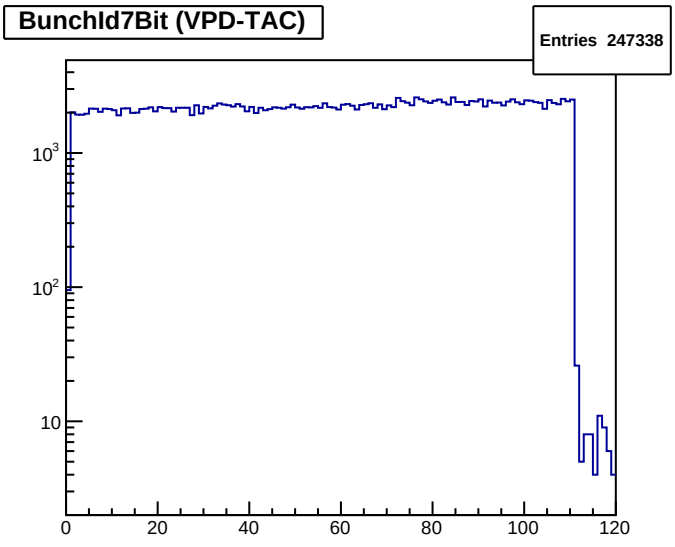
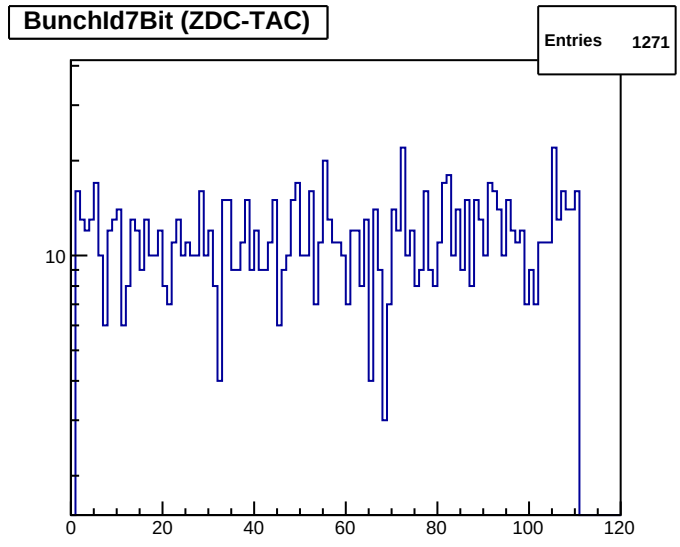
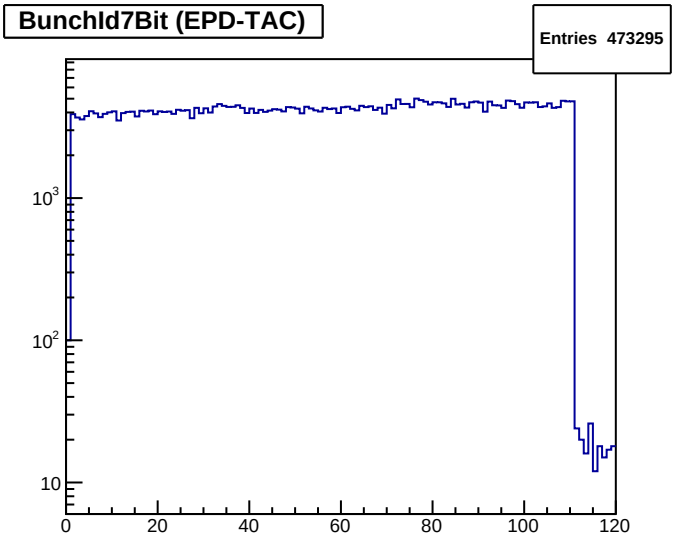
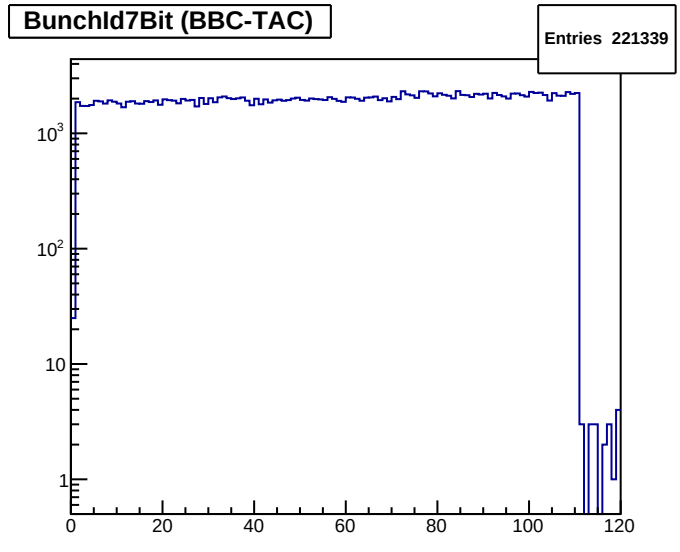
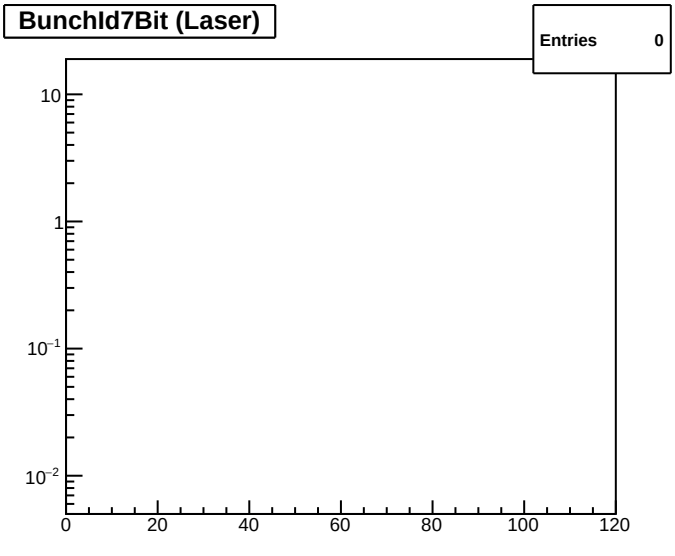
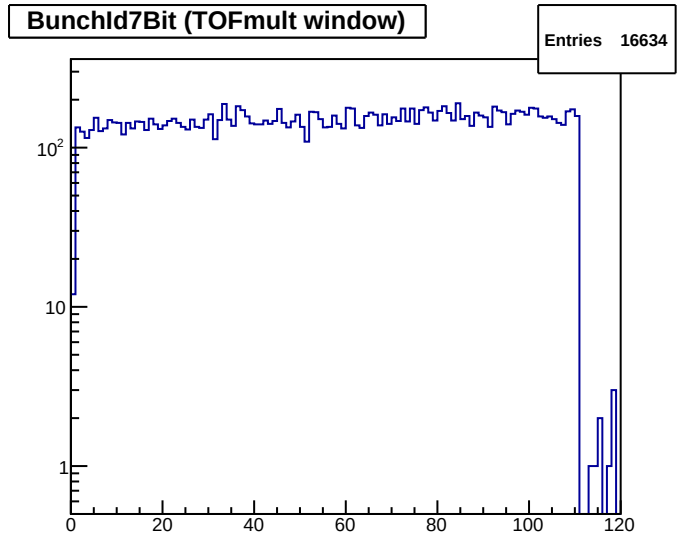

