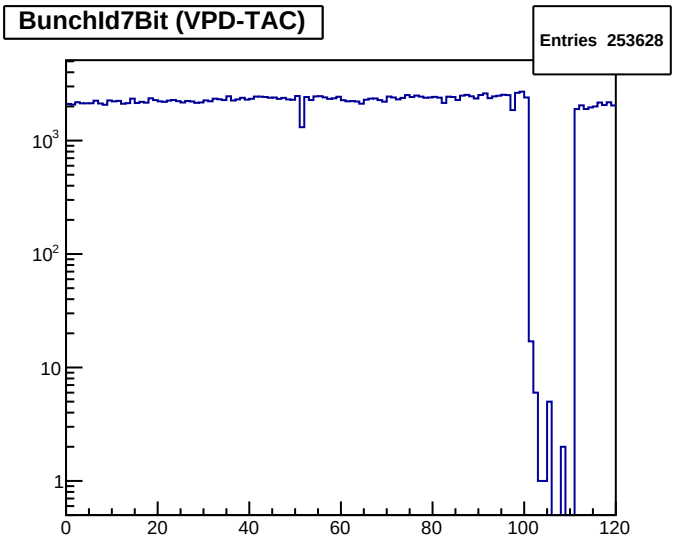
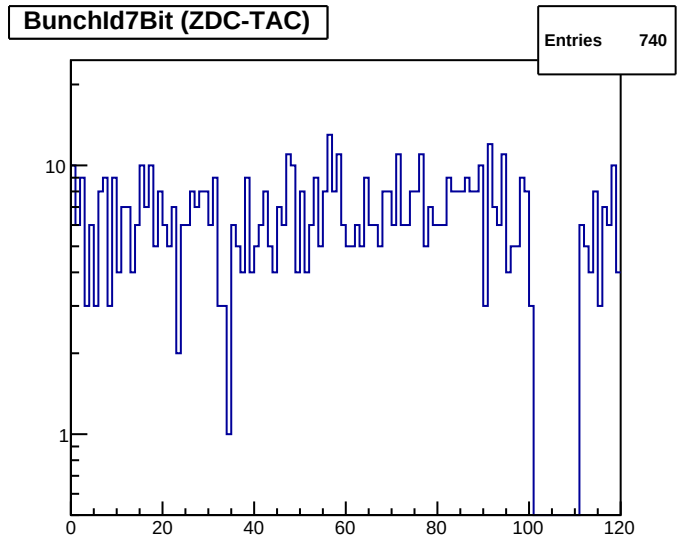
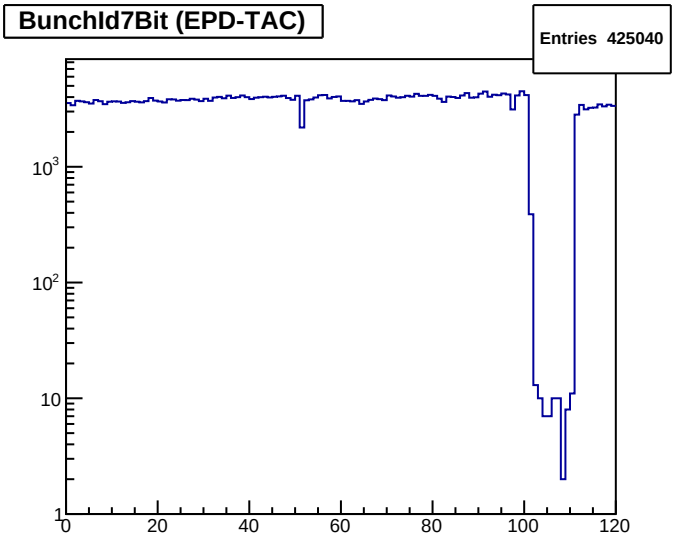
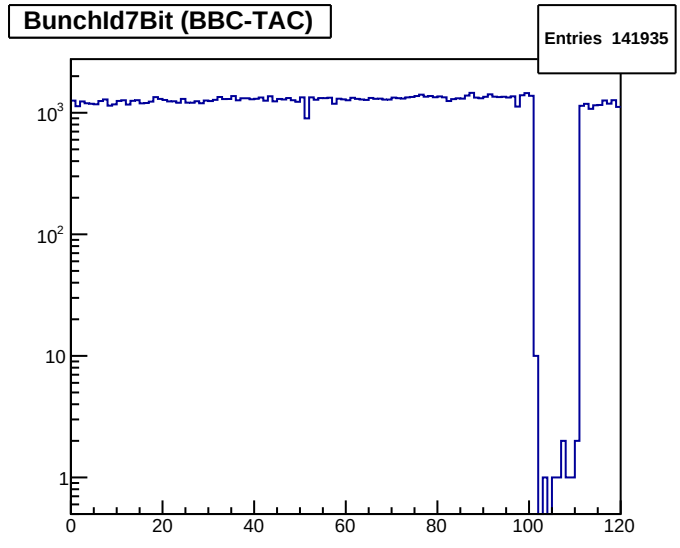
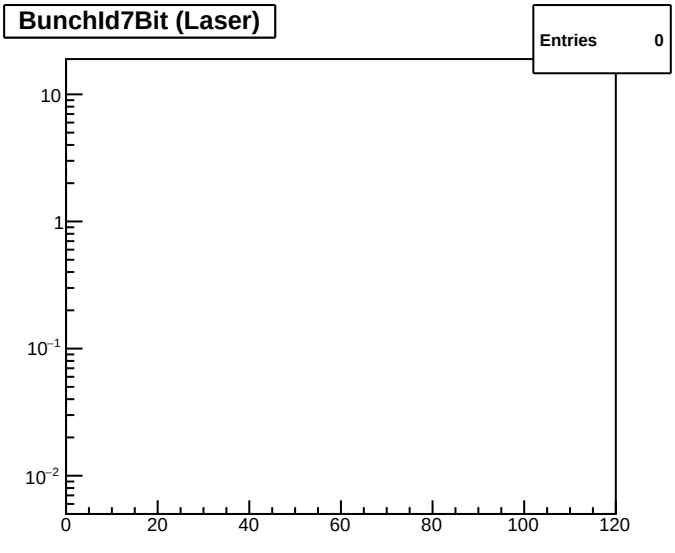
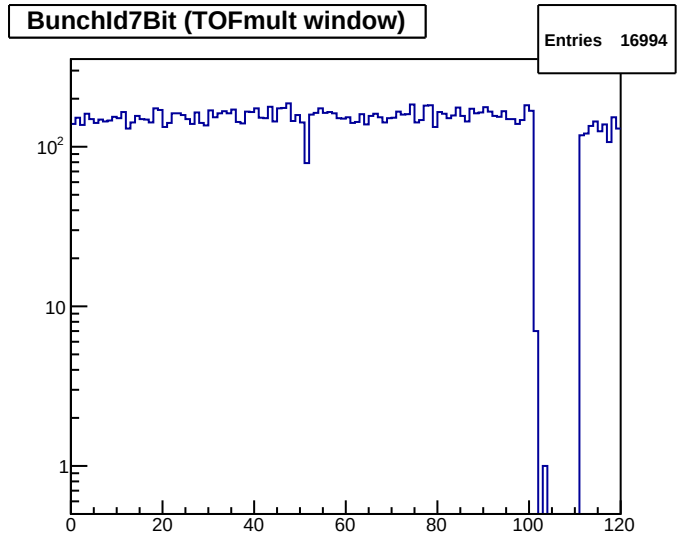

