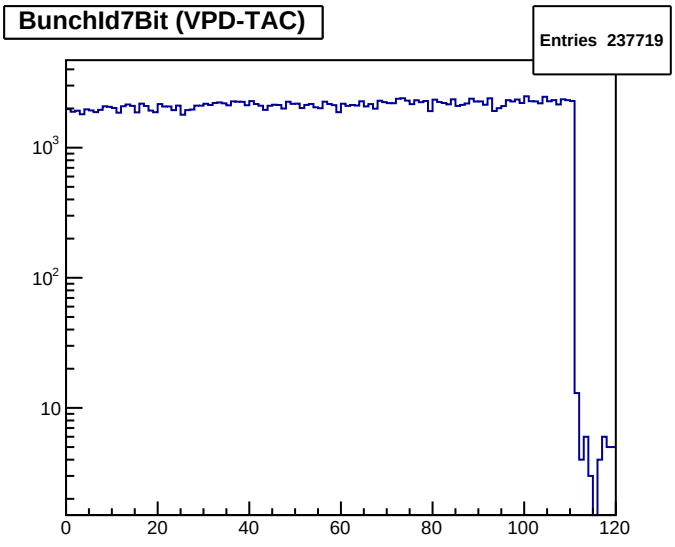
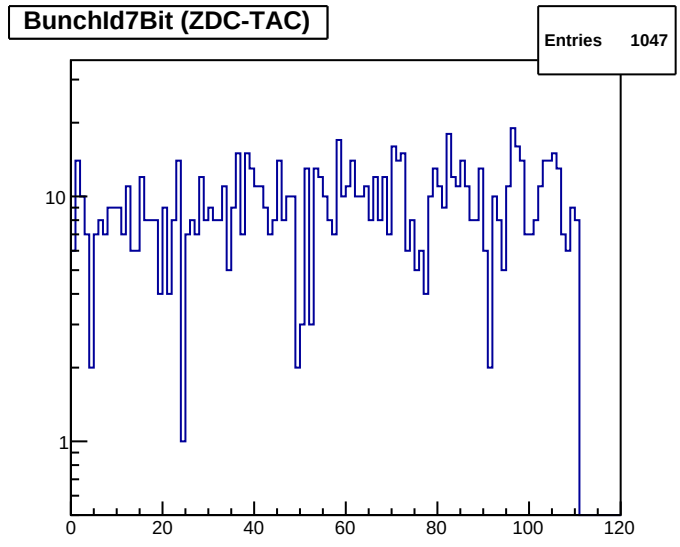
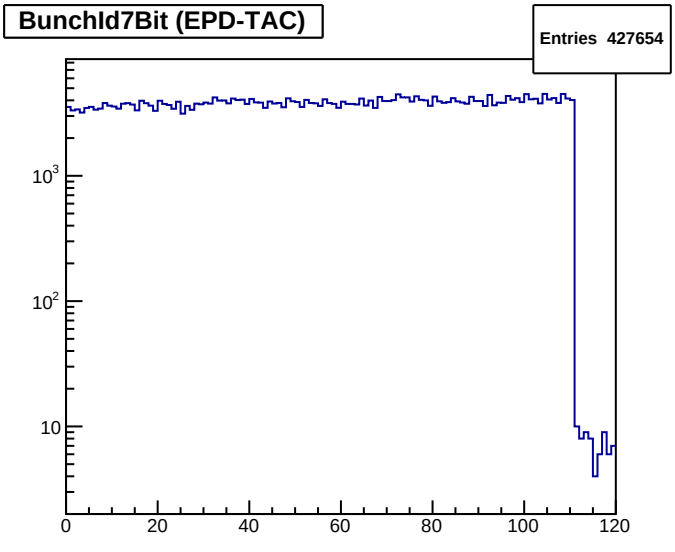
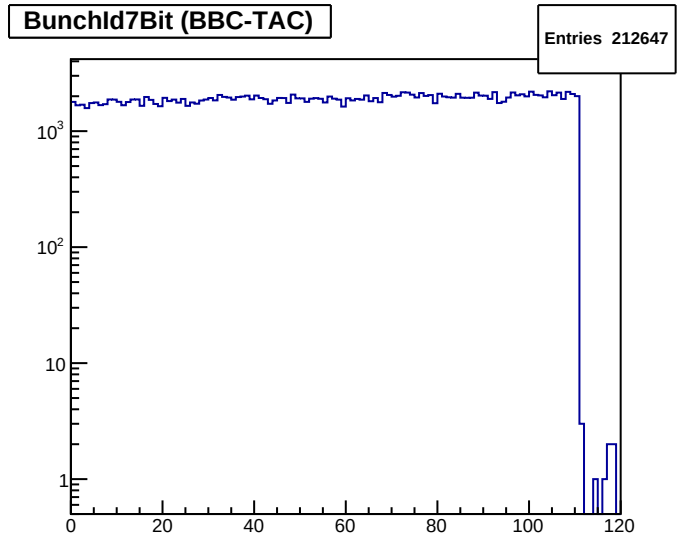
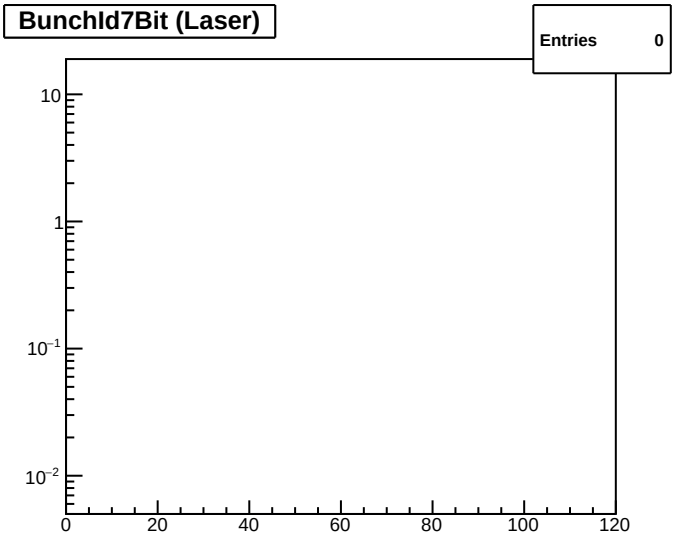
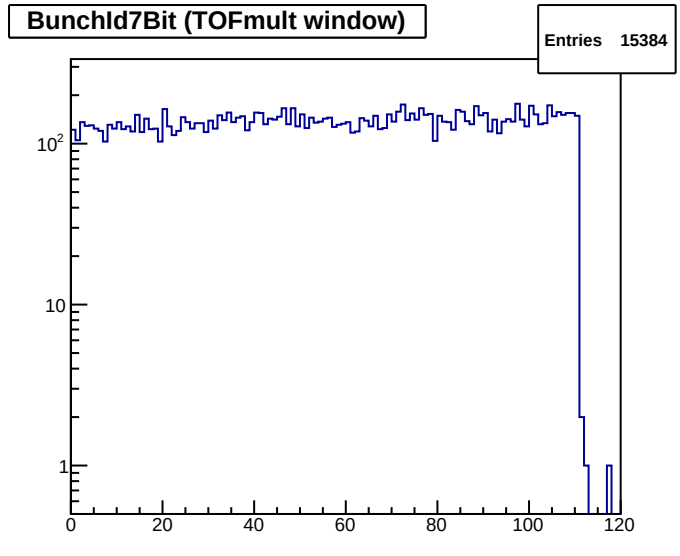