BunchId7Bit (VPD-TAC)
Entries 247338

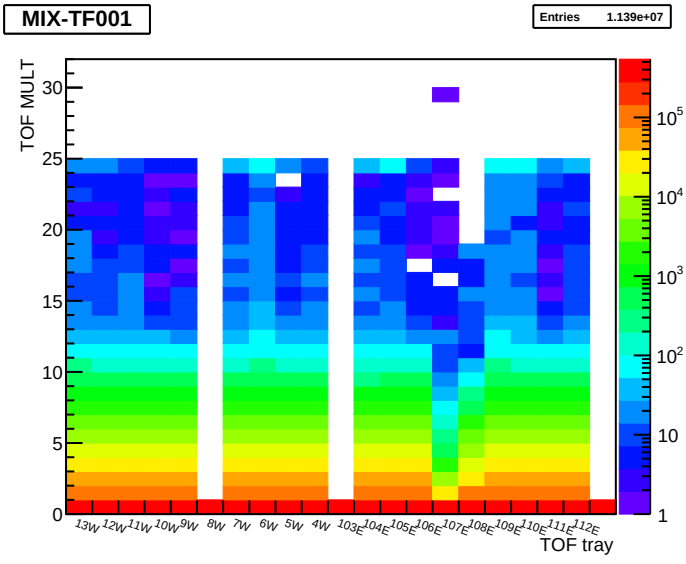

BunchId7Bit (ZDC-TAC)
Entries 1271

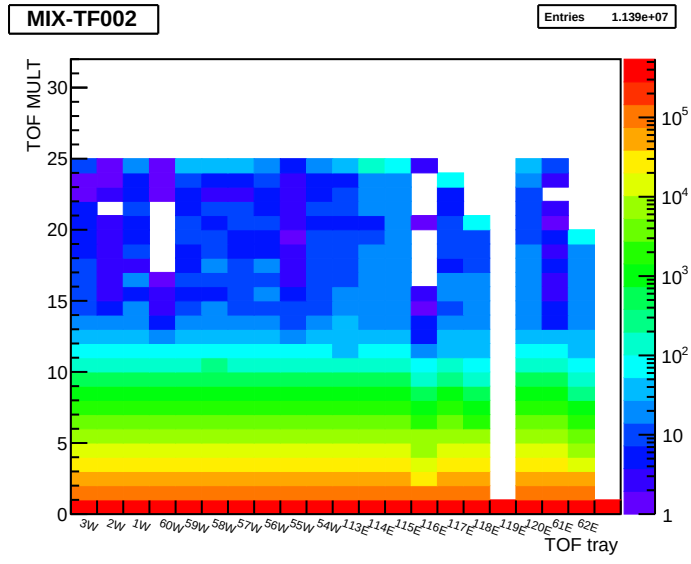

BunchId7Bit (EPD-TAC)
Entries 473295

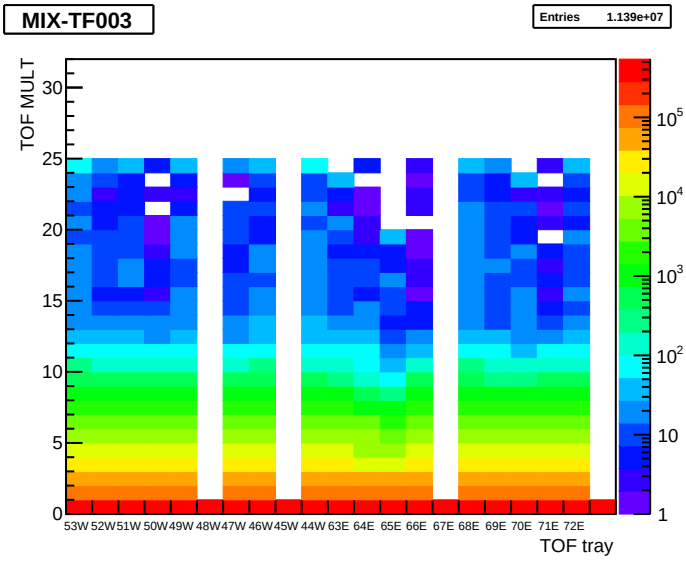

BunchId7Bit (BBC-TAC)
Entries 221339

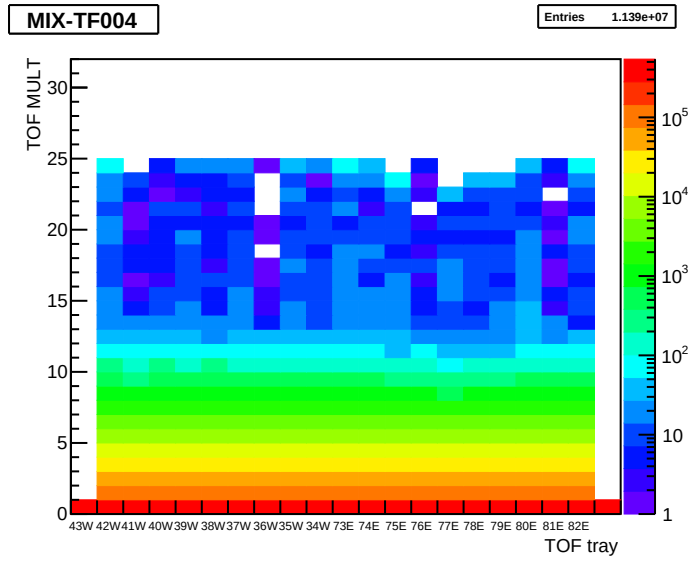

BunchId7Bit (Laser)
Entries 0

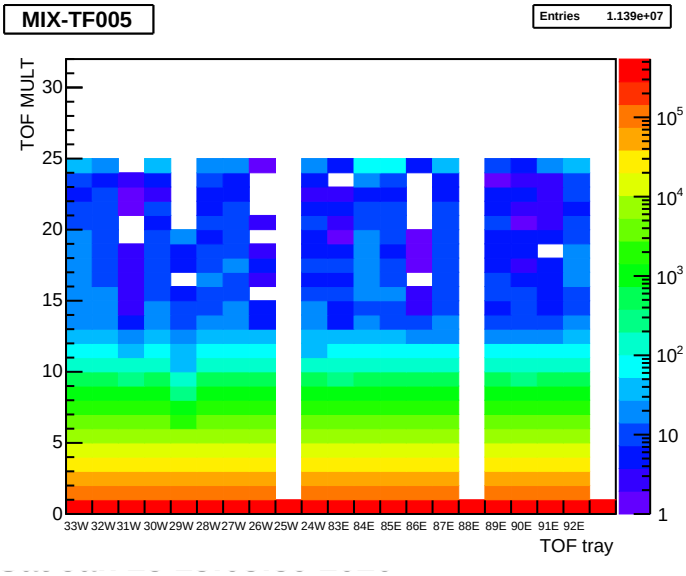

BunchId7Bit (TOFmult window)
Entries 16634

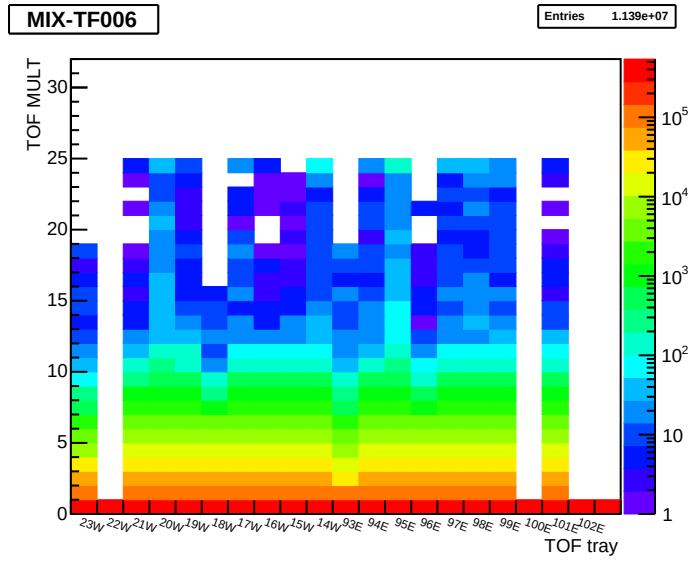

MIX-TF001
Entries 1.139e+07
TOF MULT
TOF tray

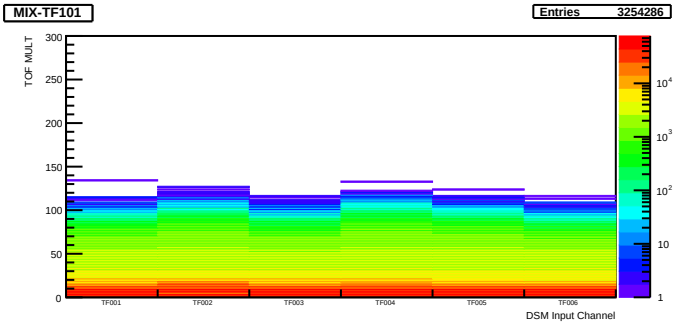

MIX-TF002
Entries 1.139e+07
TOF MULT
TOF tray

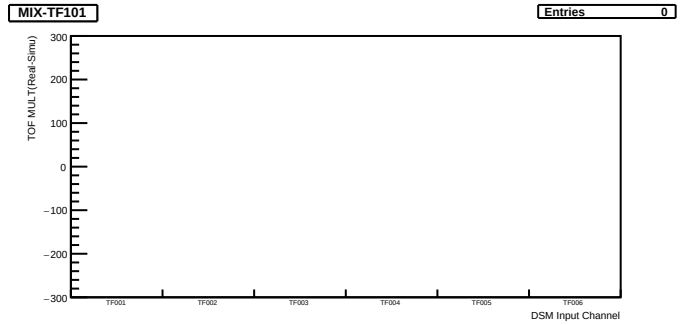

MIX-TF003
Entries 1.139e+07
TOF MULT
TOF tray

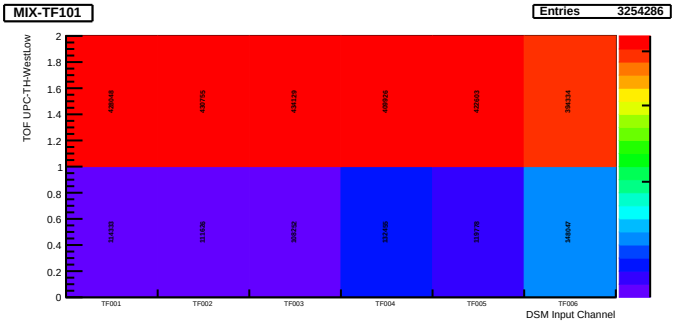

MIX-TF004
Entries 1.139e+07
TOF MULT
TOF tray

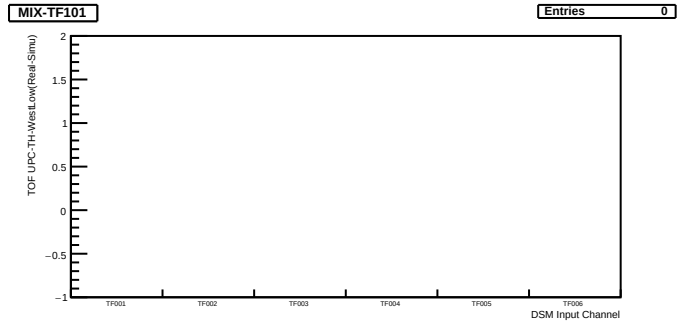

MIX-TF005
Entries 1.139e+07
TOF MULT
TOF tray

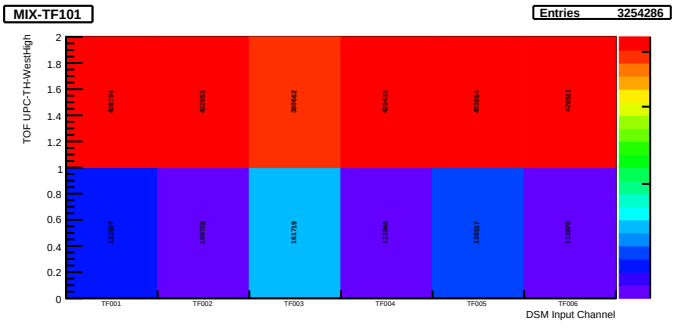

MIX-TF006
Entries 1.139e+07
TOF MULT
TOF tray

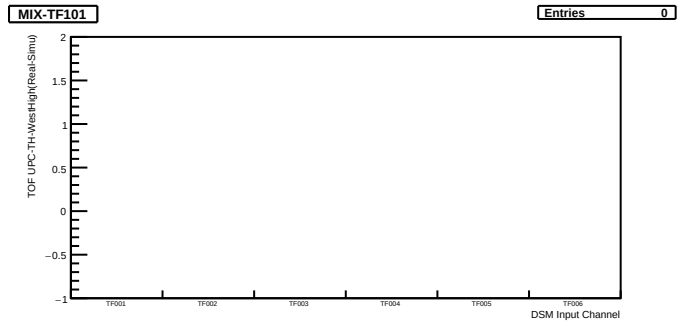

MIX-TF101
Entries 3254286
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

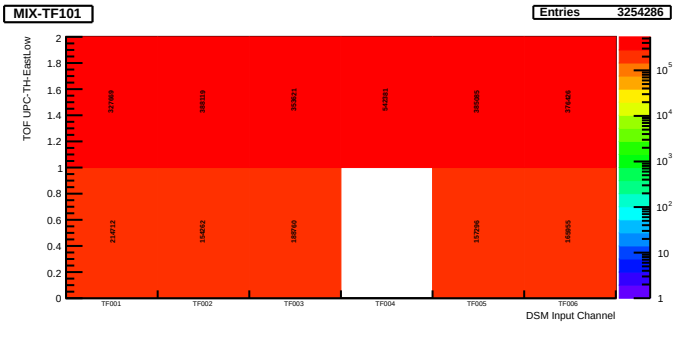

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

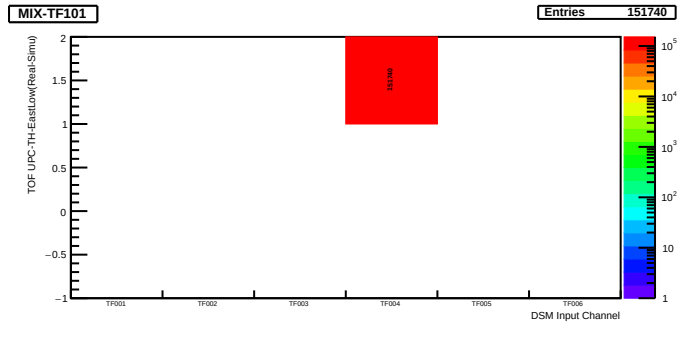

MIX-TF101
Entries 3254286
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

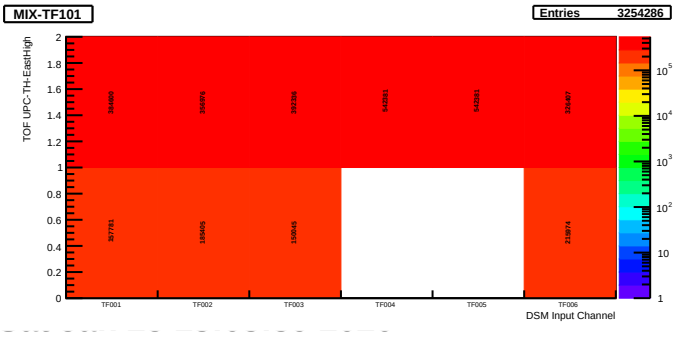

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

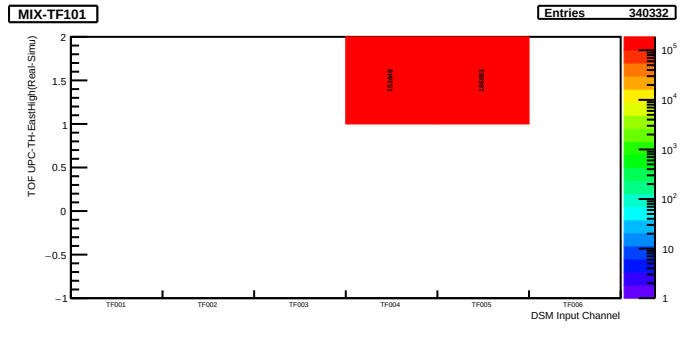

MIX-TF101
Entries 3254286
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

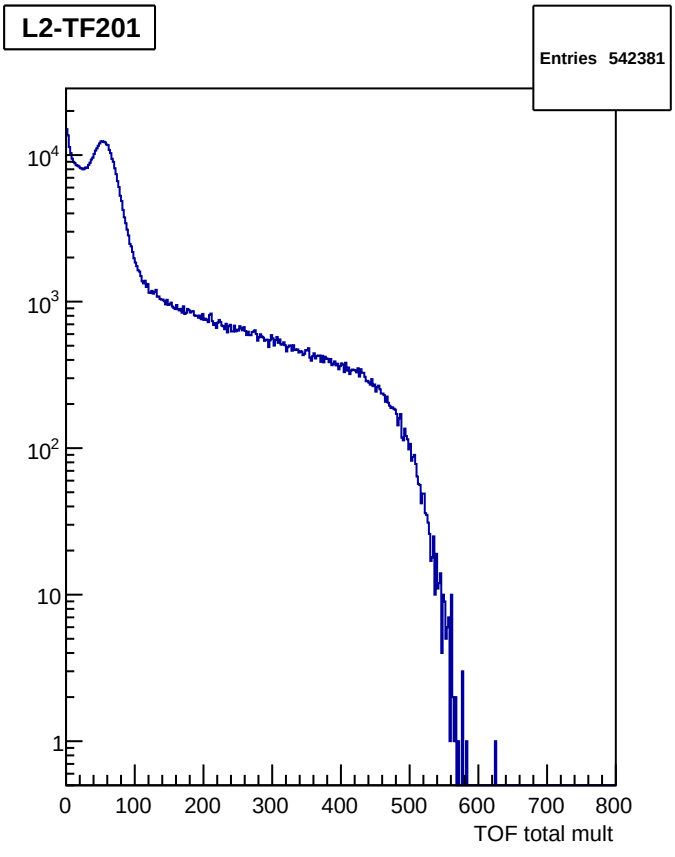

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

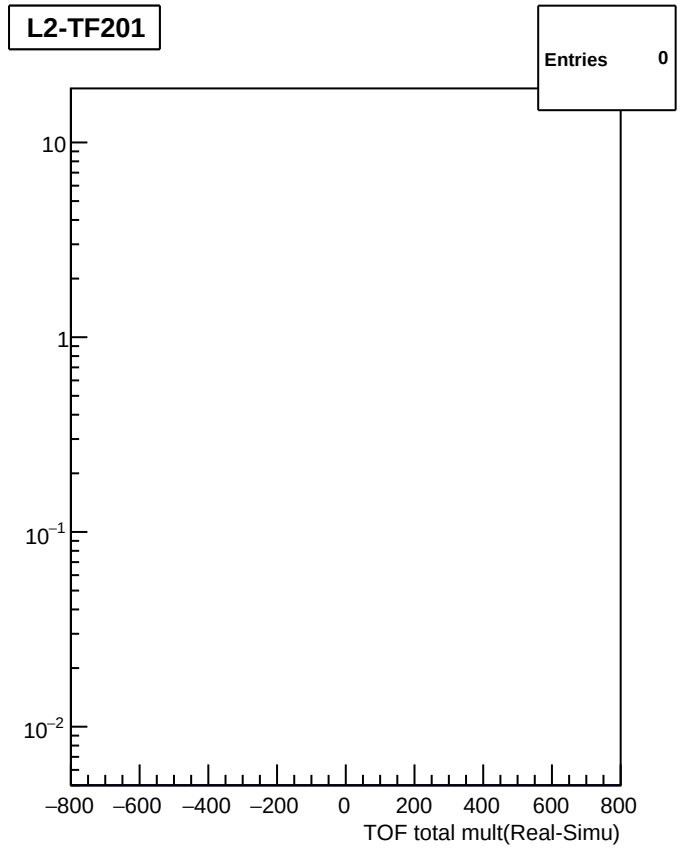

MIX-TF101
Entries 3254286
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

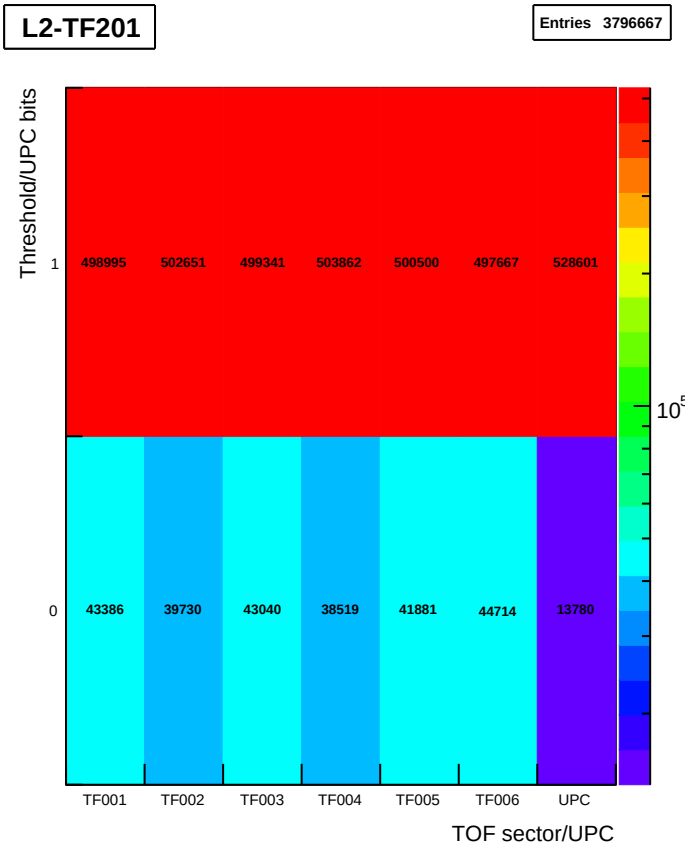

MIX-TF101
Entries 151740
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

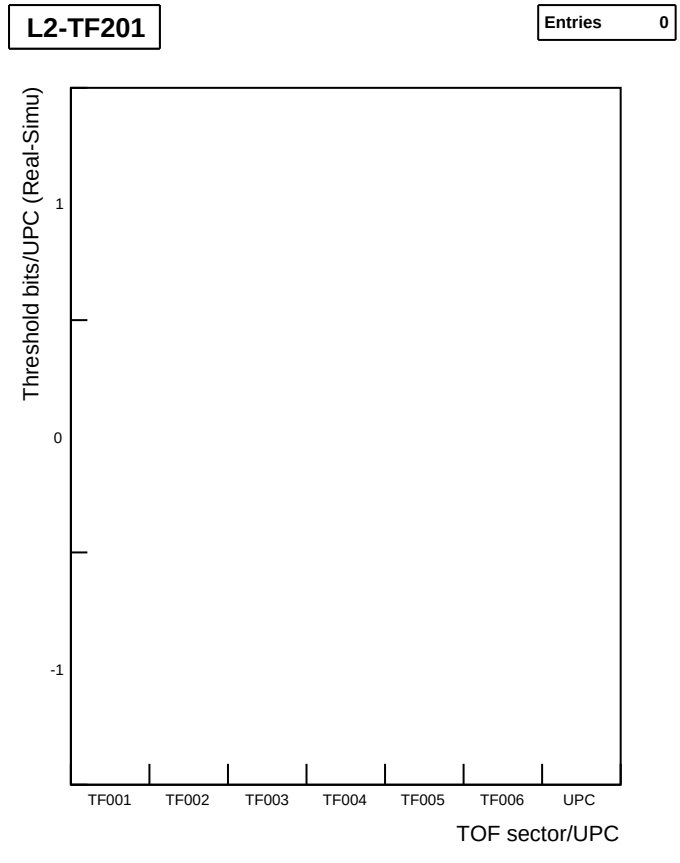

MIX-TF101
Entries 3254286
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

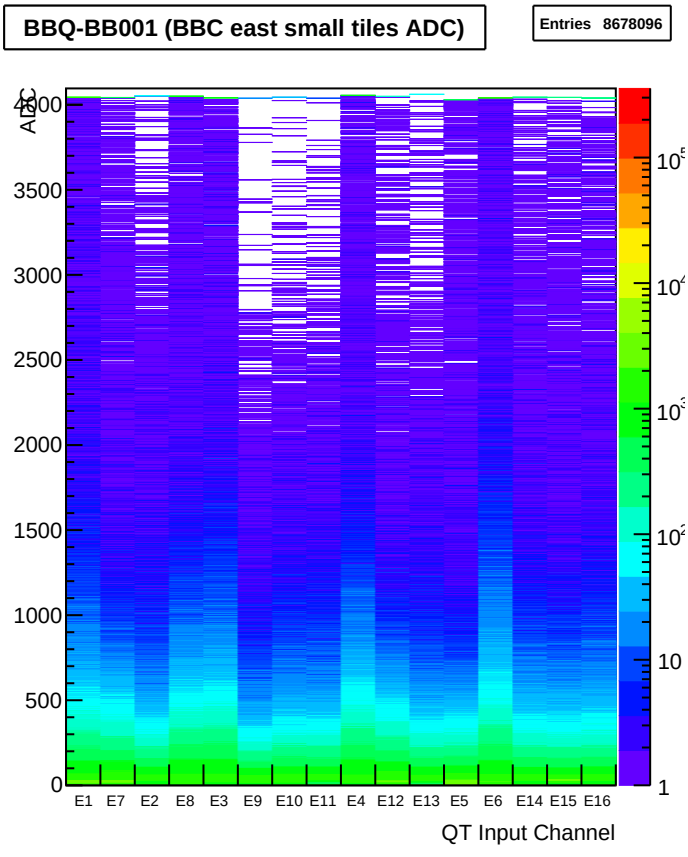

MIX-TF101
Entries 340332
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

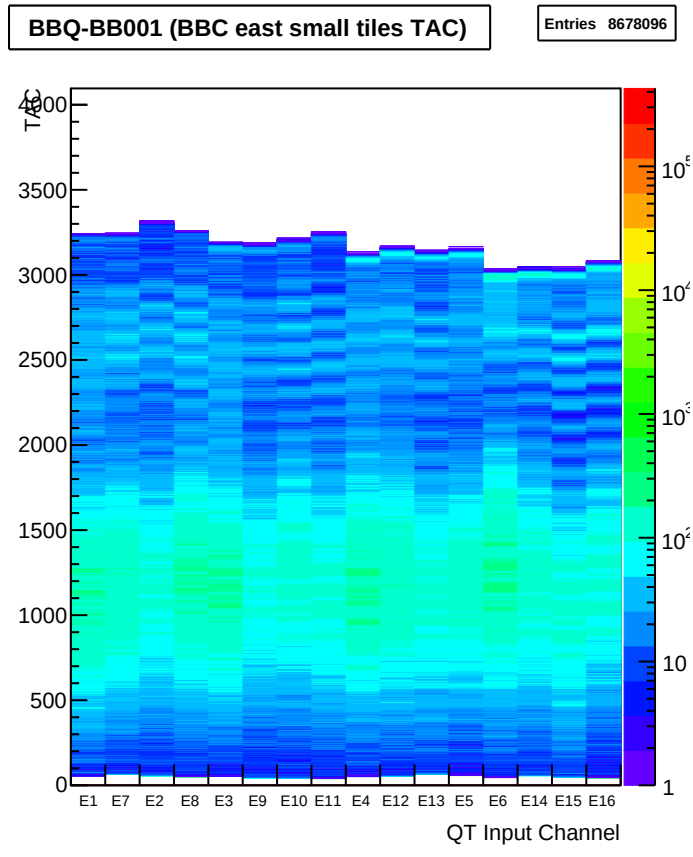

L2-TF201
Entries 542381
TOF total mult

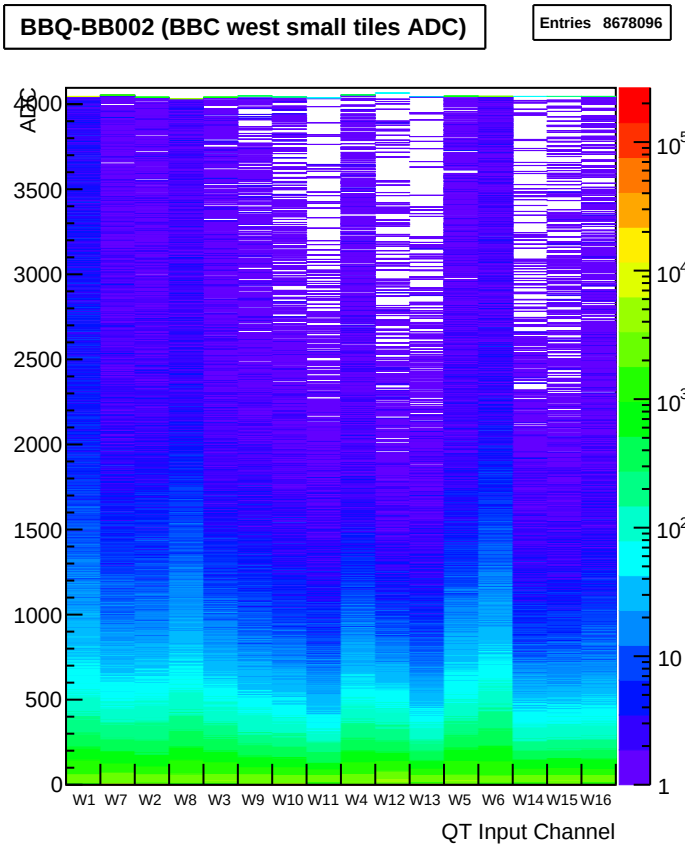

L2-TF201
Entries 0
TOF total mult(Real-Simu)

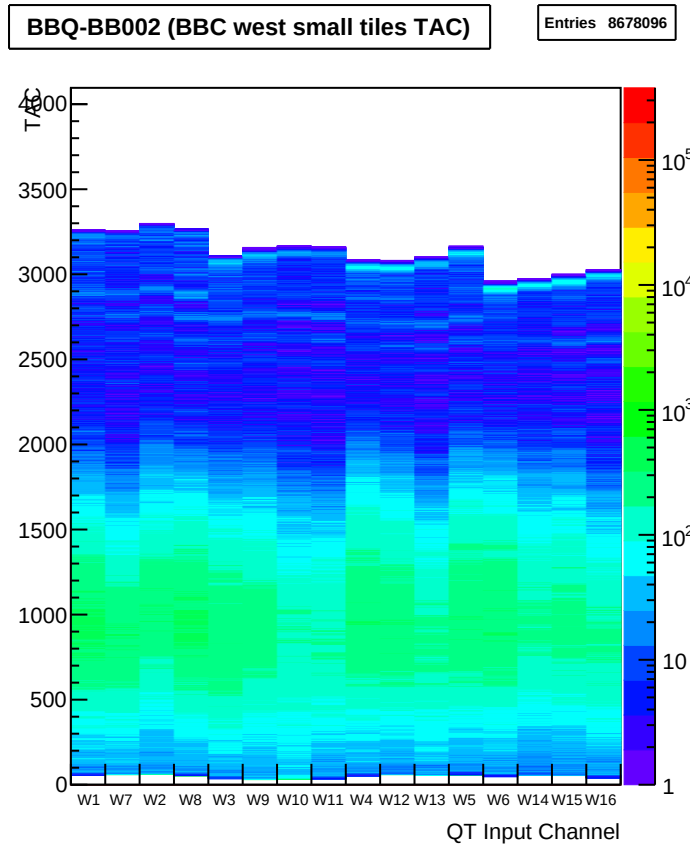

L2-TF201
Entries 3796667
Threshold/UPC bits
498995
502651
499341
503862
500500
497667
528601
43386
39730
43040
38519
41881
44714
13780
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

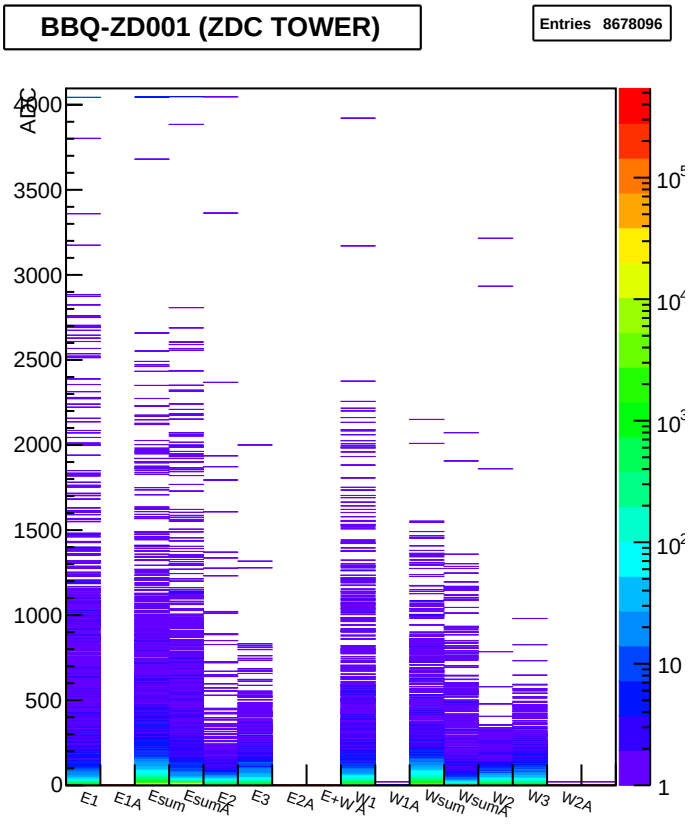

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

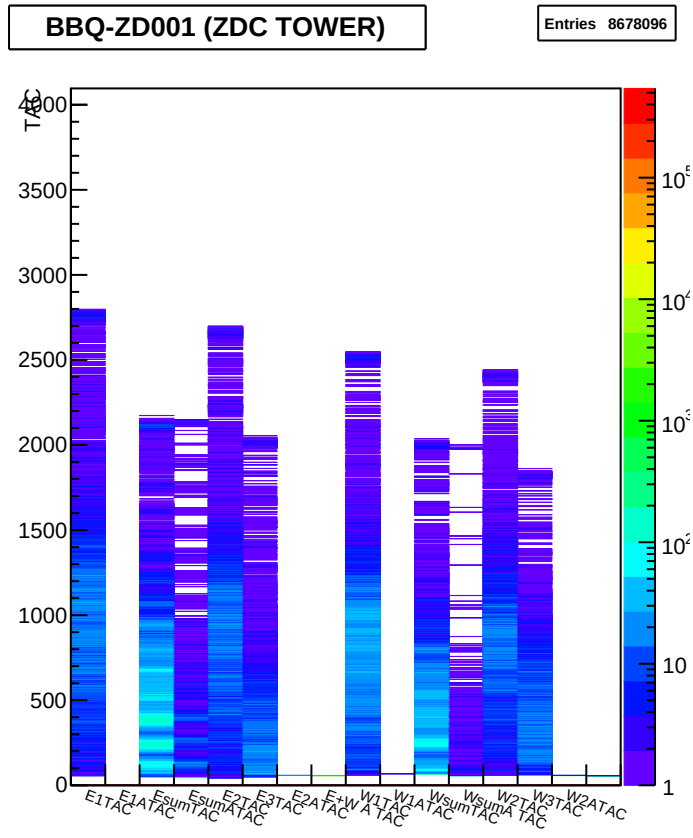

BBQ-BB001 (BBC east small tiles ADC)
Entries 8678096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

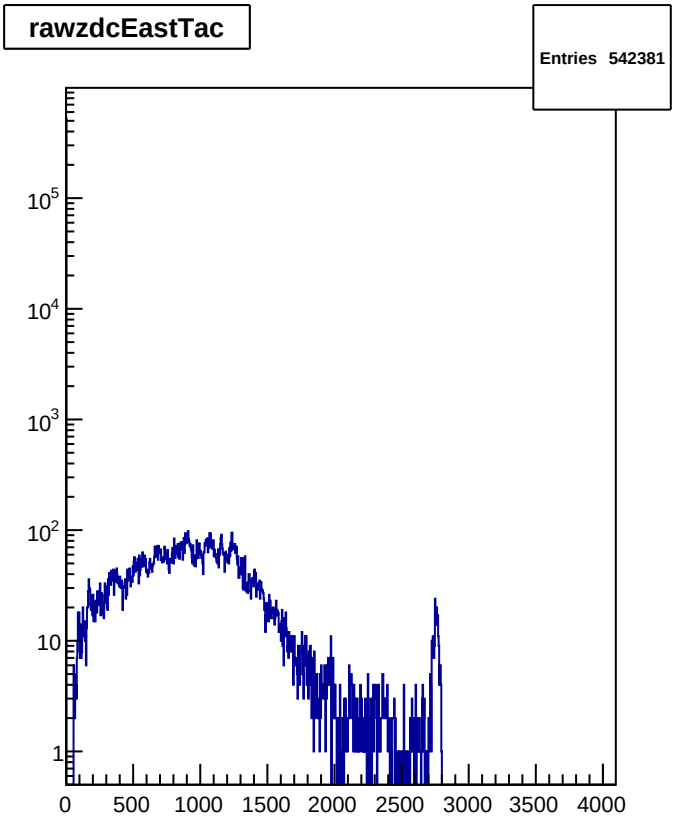

BBQ-BB001 (BBC east small tiles TAC)
Entries 8678096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