BunchId7Bit (VPD-TAC)
Entries 253628

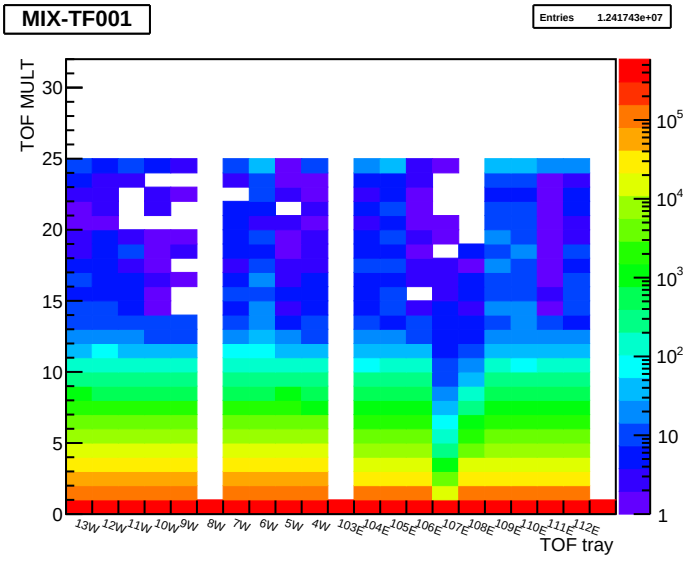

BunchId7Bit (ZDC-TAC)
Entries 740

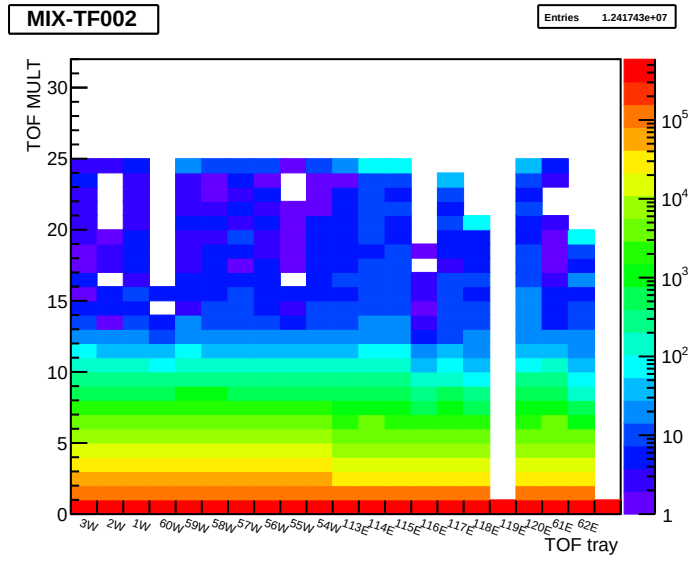

BunchId7Bit (EPD-TAC)
Entries 425040

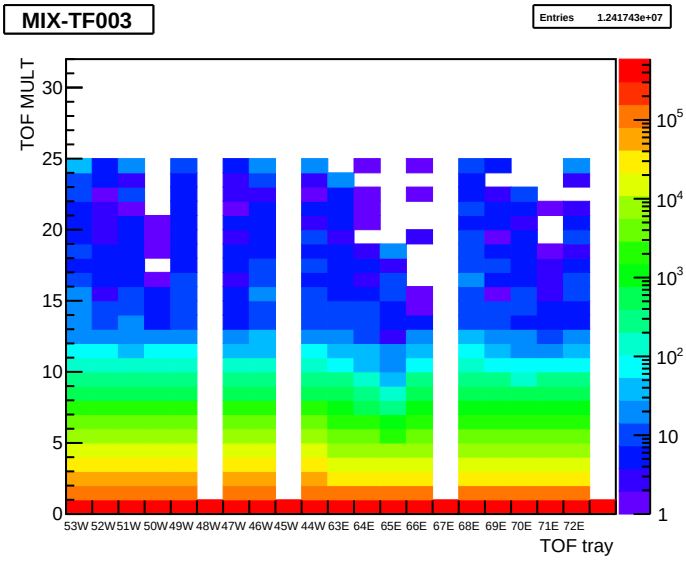

BunchId7Bit (BBC-TAC)
Entries 141935

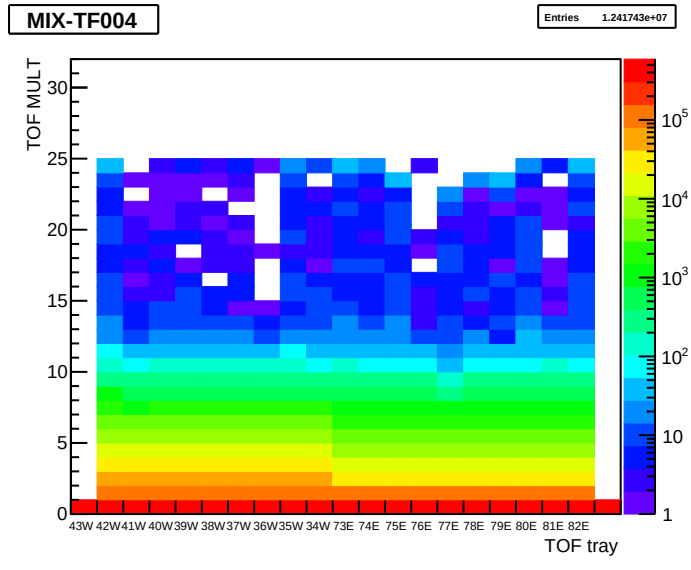

BunchId7Bit (Laser)
Entries 0

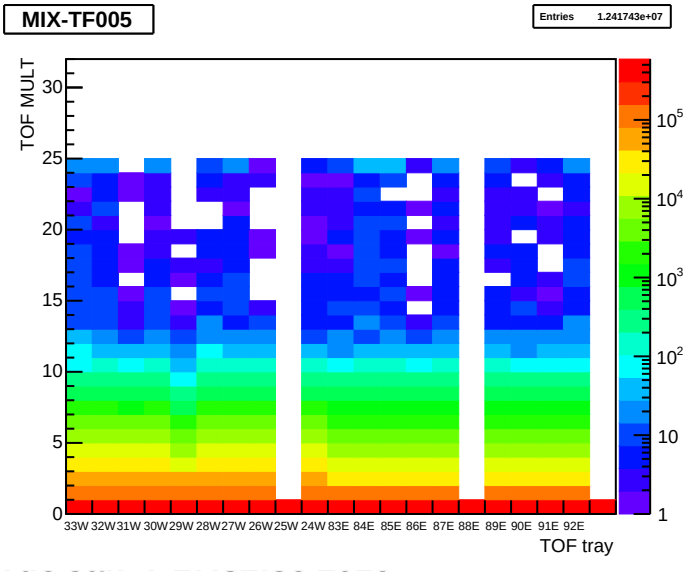

BunchId7Bit (TOFmult window)
Entries 16994

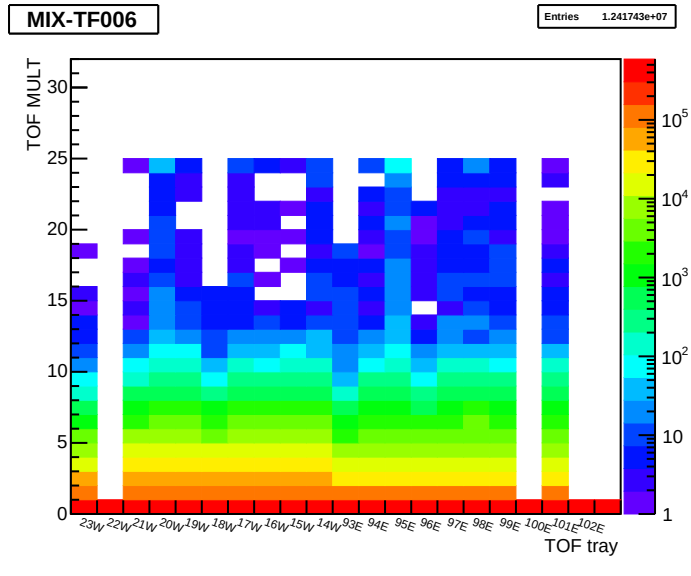

MIX-TF001
Entries 1.241743e+07
TOF MULT
TOF tray

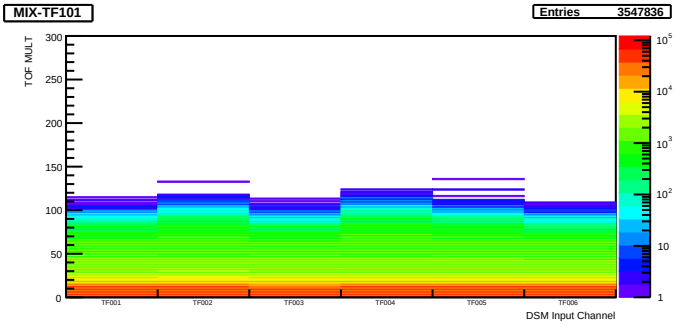

MIX-TF002