BunchId7Bit (VPD-TAC)
Entries 237719

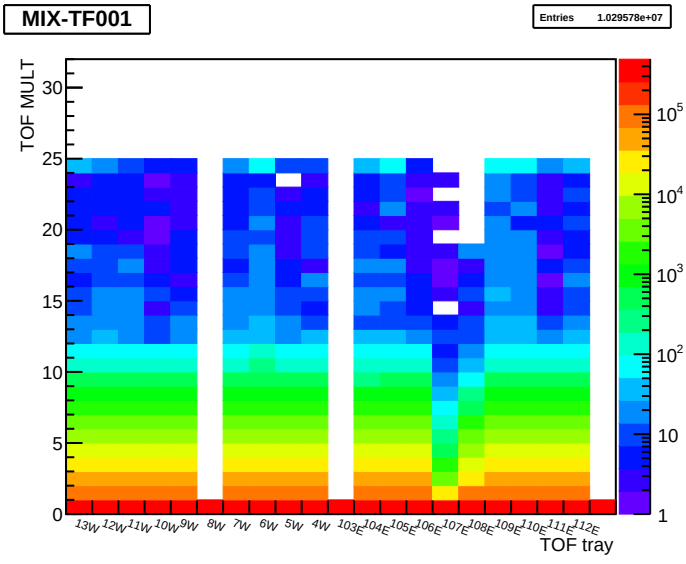

BunchId7Bit (ZDC-TAC)
Entries 1047

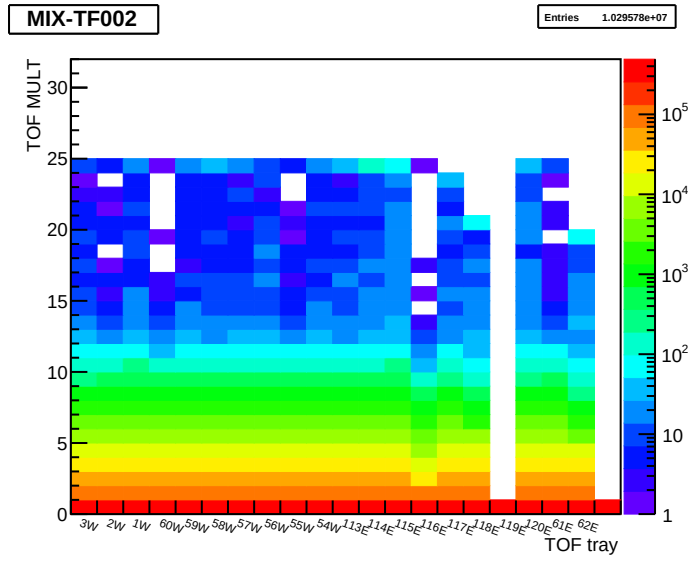

BunchId7Bit (EPD-TAC)
Entries 427654

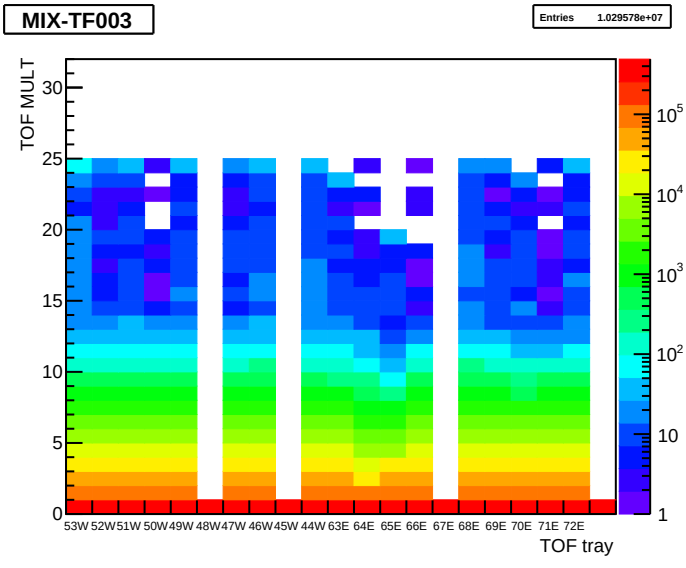

BunchId7Bit (BBC-TAC)
Entries 212647

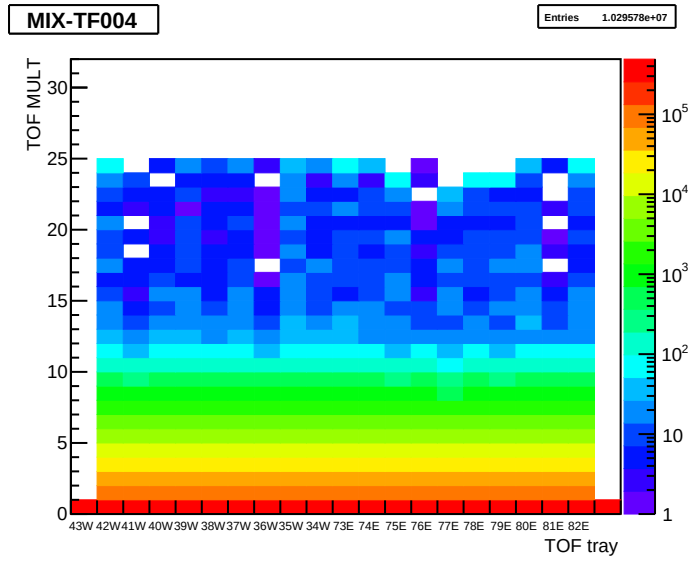

BunchId7Bit (Laser)
Entries 0

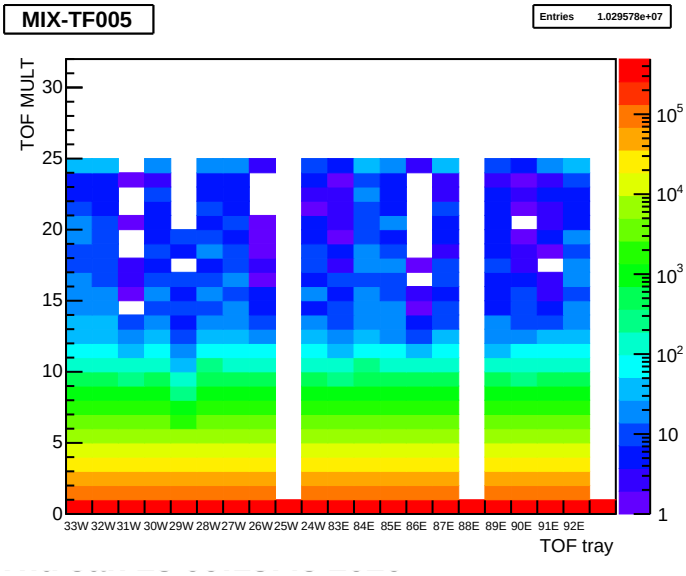

BunchId7Bit (TOFmult window)
Entries 15384

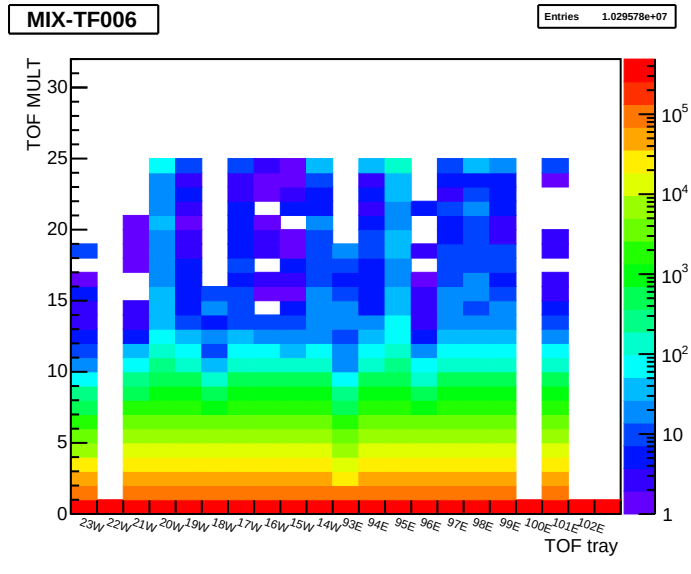

MIX-TF001
Entries 1.029578e+07
TOF MULT
TOF tray

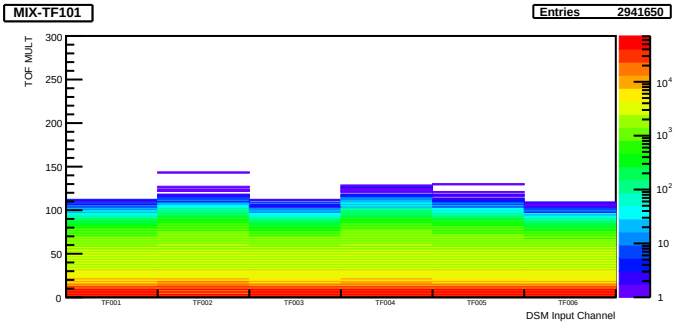

MIX-TF002
Entries 1.029578e+07
TOF MULT
TOF tray

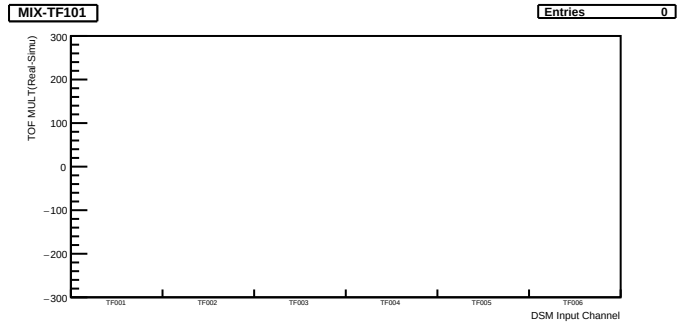

MIX-TF003
Entries 1.029578e+07
TOF MULT
TOF tray

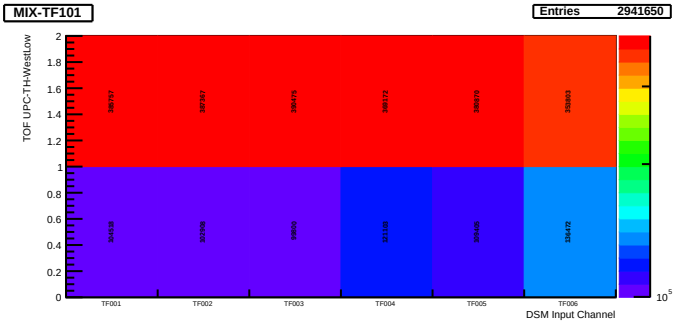

MIX-TF004
Entries 1.029578e+07
TOF MULT
TOF tray

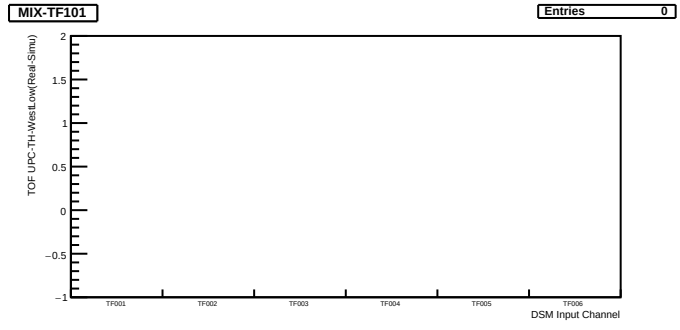

MIX-TF005
Entries 1.029578e+07
TOF MULT
TOF tray

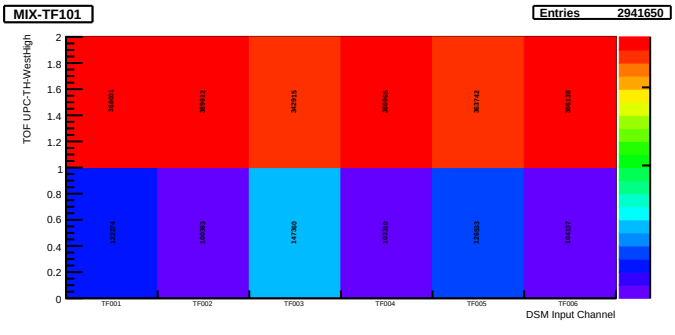

MIX-TF006
Entries 1.029578e+07
TOF MULT
TOF tray

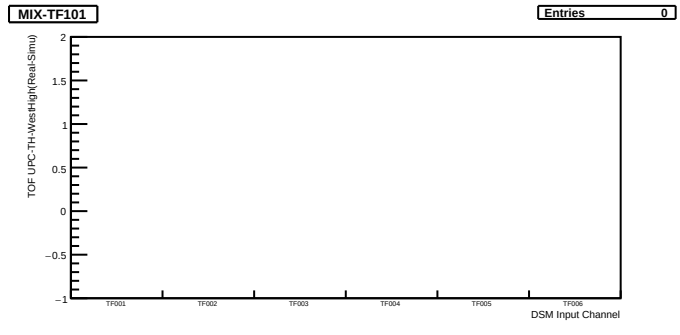

MIX-TF101
Entries 2941650
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

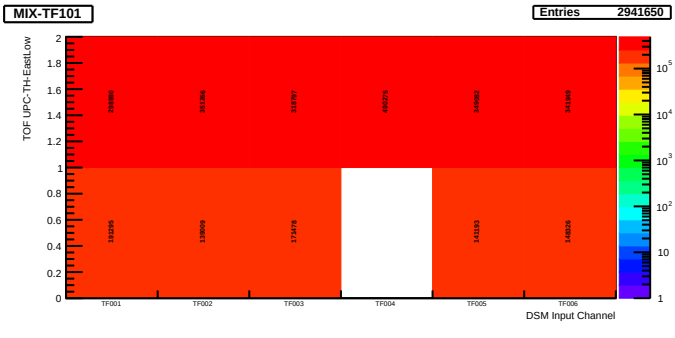

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

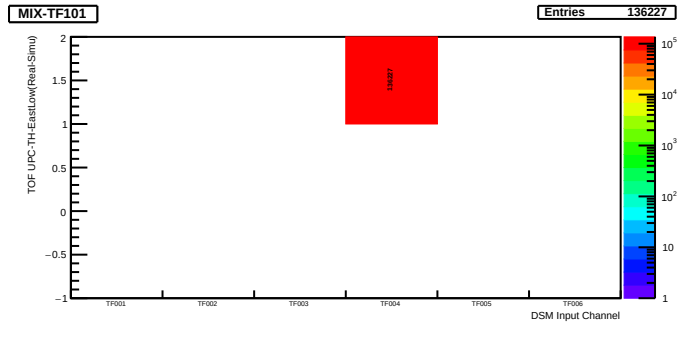

MIX-TF101
Entries 2941650
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

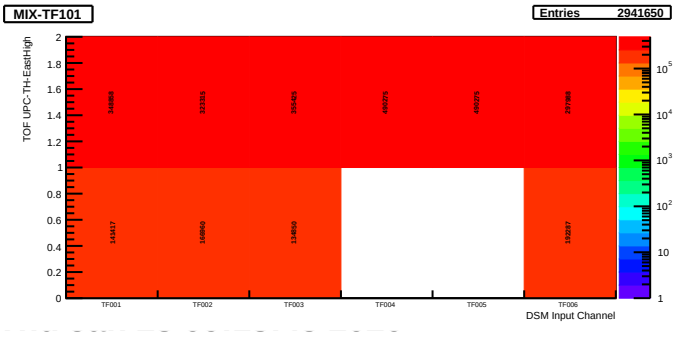

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

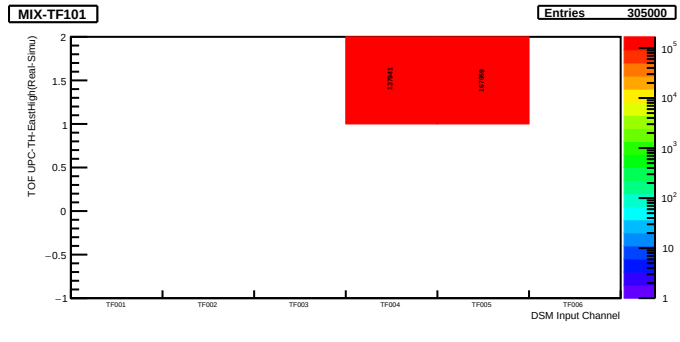

MIX-TF101
Entries 2941650
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

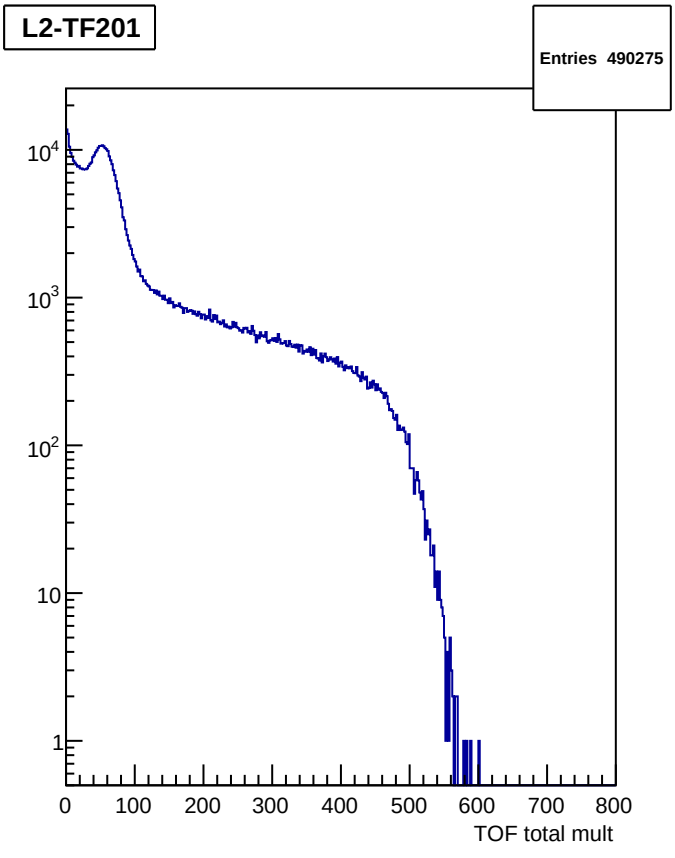

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

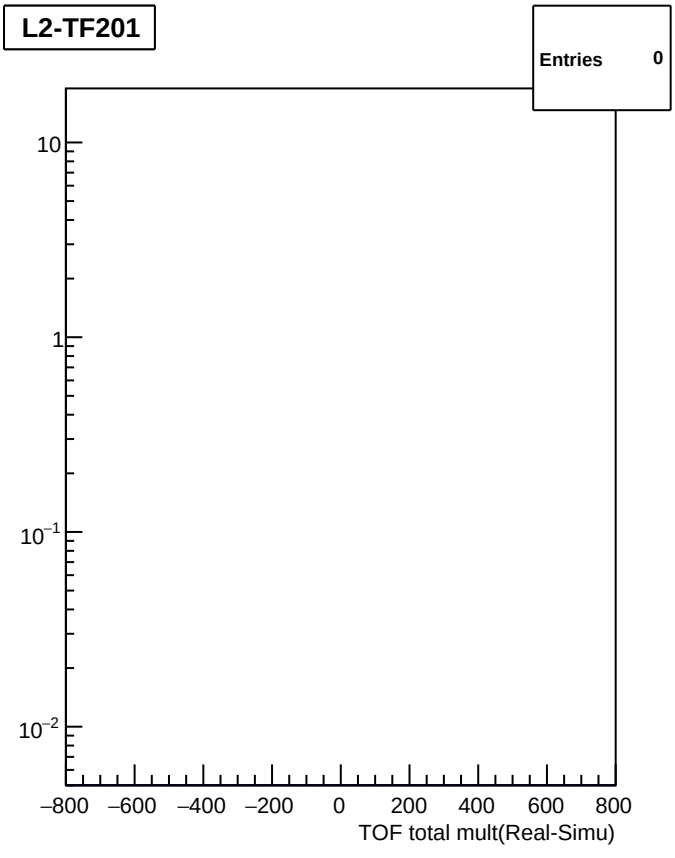

MIX-TF101
Entries 2941650
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

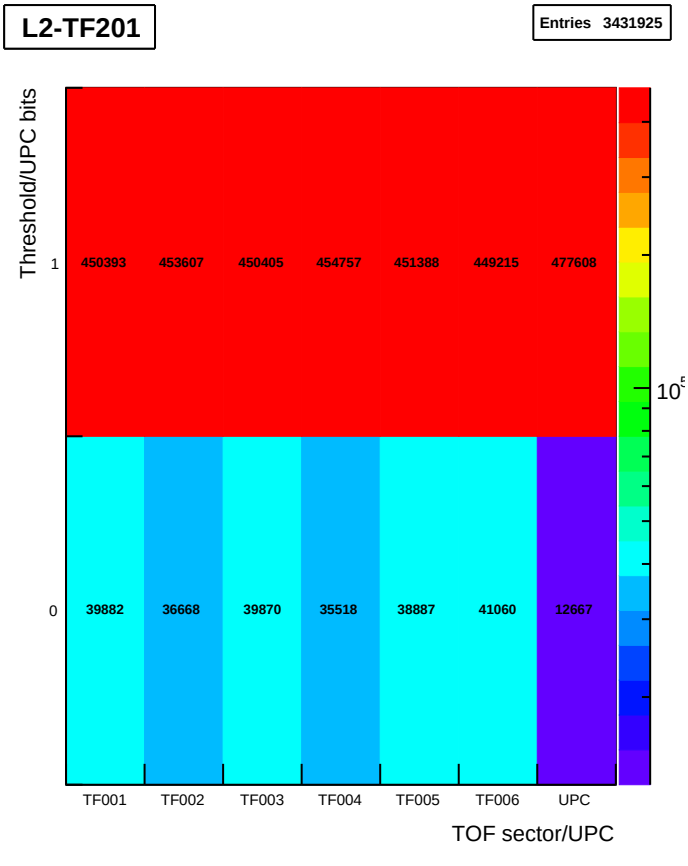

MIX-TF101
Entries 136227
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

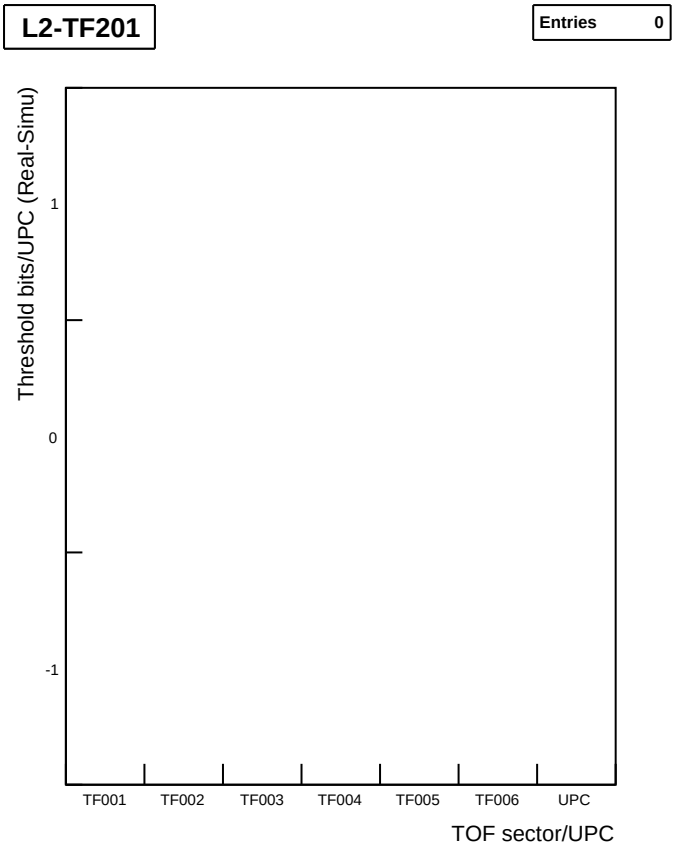

MIX-TF101
Entries 2941650
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

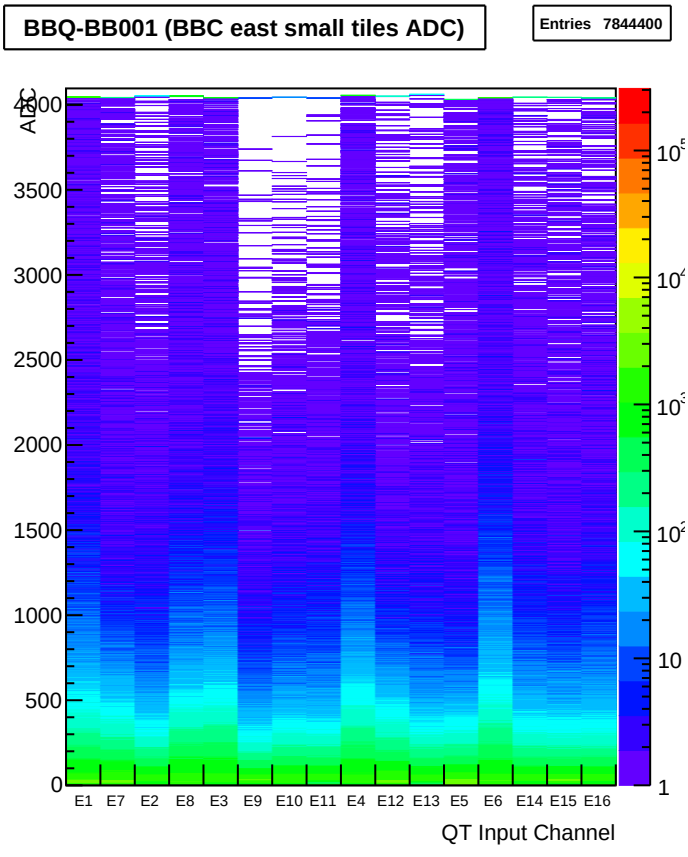

MIX-TF101
Entries 305000
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

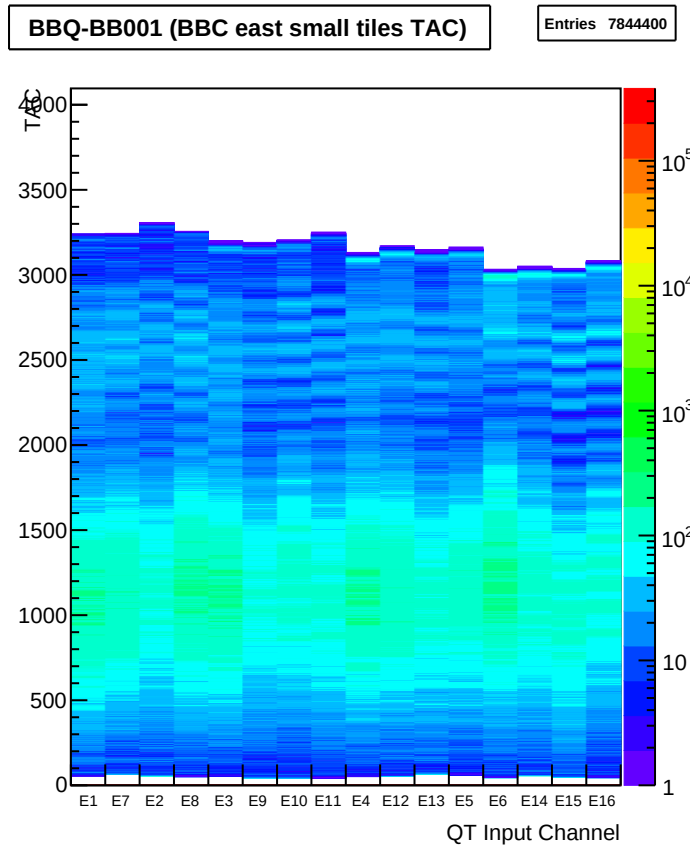

L2-TF201
Entries 490275
TOF total mult

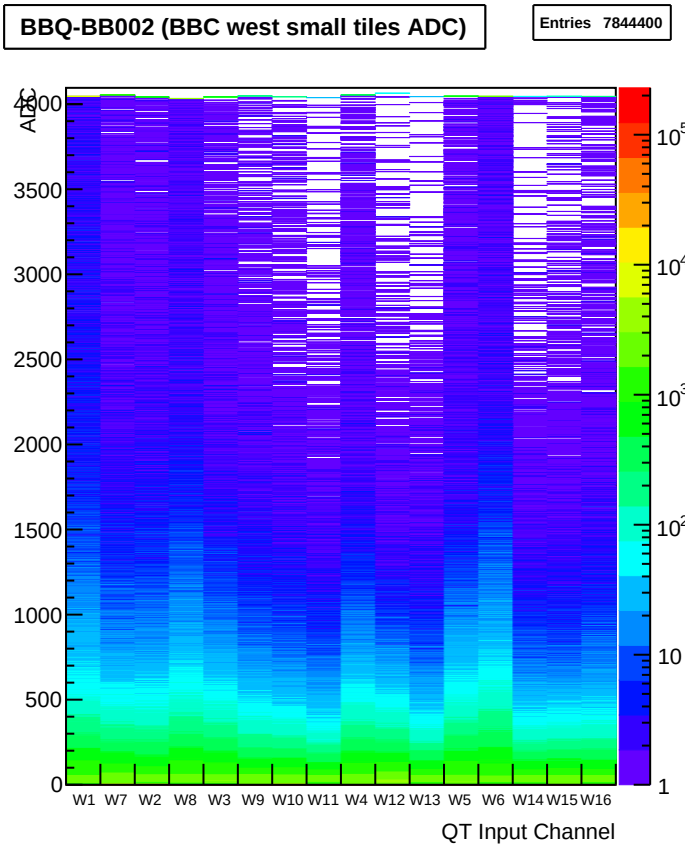

L2-TF201
Entries 0
TOF total mult(Real-Simu)

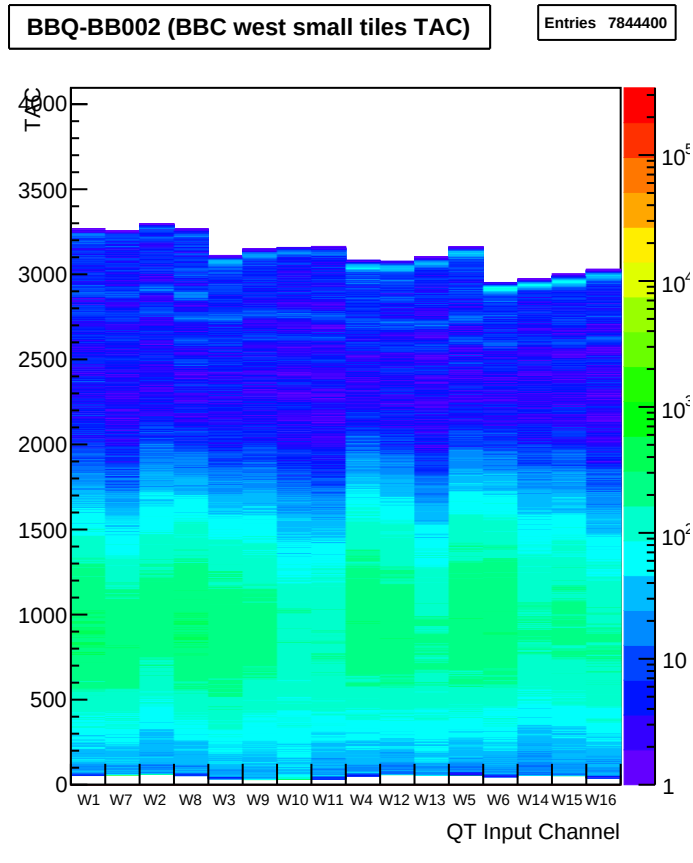

L2-TF201
Entries 3431925
Threshold/UPC bits
450393
453607
450405
454757
451388
449215
477608
39882
36668
39870
35518
38887
41060
12667
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

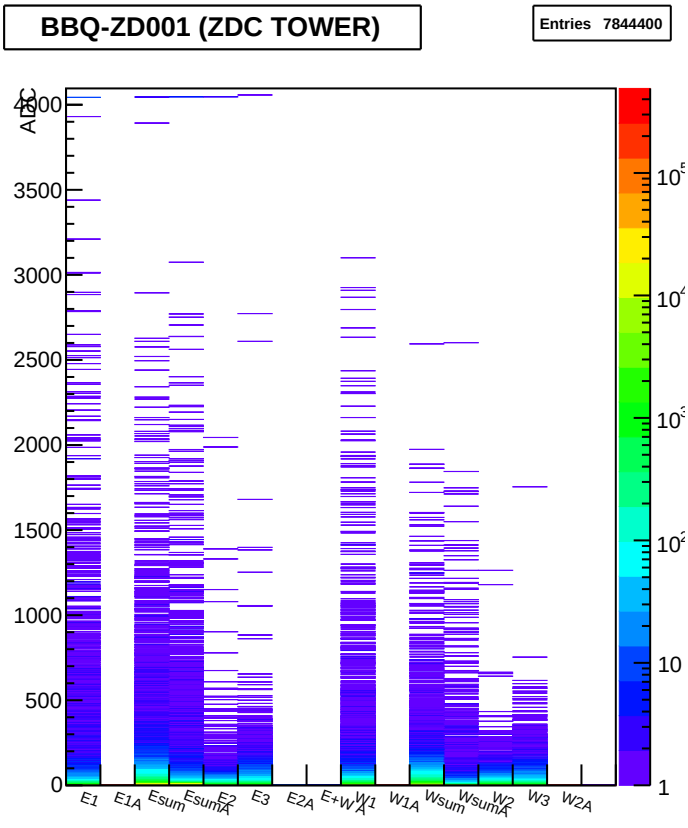

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

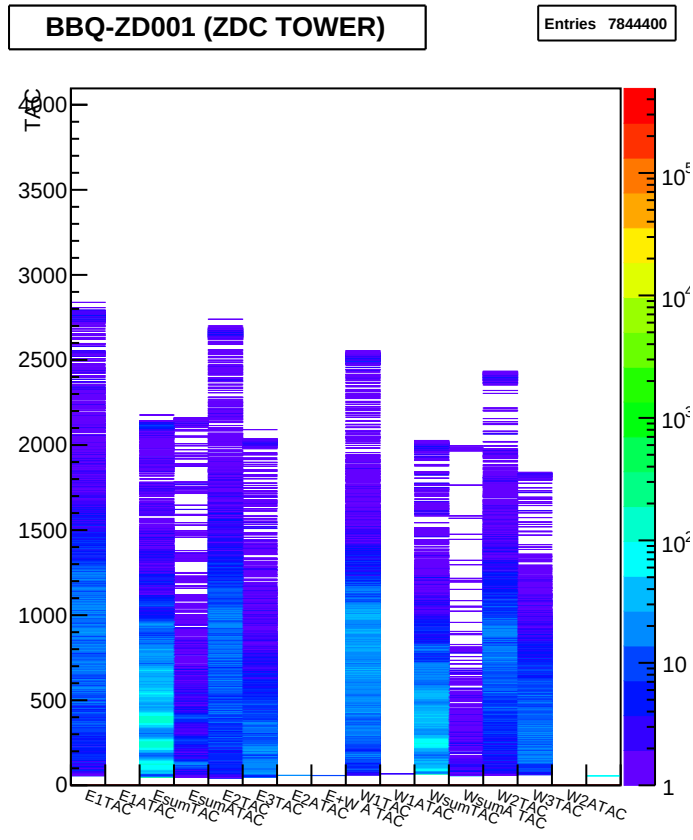

BBQ-BB001 (BBC east small tiles ADC)
Entries 7844400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

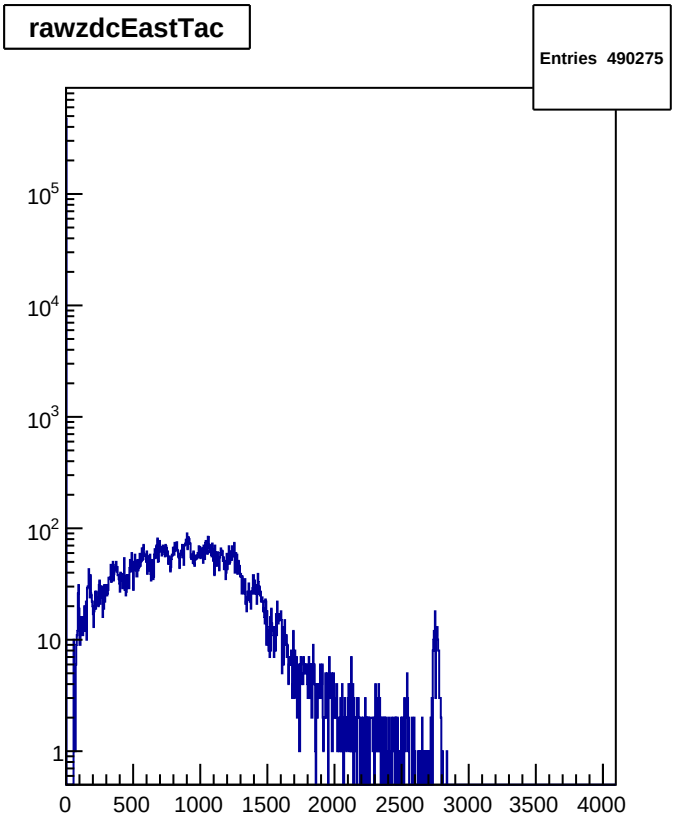

BBQ-BB001 (BBC east small tiles TAC)
Entries 7844400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