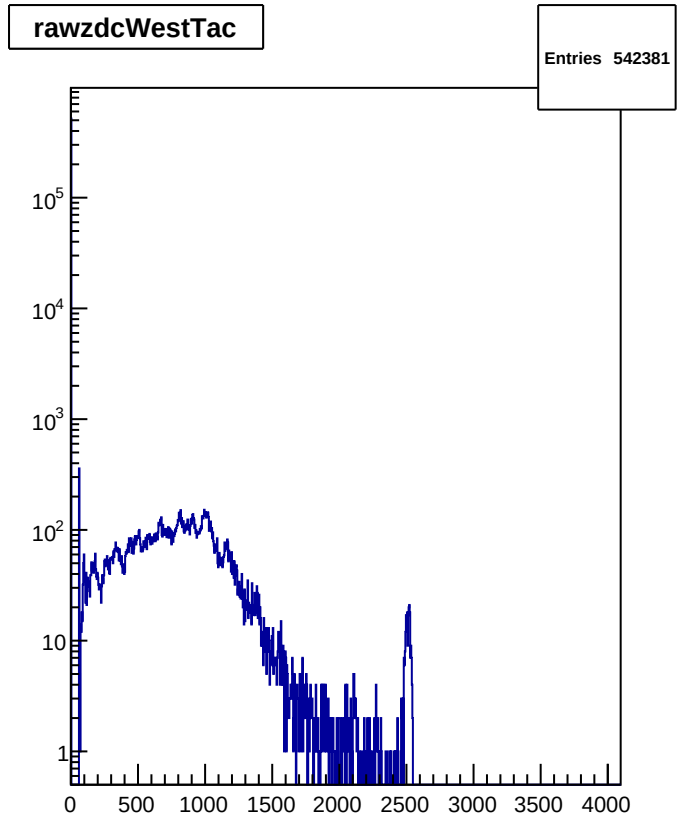

BBQ-BB002 (BBC west small tiles ADC)
Entries 8678096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

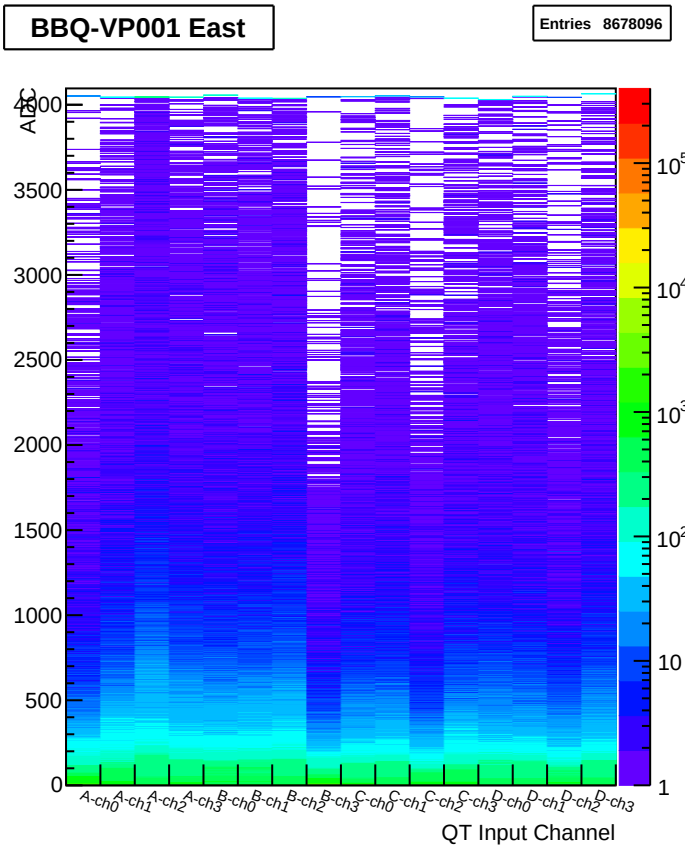

BBQ-BB002 (BBC west small tiles TAC)
Entries 8678096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

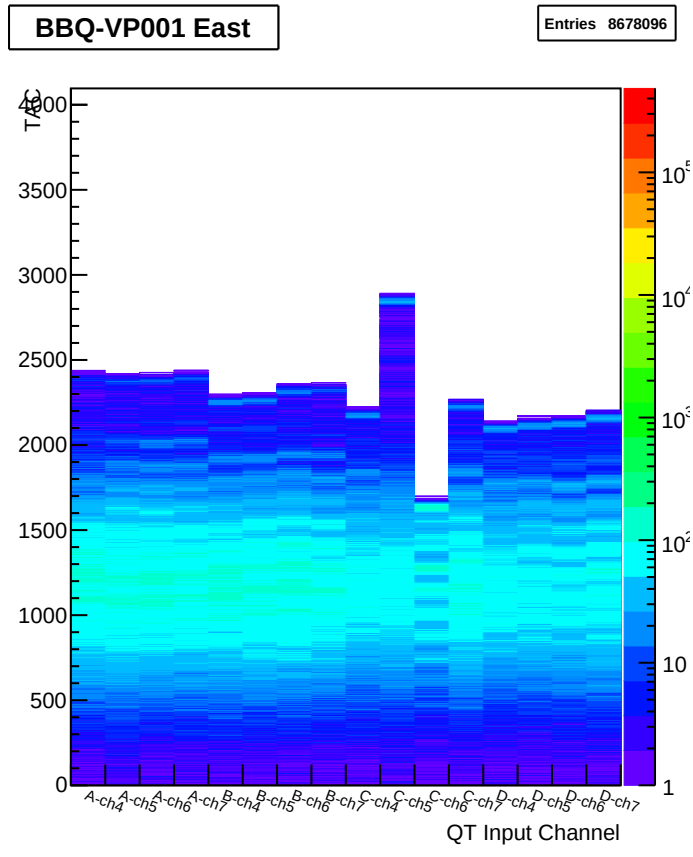

BBQ-ZD001 (ZDC TOWER)
Entries 8678096
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

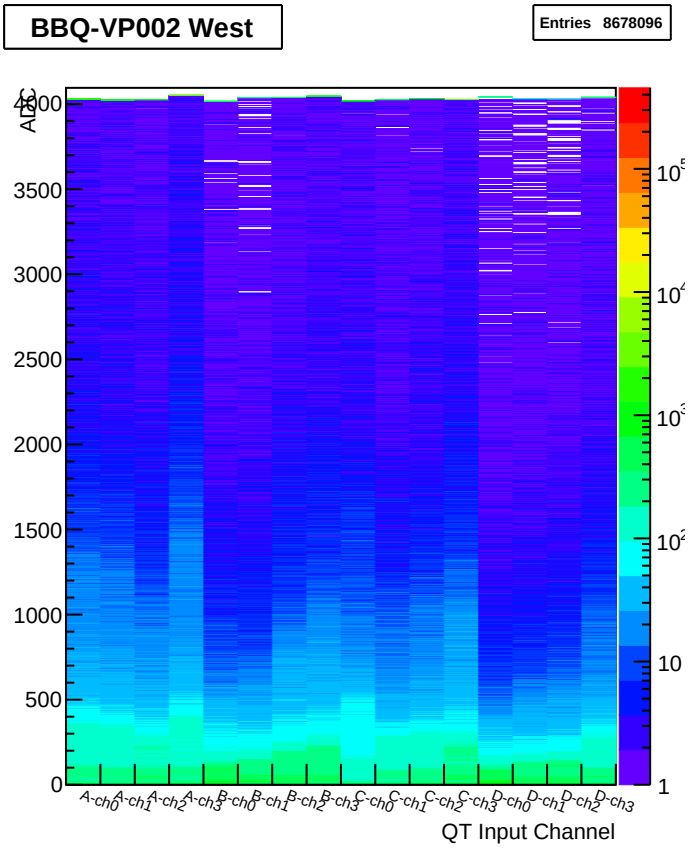

BBQ-ZD001 (ZDC TOWER)
Entries 8678096
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