Entries 1.241743e+07
TOF MULT
TOF tray

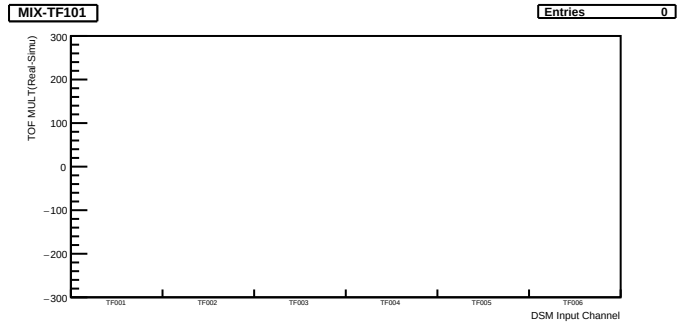

MIX-TF003
Entries 1.241743e+07
TOF MULT
TOF tray

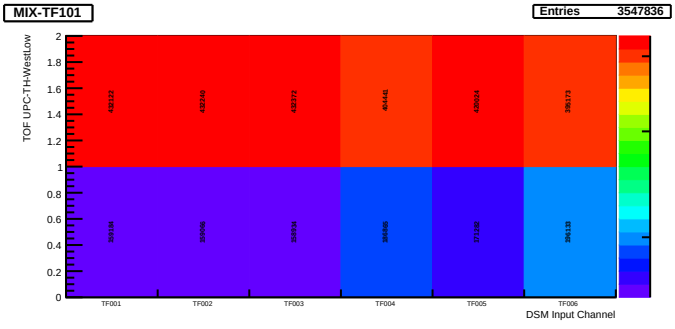

MIX-TF004
Entries 1.241743e+07
TOF MULT
TOF tray

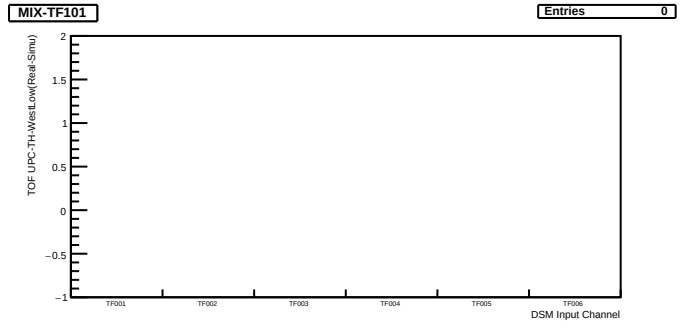

MIX-TF005
Entries 1.241743e+07
TOF MULT
TOF tray

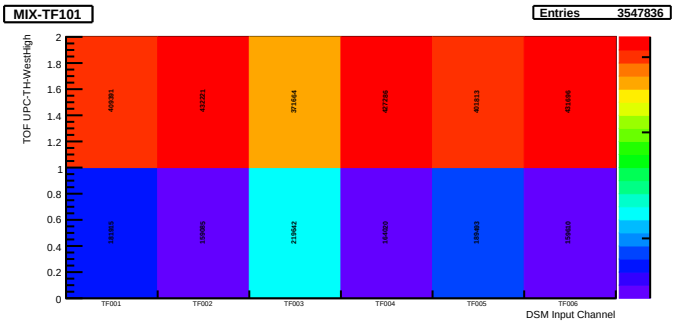

MIX-TF006
Entries 1.241743e+07
TOF MULT
TOF tray

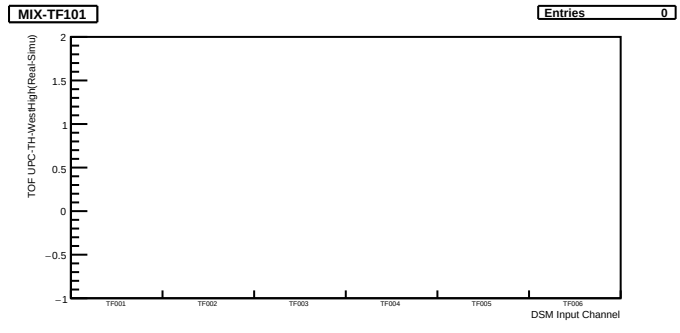

MIX-TF101
Entries 3547836
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

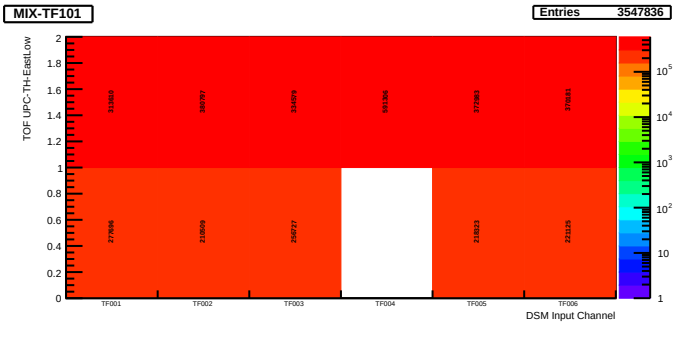