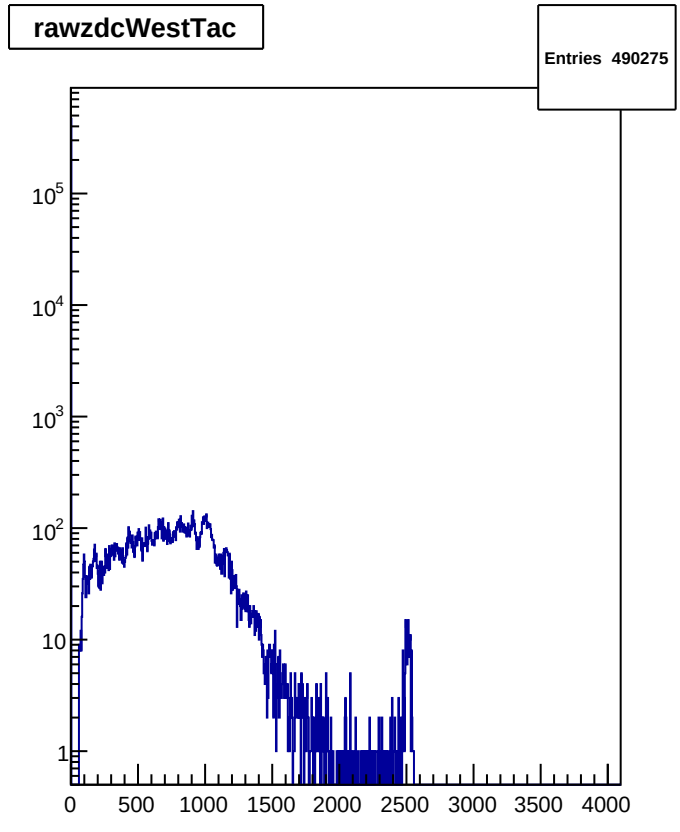

BBQ-BB002 (BBC west small tiles ADC)
Entries 7844400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

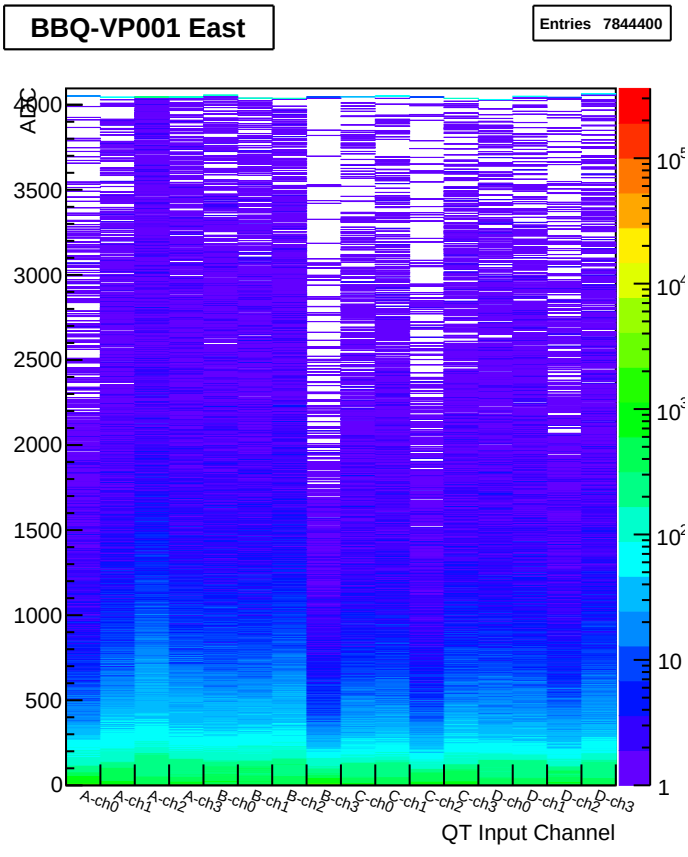

BBQ-BB002 (BBC west small tiles TAC)
Entries 7844400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

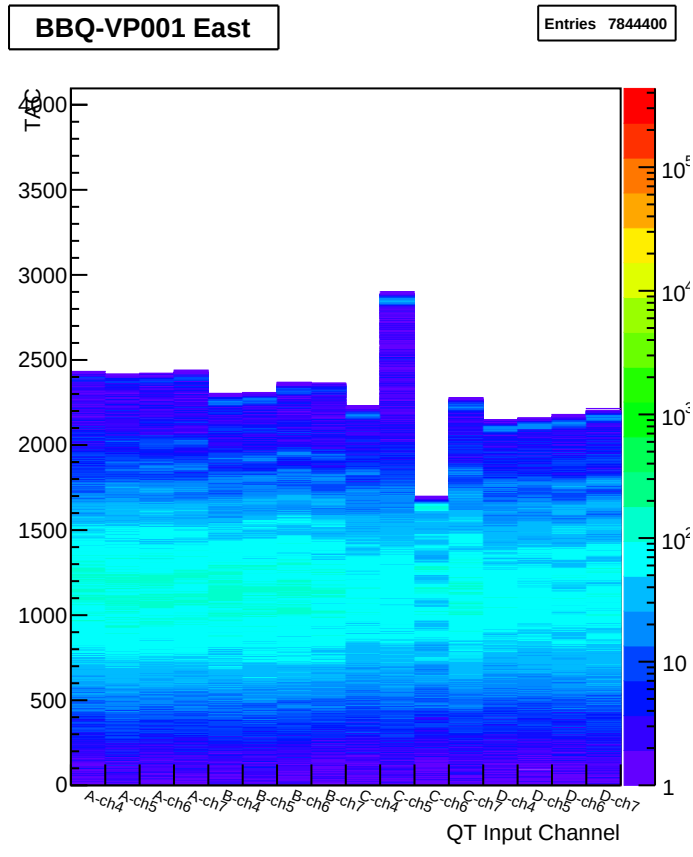

BBQ-ZD001 (ZDC TOWER)
Entries 7844400
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

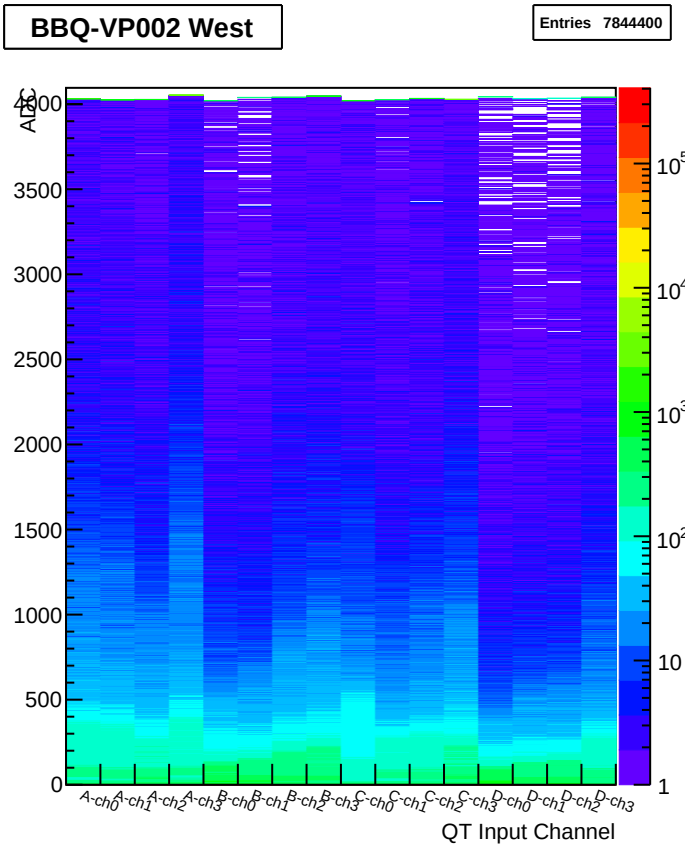

BBQ-ZD001 (ZDC TOWER)
Entries 7844400
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