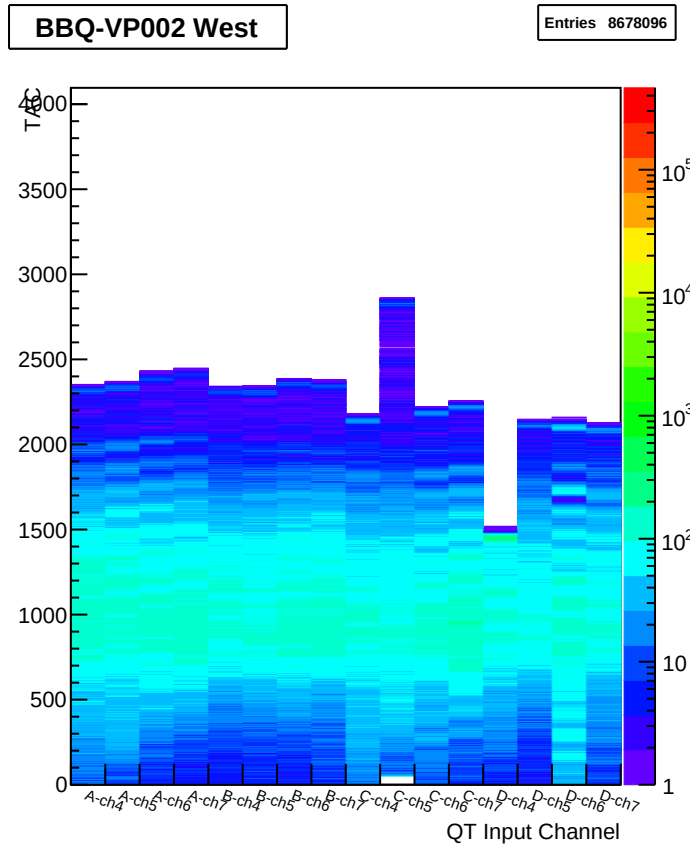

rawzdcEastTac
Entries 542381

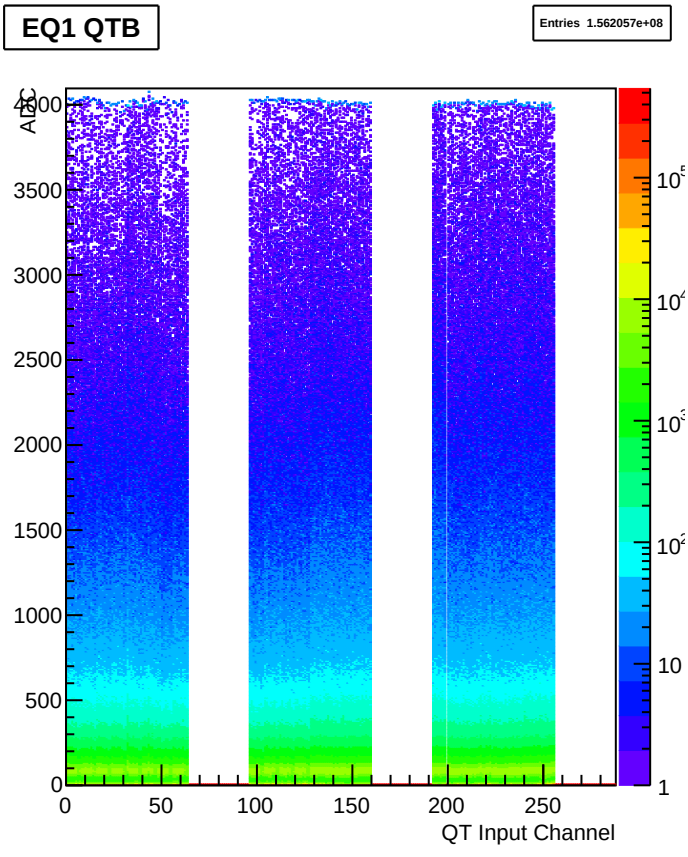

rawzdcWestTac
Entries 542381

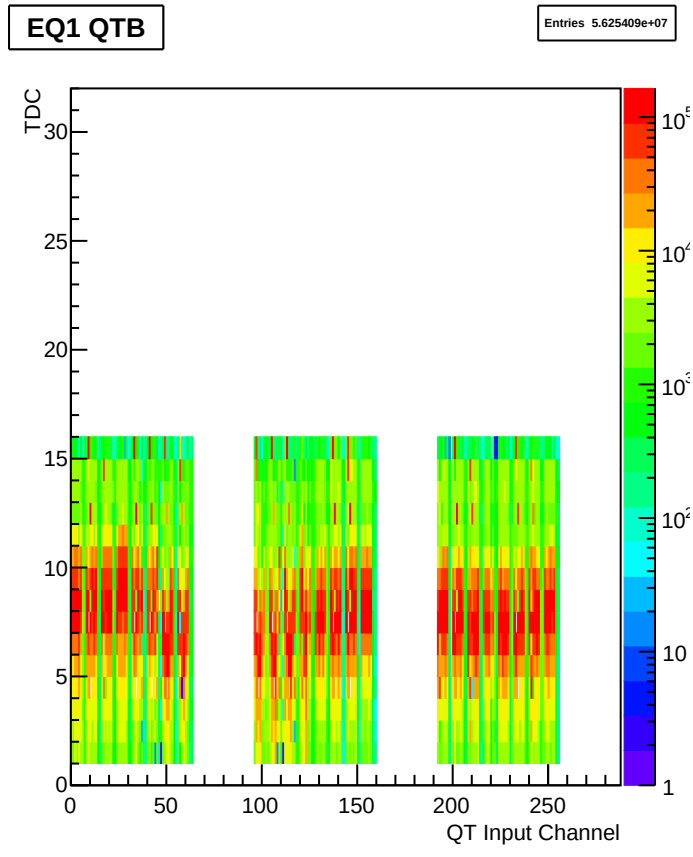

BBQ-VP001 East
Entries 8678096
ADC
QT Input Channel

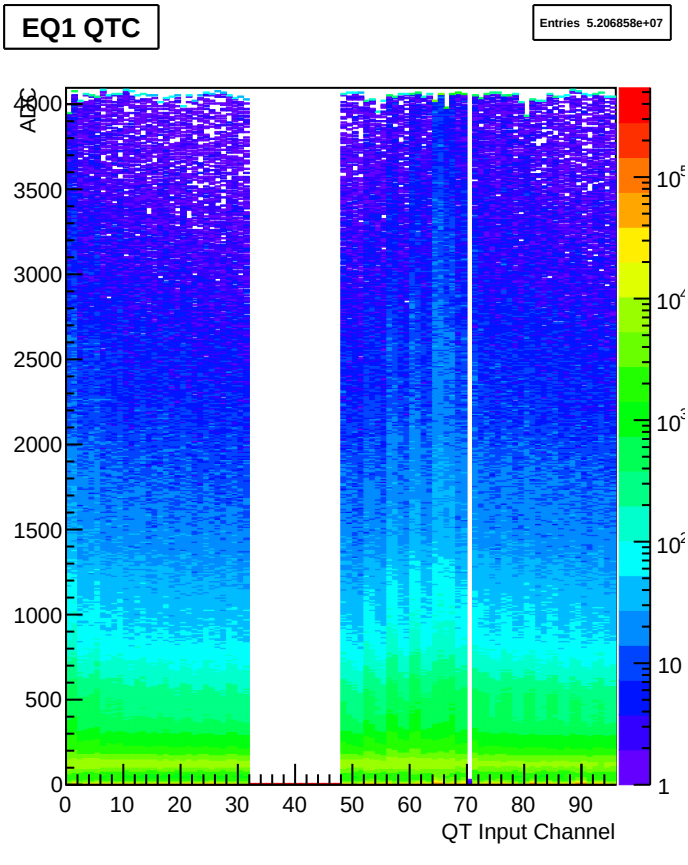

BBQ-VP001 East
Entries 8678096
ADC
QT Input Channel

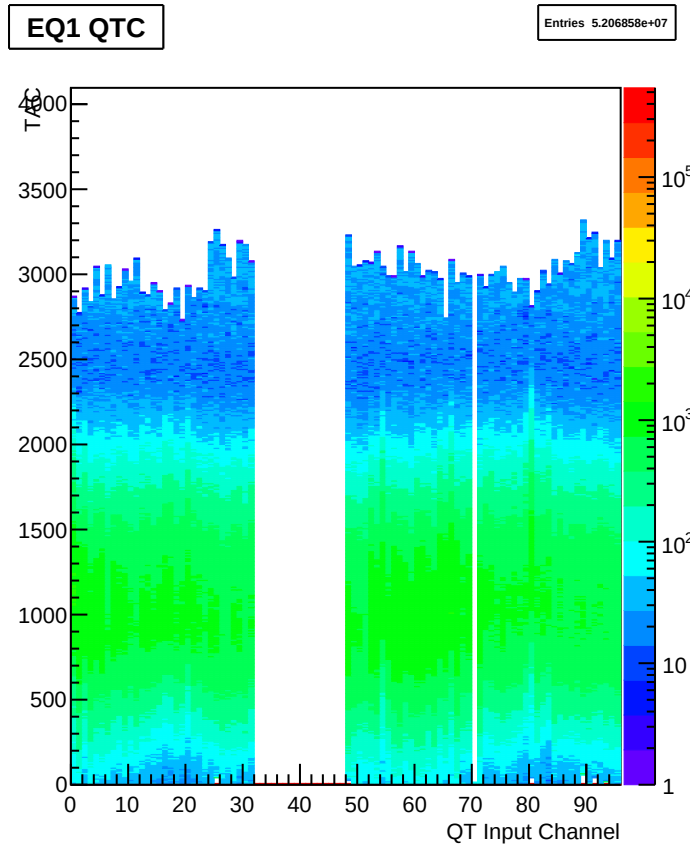

BBQ-VP002 West
Entries 8678096
ADC
QT Input Channel

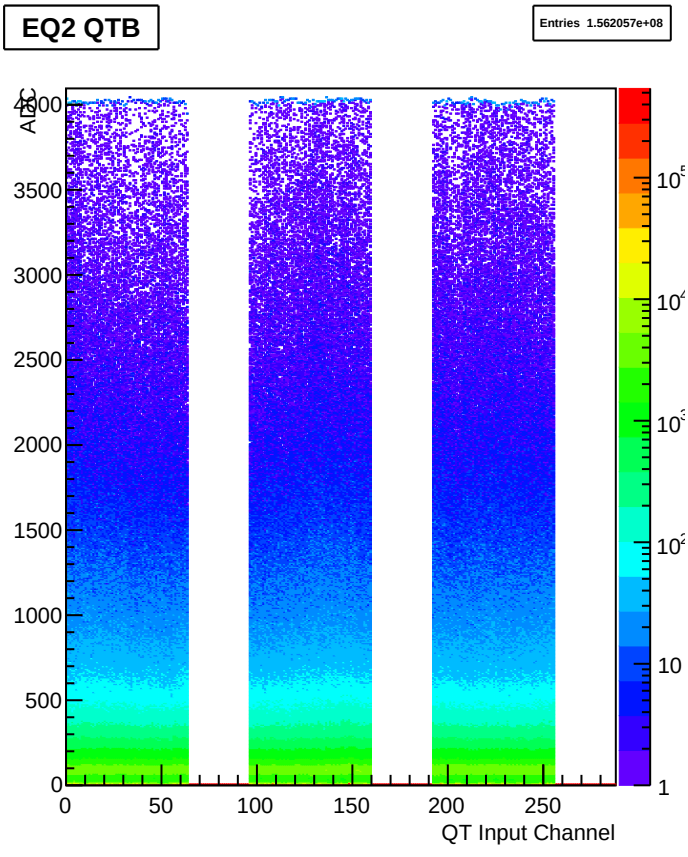

BBQ-VP002 West
Entries 8678096
ADC
QT Input Channel

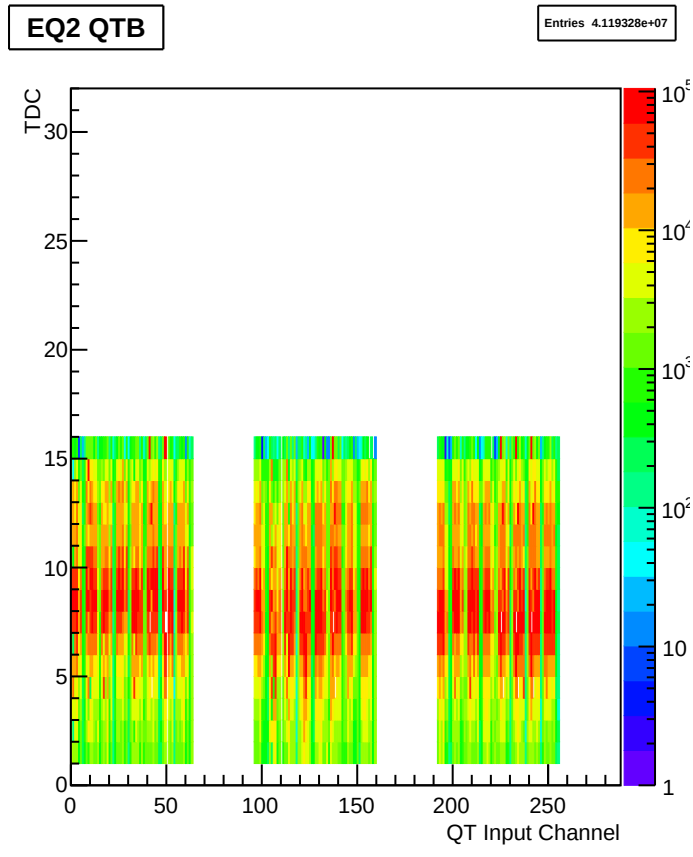

EQ1 QTB
Entries 1.562057e+08
ADC
QT Input Channel

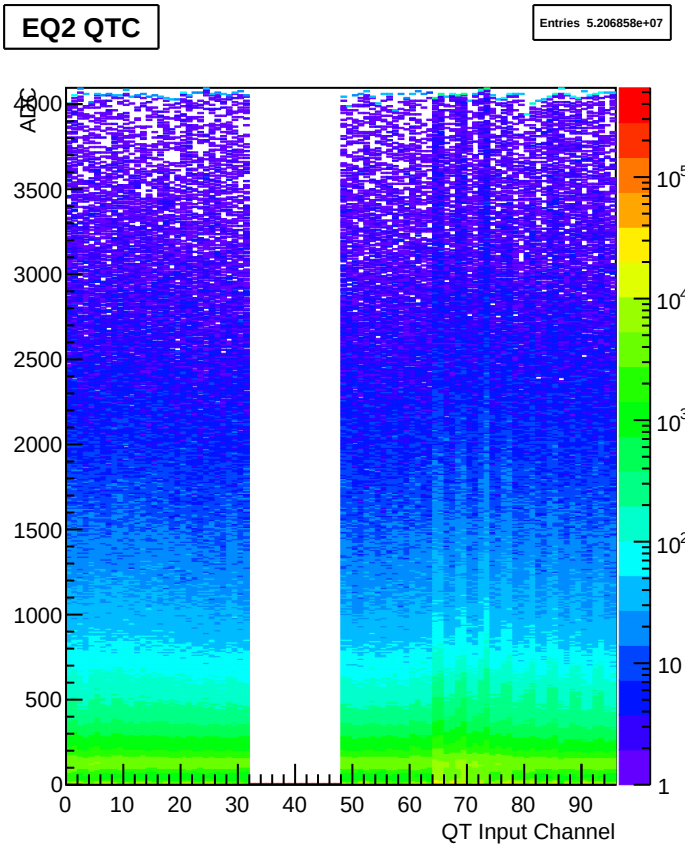

EQ1 QTB
Entries 5.625409e+07
TDC
QT Input Channel

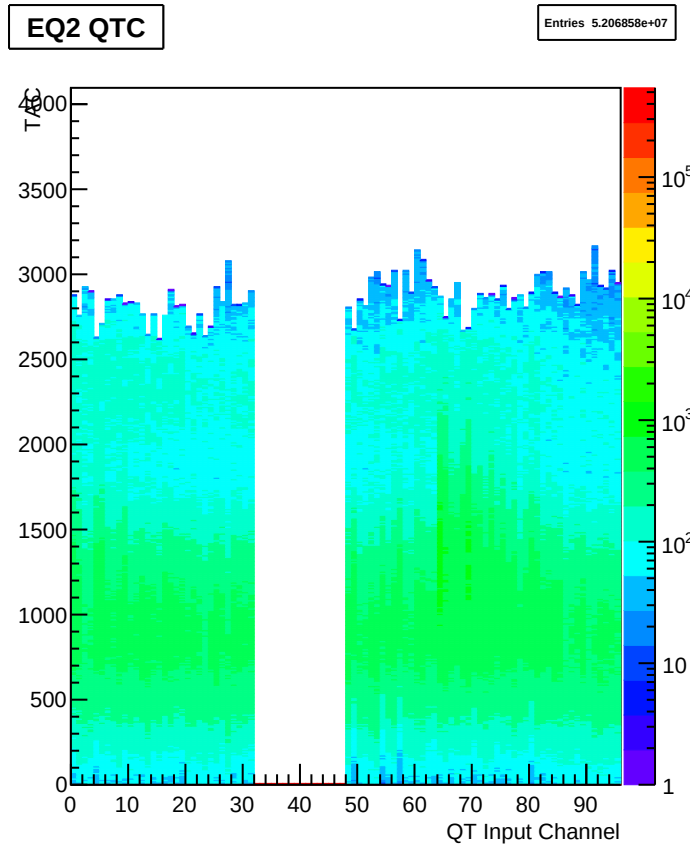

EQ1 QTC
Entries 5.206858e+07
ADC
QT Input Channel

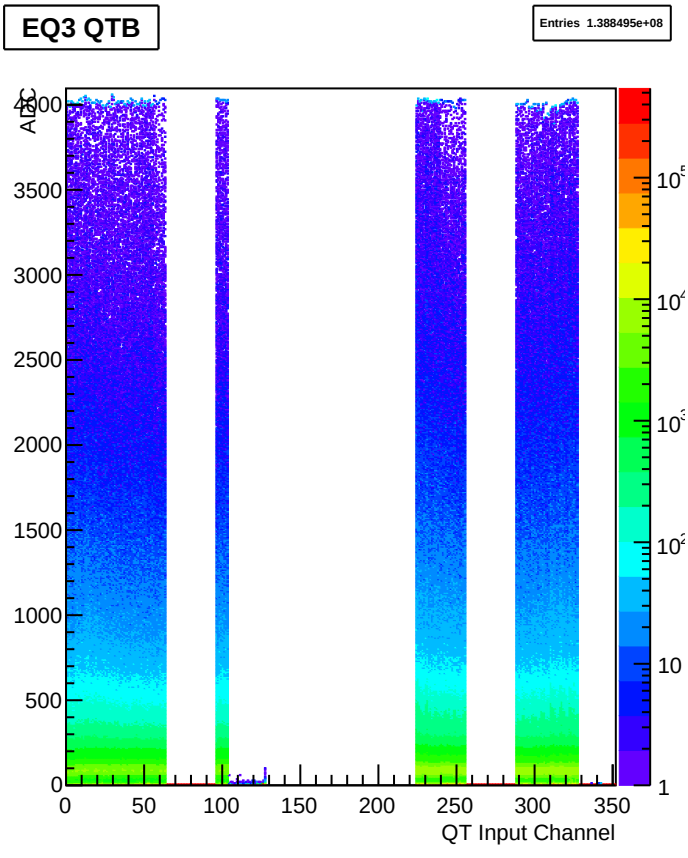

EQ1 QTC
Entries 5.206858e+07
TADC
QT Input Channel

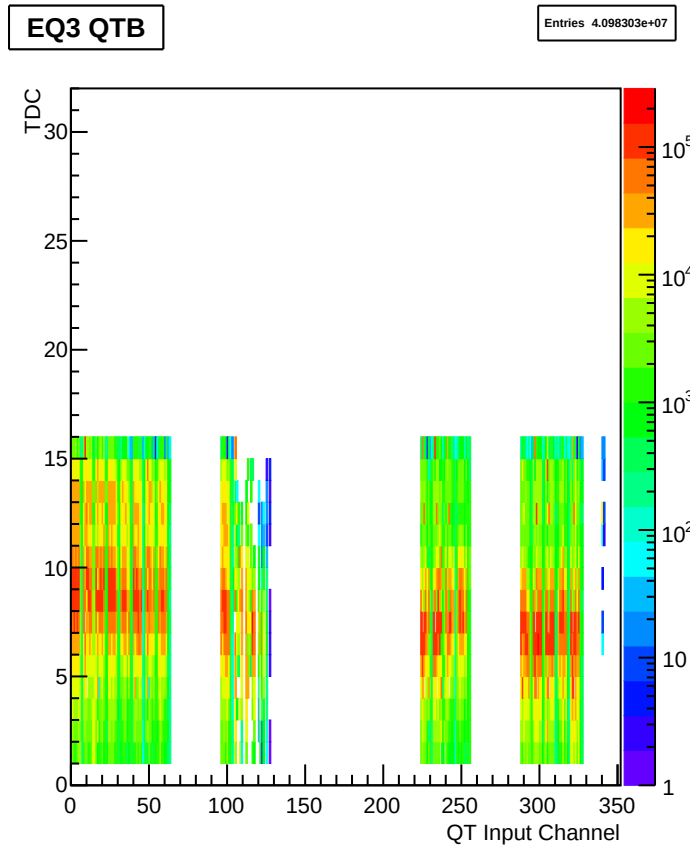

EQ2 QTB
Entries 1.562057e+08
ADC
QT Input Channel

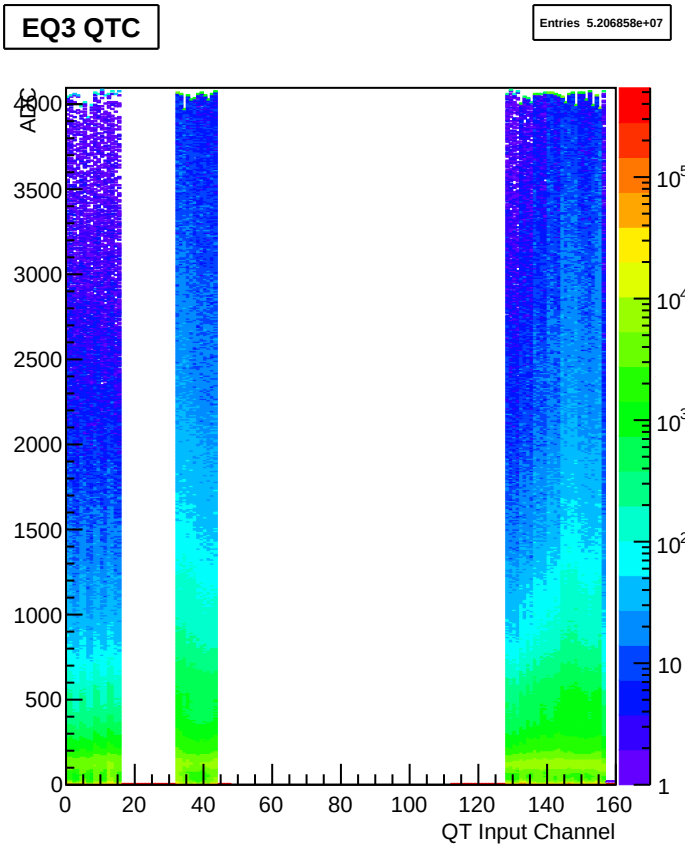

EQ2 QTB
Entries 4.119328e+07
TDC
QT Input Channel

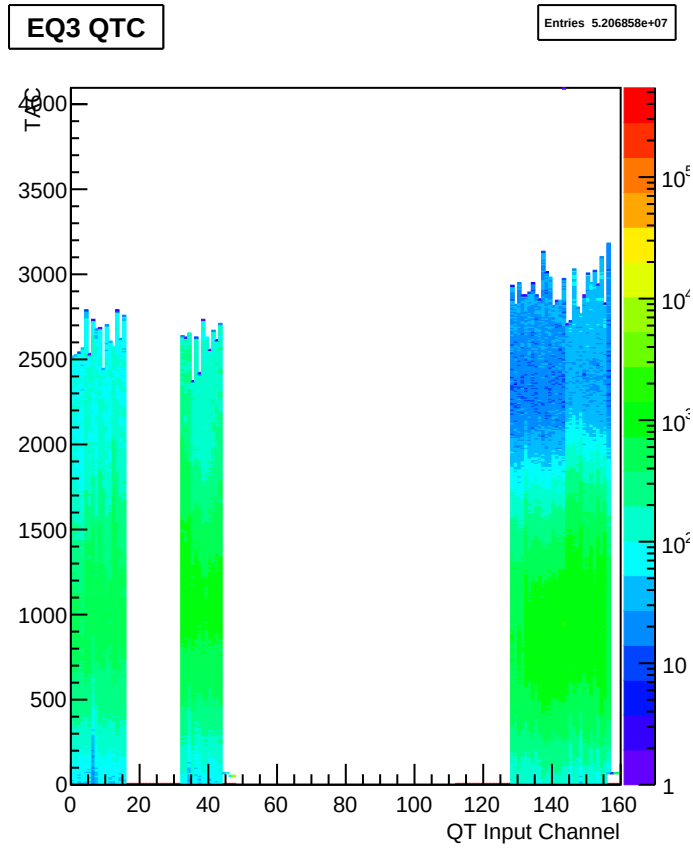

EQ2 QTC
Entries 5.206858e+07
ADC
QT Input Channel

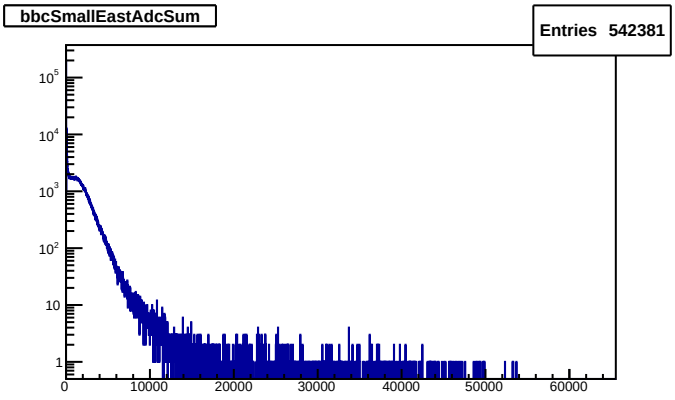

EQ2 QTC
Entries 5.206858e+07
TADC
QT Input Channel

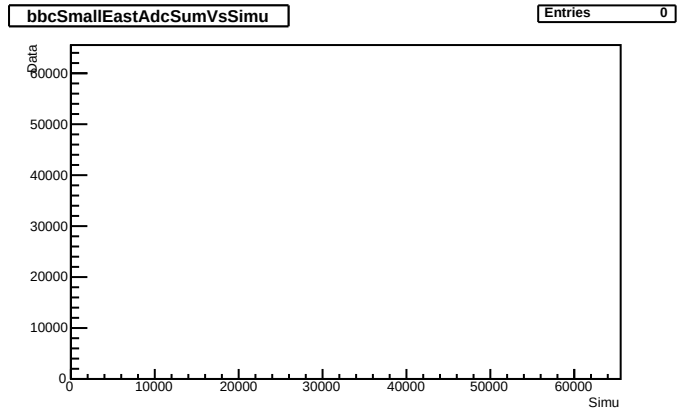

EQ3 QTB
Entries 1.388495e+08
ADC
QT Input Channel

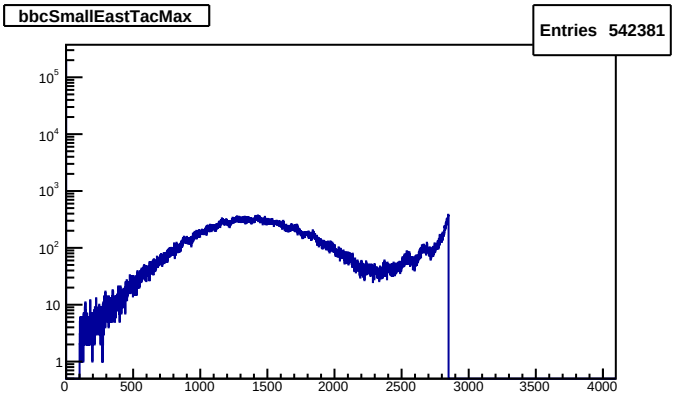

EQ3 QTB
Entries 4.098303e+07
TDC
QT Input Channel

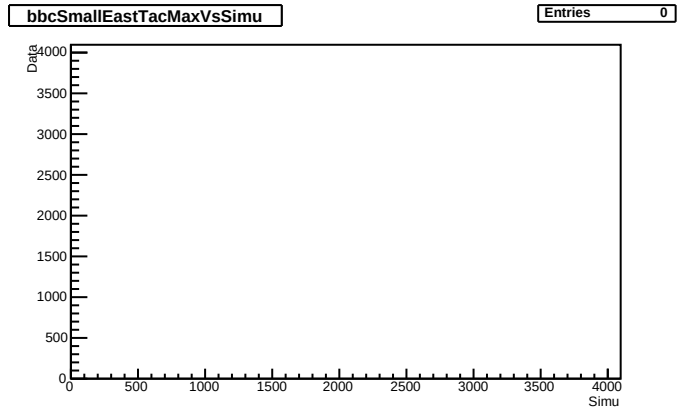

EQ3 QTC
Entries 5.206858e+07
ADC
QT Input Channel

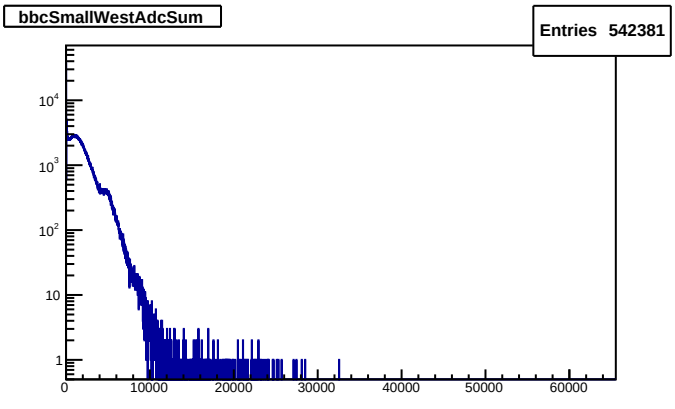

EQ3 QTC
Entries 5.206858e+07
TADC
QT Input Channel

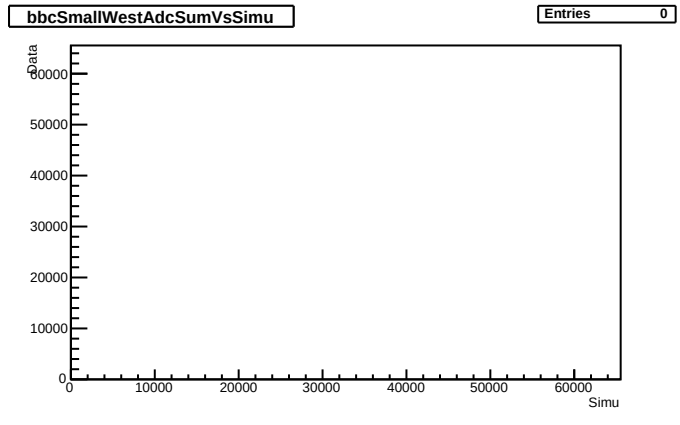

bbcSmallEastAdcSum
Entries 542381

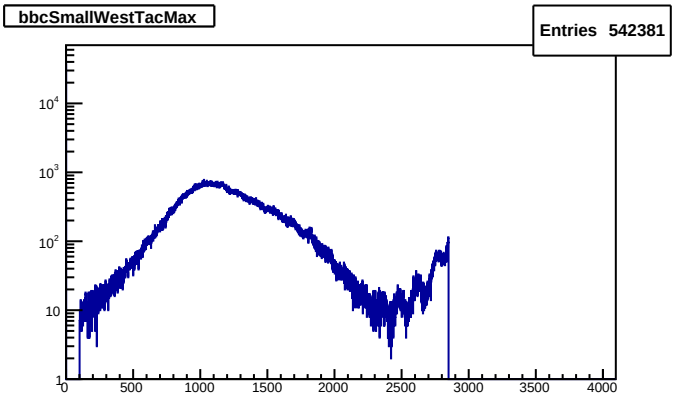

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

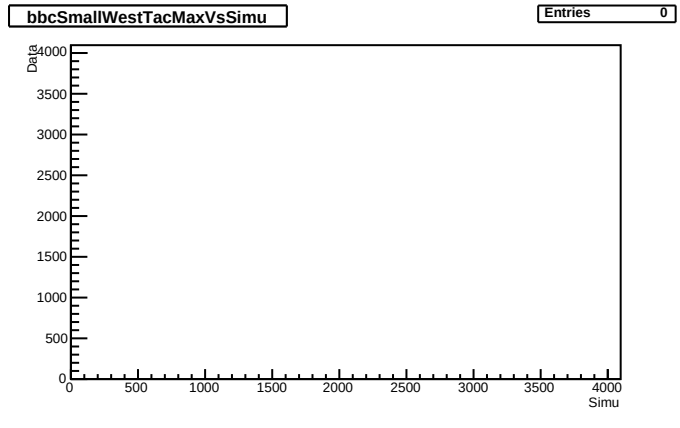

bbcSmallEastTacMax
Entries 542381