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

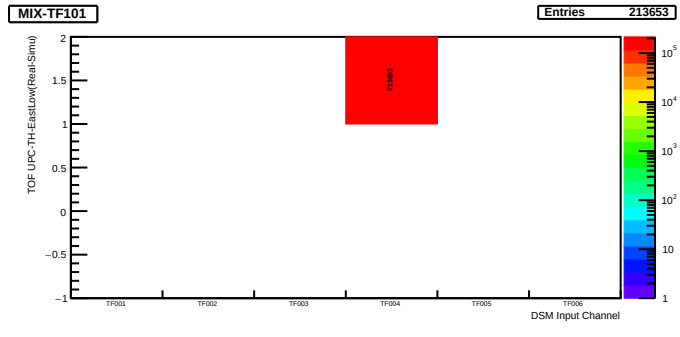

MIX-TF101
Entries 3547836
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

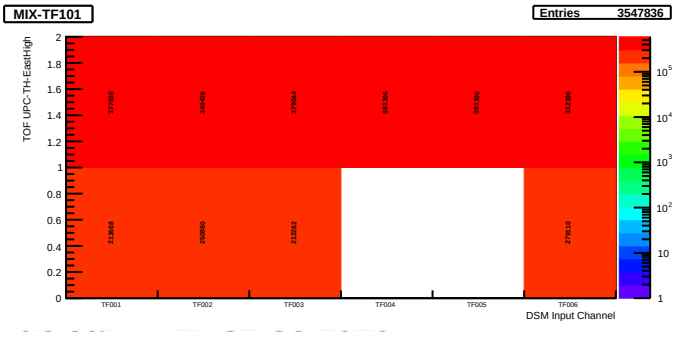

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

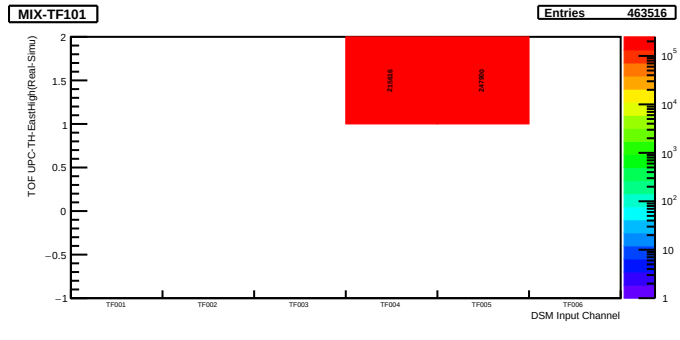

MIX-TF101
Entries 3547836
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

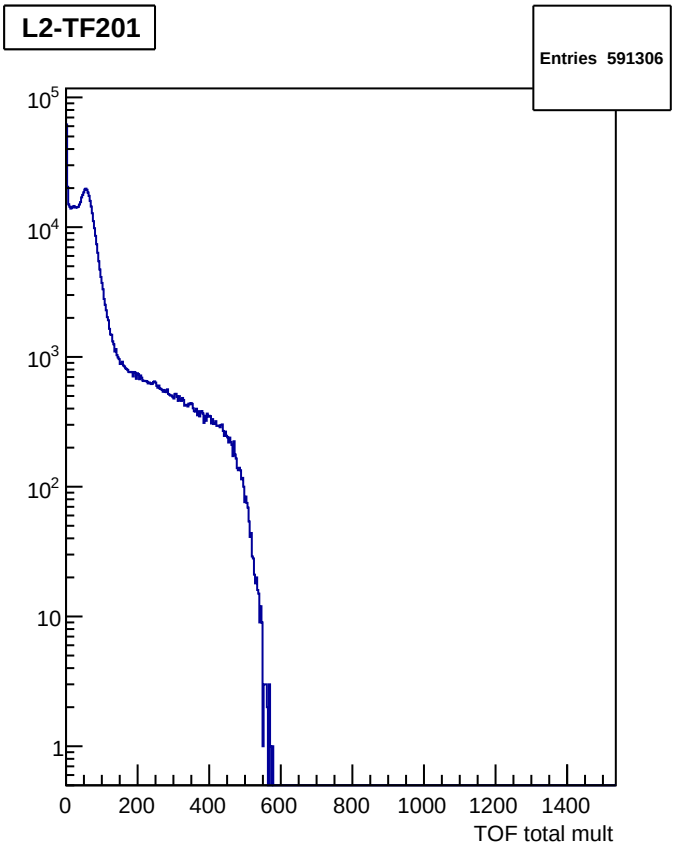

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

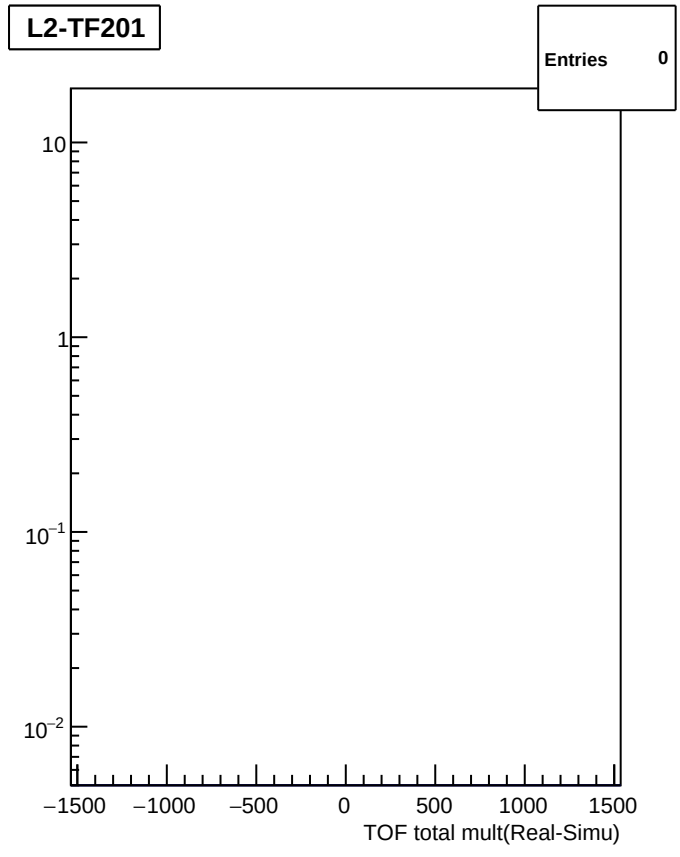

MIX-TF101
Entries 3547836
