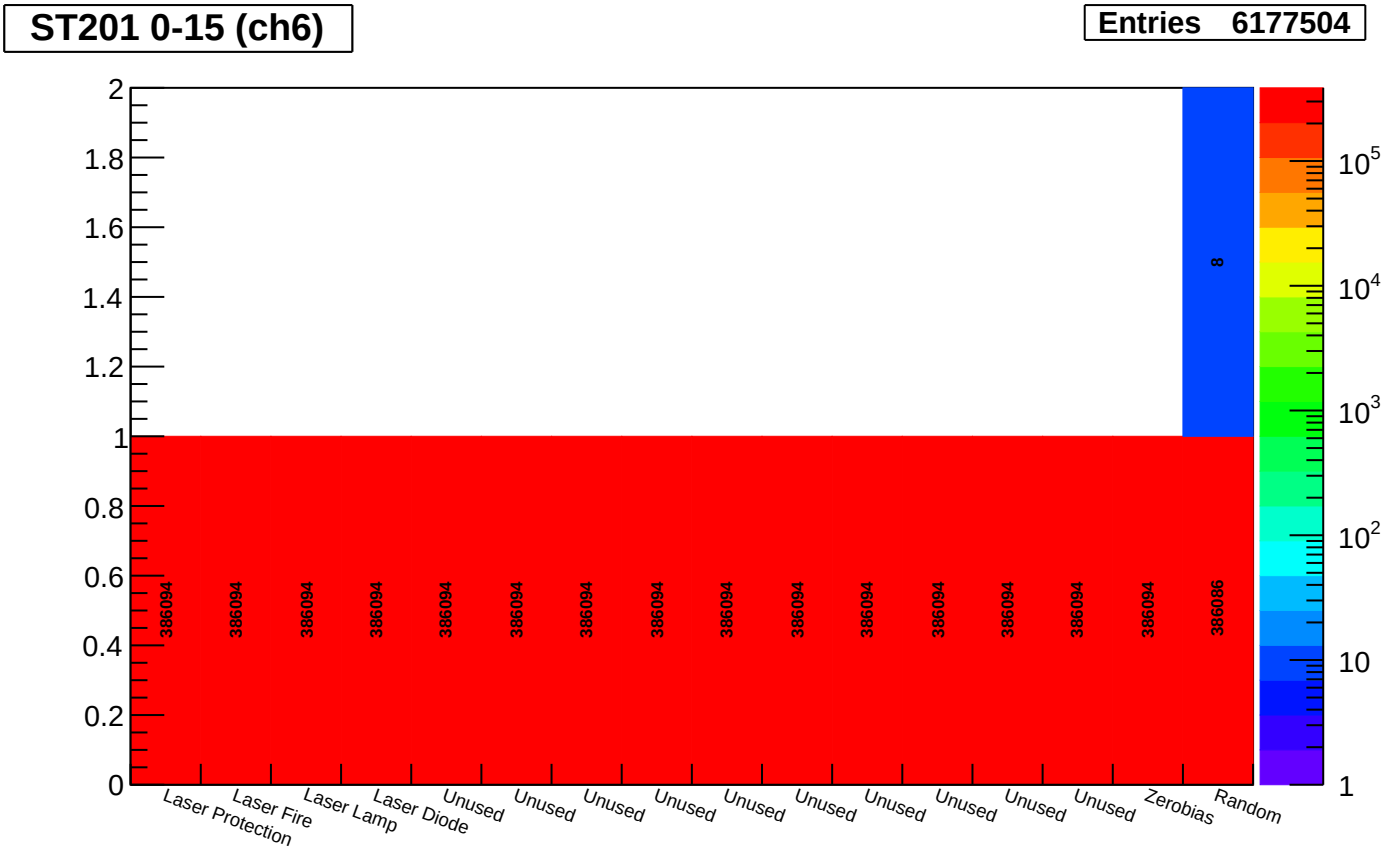

Entries 386094
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

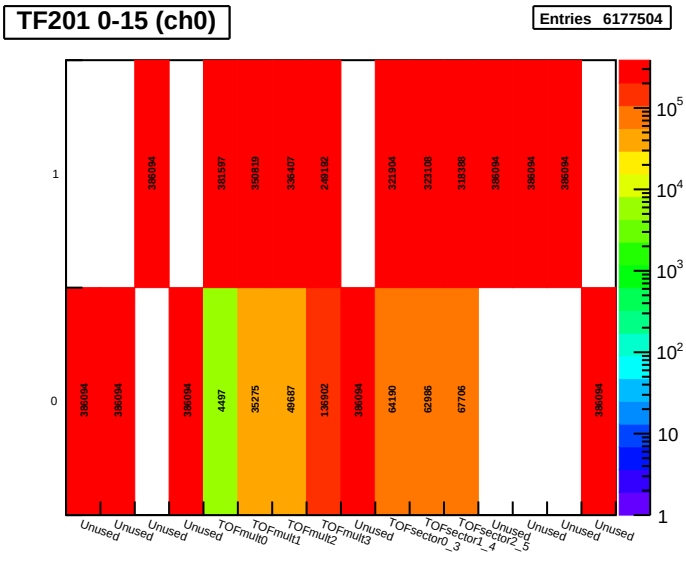

Entries 386094
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

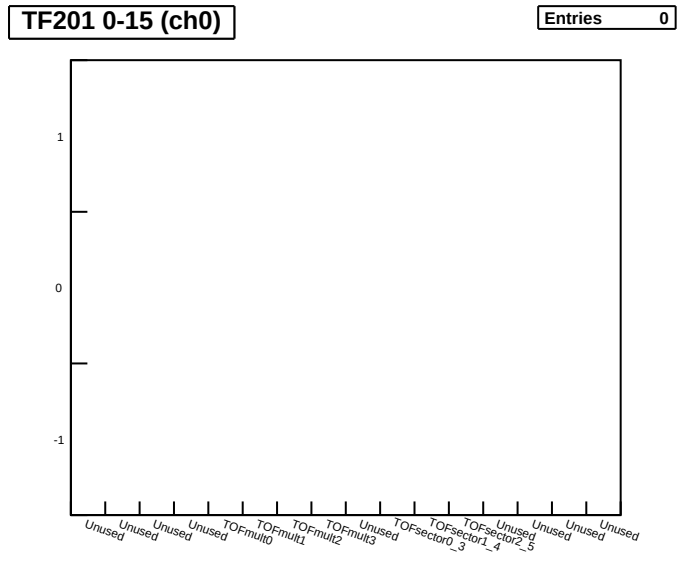

Entries 386094
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

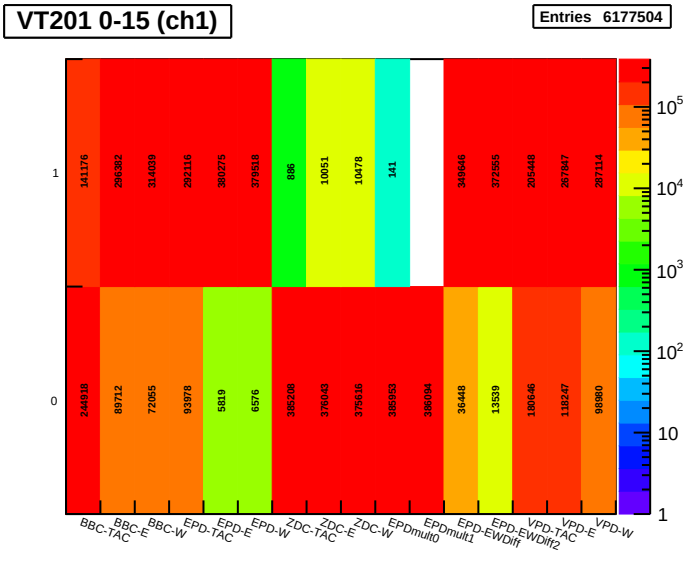

Entries 386094
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

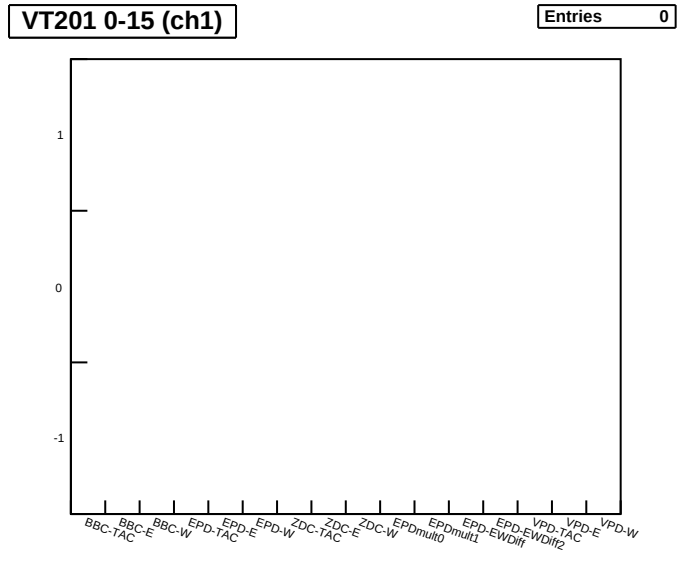

Laser Input Bits
Entries 386094