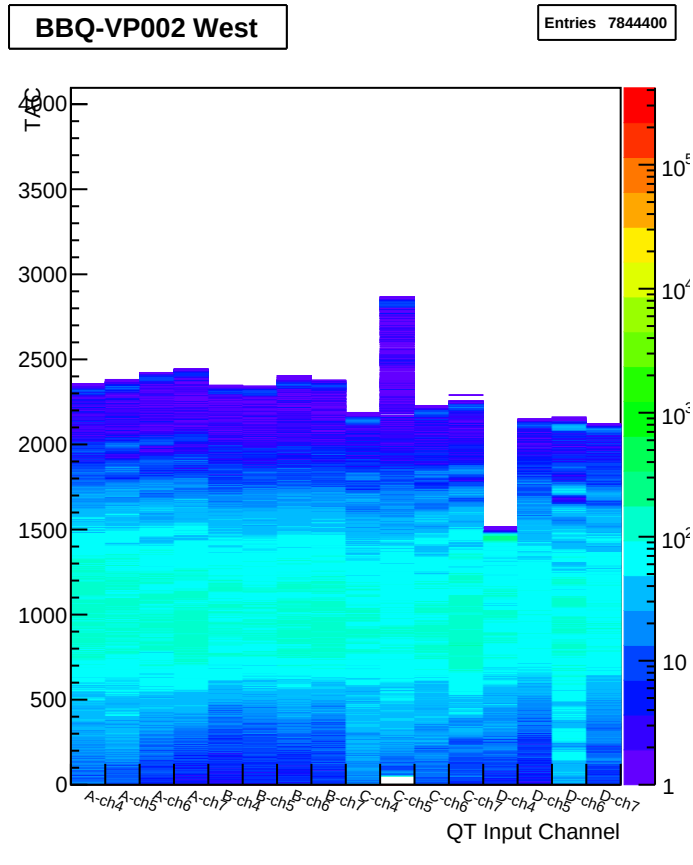

rawzdcEastTac
Entries 490275

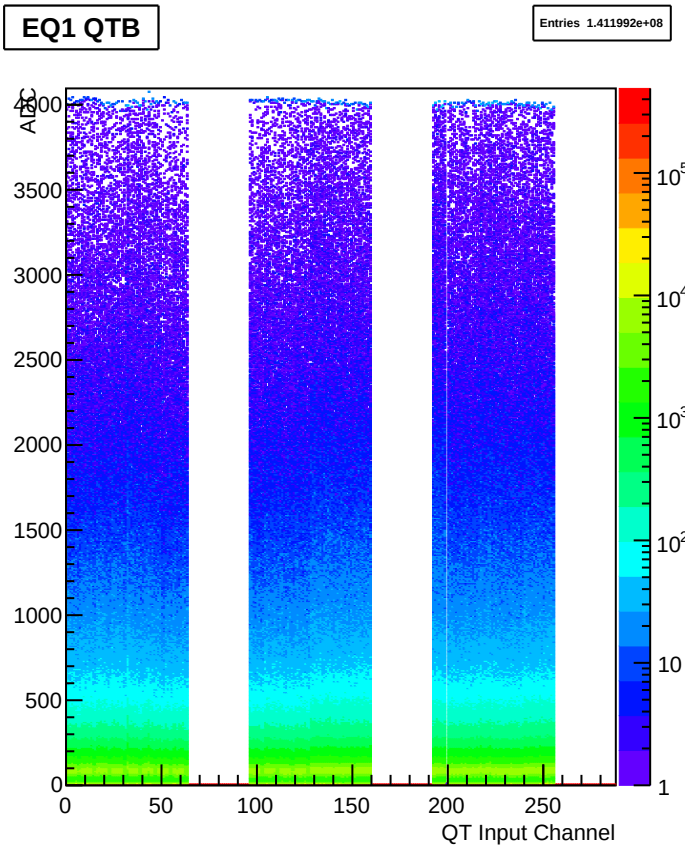

rawzdcWestTac
Entries 490275

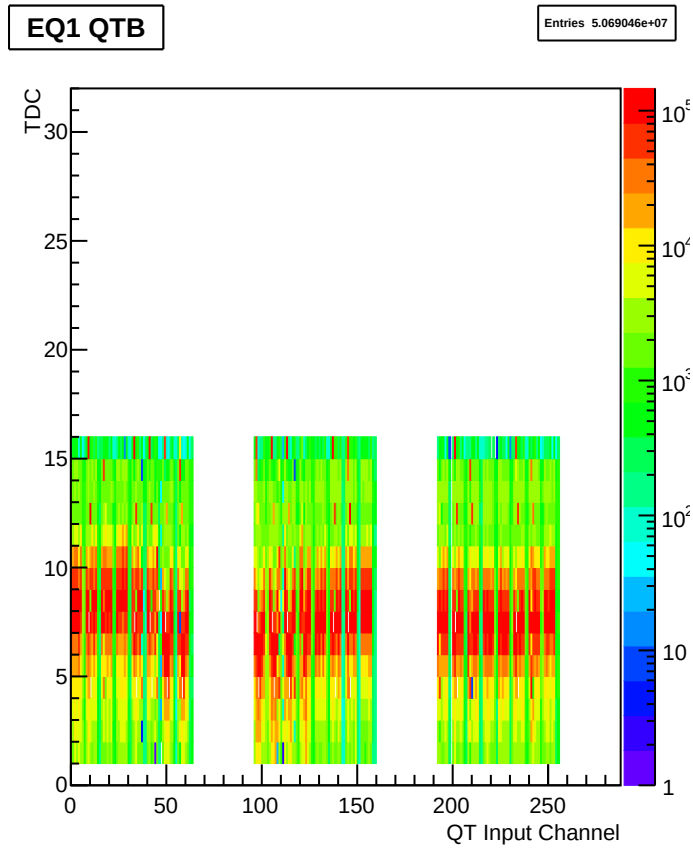

BBQ-VP001 East
Entries 7844400
ADC
QT Input Channel

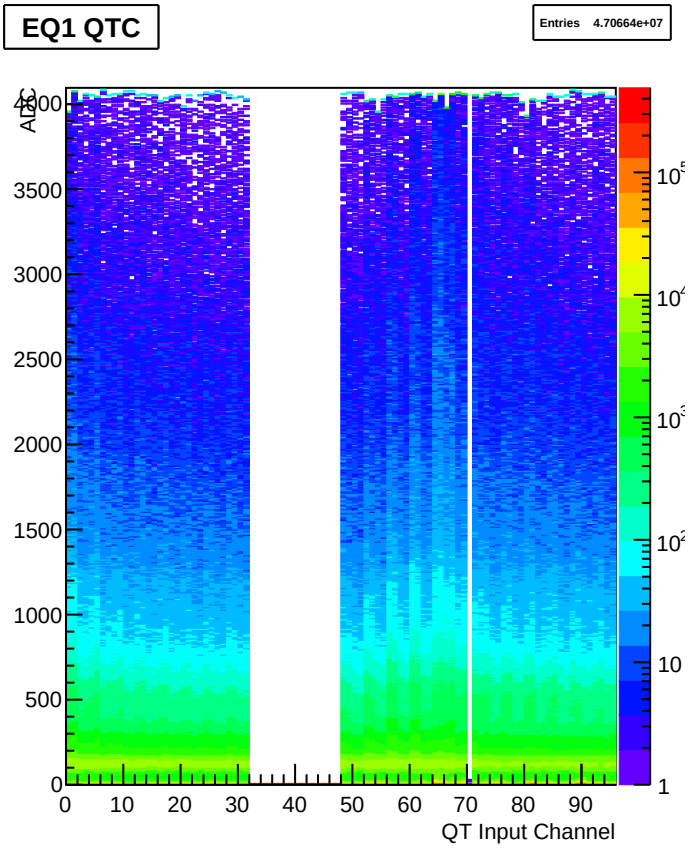

BBQ-VP001 East
Entries 7844400
ADC
QT Input Channel

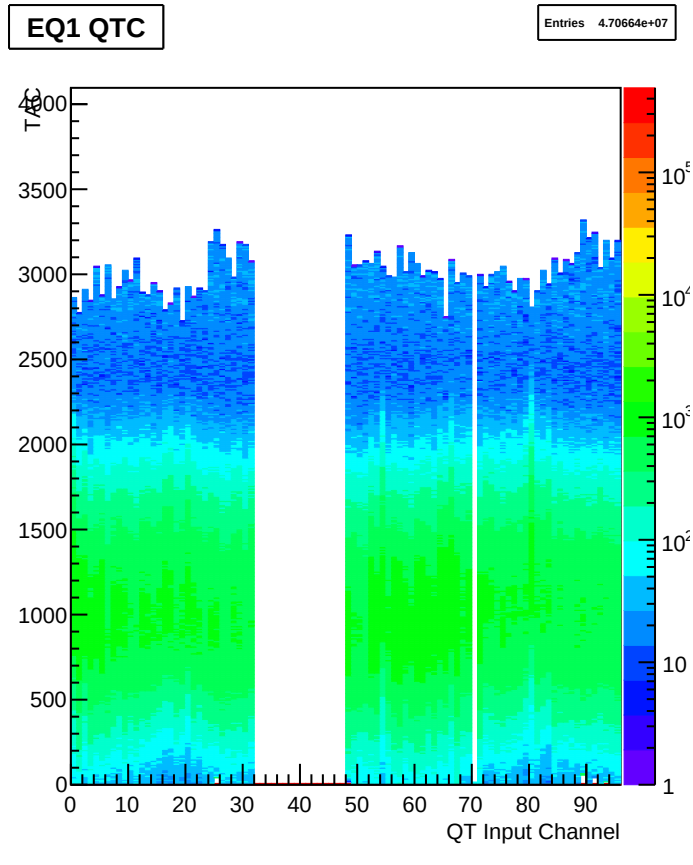

BBQ-VP002 West
Entries 7844400
ADC
QT Input Channel

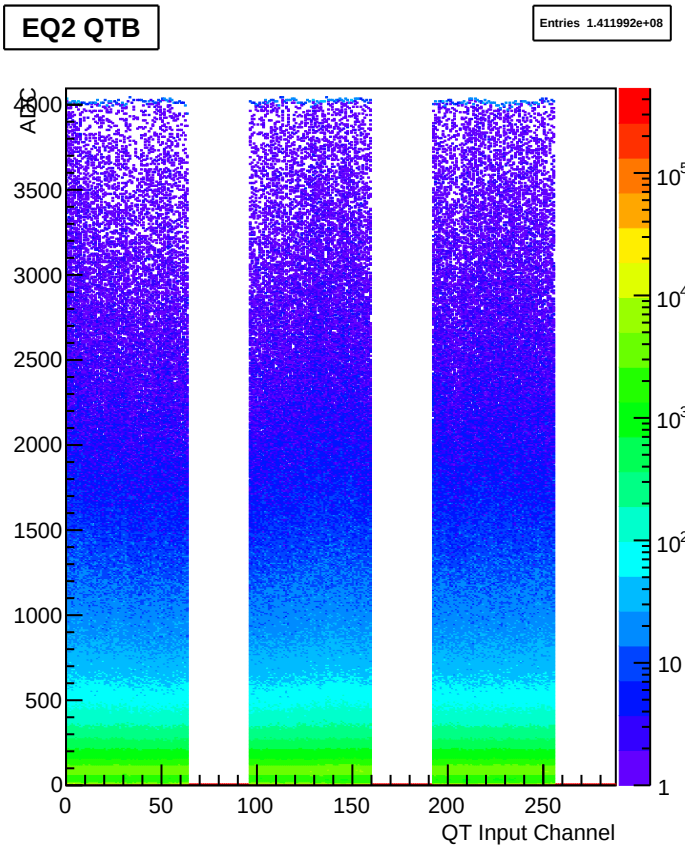

BBQ-VP002 West
Entries 7844400
ADC
QT Input Channel

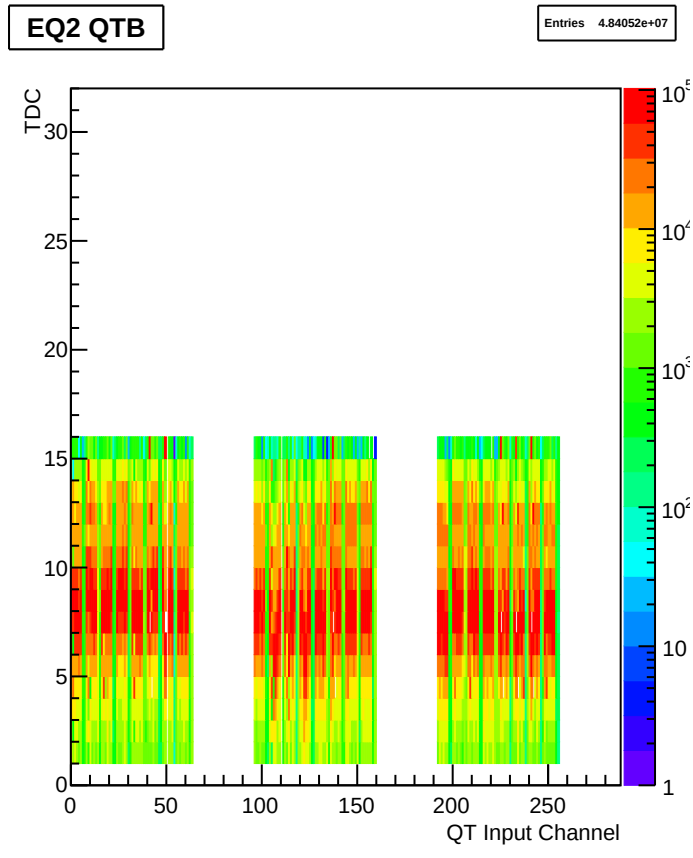

EQ1 QTB
Entries 1.411992e+08
ADC
QT Input Channel

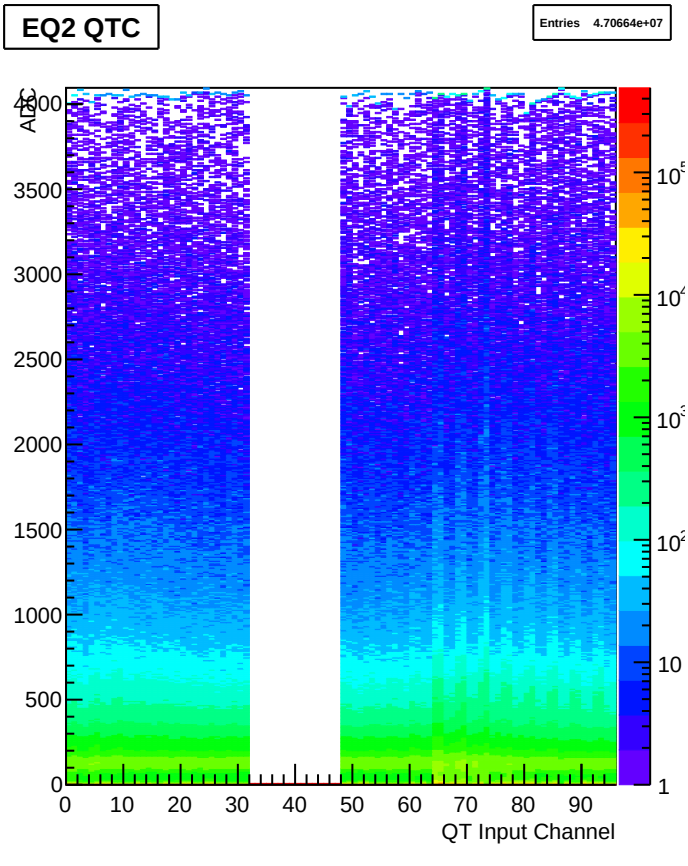

EQ1 QTB
Entries 5.069046e+07
TDC
QT Input Channel

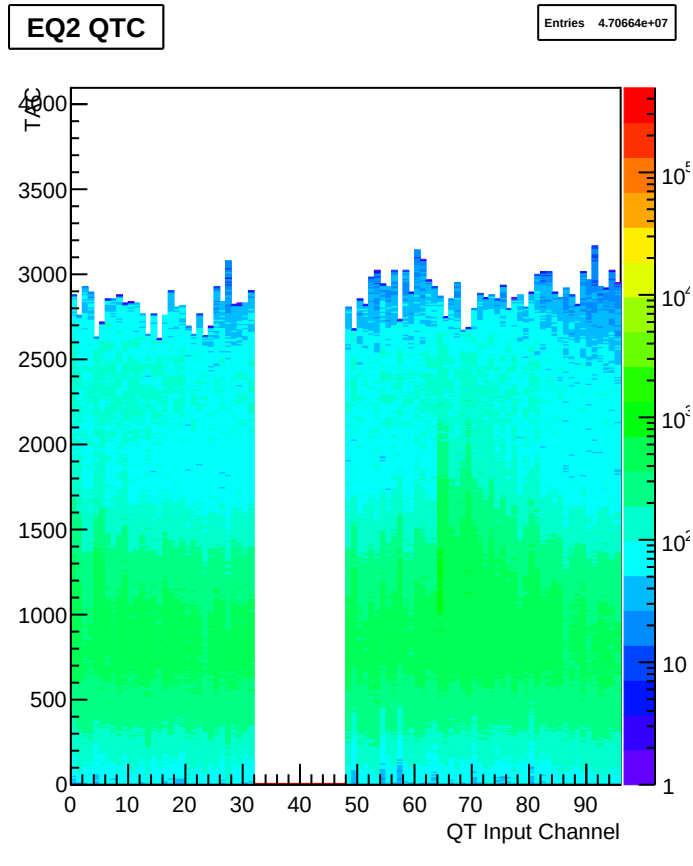

EQ1 QTC
Entries 4.70664e+07
ADC
QT Input Channel

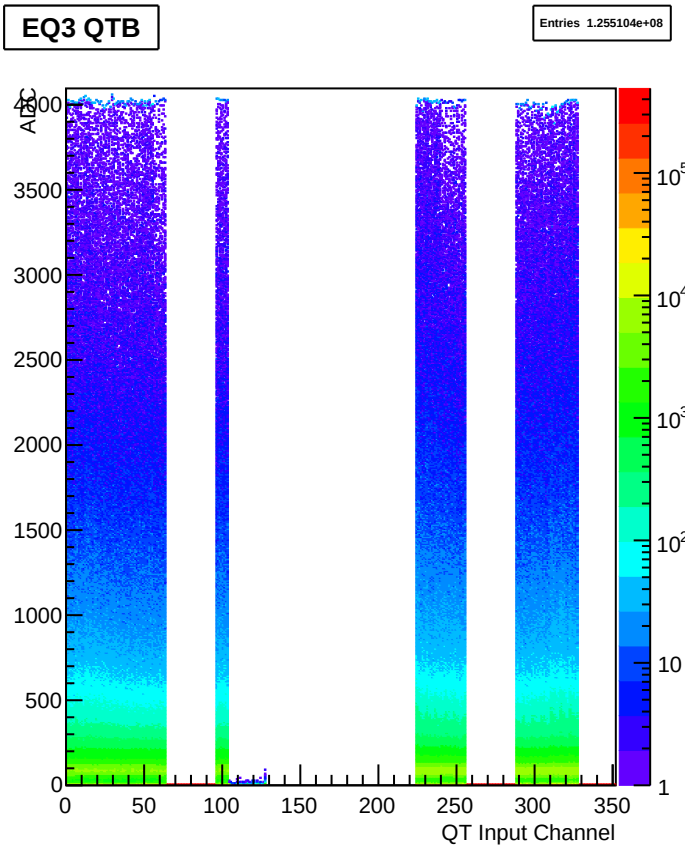

EQ1 QTC
Entries 4.70664e+07
TADC
QT Input Channel

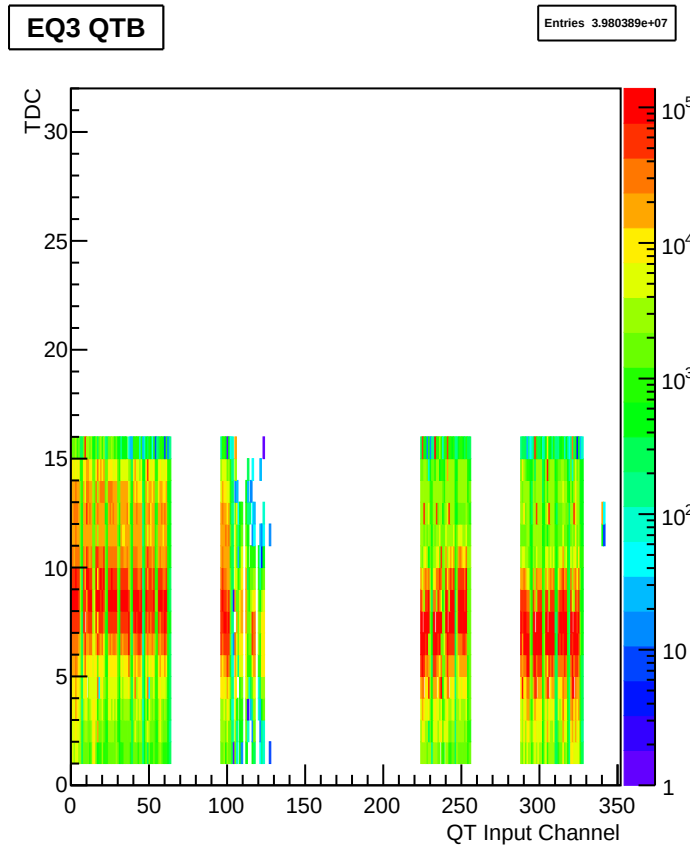

EQ2 QTB
Entries 1.411992e+08
ADC
QT Input Channel

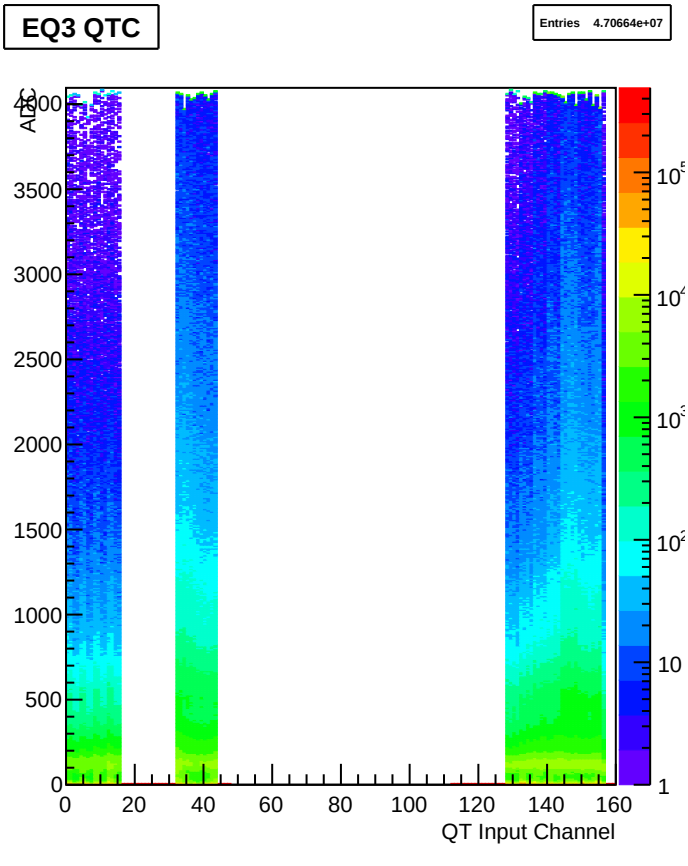

EQ2 QTB
Entries 4.84052e+07
TDC
QT Input Channel

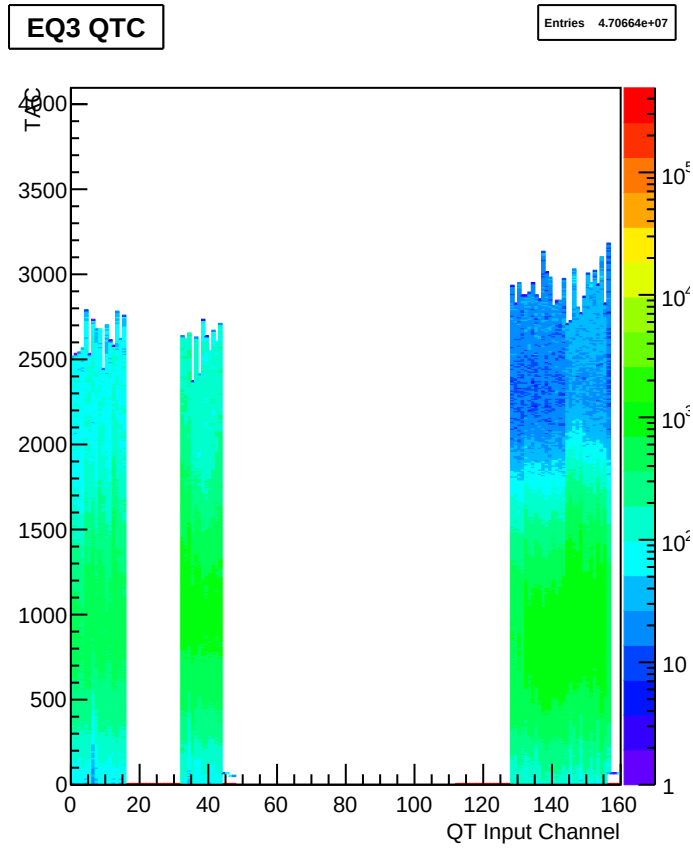

EQ2 QTC
Entries 4.70664e+07
ADC
QT Input Channel

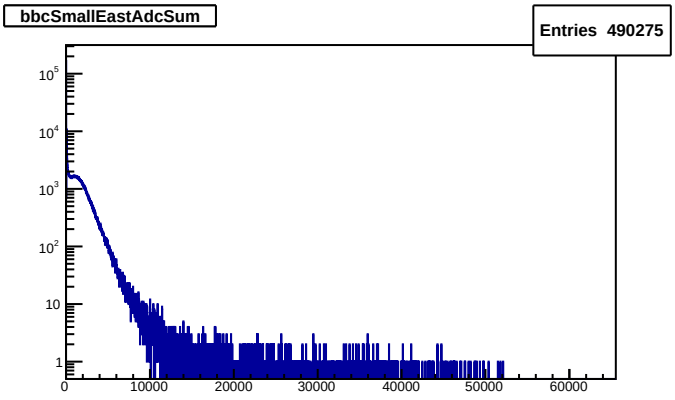

EQ2 QTC
Entries 4.70664e+07
TADC
QT Input Channel

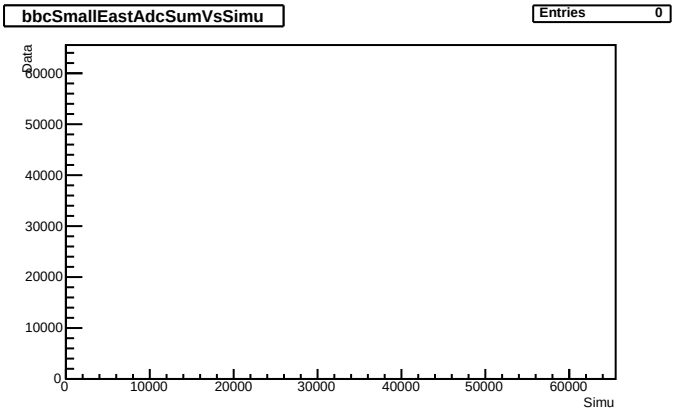

EQ3 QTB
Entries 1.255104e+08
ADC
QT Input Channel

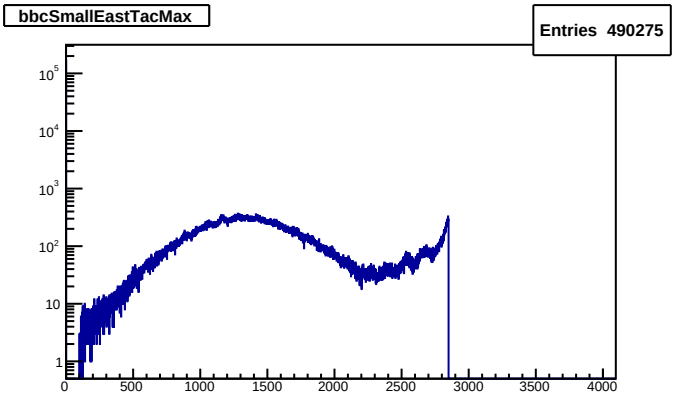

EQ3 QTB
Entries 3.980389e+07
TDC
QT Input Channel

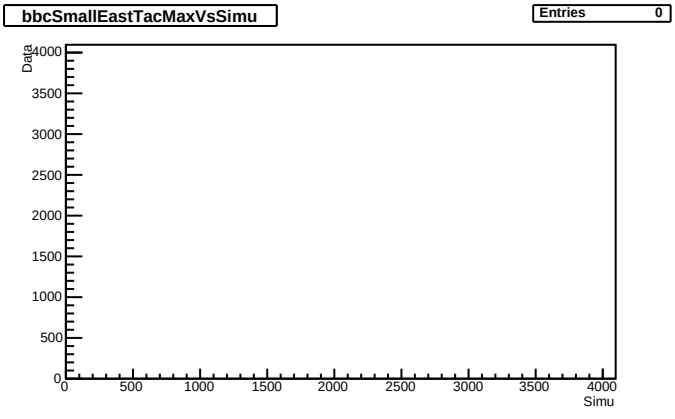

EQ3 QTC
Entries 4.70664e+07
ADC
QT Input Channel

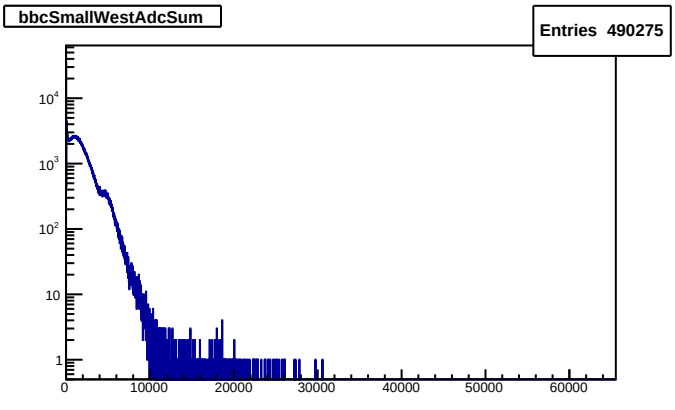

EQ3 QTC
Entries 4.70664e+07
TADC
QT Input Channel

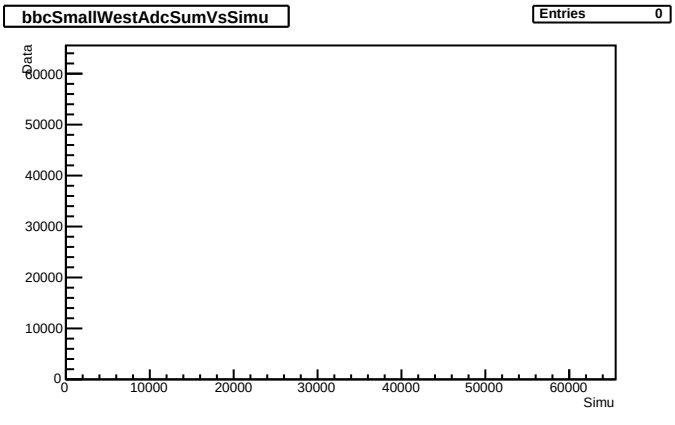

bbcSmallEastAdcSum
Entries 490275

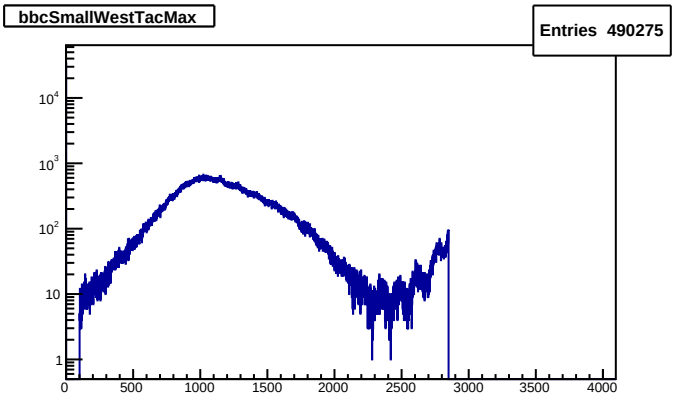

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

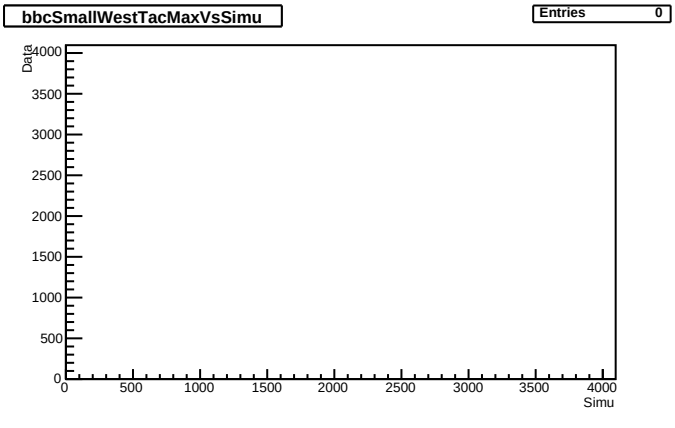

bbcSmallEastTacMax
Entries 490275