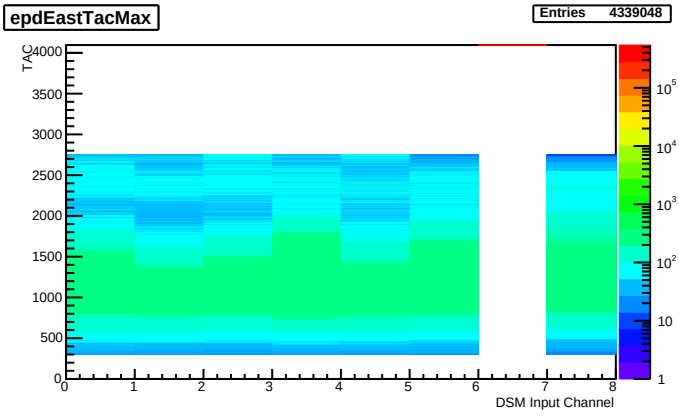

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

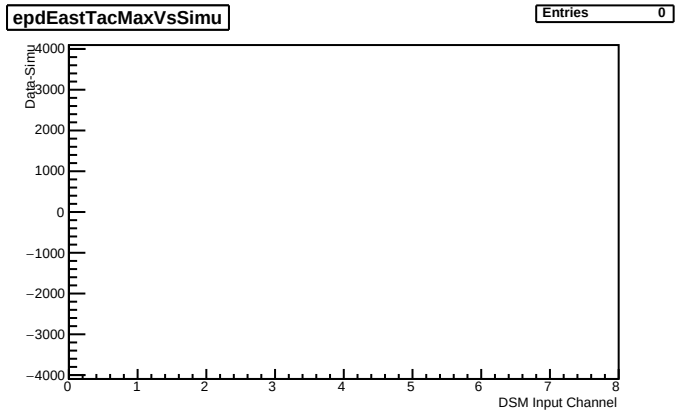

bbcSmallWestAdcSum
Entries 542381

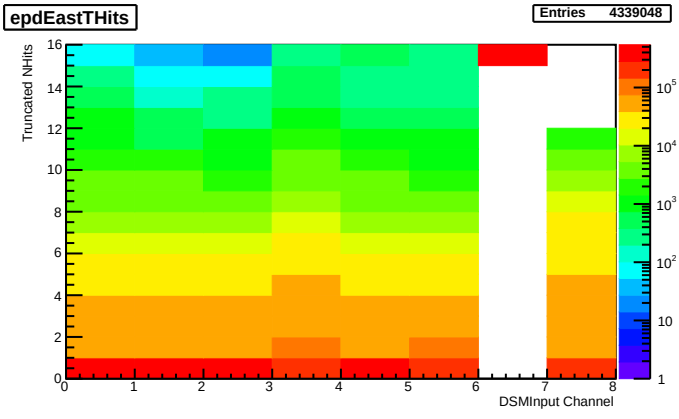

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

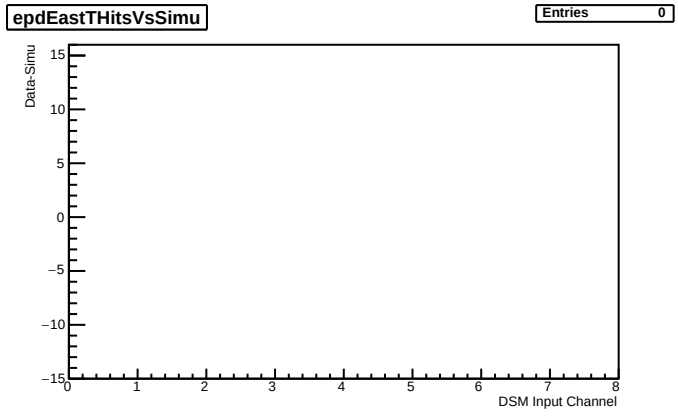

bbcSmallWestTacMax
Entries 542381

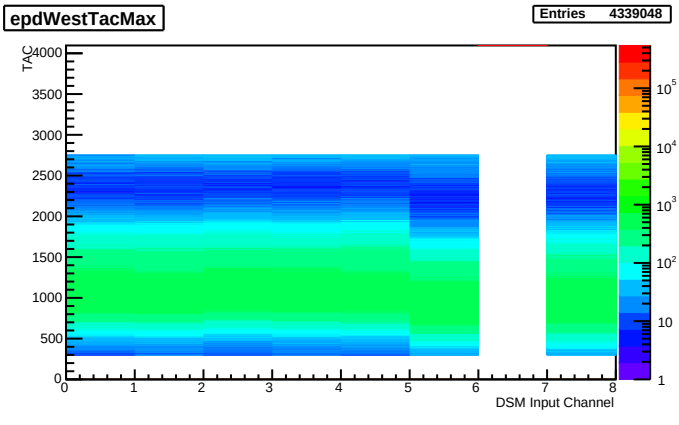

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

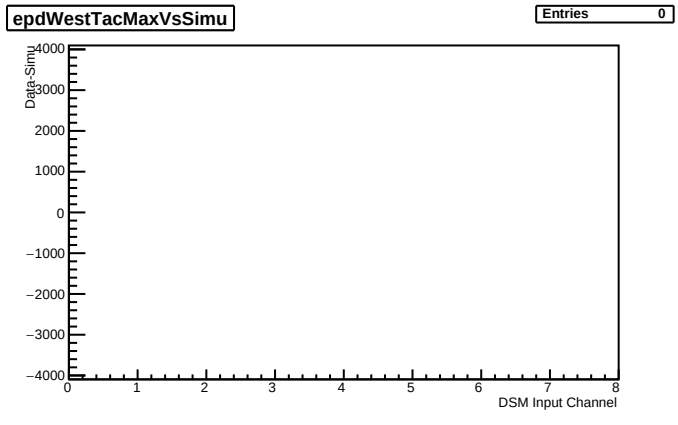

epdEastTacMax
Entries 4339048
TAC
DSM Input Channel

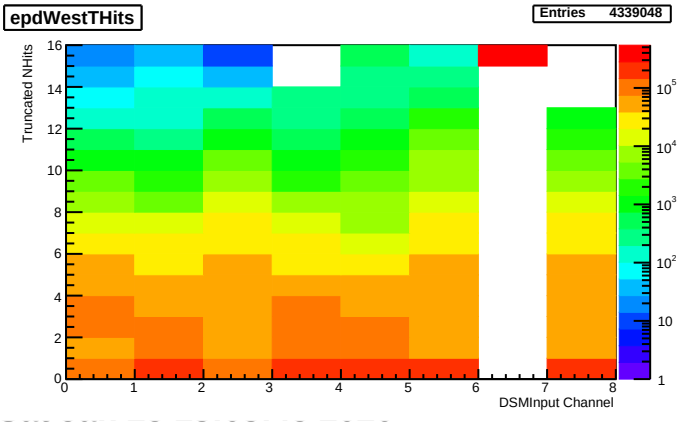

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

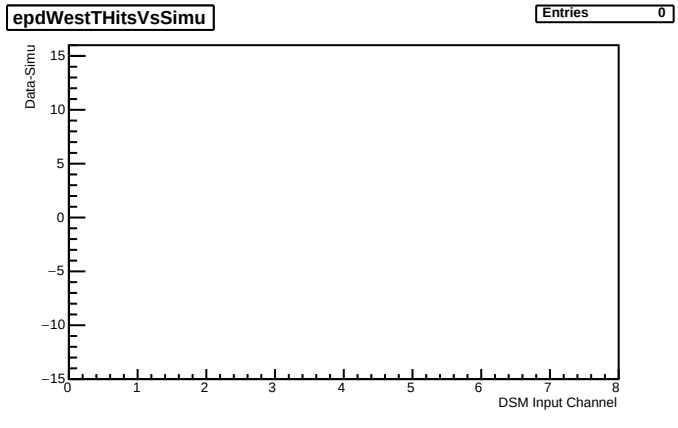

epdEastTHits
Entries 4339048
Truncated NHits
DSMInput Channel

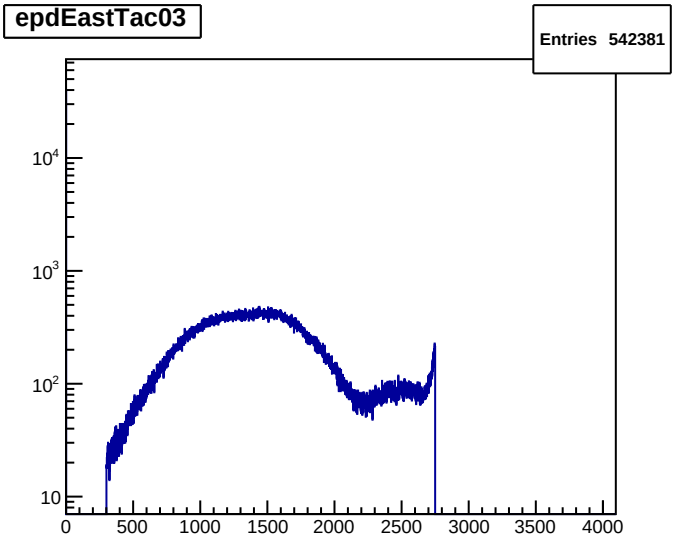

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

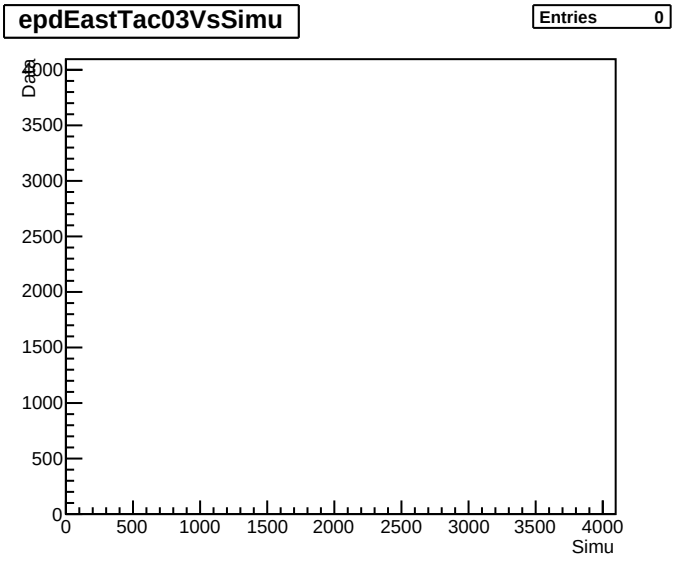

epdWestTacMax
Entries 4339048
TAC
DSM Input Channel

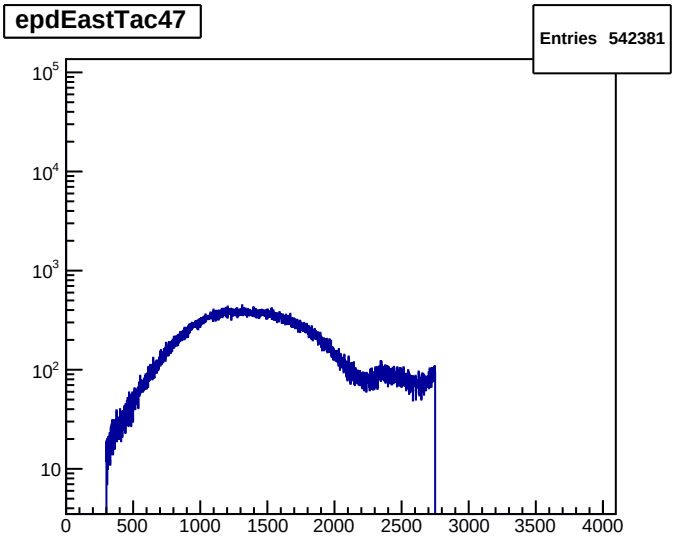

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

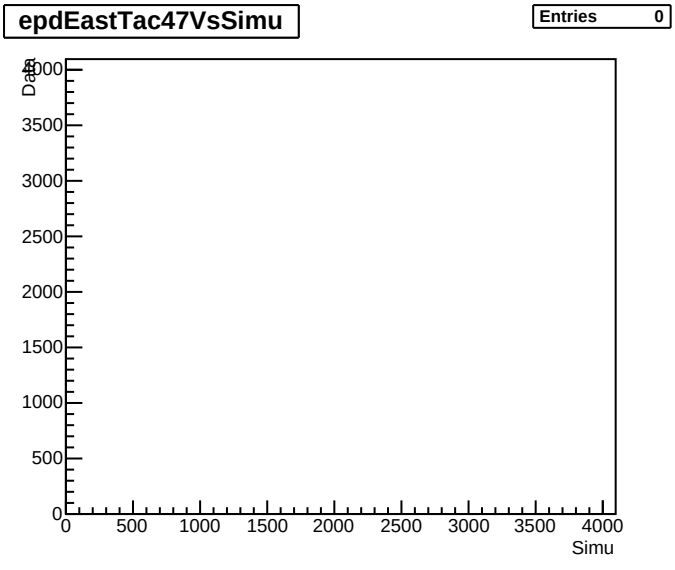

epdWestTHits
Entries 4339048
Truncated NHits
DSMInput Channel

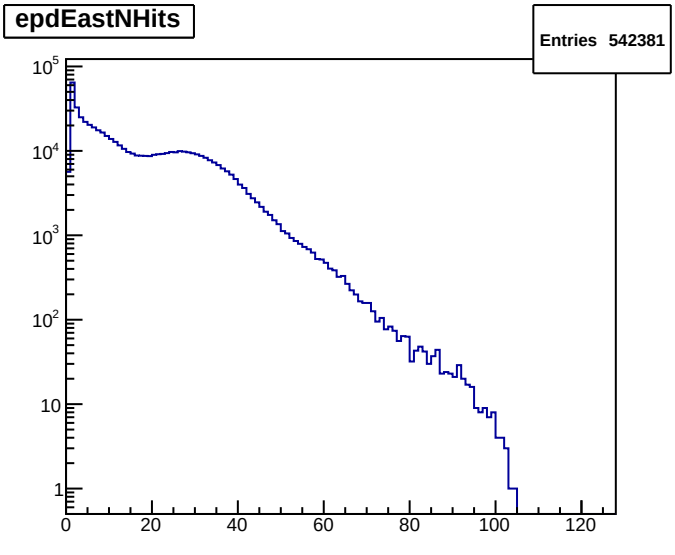

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

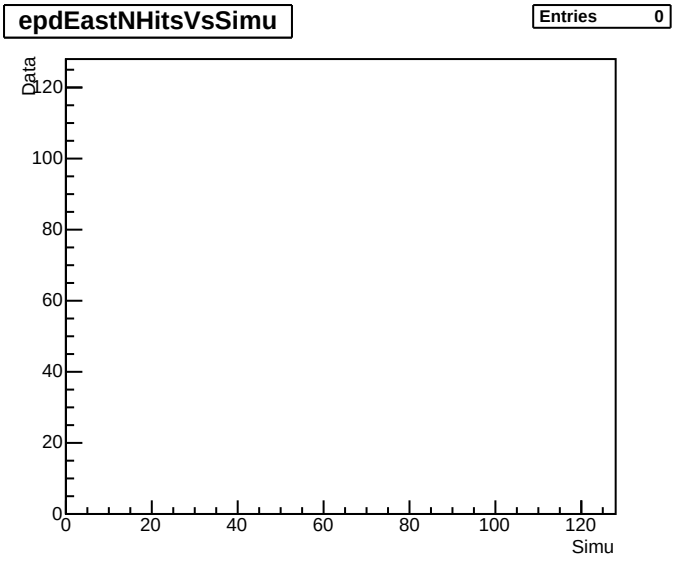

epdEastTac03
Entries 542381

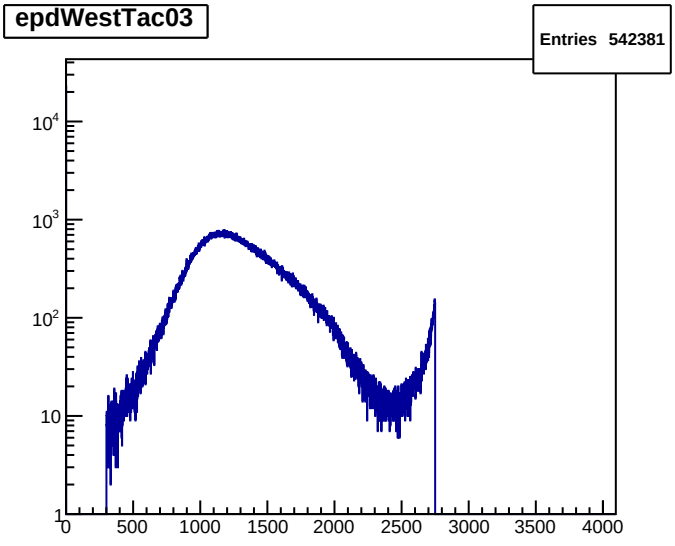

epdEastTac03VsSimu
Entries 0
Data
Simu

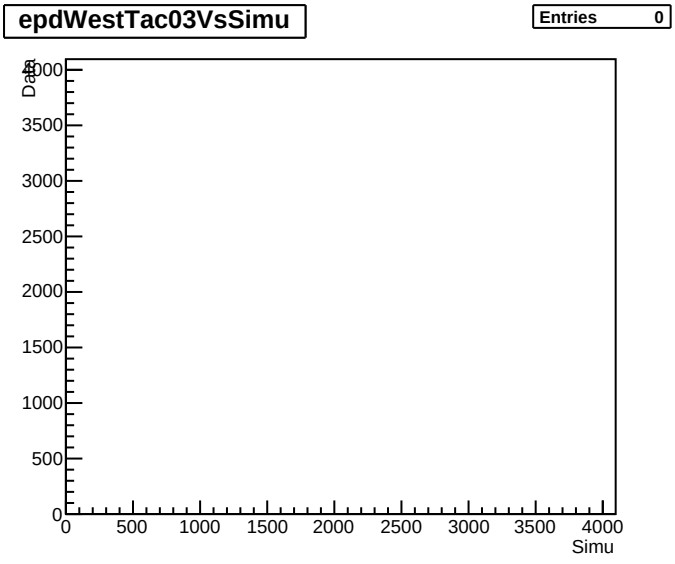

epdEastTac47
Entries 542381

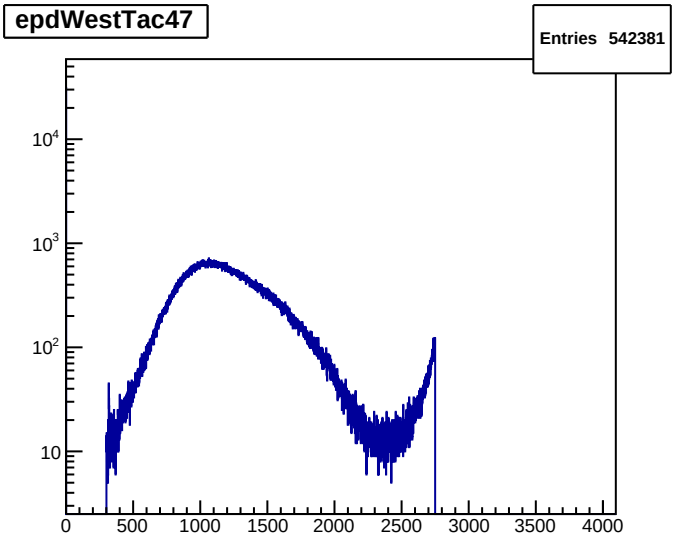

epdEastTac47VsSimu
Entries 0
Data
Simu

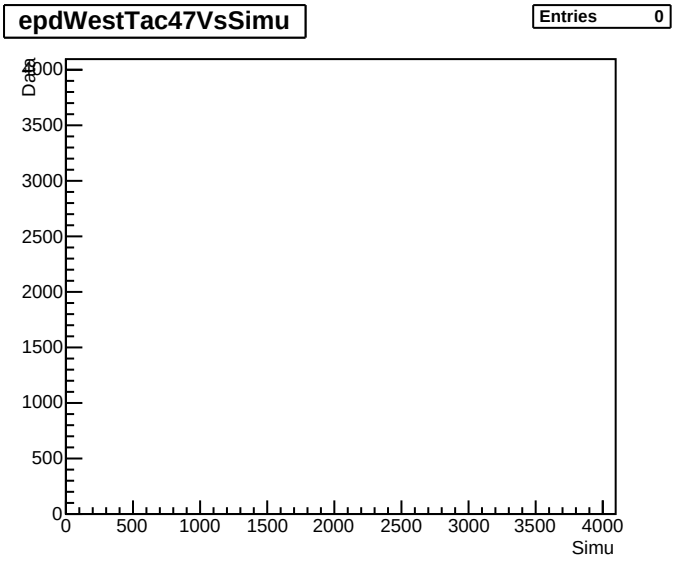

epdEastNHits
Entries 542381

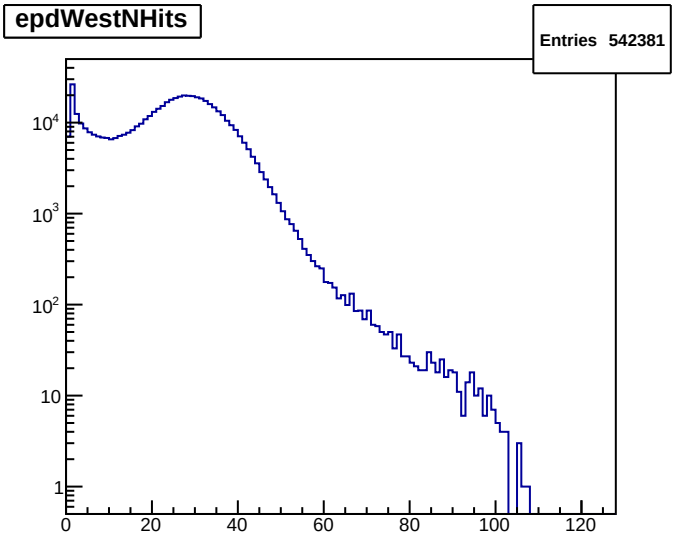

epdEastNHitsVsSimu
Entries 0
Data
Simu

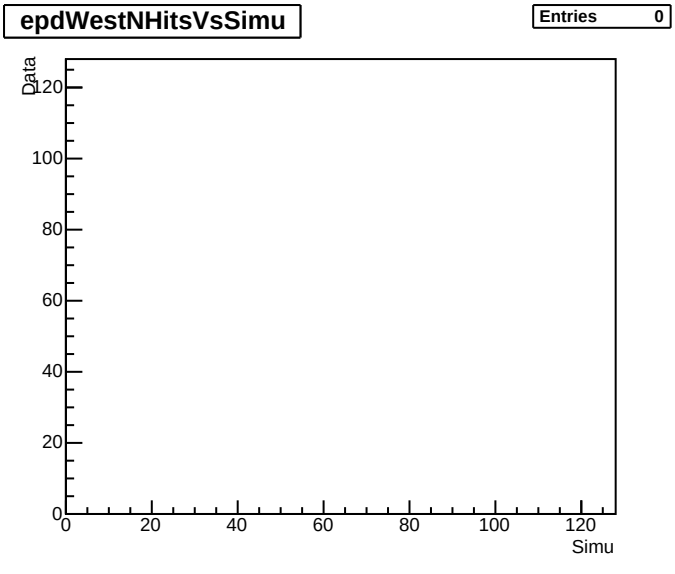

epdWestTac03
Entries 542381

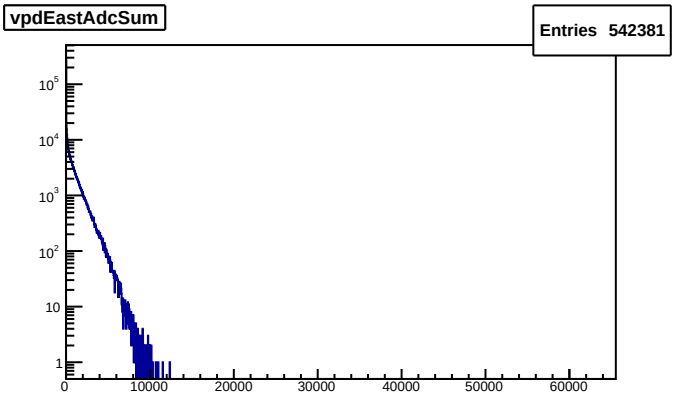

epdWestTac03VsSimu
Entries 0
Data
Simu

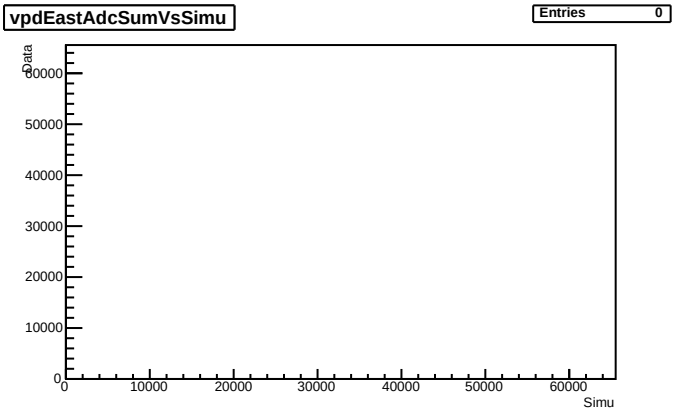

epdWestTac47
Entries 542381