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

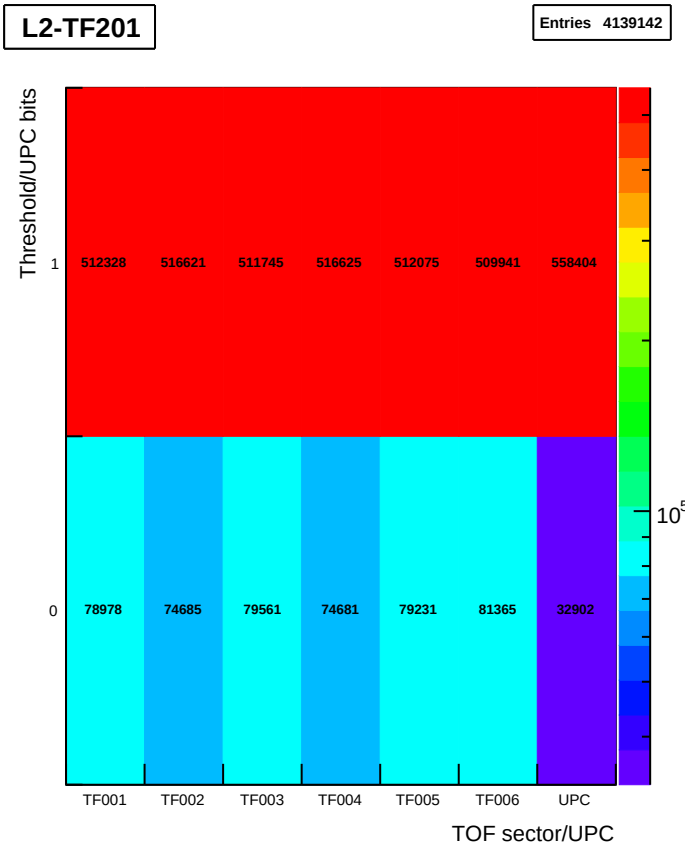

MIX-TF101
Entries 213653
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

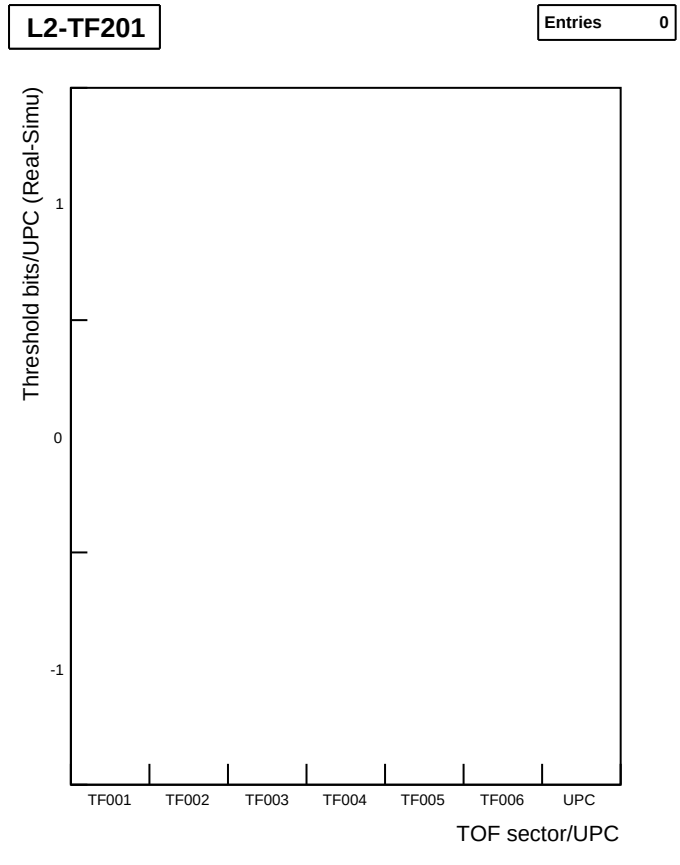

MIX-TF101
Entries 3547836
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

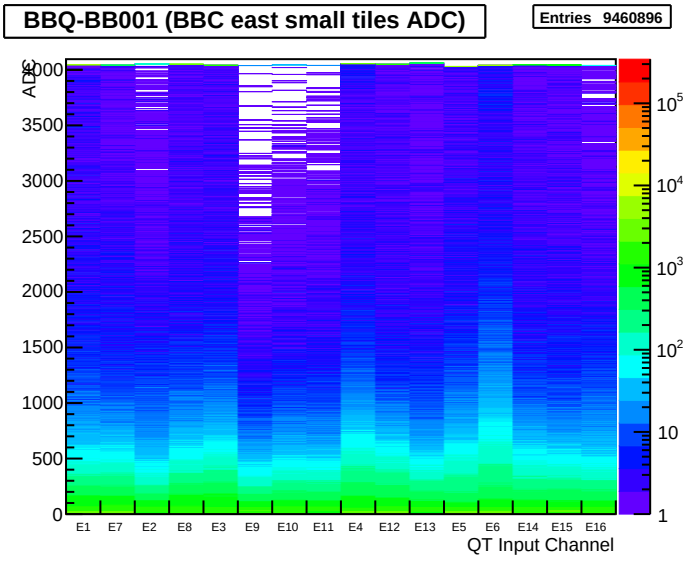

MIX-TF101
Entries 463516
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

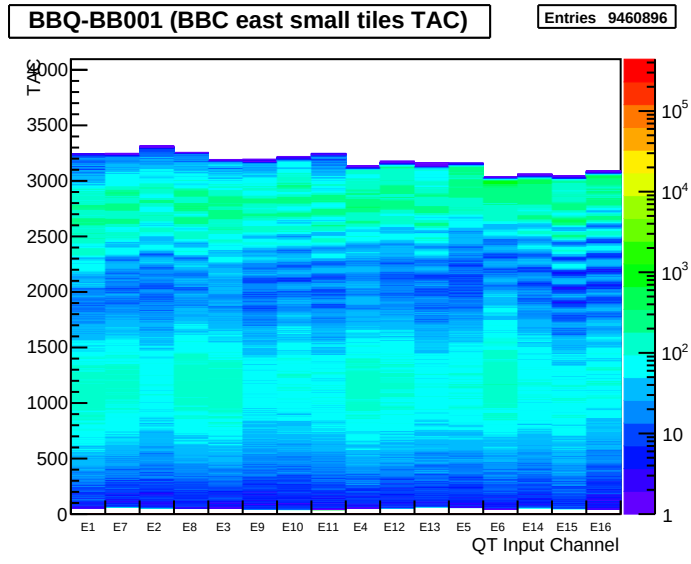

L2-TF201
Entries 591306
TOF total mult

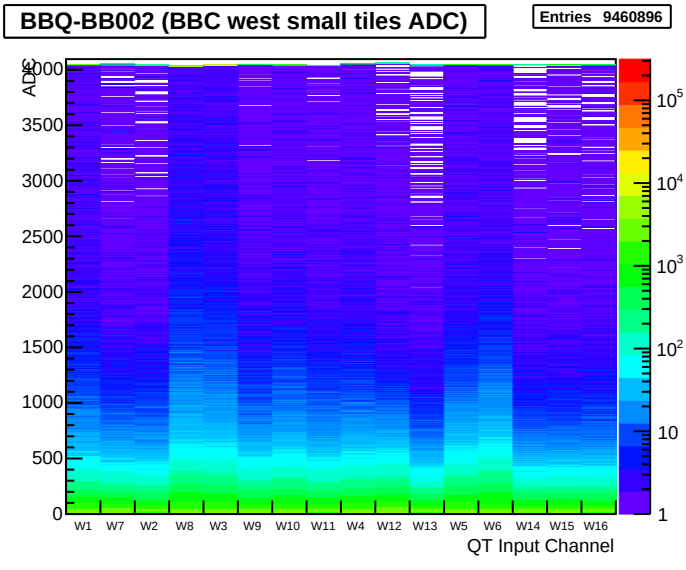

L2-TF201
Entries 0
TOF total mult(Real-Simu)