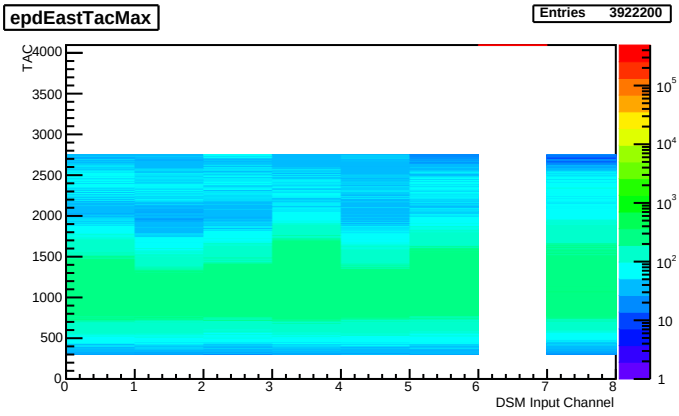

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

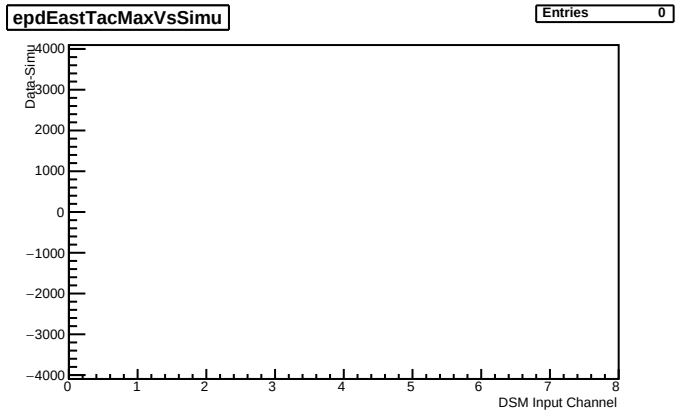

bbcSmallWestAdcSum
Entries 490275

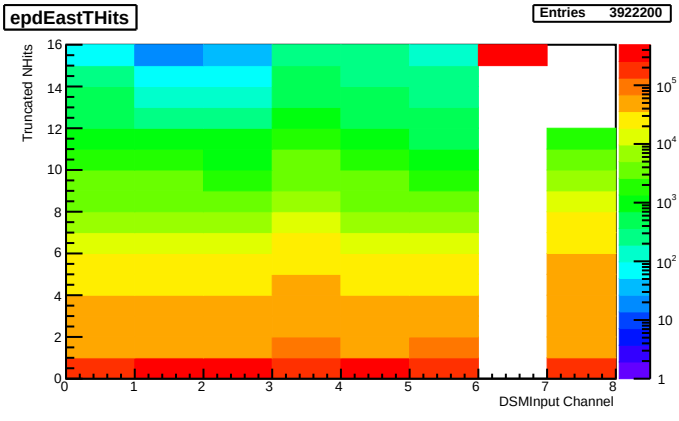

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

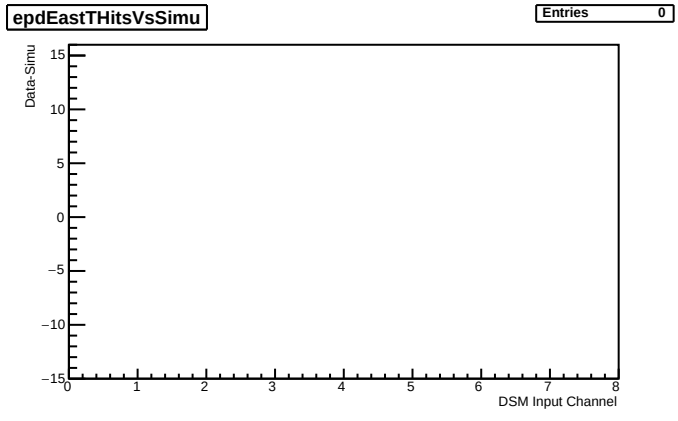

bbcSmallWestTacMax
Entries 490275

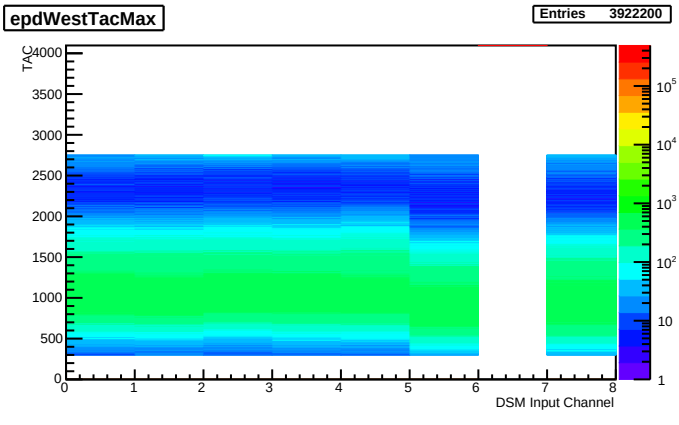

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

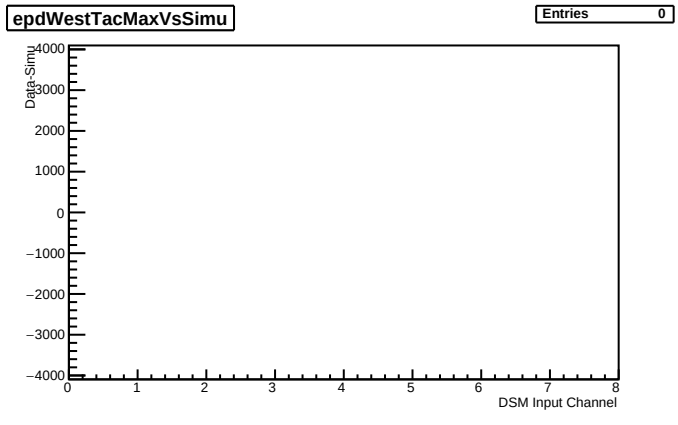

epdEastTacMax
Entries 3922200
TAC
DSM Input Channel

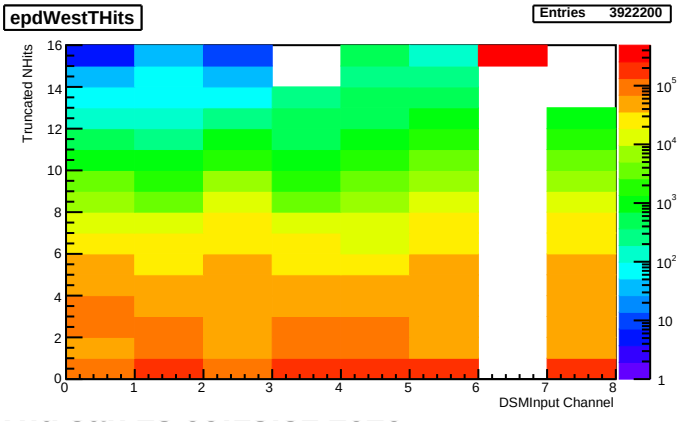

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

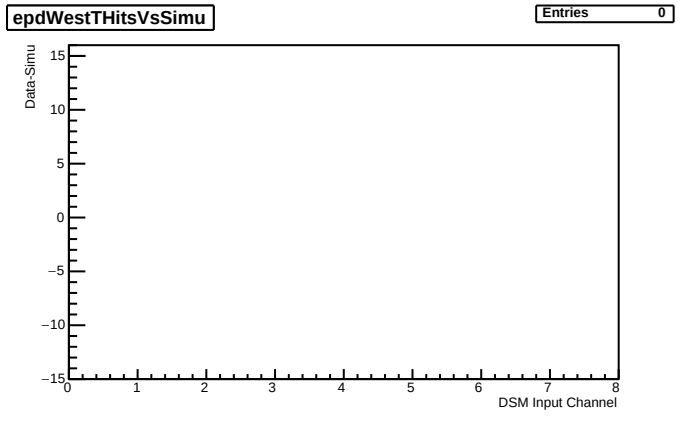

epdEastTHits
Entries 3922200
Truncated NHits
DSMInput Channel

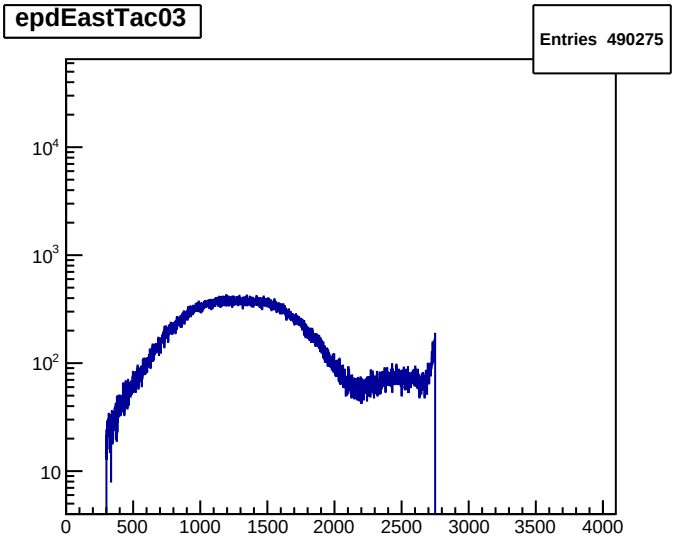

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

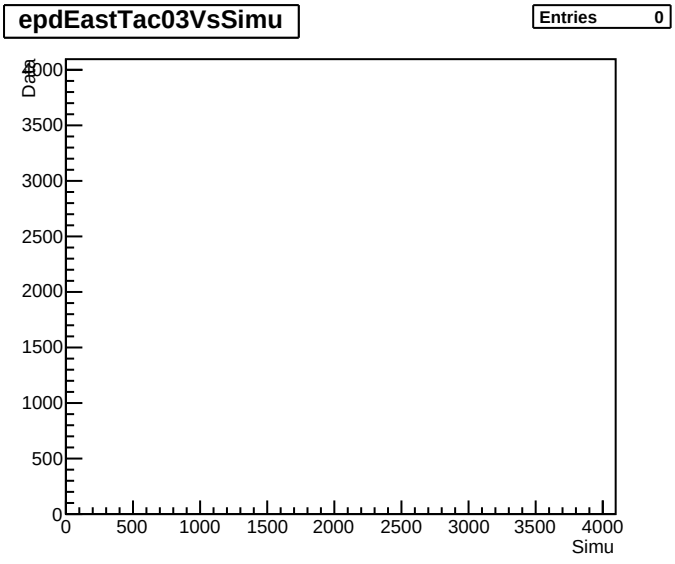

epdWestTacMax
Entries 3922200
TAC
DSM Input Channel

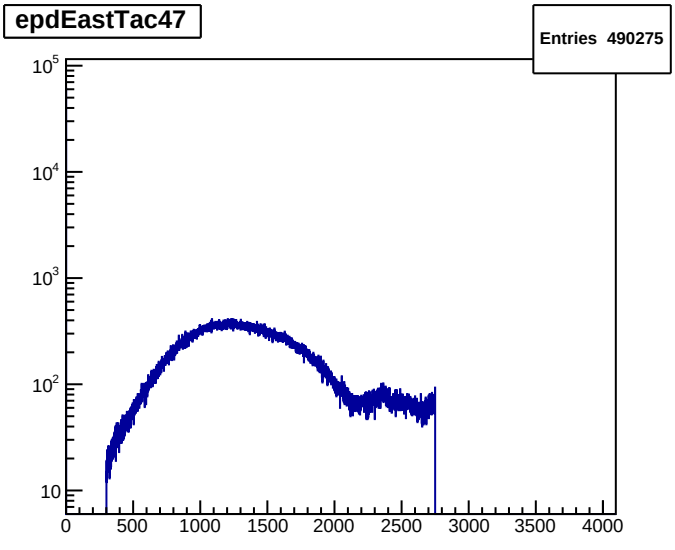

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

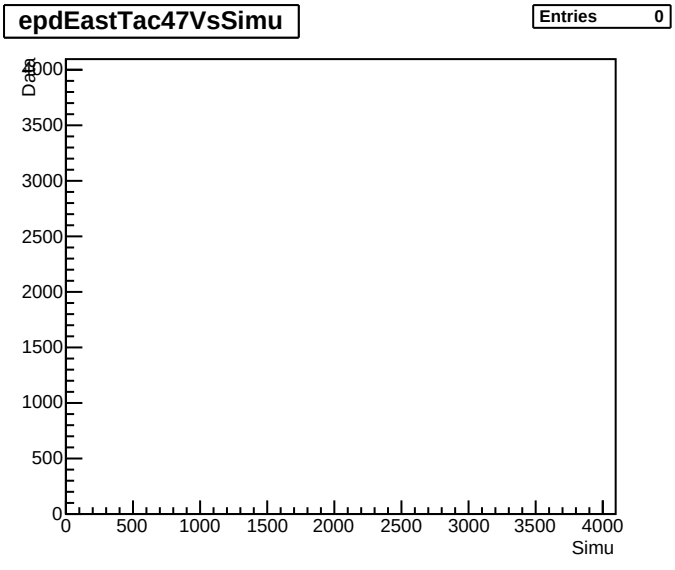

epdWestTHits
Entries 3922200
Truncated NHits
DSMInput Channel

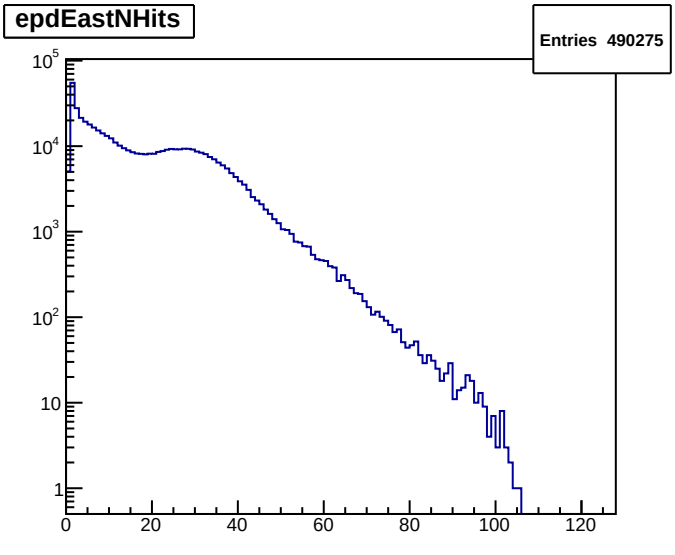

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

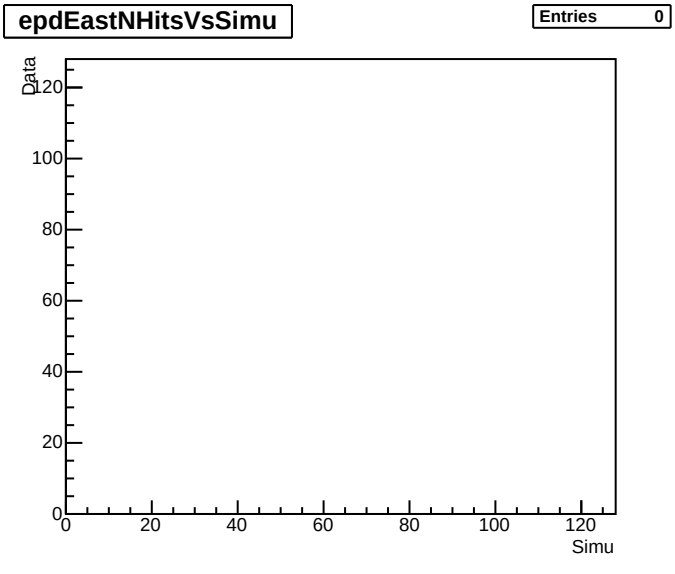

epdEastTac03
Entries 490275

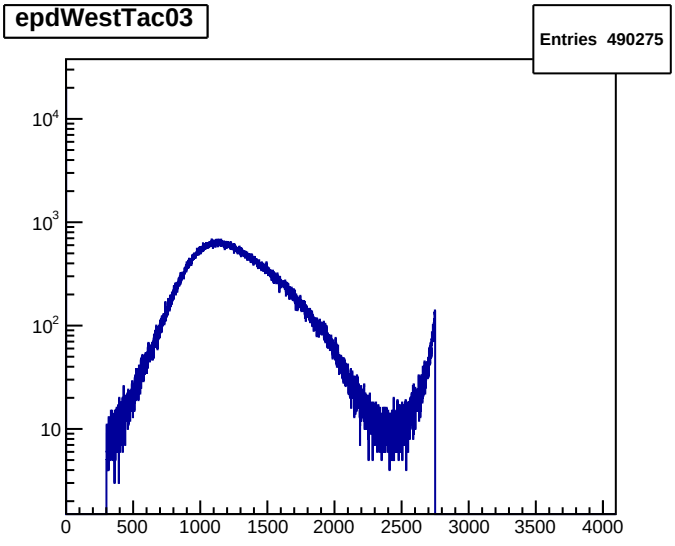

epdEastTac03VsSimu
Entries 0
Data
Simu

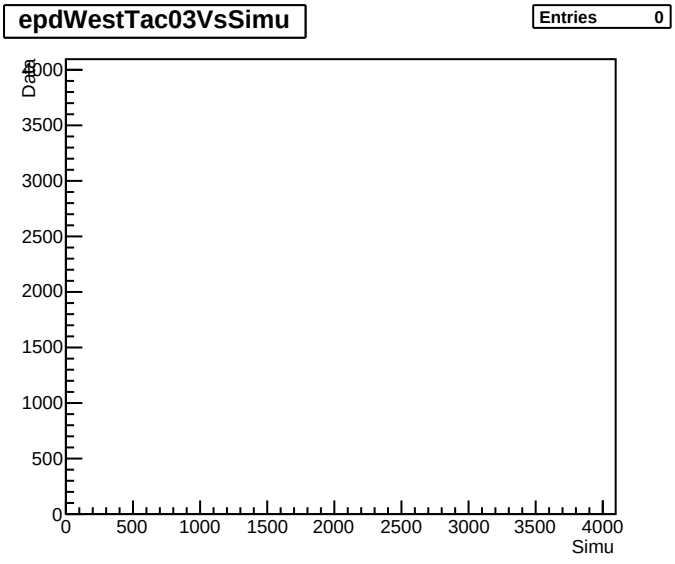

epdEastTac47
Entries 490275

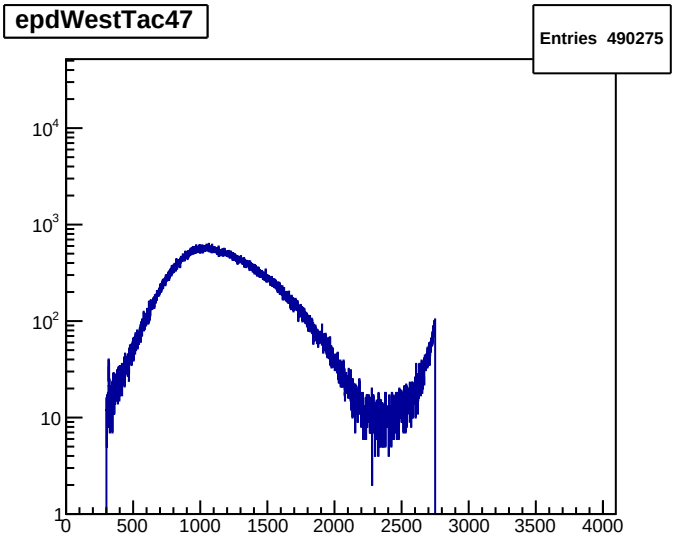

epdEastTac47VsSimu
Entries 0
Data
Simu

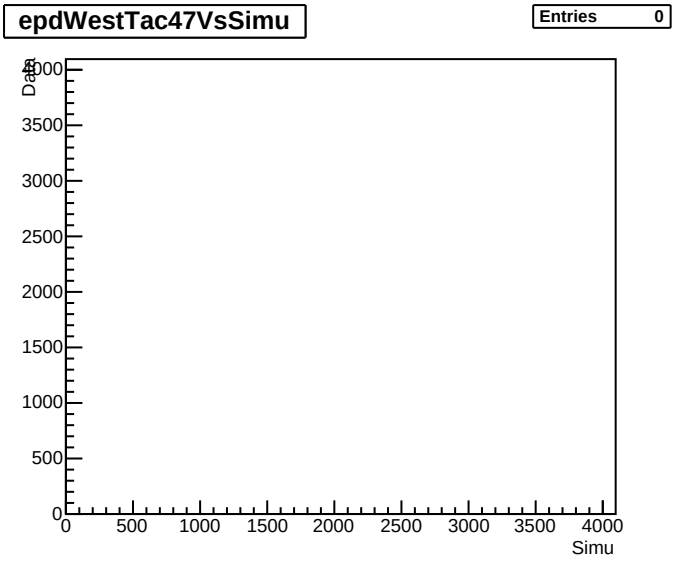

epdEastNHits
Entries 490275

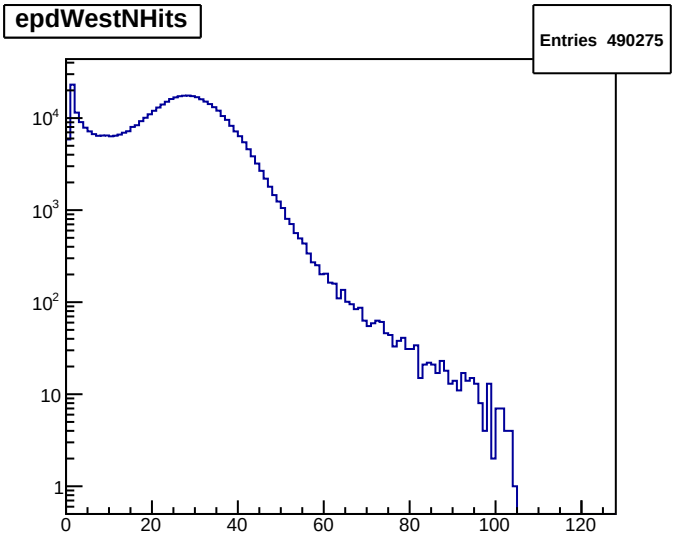

epdEastNHitsVsSimu
Entries 0
Data
Simu

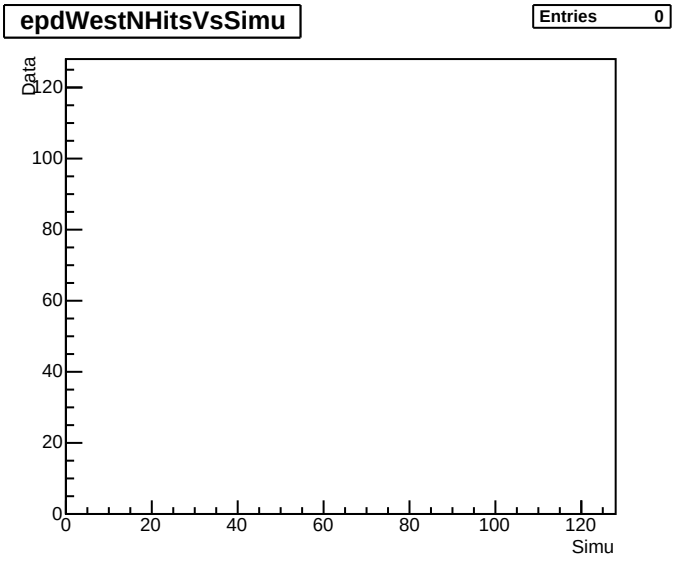

epdWestTac03
Entries 490275

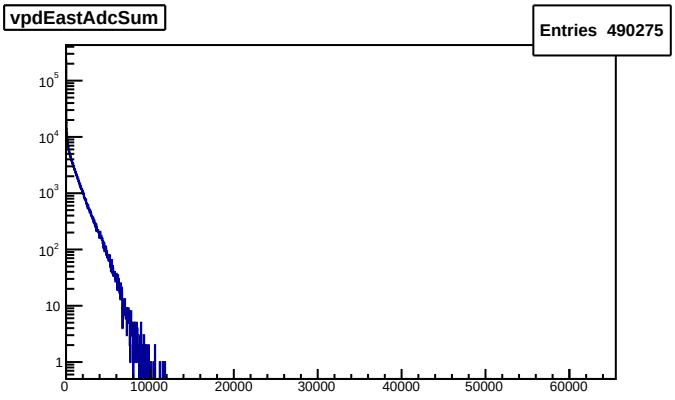

epdWestTac03VsSimu
Entries 0
Data
Simu

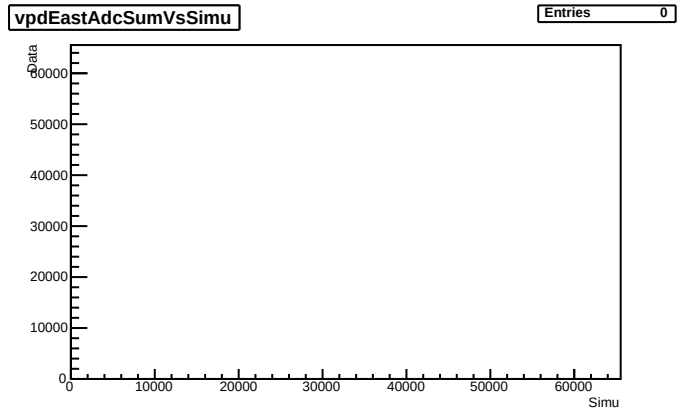

epdWestTac47
Entries 490275