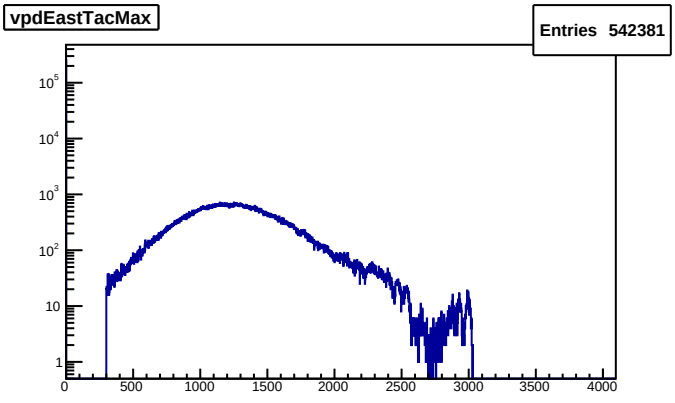

epdWestTac47VsSimu
Entries 0
Data
Simu

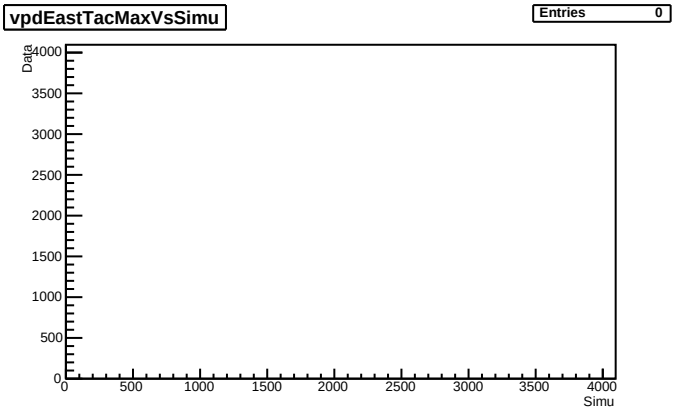

epdWestNHits
Entries 542381

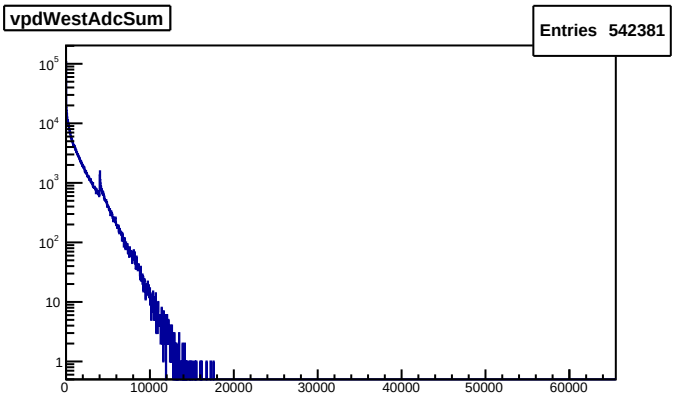

epdWestNHitsVsSimu
Entries 0
Data
Simu

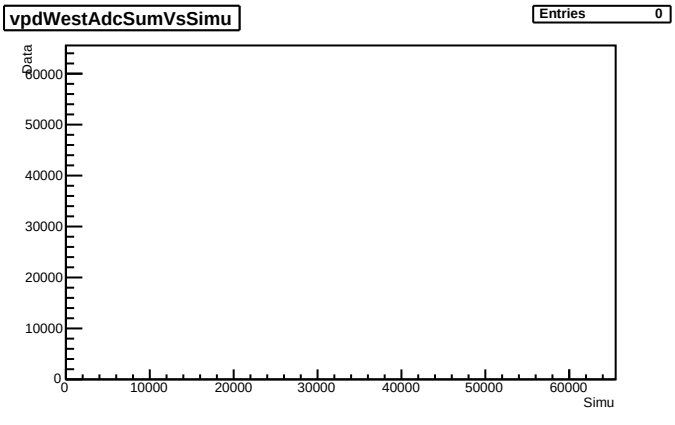

vpdEastAdcSum
Entries 542381

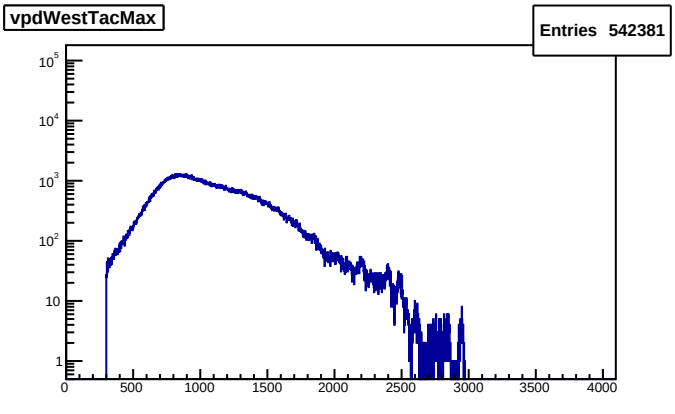

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

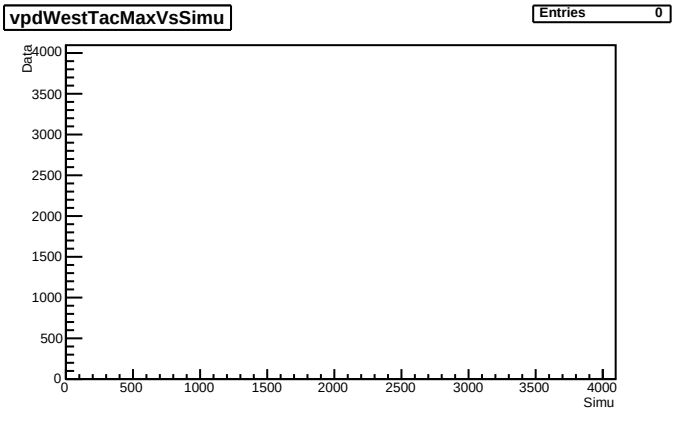

vpdEastTacMax
Entries 542381

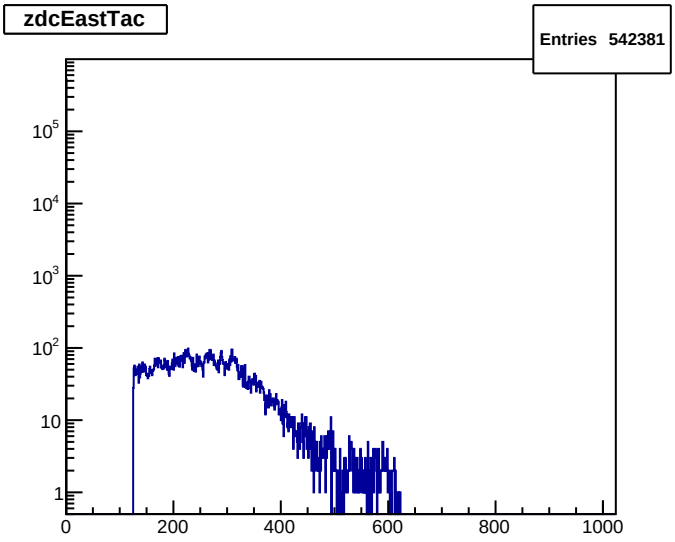

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

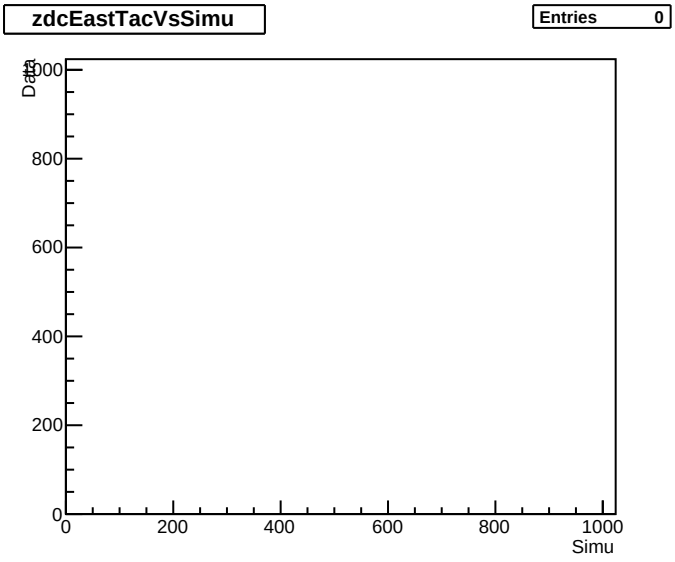

vpdWestAdcSum
Entries 542381

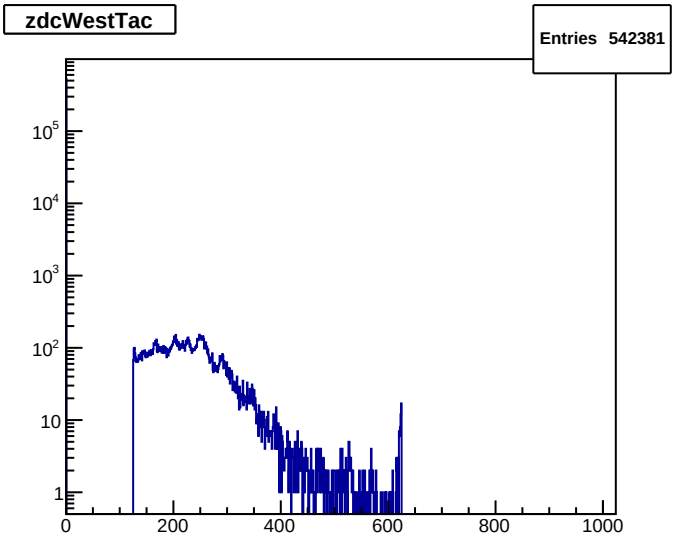

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

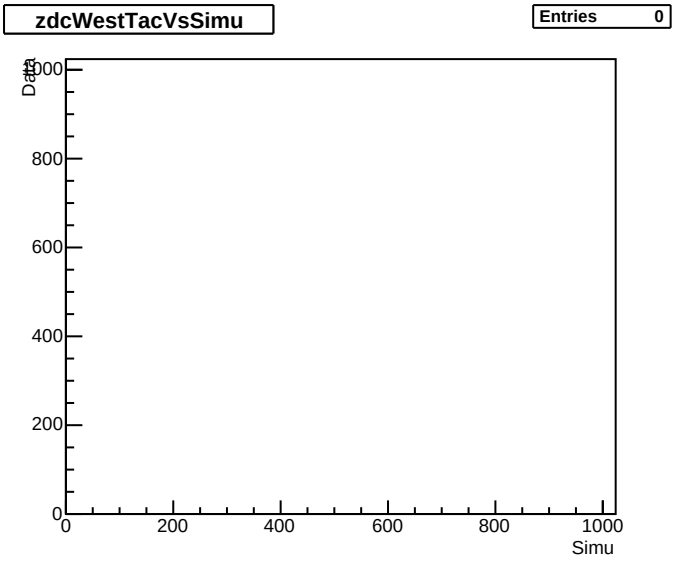

vpdWestTacMax
Entries 542381

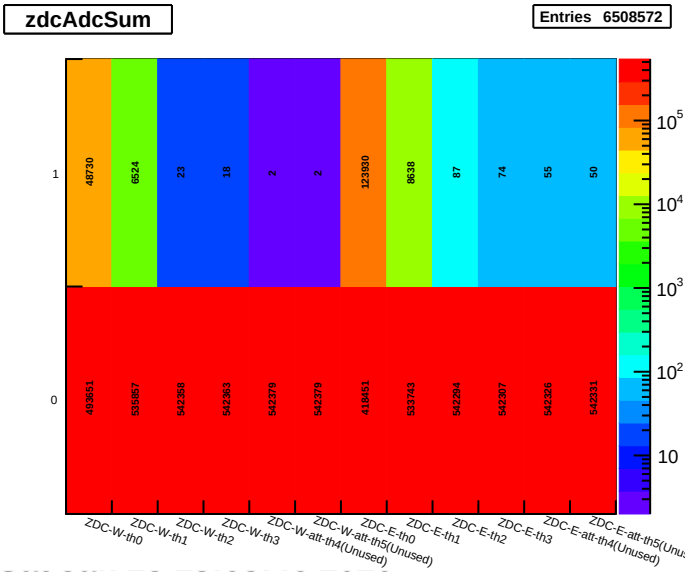

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

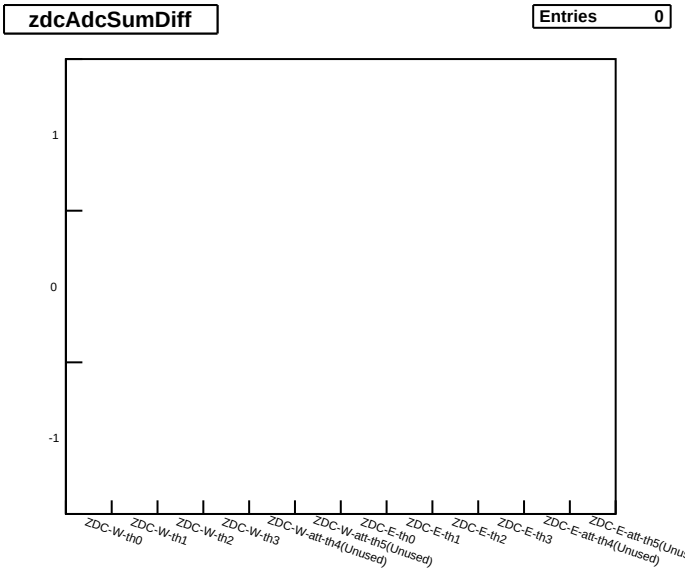

zdcEastTac
Entries 542381

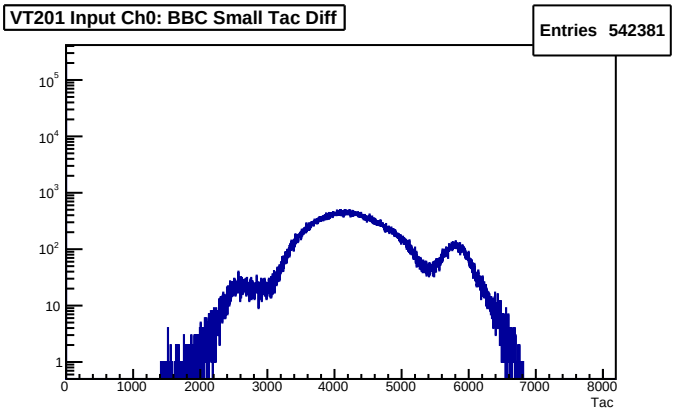

zdcEastTacVsSimu
Entries 0
Data
Simu

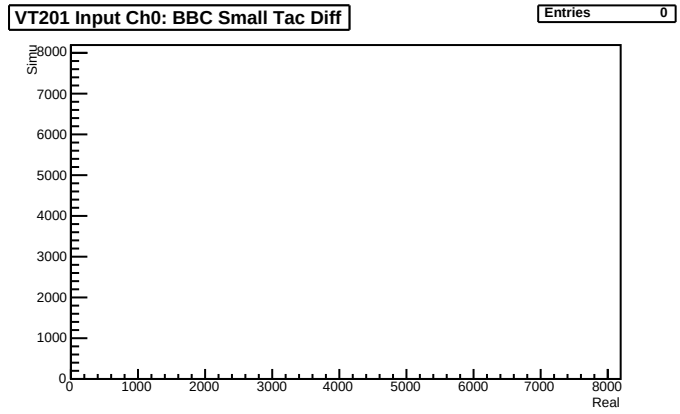

zdcWestTac
Entries 542381

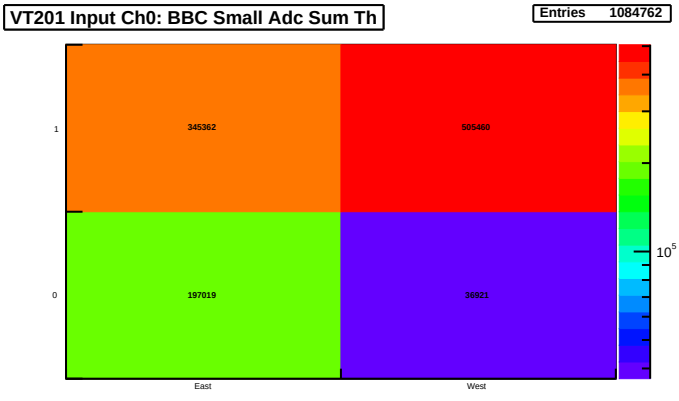

zdcWestTacVsSimu
Entries 0
Data
Simu

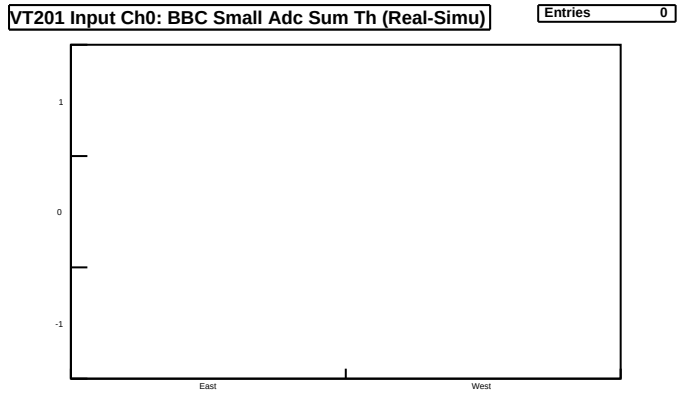

zdcAdcSum
Entries 6508572
48730
6524
23
18
2
2
123930
8638
87
74
55
50
493651
535857
542358
542363
542379
542379
418451
533743
542294
542307
542326
542331
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

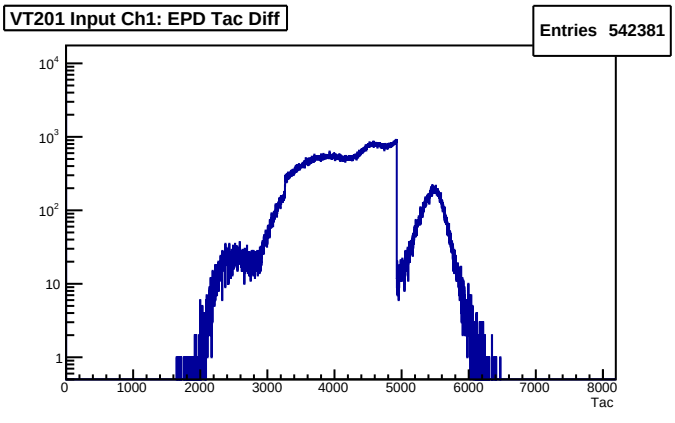

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

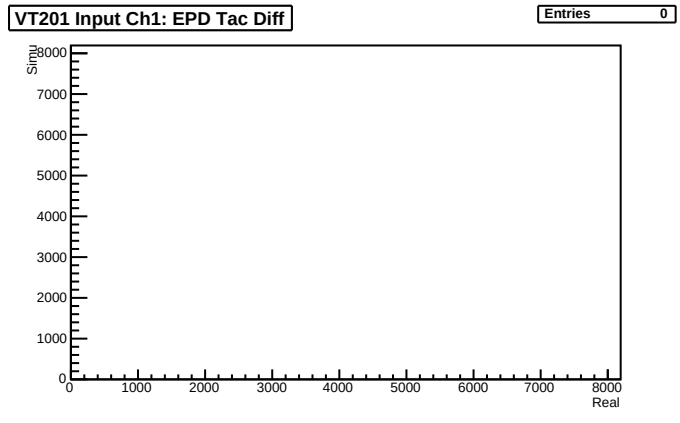

VT201 Input Ch0: BBC Small Tac Diff
Entries 542381
Tac

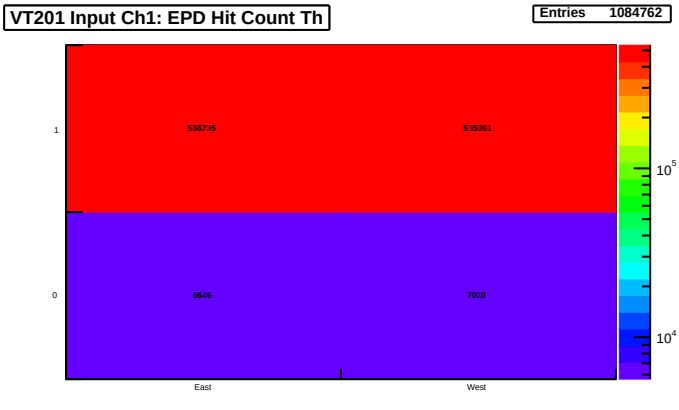

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

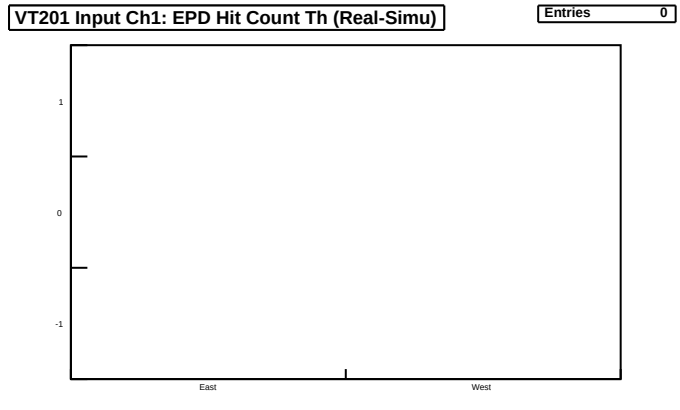

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1084762
345362
505460
197019
36921
East
West