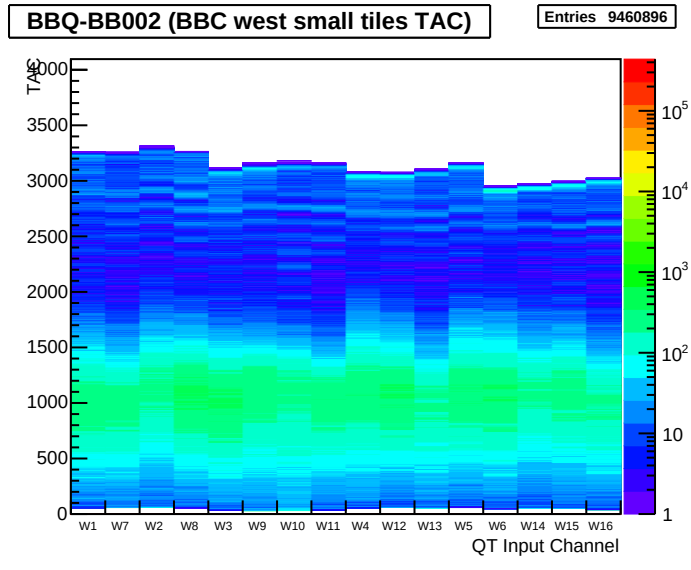

L2-TF201
Entries 4139142
Threshold/UPC bits
512328
516621
511745
516625
512075
509941
558404
78978
74685
79561
74681
79231
81365
32902
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

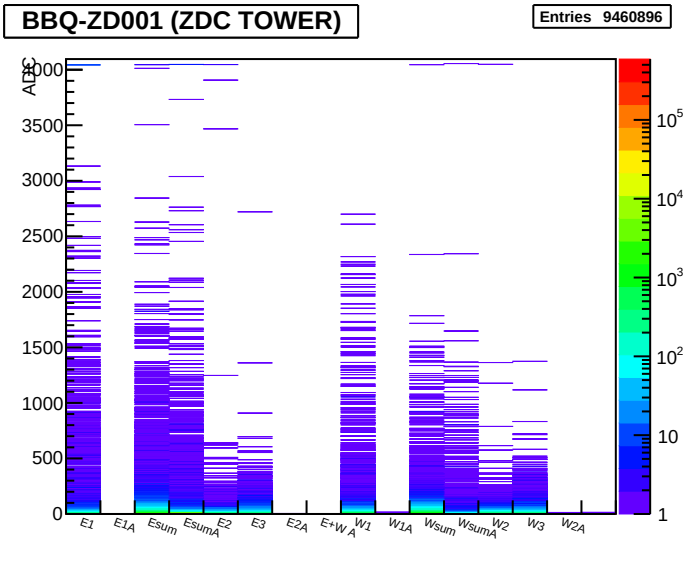

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

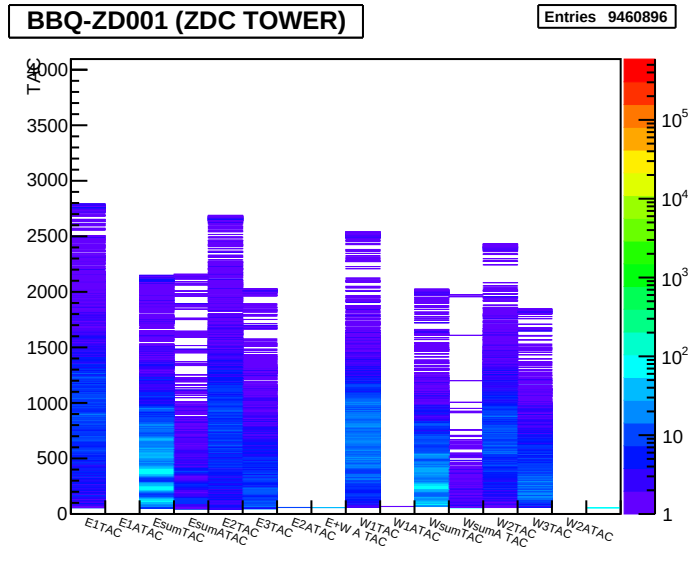

BBQ-BB001 (BBC east small tiles ADC)
Entries 9460896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

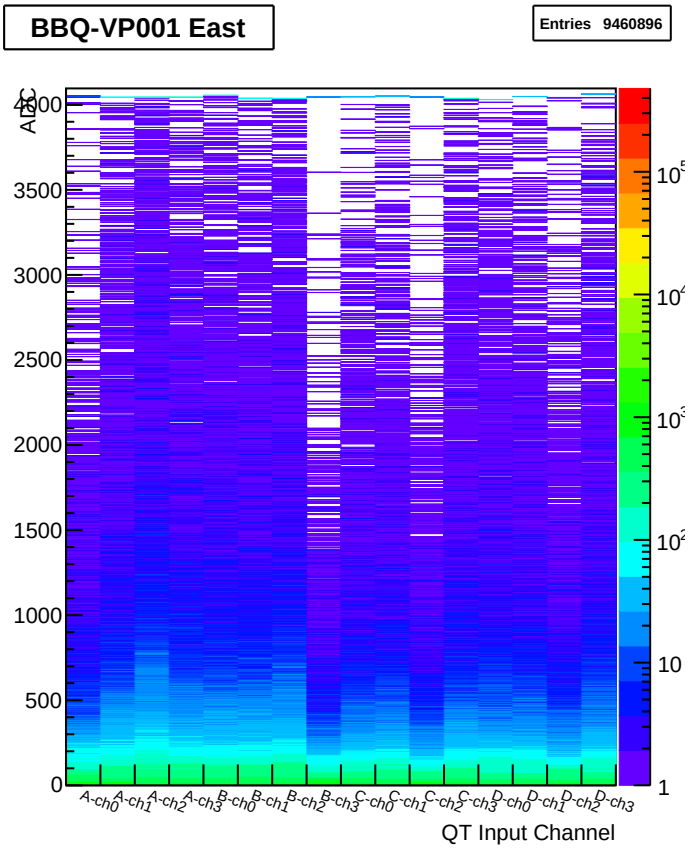

BBQ-BB001 (BBC east small tiles TAC)
Entries 9460896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