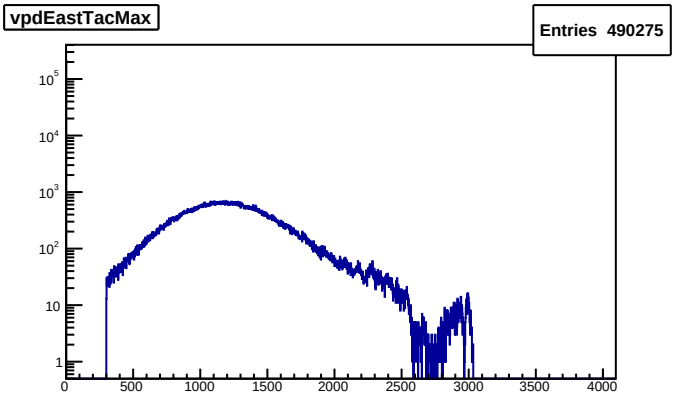

epdWestTac47VsSimu
Entries 0
Data
Simu

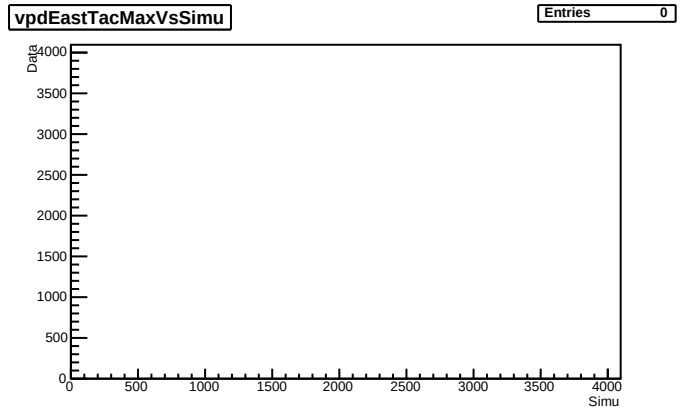

epdWestNHits
Entries 490275

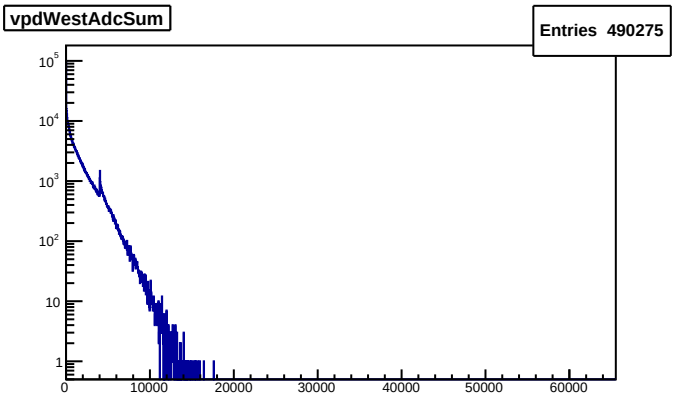

epdWestNHitsVsSimu
Entries 0
Data
Simu

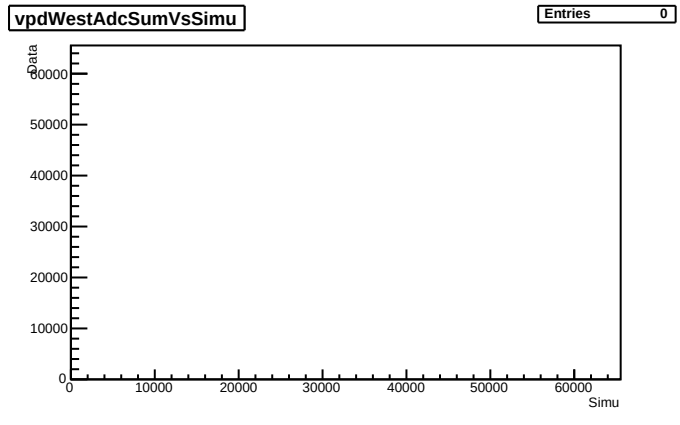

vpdEastAdcSum
Entries 490275

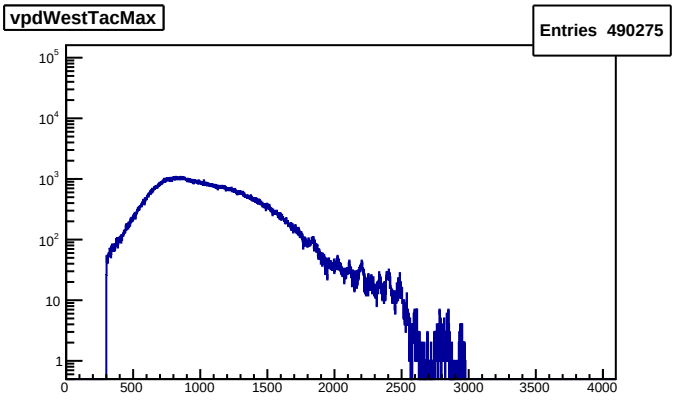

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

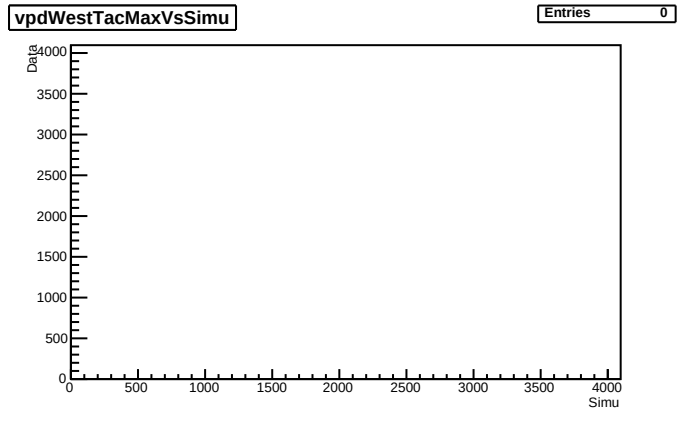

vpdEastTacMax
Entries 490275

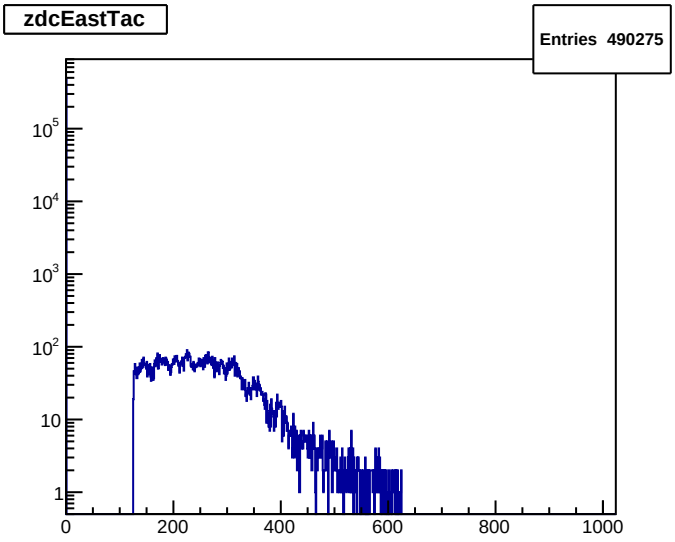

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

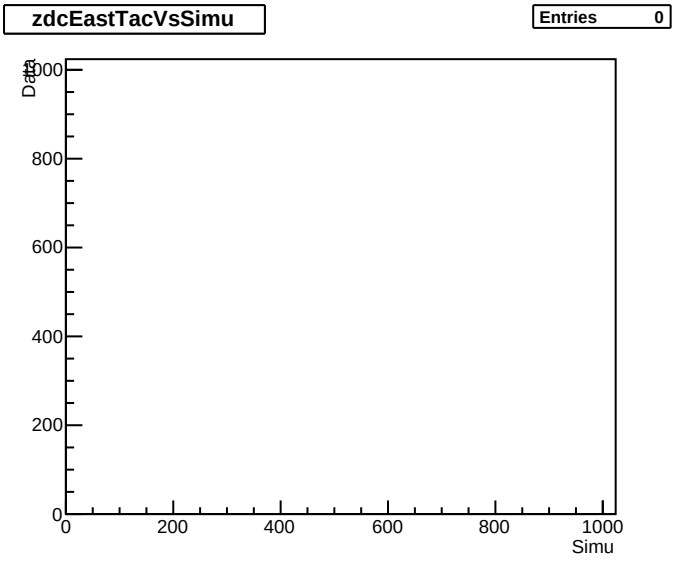

vpdWestAdcSum
Entries 490275

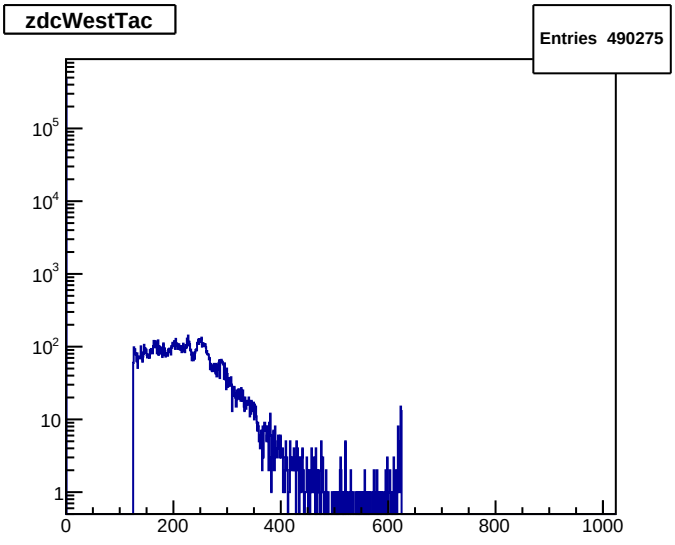

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

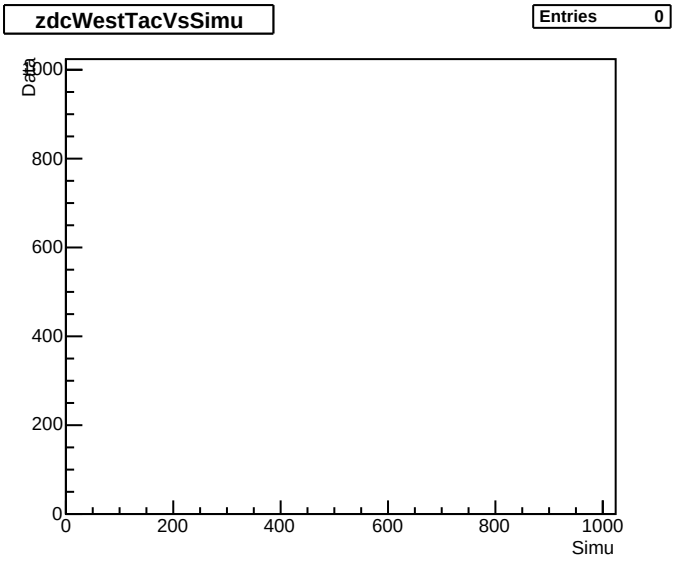

vpdWestTacMax
Entries 490275

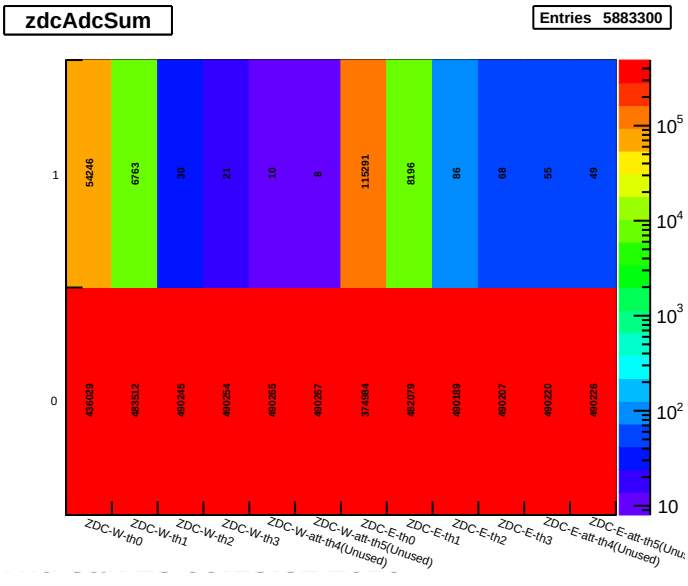

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

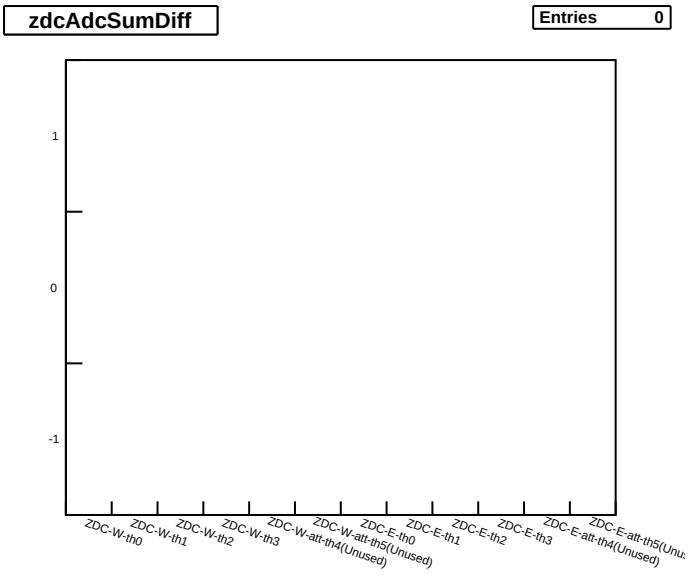

zdcEastTac
Entries 490275

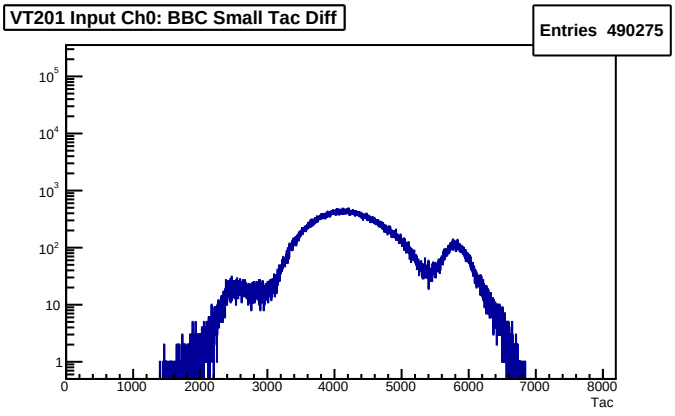

zdcEastTacVsSimu
Entries 0
Data
Simu

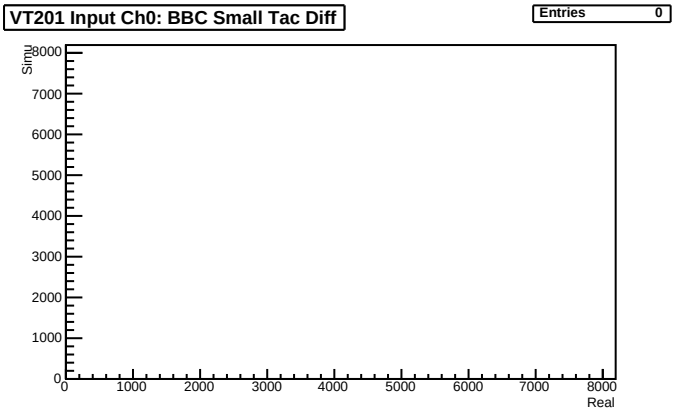

zdcWestTac
Entries 490275

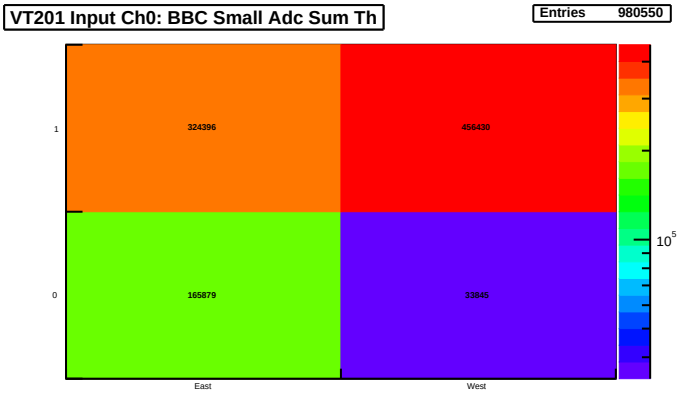

zdcWestTacVsSimu
Entries 0
Data
Simu

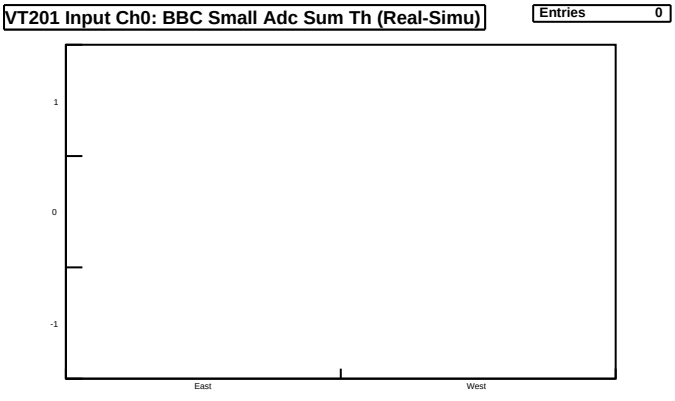

zdcAdcSum
Entries 5883300
54246
6763
30
21
10
8
115291
8196
86
68
55
49
436029
483512
490245
490254
490265
490267
374984
482079
490189
490207
490220
490226
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

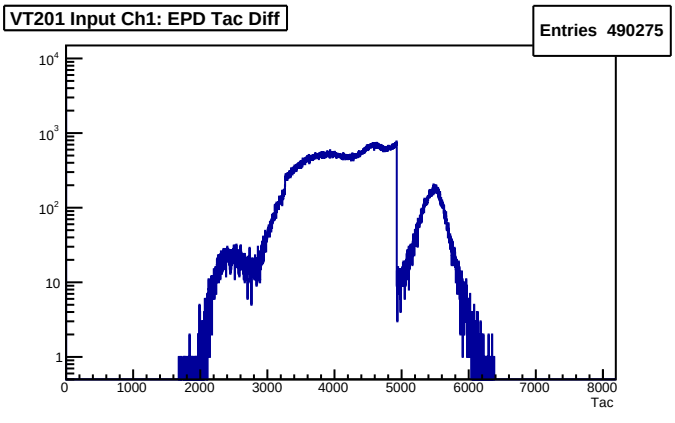

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

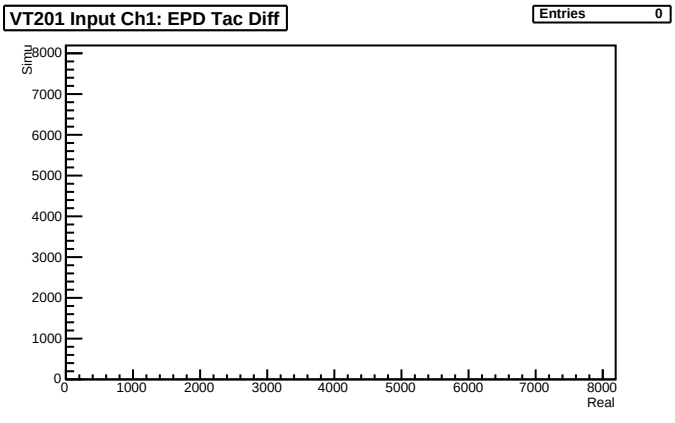

VT201 Input Ch0: BBC Small Tac Diff
Entries 490275
Tac

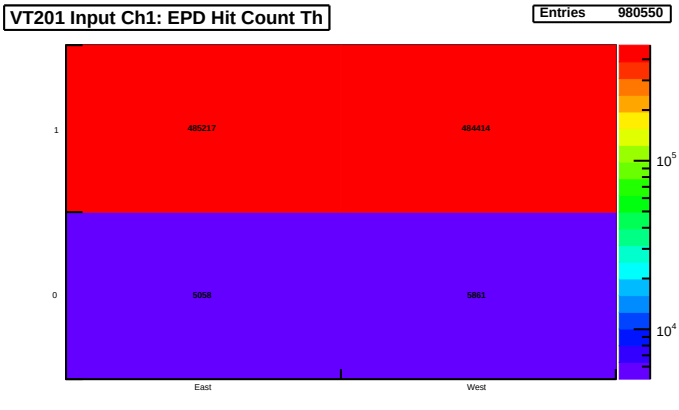

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

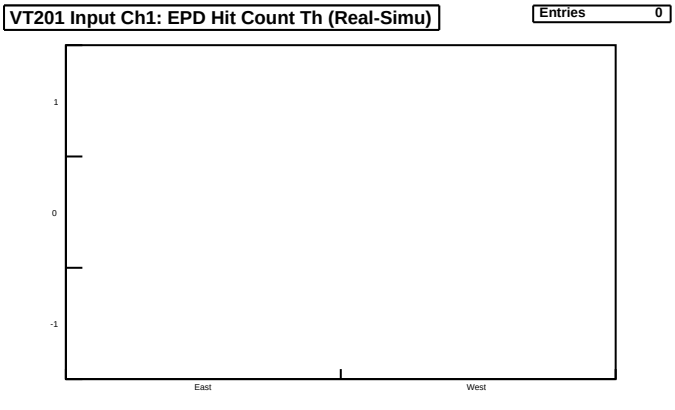

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 980550
324396
456430
165879
33845
East
West