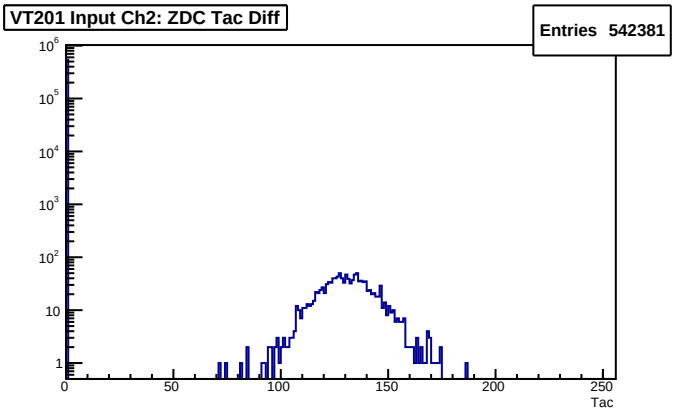

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

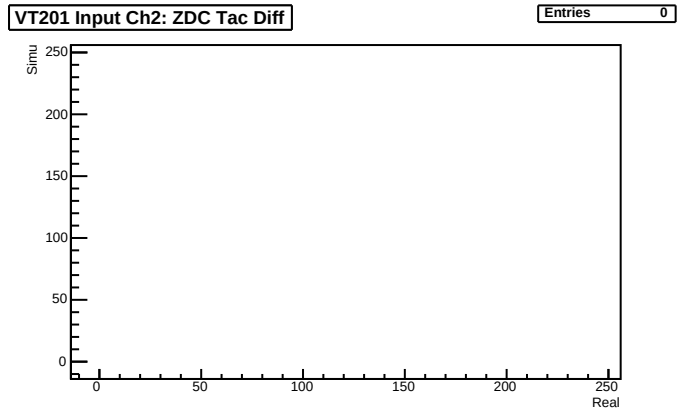

VT201 Input Ch1: EPD Tac Diff
Entries 542381
Tac

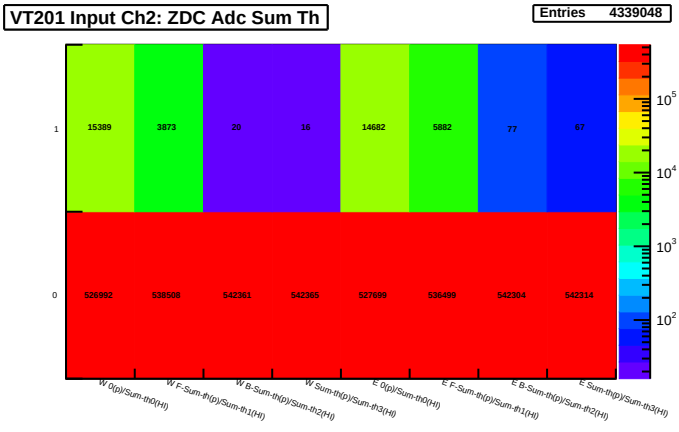

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

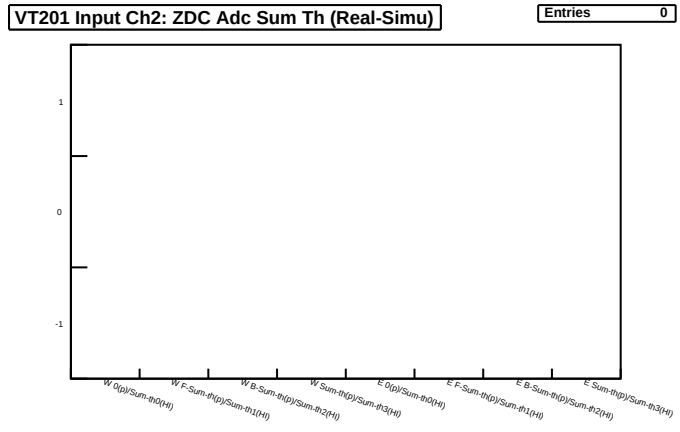

VT201 Input Ch1: EPD Hit Count Th
Entries 1084762
536735
535361
5646
7020
East
West

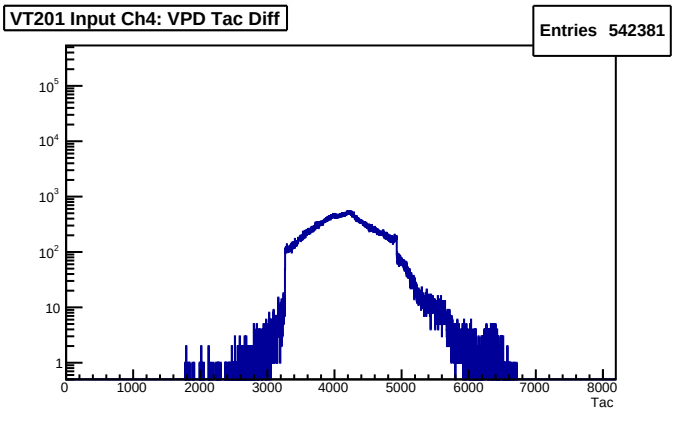

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

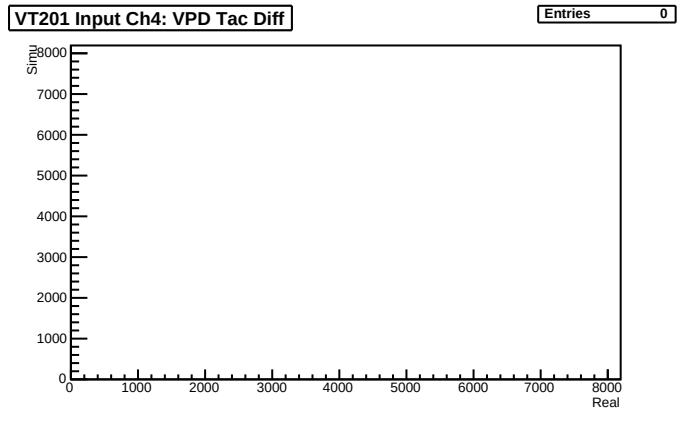

VT201 Input Ch2: ZDC Tac Diff
Entries 542381
Tac

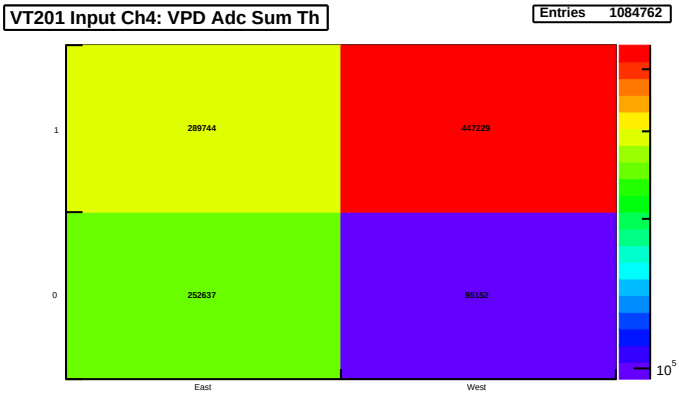

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

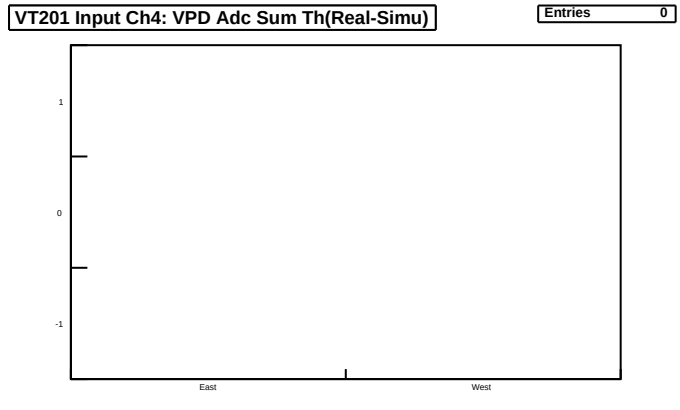

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4339048
15389
3873
20
16
14682
5882
77
67
526992
538508
542361
542365
527699
536499
542304
542314
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

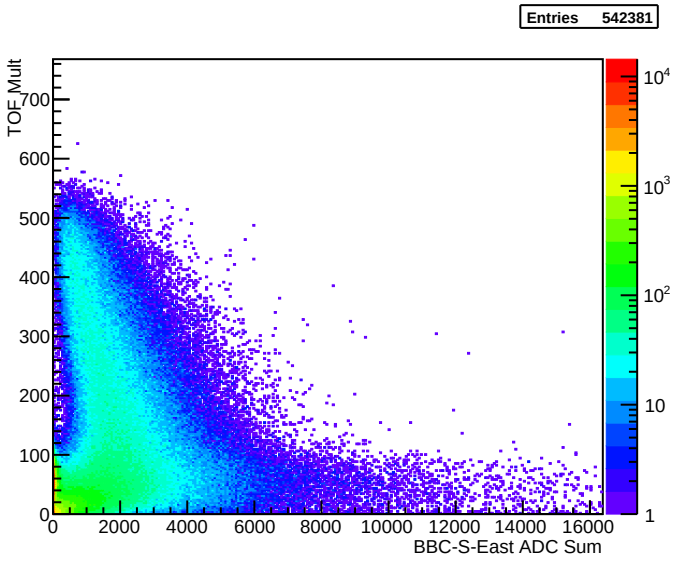

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

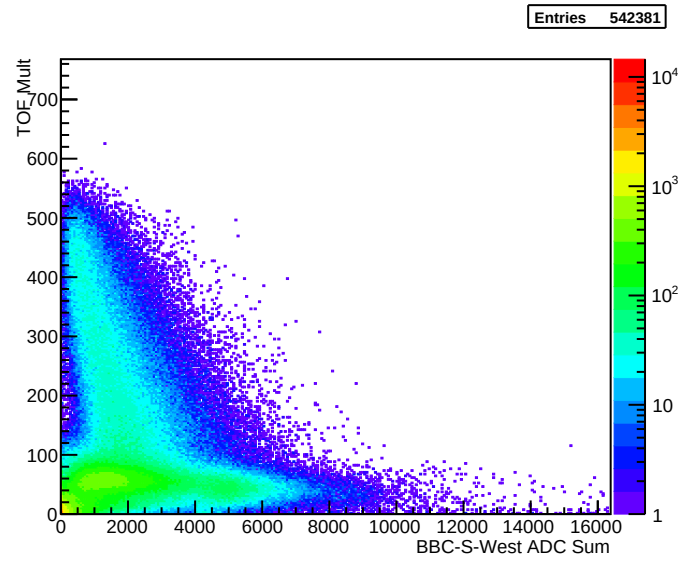

VT201 Input Ch4: VPD Tac Diff
Entries 542381
Tac

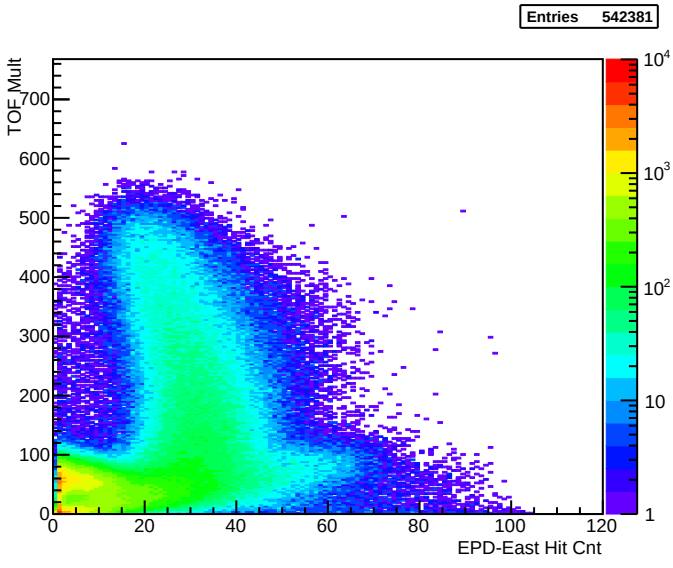

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

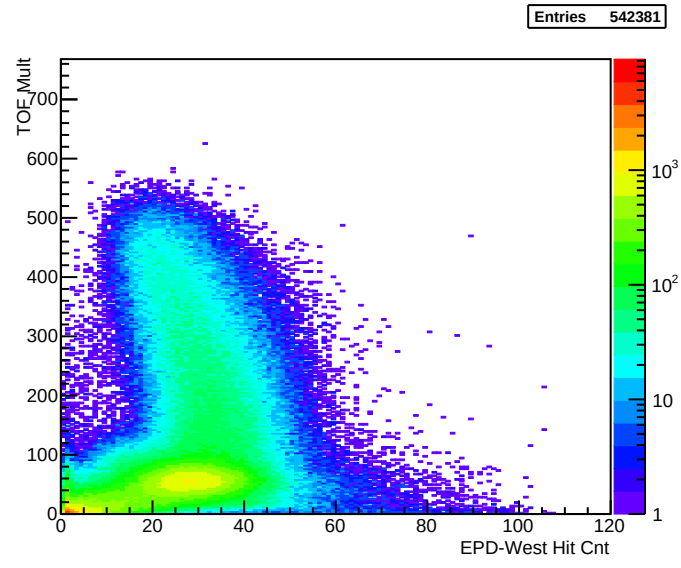

VT201 Input Ch4: VPD Adc Sum Th
Entries 1084762
289744
447229
252637
95152
East
West