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

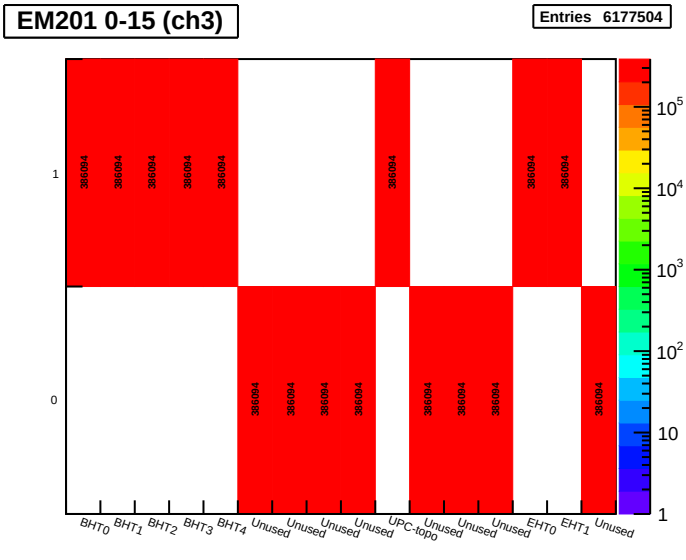

ST201 0-15 (ch6)
Entries 6177504
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
386094
386086
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

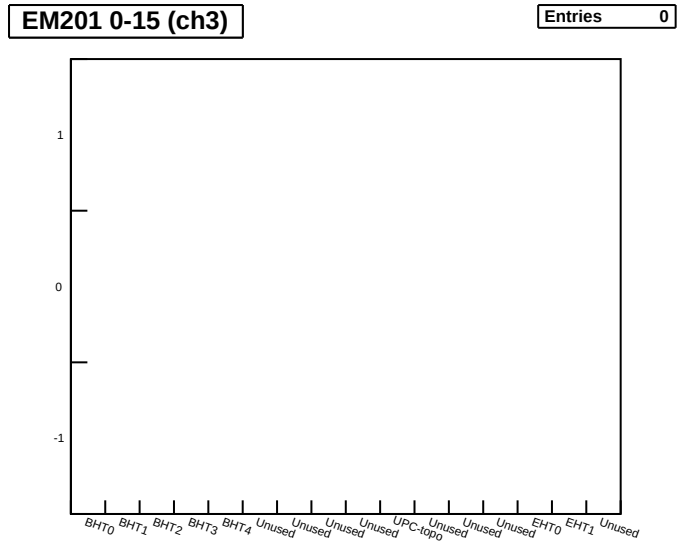

TF201 0-15 (ch0)
Entries 6177504
1
0
386094 386094 386094 386094 386094 381597 350819 336407 249192 386094 321904 322108 318388 386094 386094 386094
386094 386094 386094 4497 35275 49667 136902 386094 64190 62986 67706 386094
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 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 6177504
1
0
141176 296382 314039 292116 360275 379518 886 10051 10478 141 349646 372555 205448 267847 287114
244918 89712 72055 93978 5819 6576 385208 376043 375616 385953 386094 36448 13539 180646 118247 98980
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 6177504
1
0
386094 386094 386094 386094 386094 386094 386094 386094 386094
386094 386094 386094 386094 386094 386094 386094 386094
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