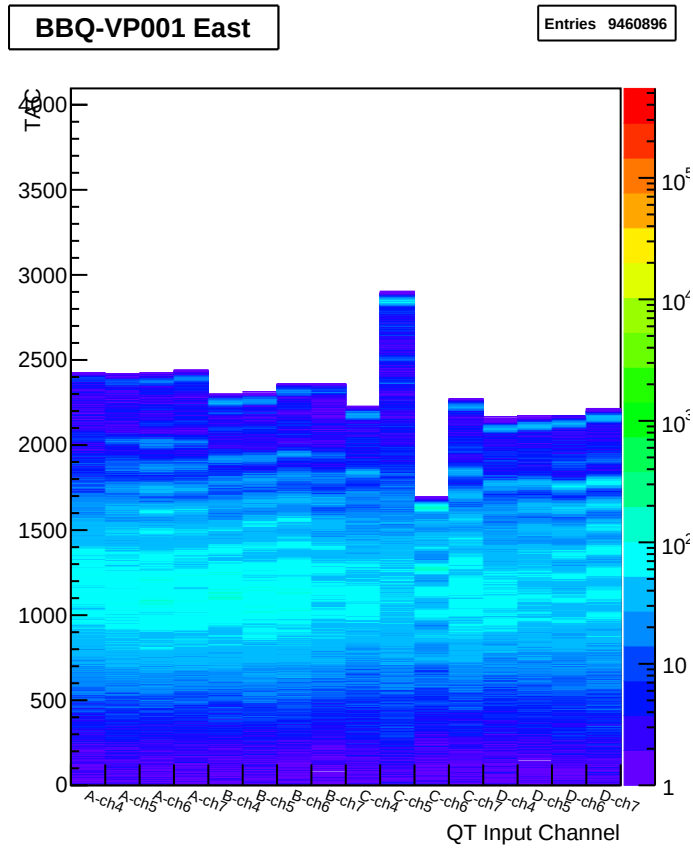

BBQ-BB002 (BBC west small tiles ADC)
Entries 9460896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

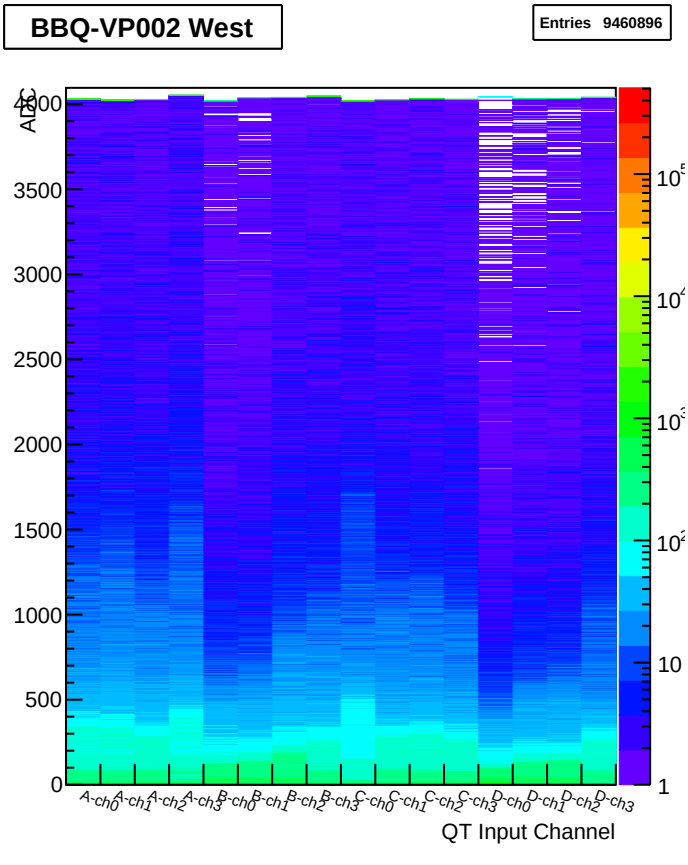

BBQ-BB002 (BBC west small tiles TAC)
Entries 9460896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

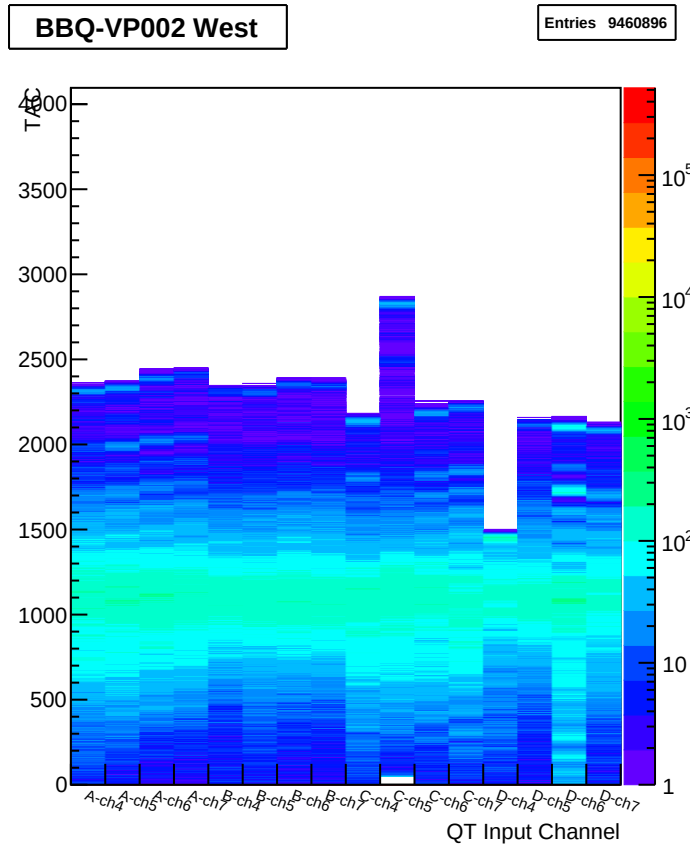

BBQ-ZD001 (ZDC TOWER)
Entries 9460896
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