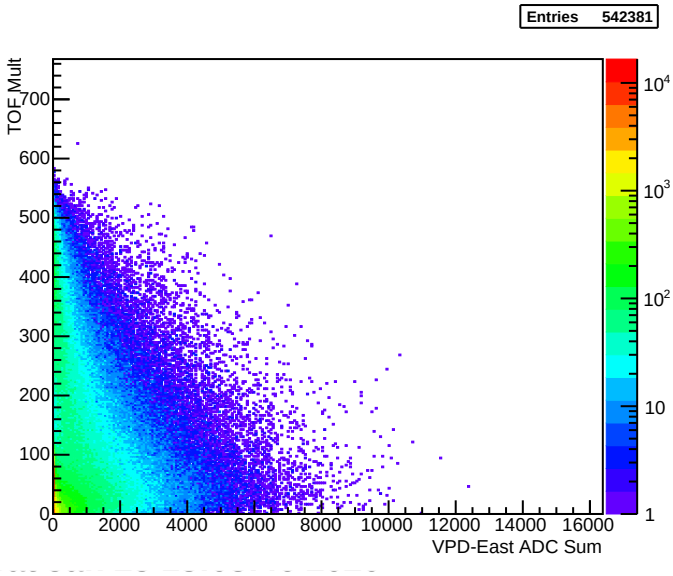

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

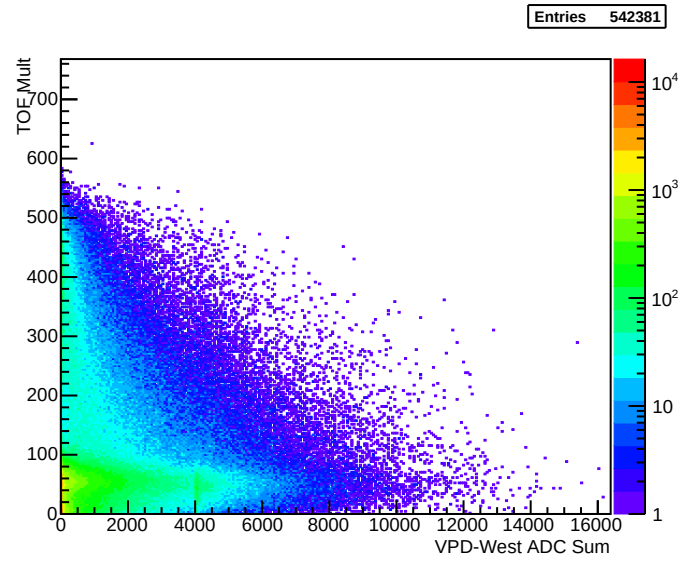

Entries 542381
TOF_Mult
BBC-S-East ADC Sum

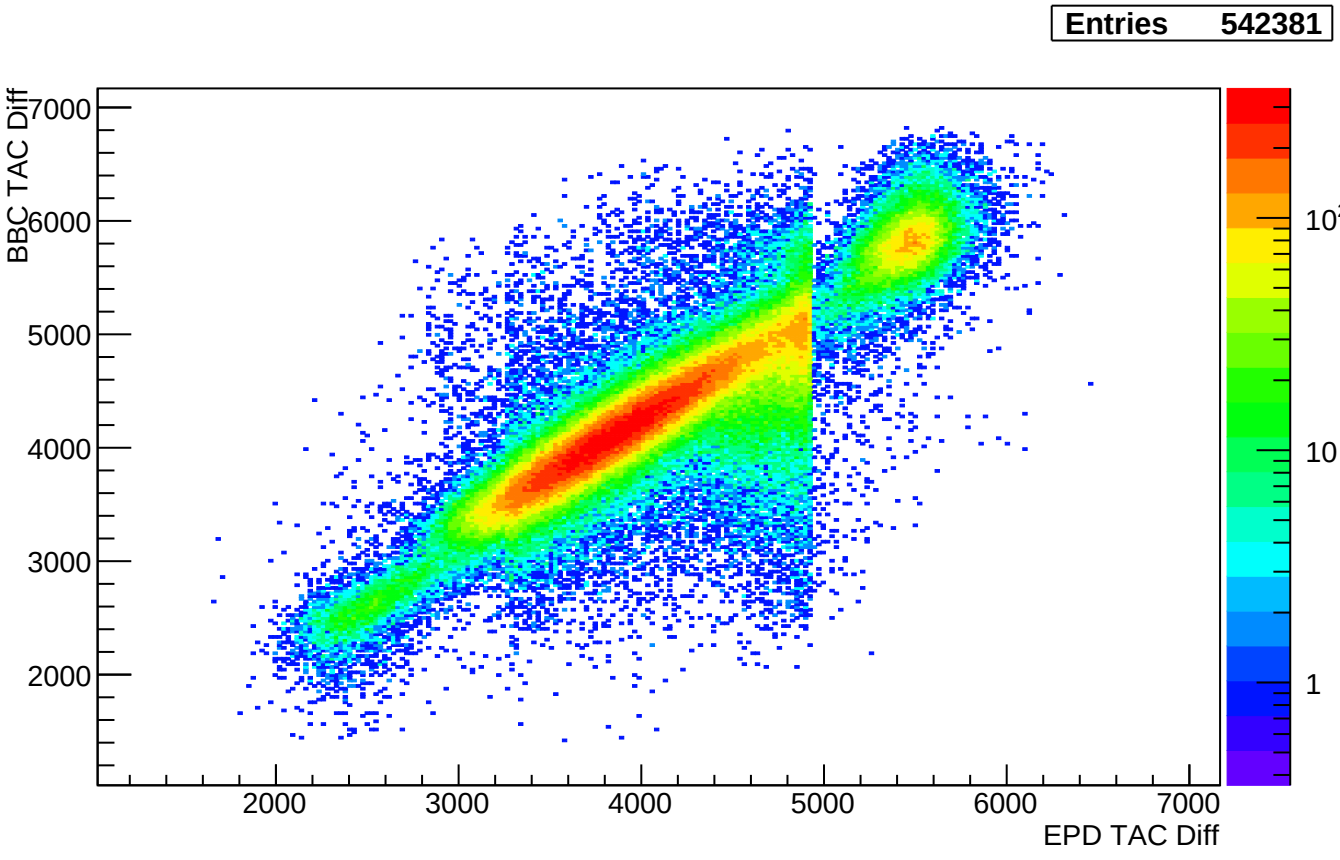

Entries 542381
TOF_Mult
BBC-S-West ADC Sum

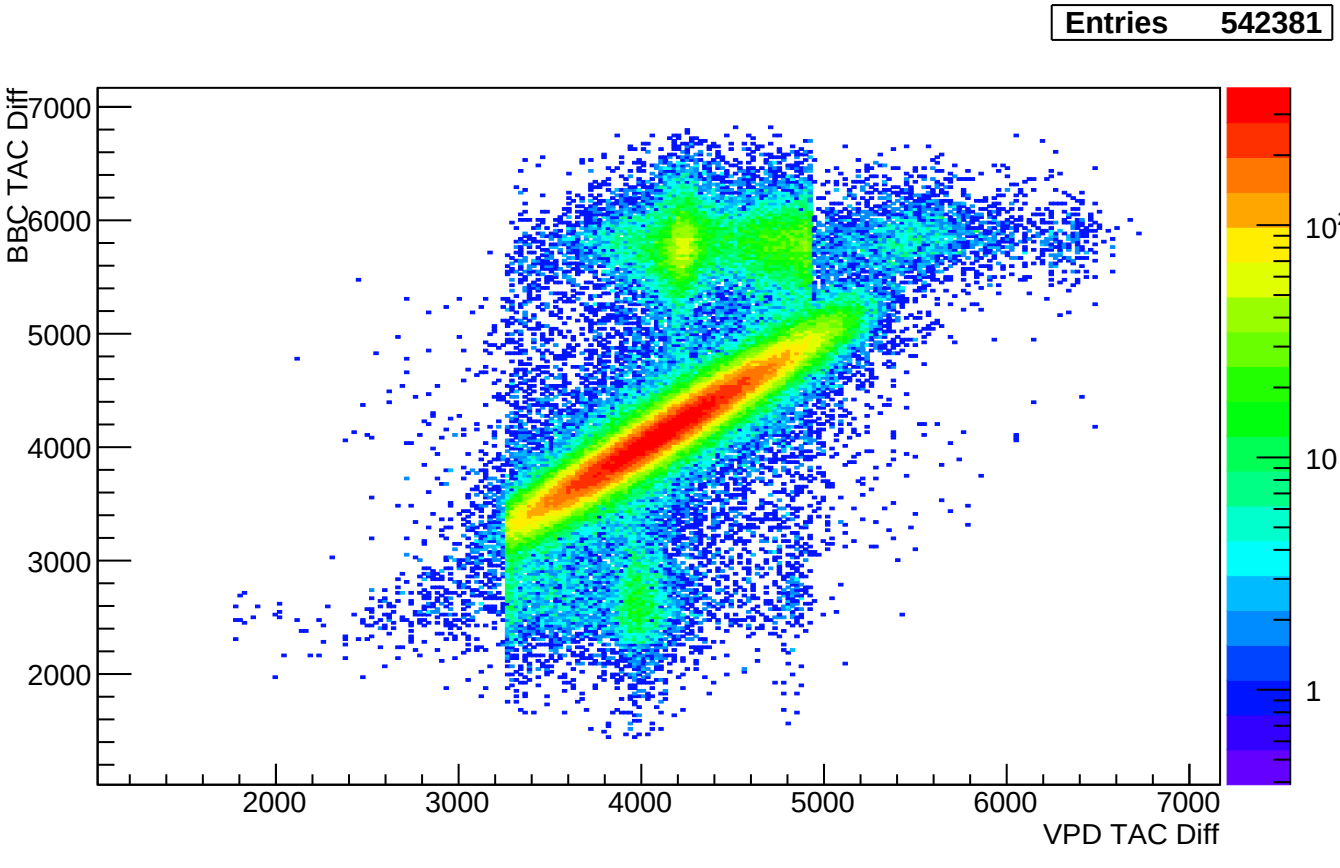

Entries 542381
TOF_Mult
EPD-East Hit Cnt

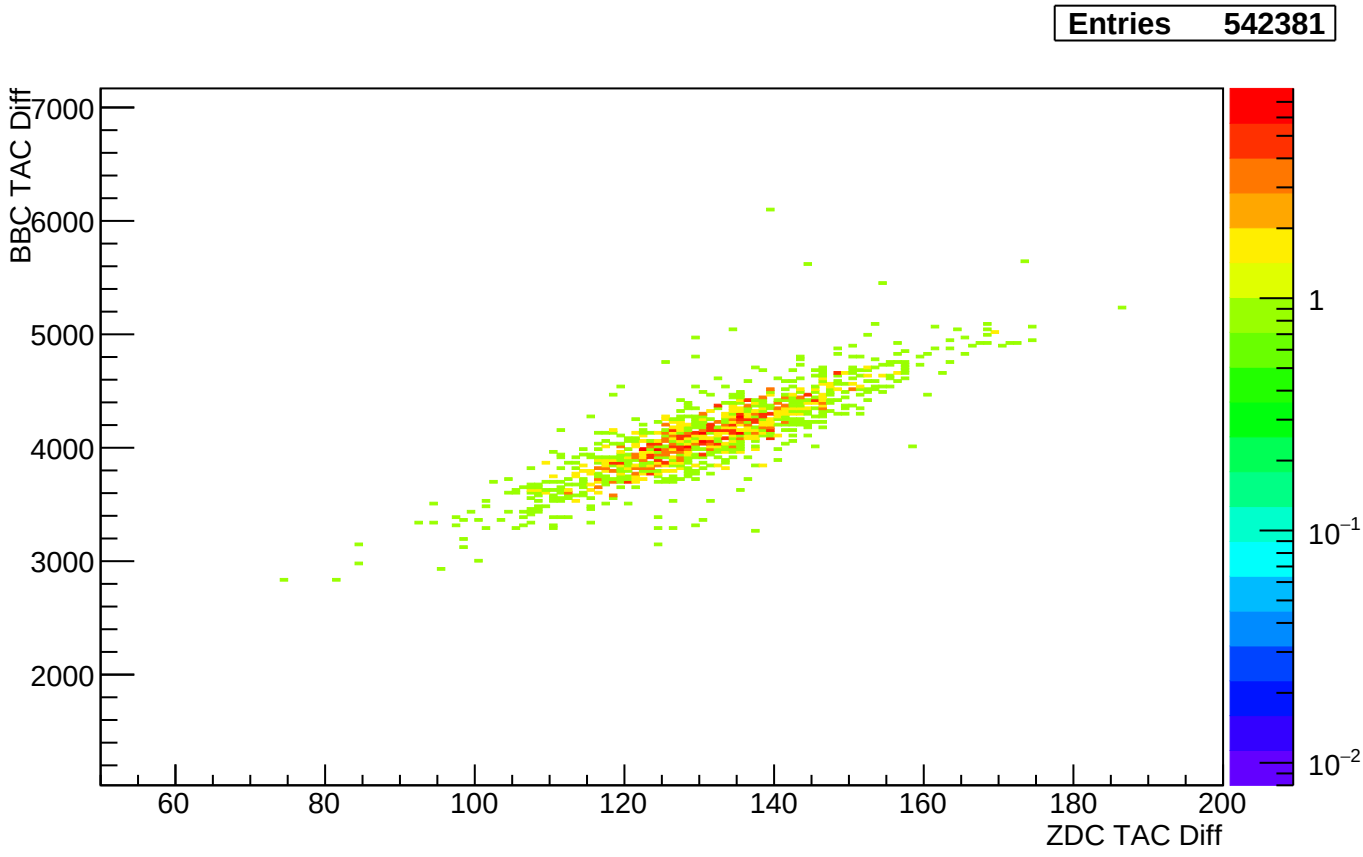

Entries 542381
TOF_Mult
EPD-West Hit Cnt

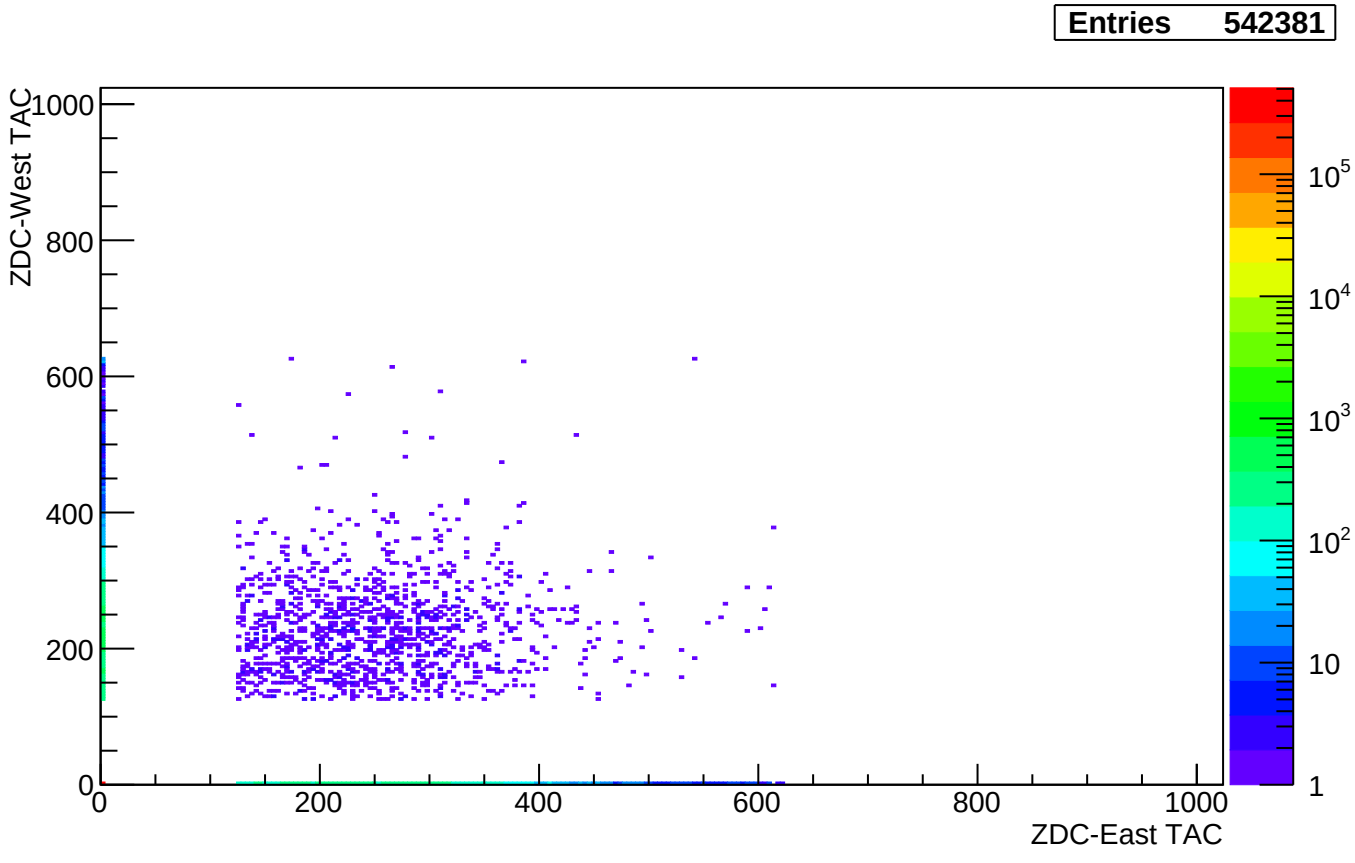

Entries 542381
TOF_Mult
VPD-East ADC Sum

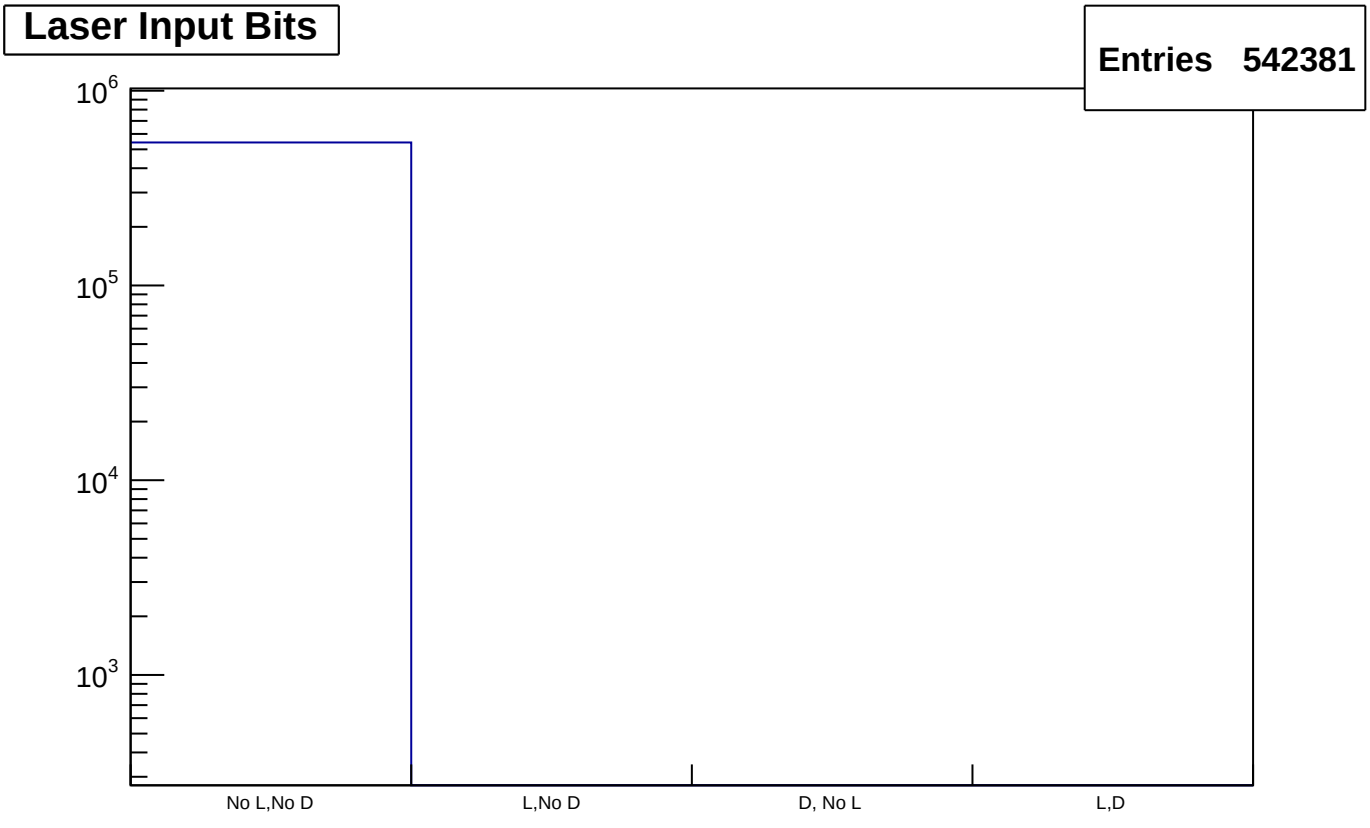

Entries 542381
TOF_Mult
VPD-West ADC Sum

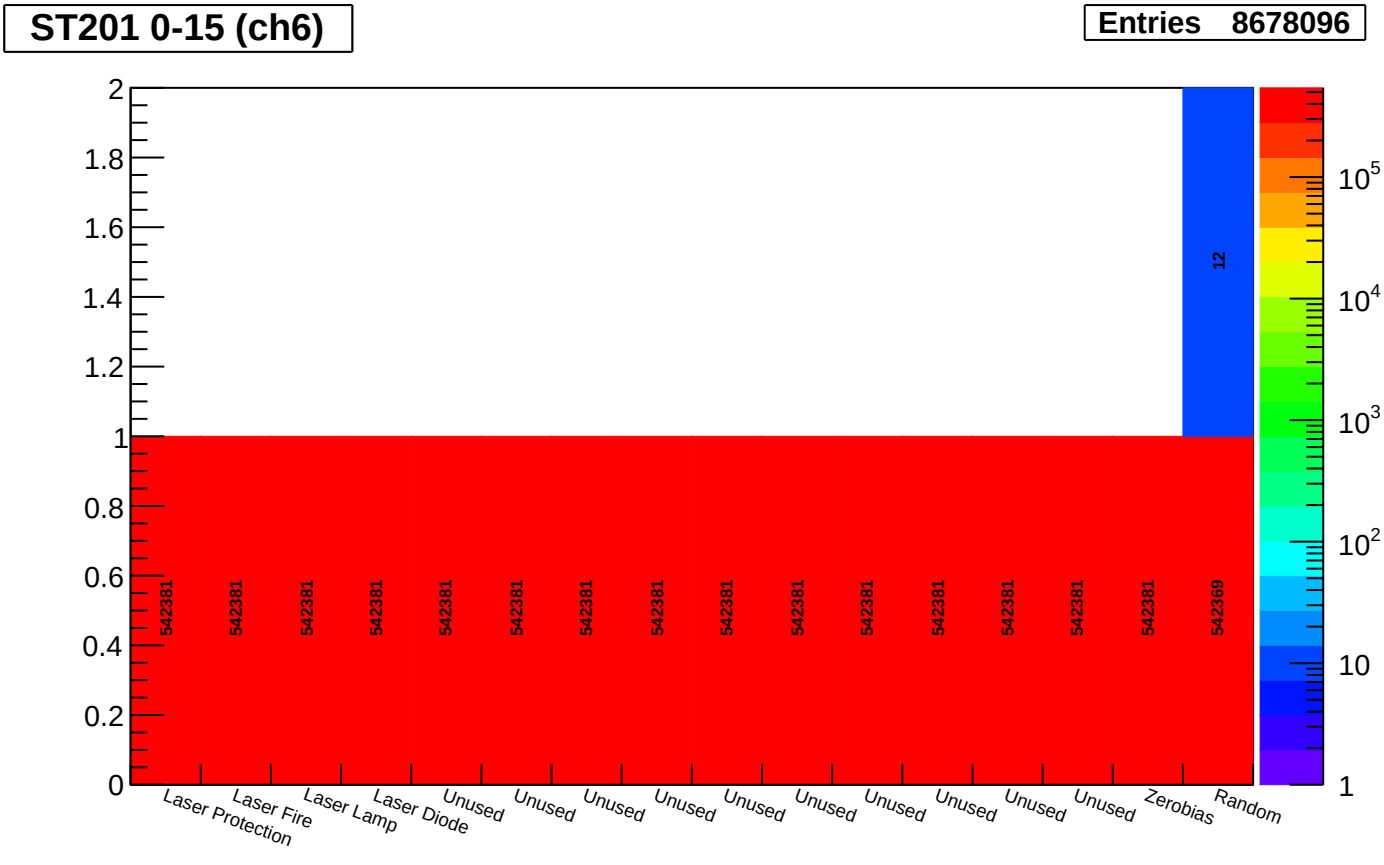

Entries 542381
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

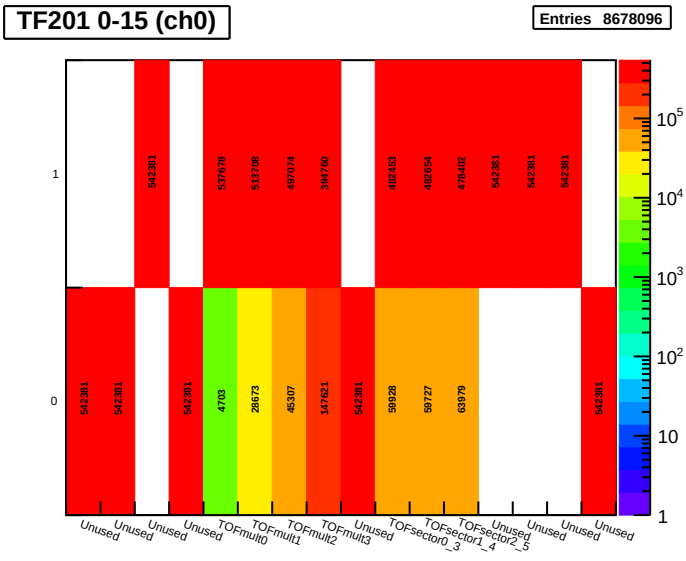

Entries 542381
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

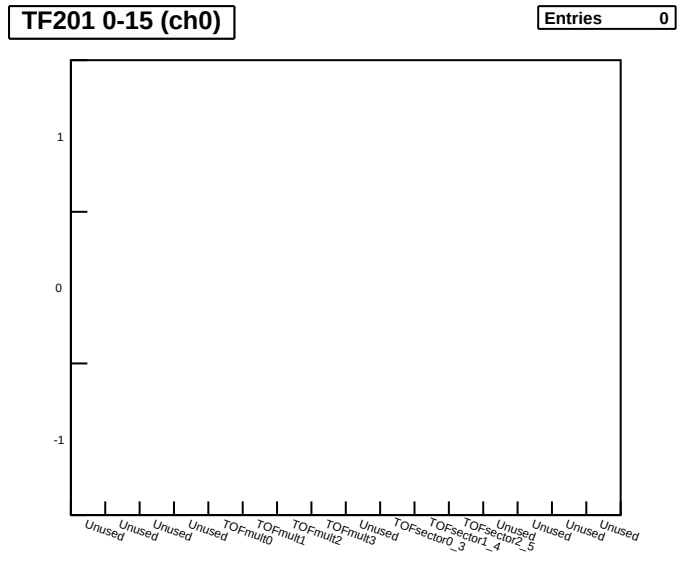

Entries 542381
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

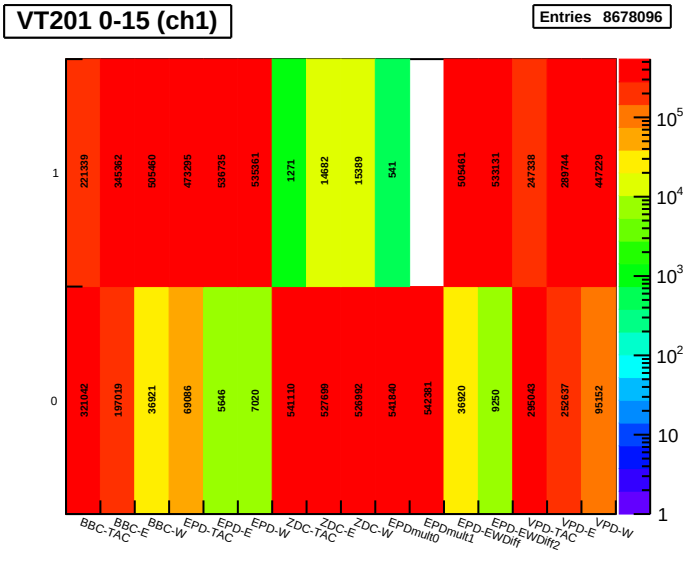

Entries 542381
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

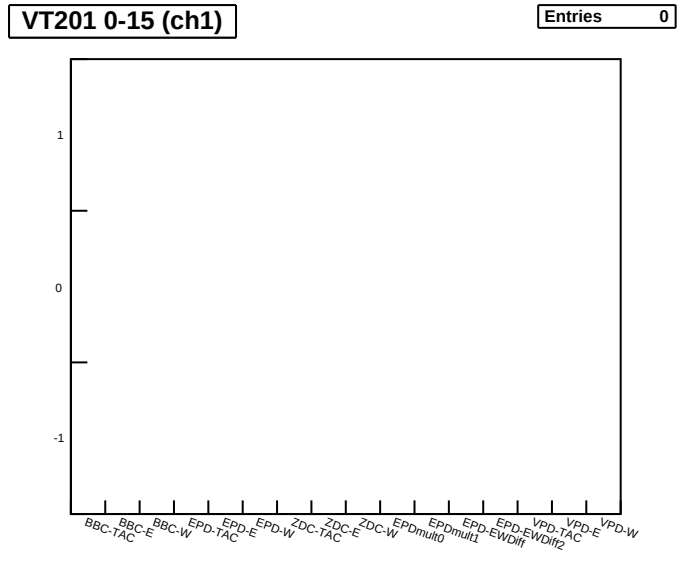

Laser Input Bits
Entries 542381
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

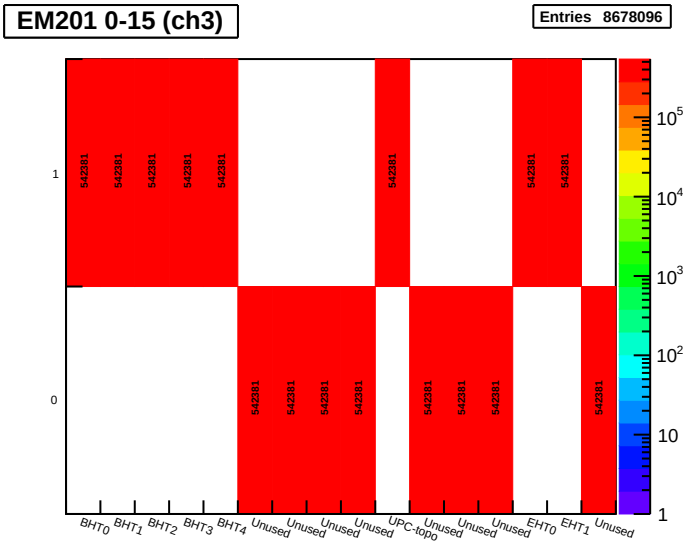

ST201 0-15 (ch6)
Entries 8678096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
542381
542381
542381
542381
542381
542381
542381
542381
542381
542381
542381
542381
542381
542381
542381
542369
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

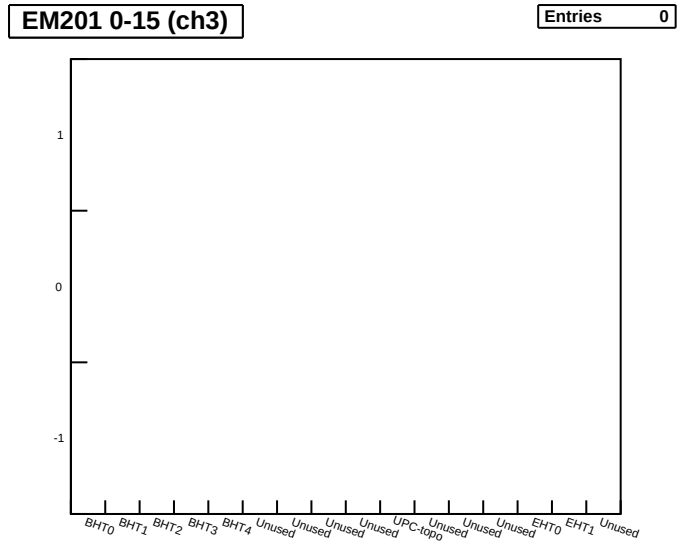

TF201 0-15 (ch0)
Entries 8678096
1
0
542381 537678 513708 497074 394760 482453 482654 476402 542381 542381 542381
542381 542381 542381 4703 28673 45307 147621 542381 59928 59727 63979 542381
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8678096
1
0
221339 345352 505460 473295 536735 535361 1271 14682 15389 541 505461 533131 247338 289744 447229
321042 197019 36921 69086 5646 7020 541110 527699 526992 541840 542381 36920 9250 285043 252637 95152
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 8678096
1
0
542381 542381 542381 542381 542381 542381 542381
542381 542381 542381 542381 542381 542381 542381 542381
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