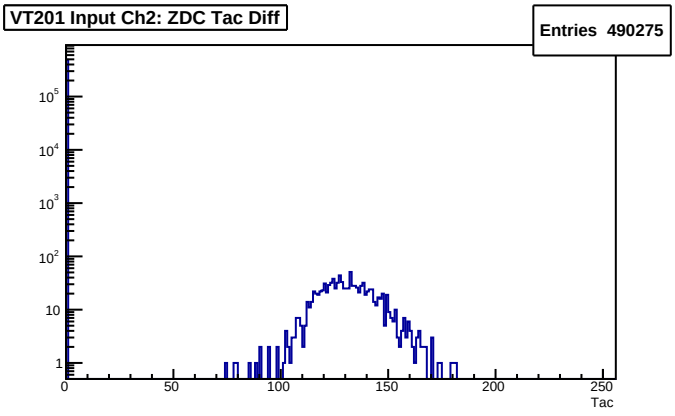

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

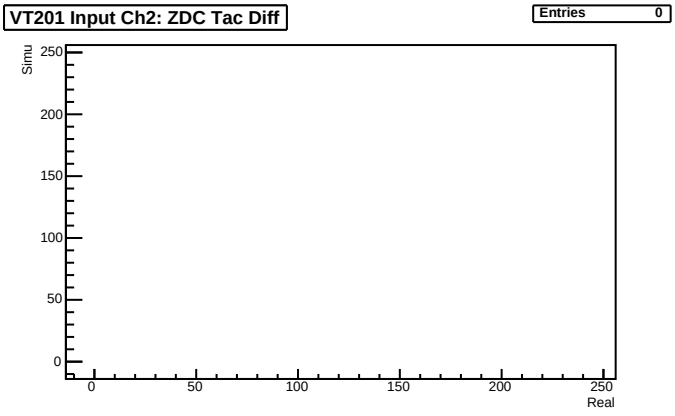

VT201 Input Ch1: EPD Tac Diff
Entries 490275
Tac

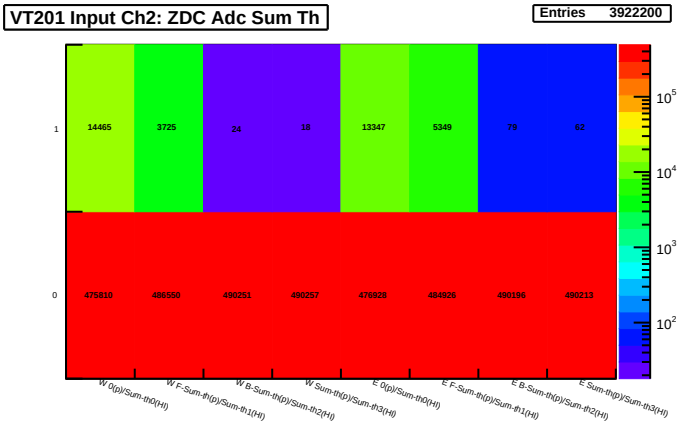

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

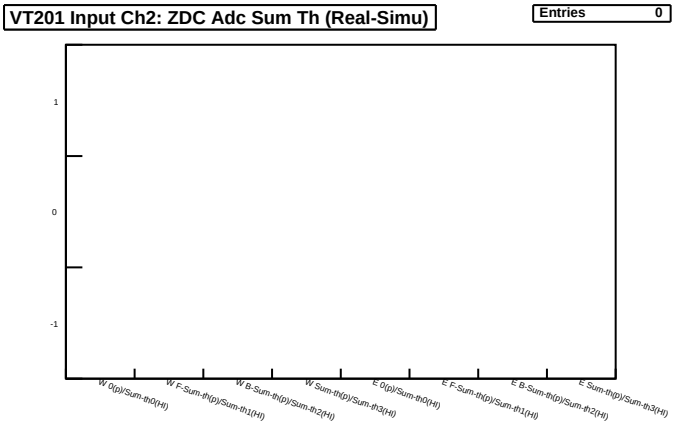

VT201 Input Ch1: EPD Hit Count Th
Entries 980550
485217
484414
5058
5861
East
West

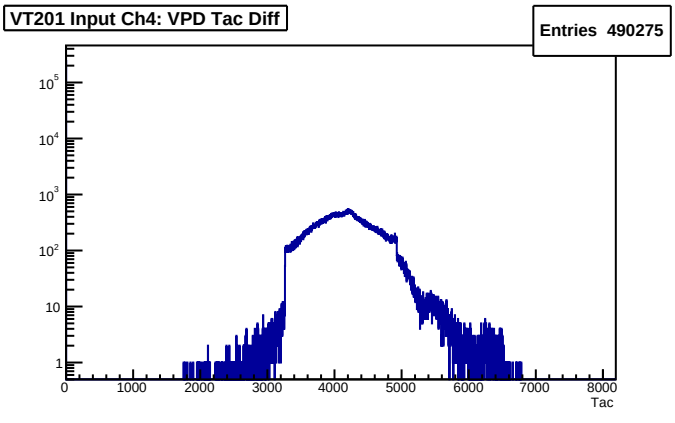

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

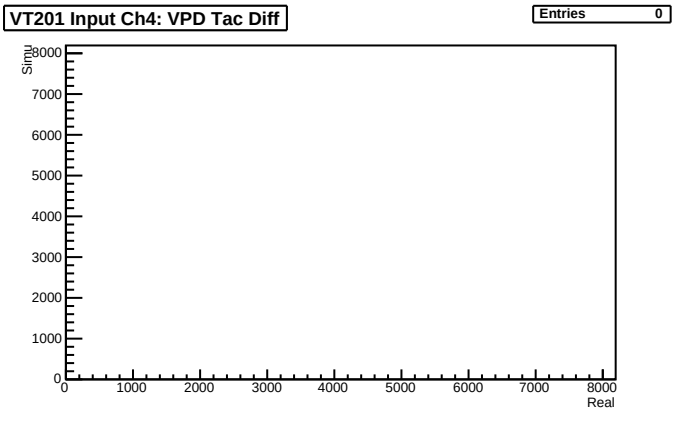

VT201 Input Ch2: ZDC Tac Diff
Entries 490275
Tac

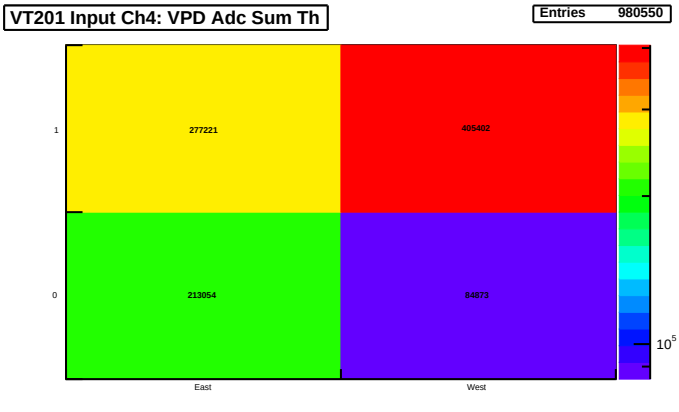

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

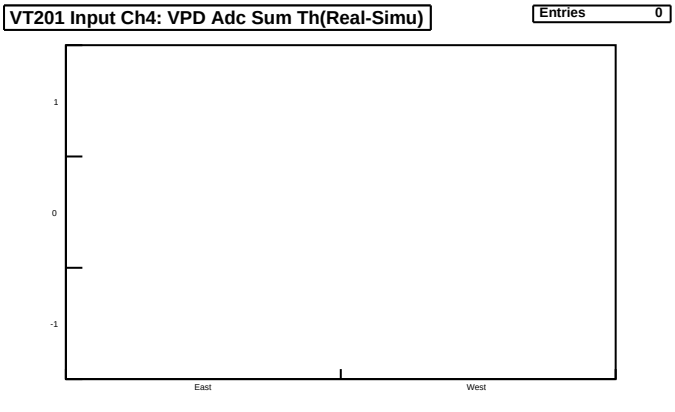

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3922200
14465
3725
24
18
13347
5349
79
62
475810
486550
490251
490257
476928
484926
490196
490213
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

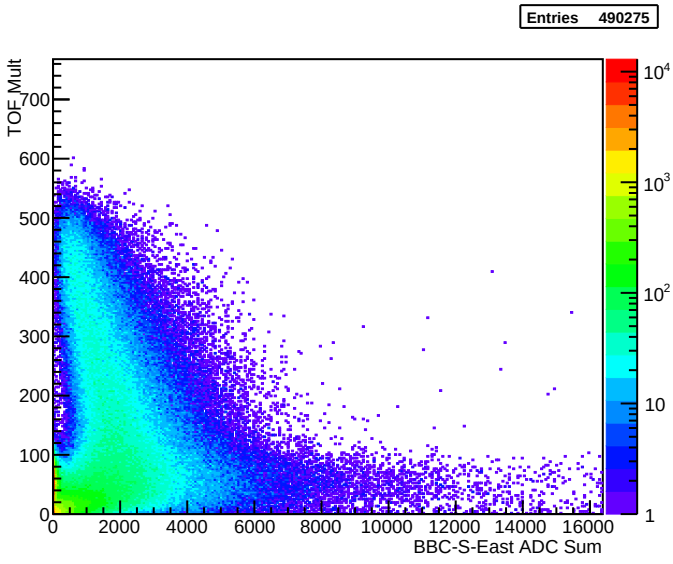

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

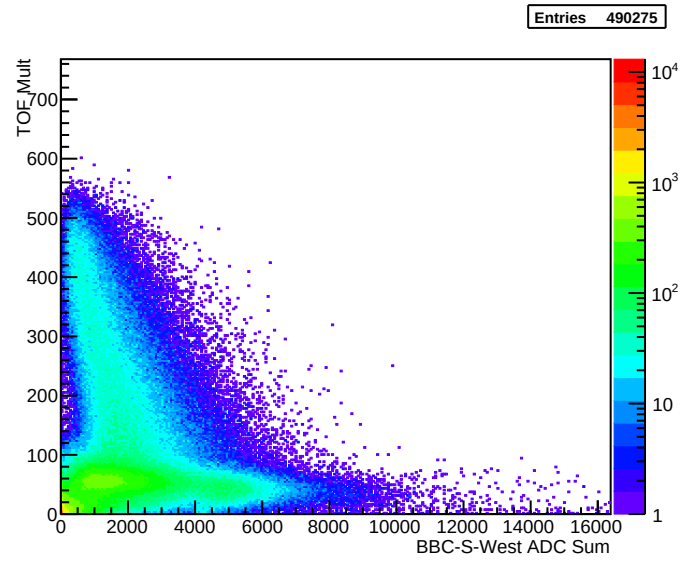

VT201 Input Ch4: VPD Tac Diff
Entries 490275
Tac

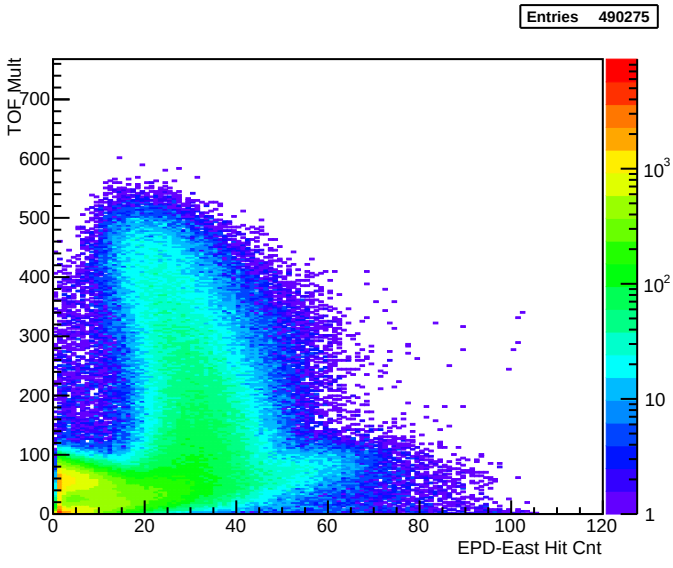

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

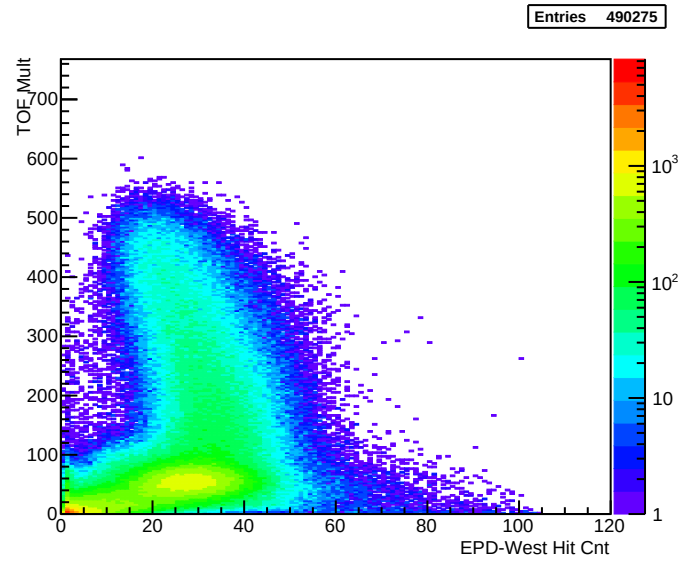

VT201 Input Ch4: VPD Adc Sum Th
Entries 980550
277221
405402
213054
84873
East
West

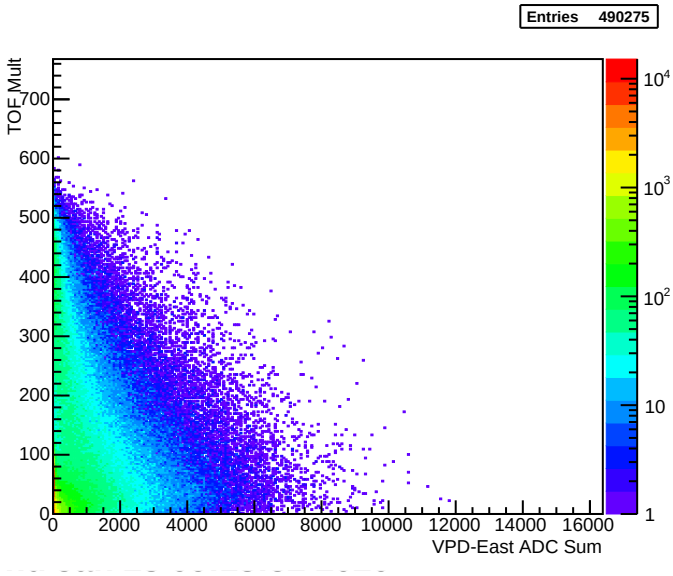

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

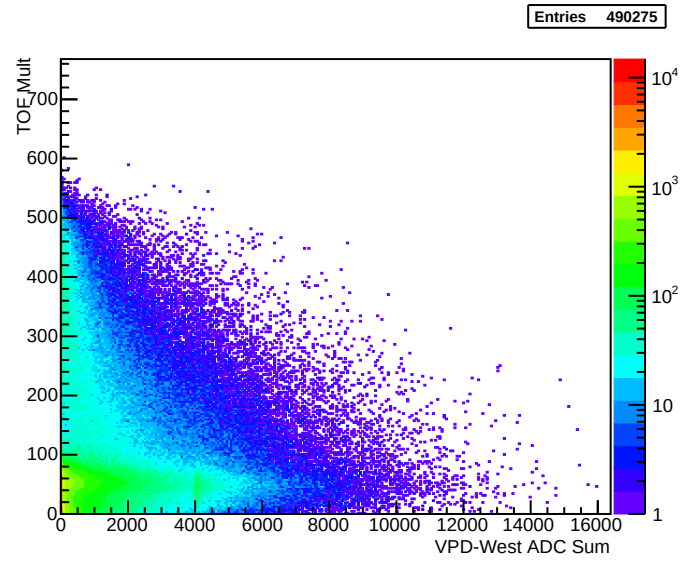

Entries 490275
TOF_Mult
BBC-S-East ADC Sum

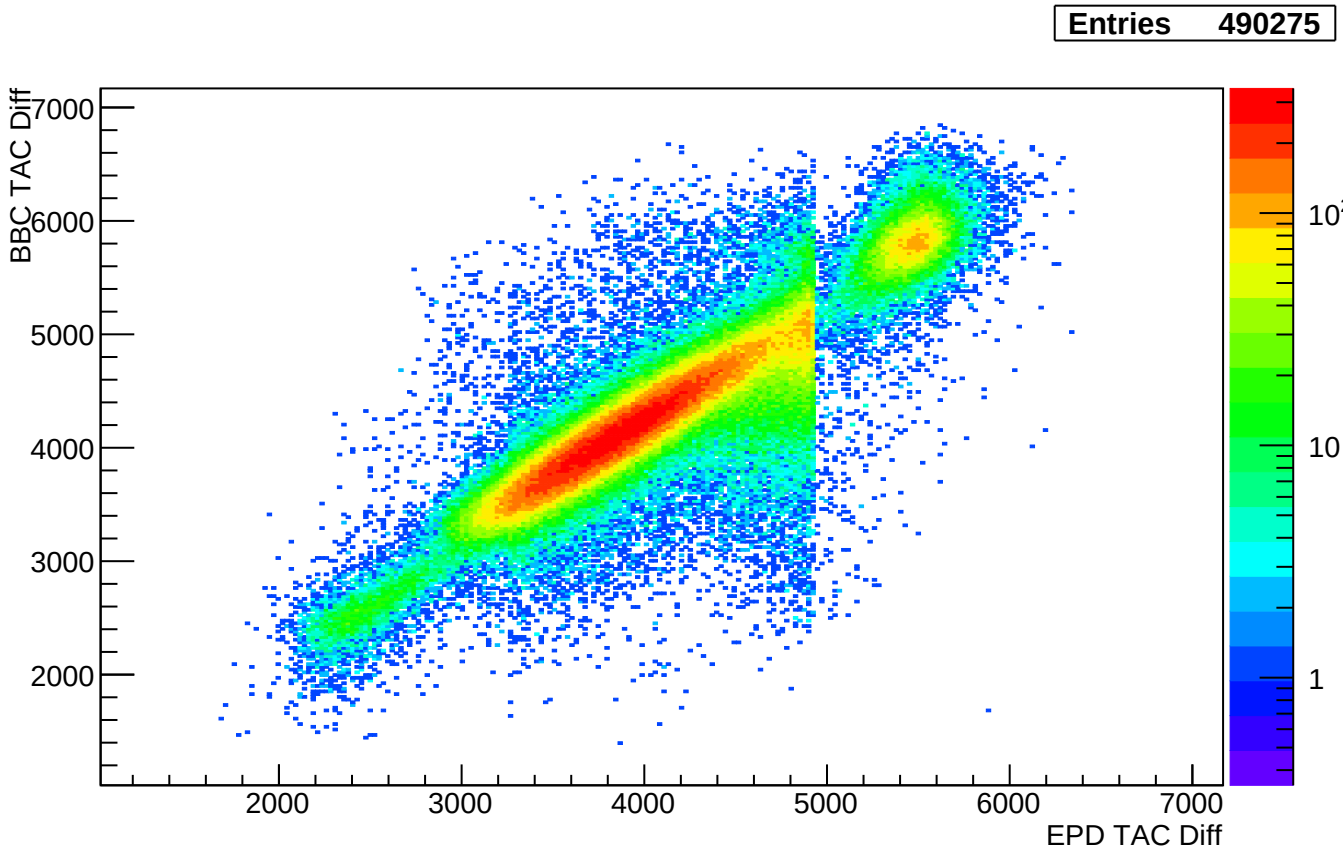

Entries 490275
TOF_Mult
BBC-S-West ADC Sum

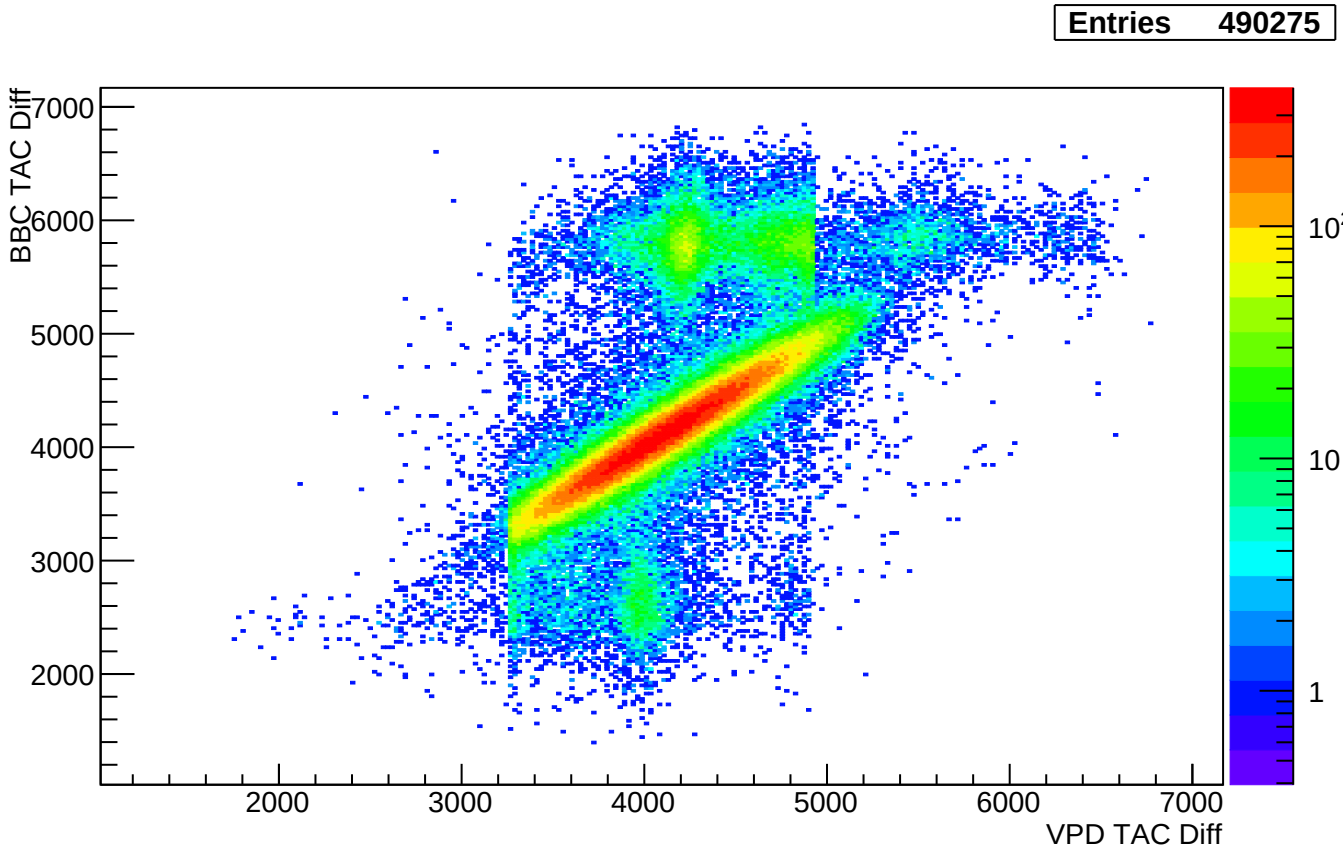

Entries 490275
TOF_Mult
EPD-East Hit Cnt

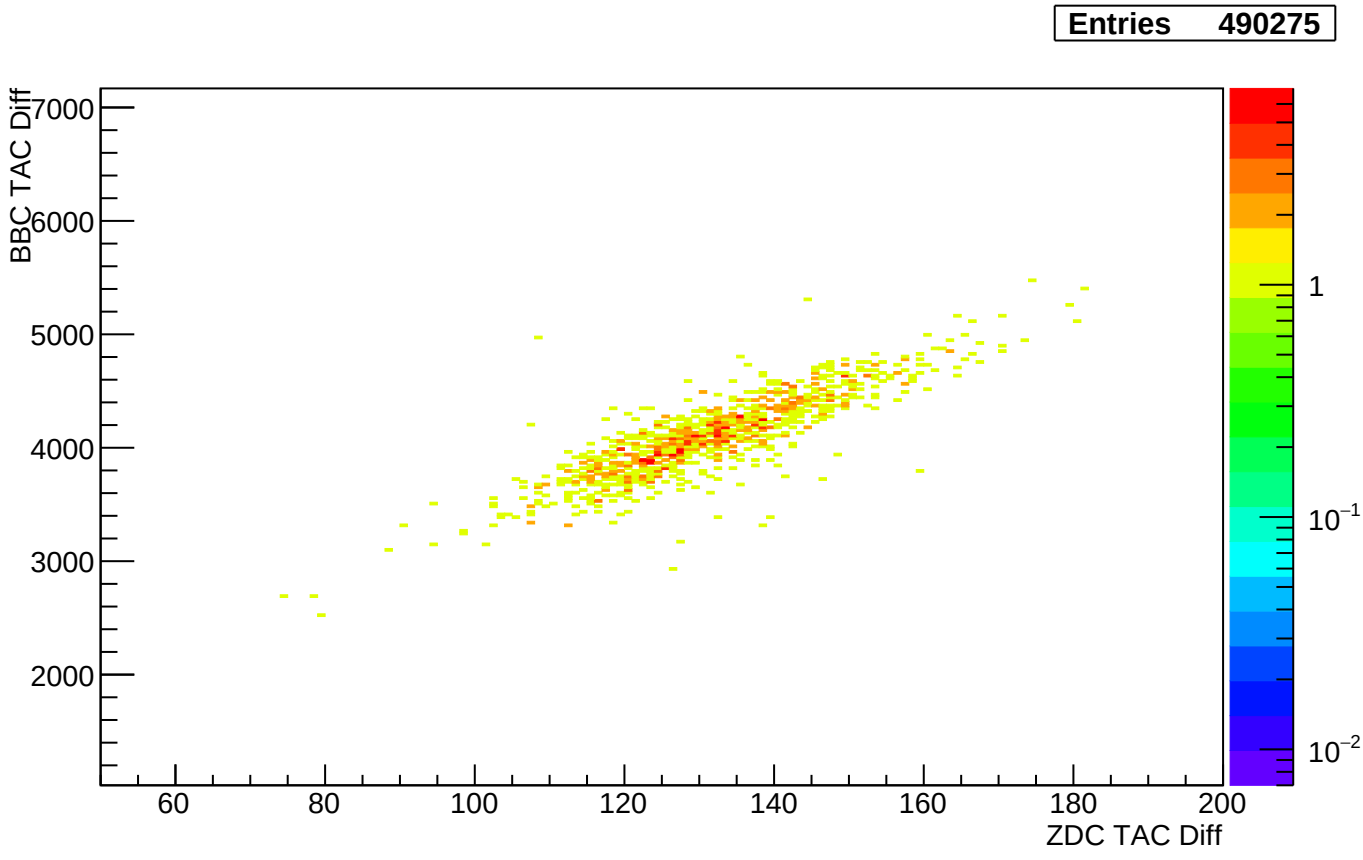

Entries 490275
TOF_Mult
EPD-West Hit Cnt

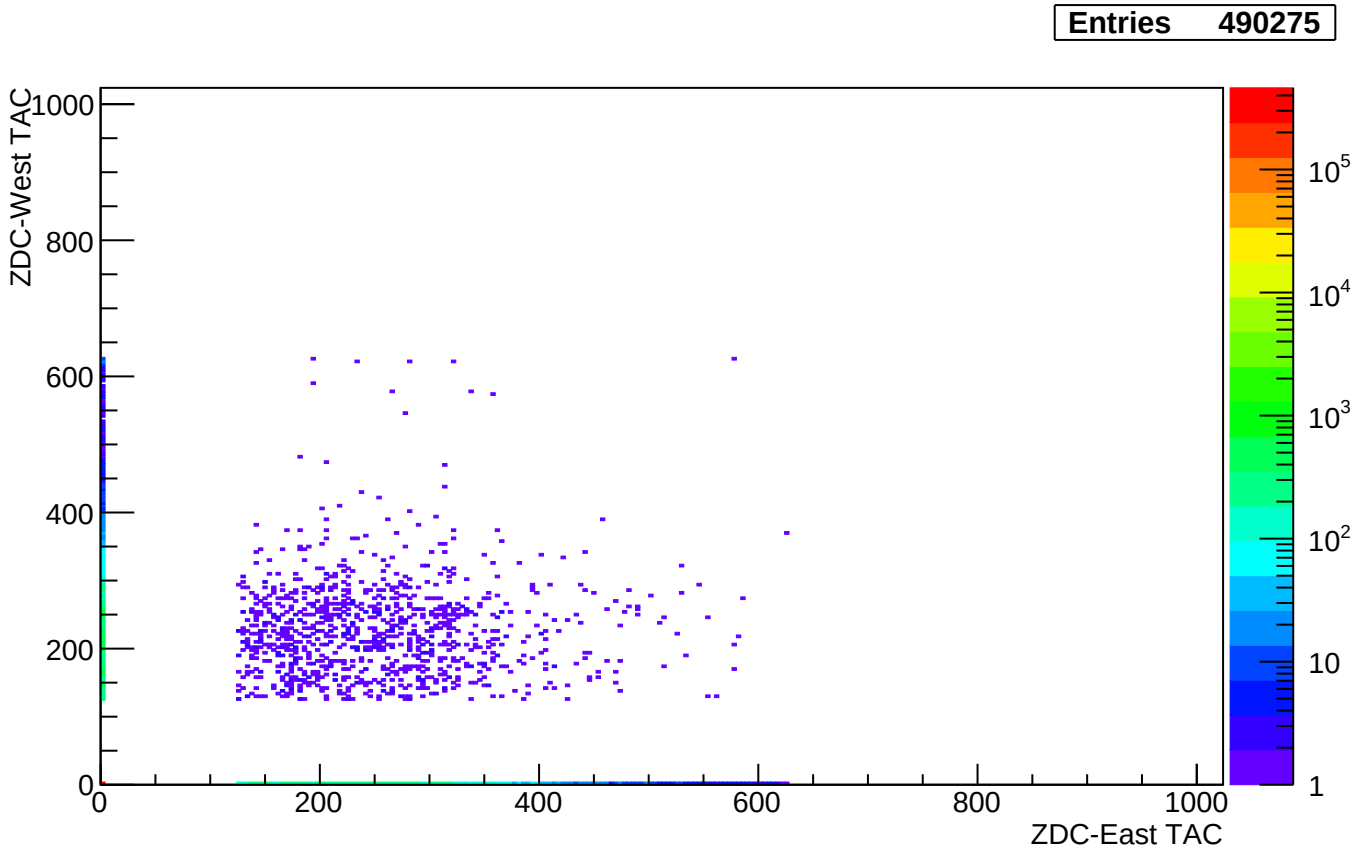

Entries 490275
TOF_Mult
VPD-East ADC Sum

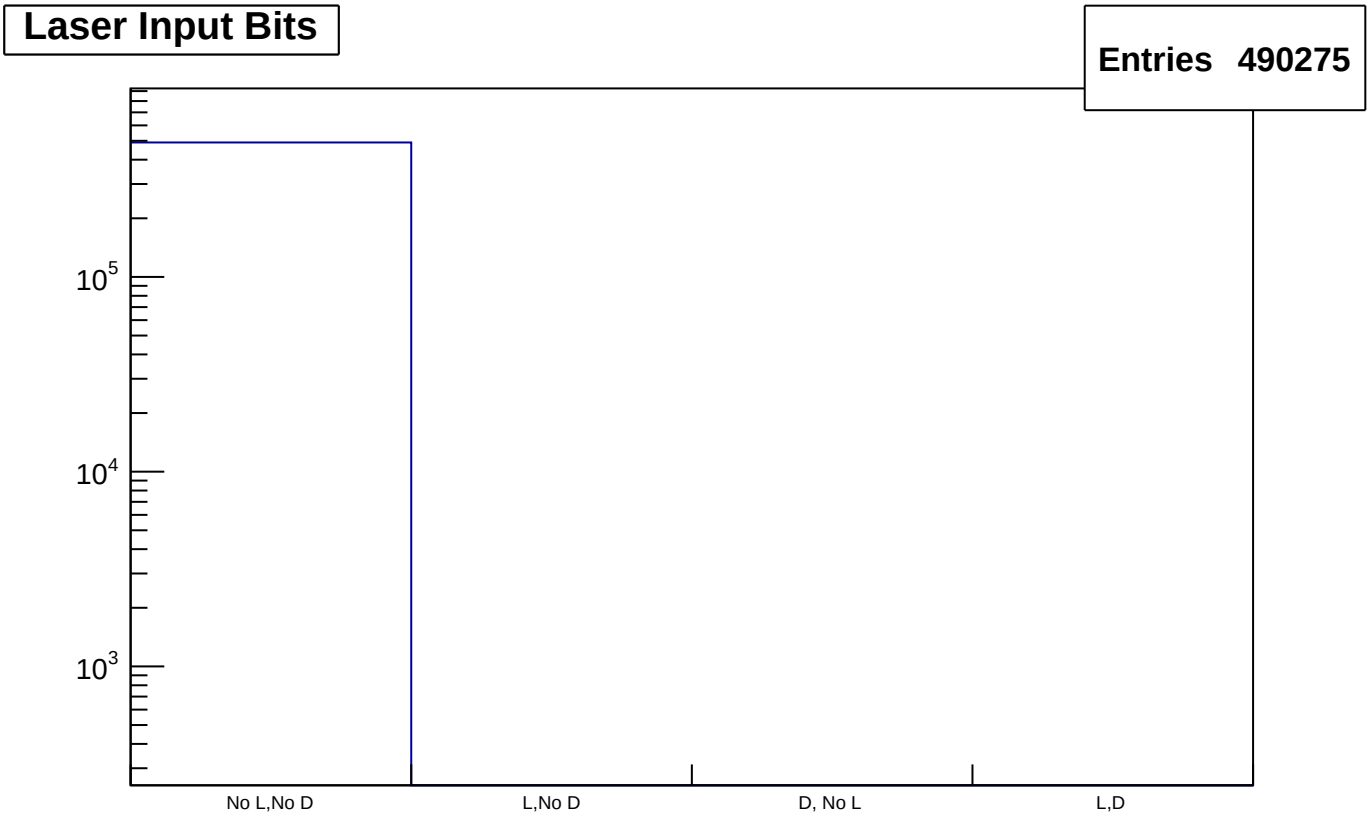

Entries 490275
TOF_Mult
VPD-West ADC Sum

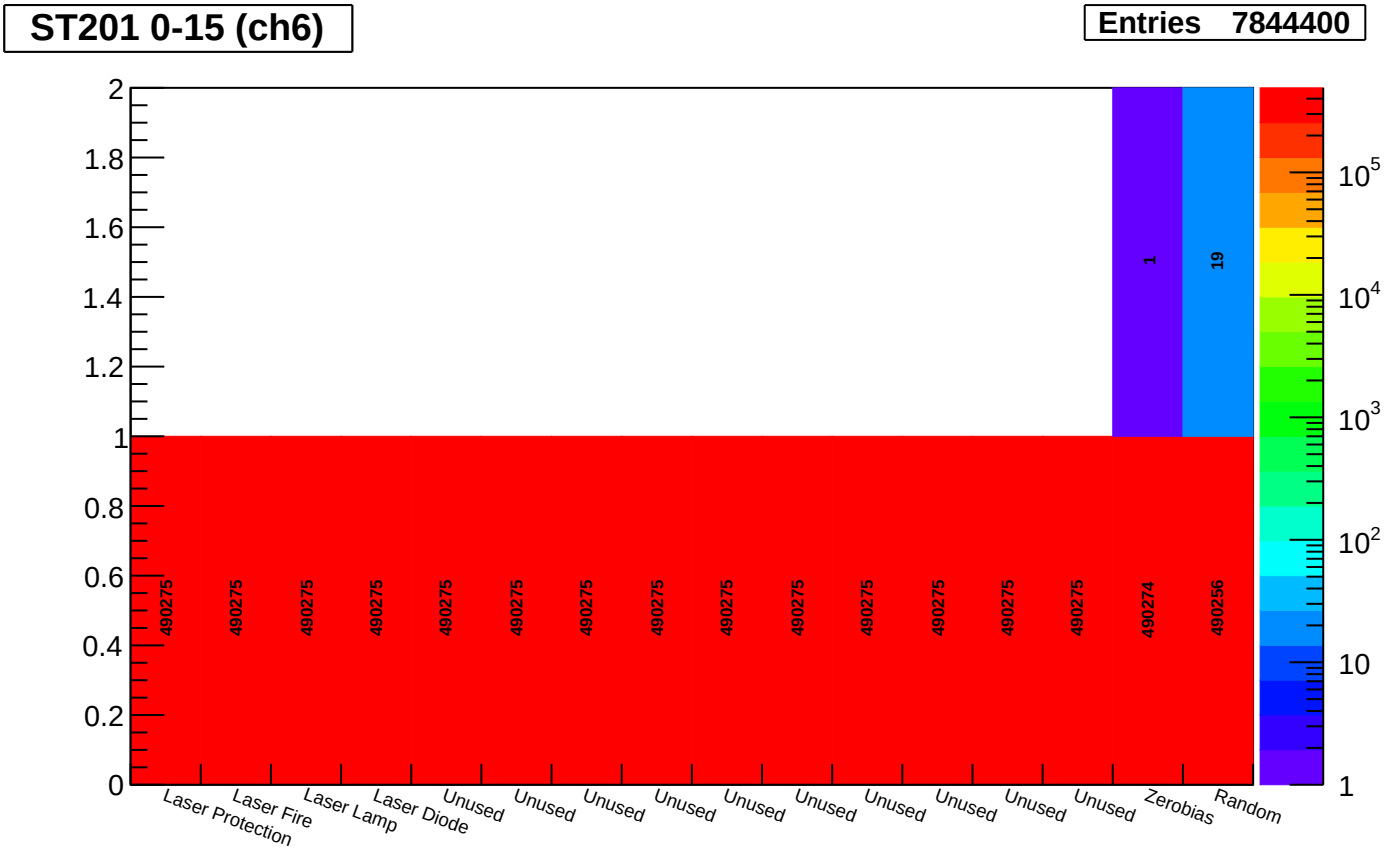

Entries 490275
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

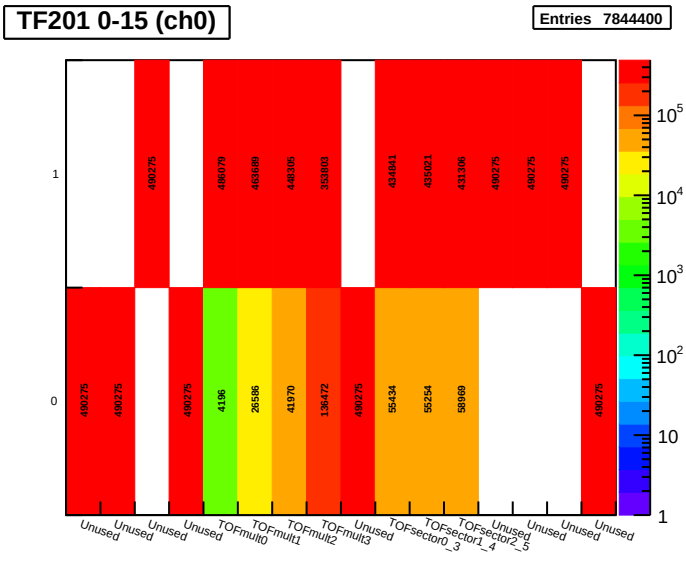

Entries 490275
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

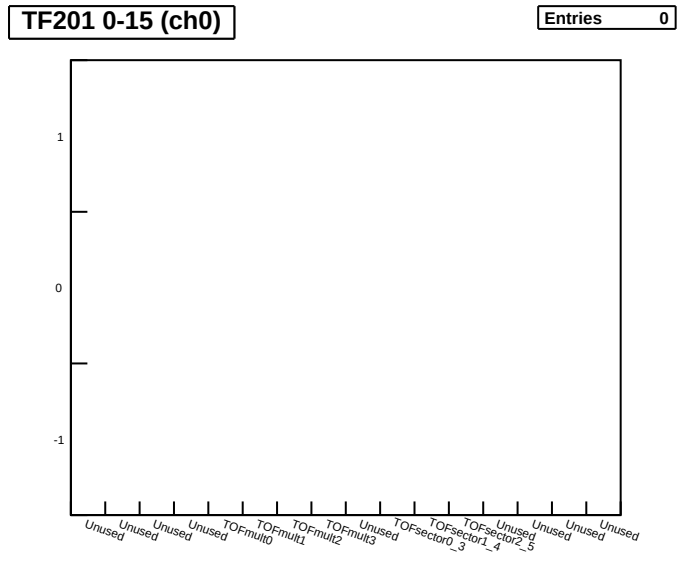

Entries 490275
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

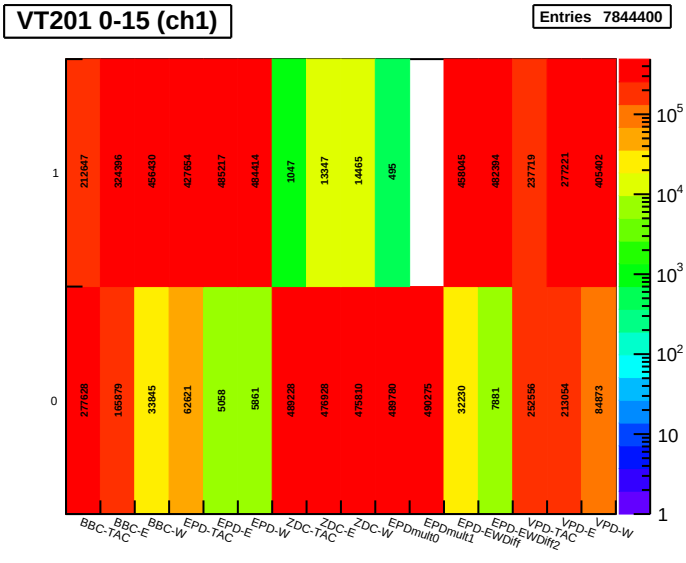

Entries 490275
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

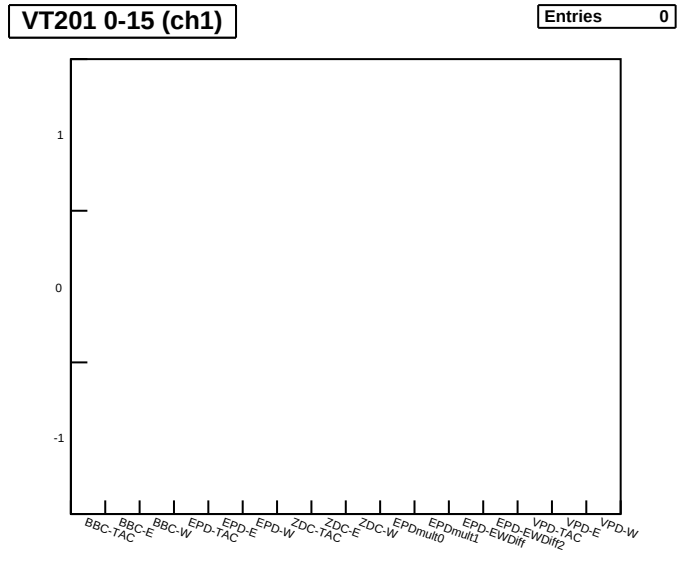

Laser Input Bits
Entries 490275
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

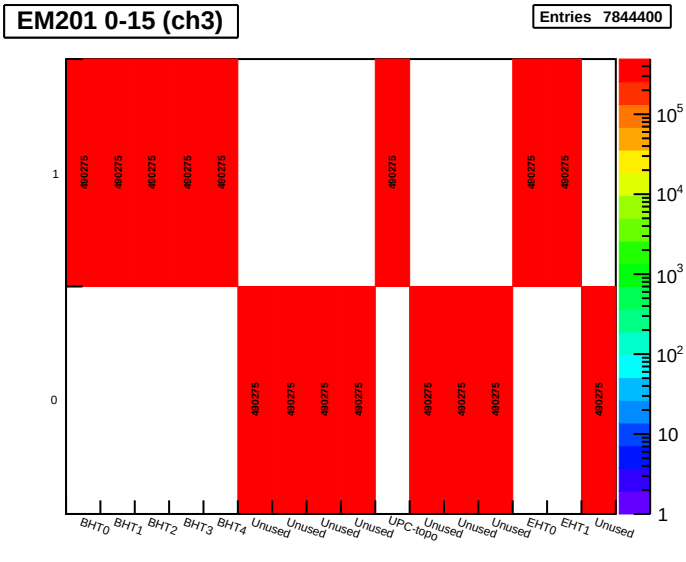

ST201 0-15 (ch6)
Entries 7844400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
490275
490275
490275
490275
490275
490275
490275
490275
490275
490275
490275
490275
490275
490274
490256
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

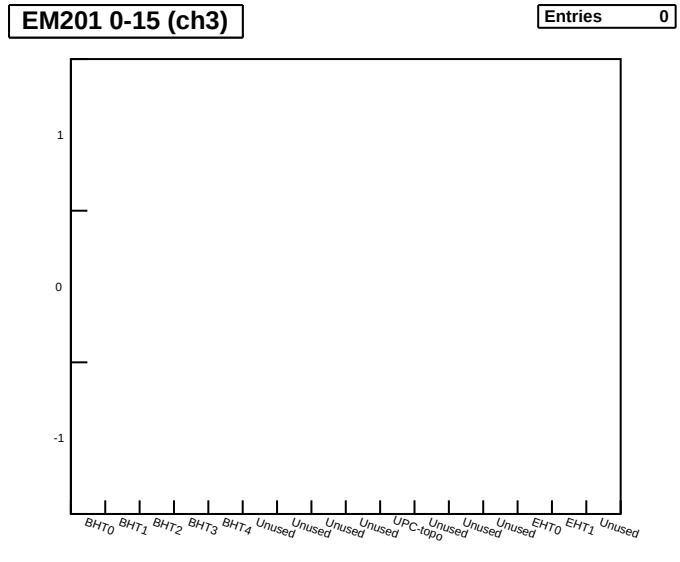

TF201 0-15 (ch0)
Entries 7844400
1
0
490275 490275 490275 490275 490275 490275 490275 490275 490275 490275 490275 490275 490275 490275 490275 490275
4196 26586 41970 136472 55434 55254 58969
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7844400
1
0
212647 324396 456430 427654 485217 484414 1047 13347 14465 495 458045 482394 237719 277221 405402
277628 165879 33845 62621 5058 5861 489228 476928 475810 489780 490275 32230 7881 252556 213054 84873
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 7844400
1
0
490275 490275 490275 490275 490275 490275 490275 490275 490275
490275 490275 490275 490275 490275 490275 490275 490275
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