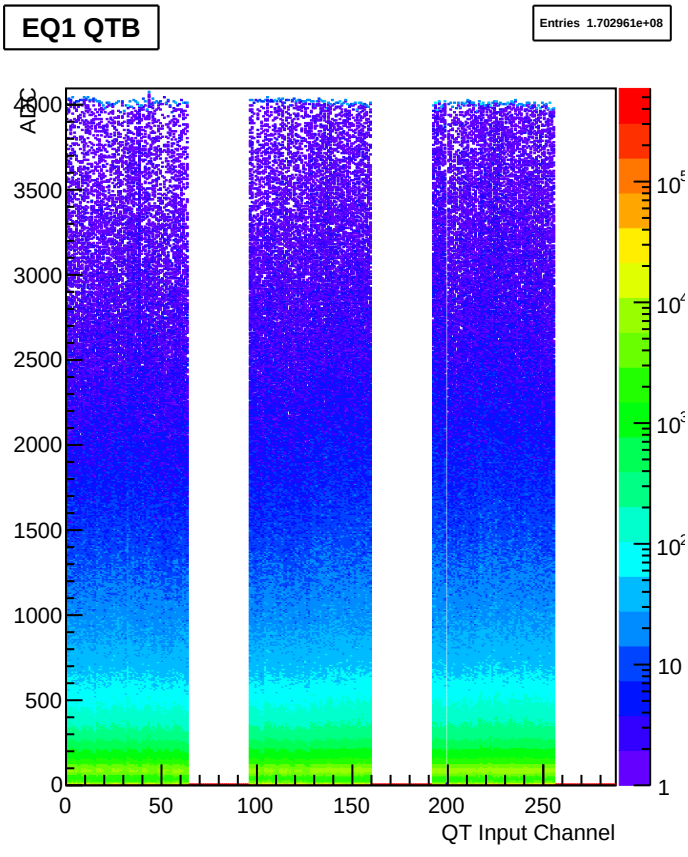

BBQ-ZD001 (ZDC TOWER)
Entries 9460896
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

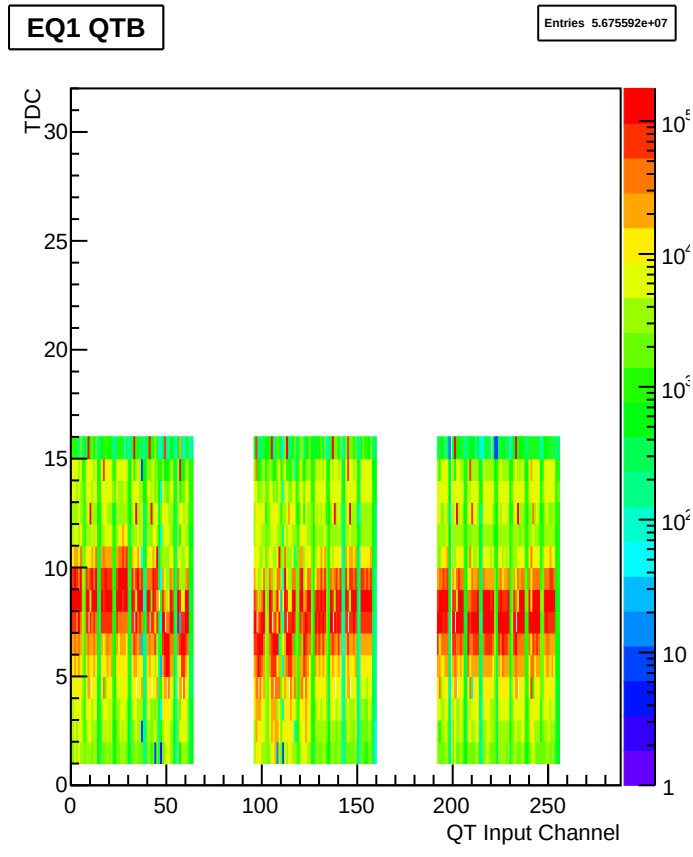

BBQ-VP001 East
Entries 9460896
ADC
QT Input Channel

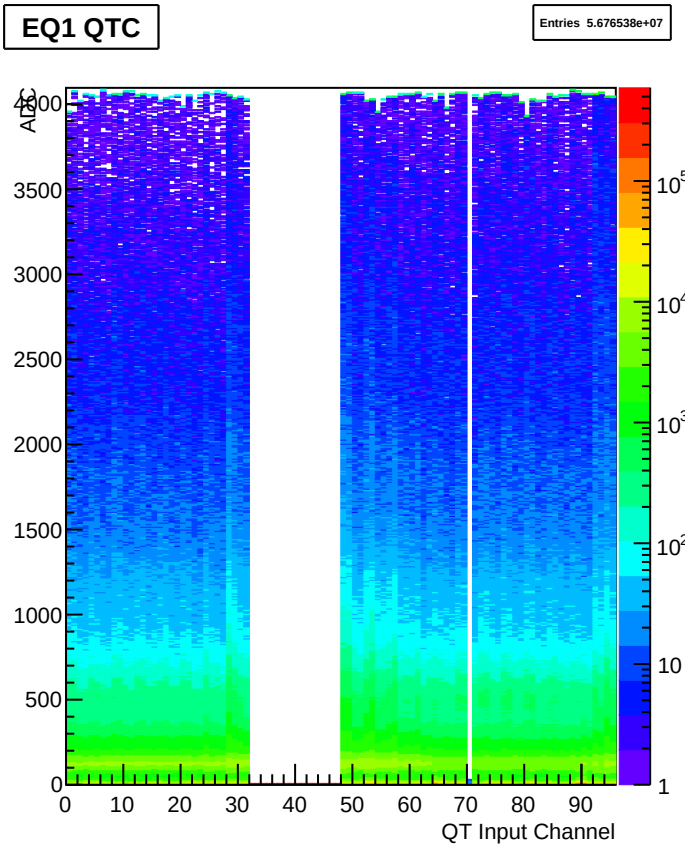

BBQ-VP001 East
Entries 9460896
TADC
QT Input Channel

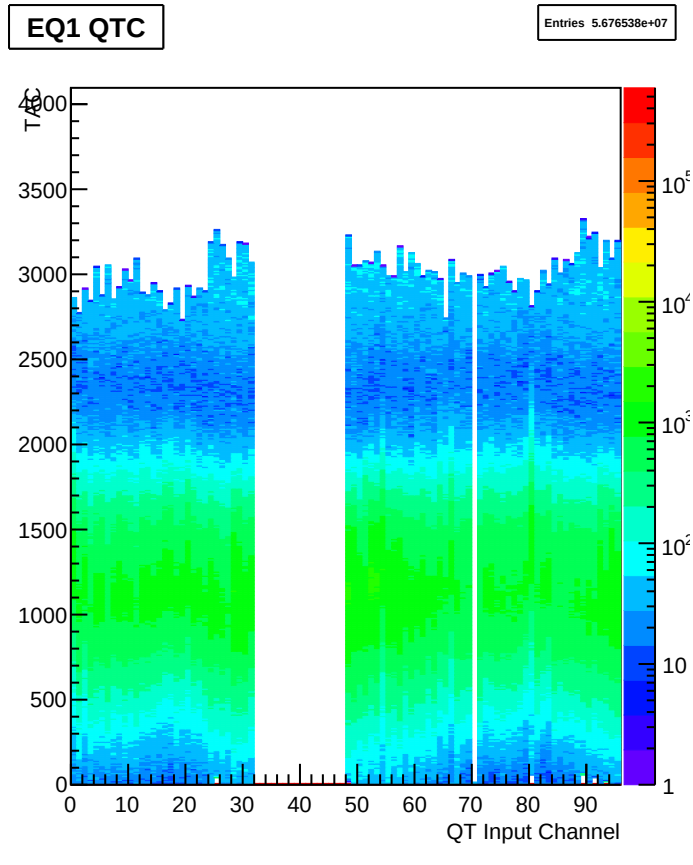

BBQ-VP002 West
Entries 9460896
ADC
QT Input Channel

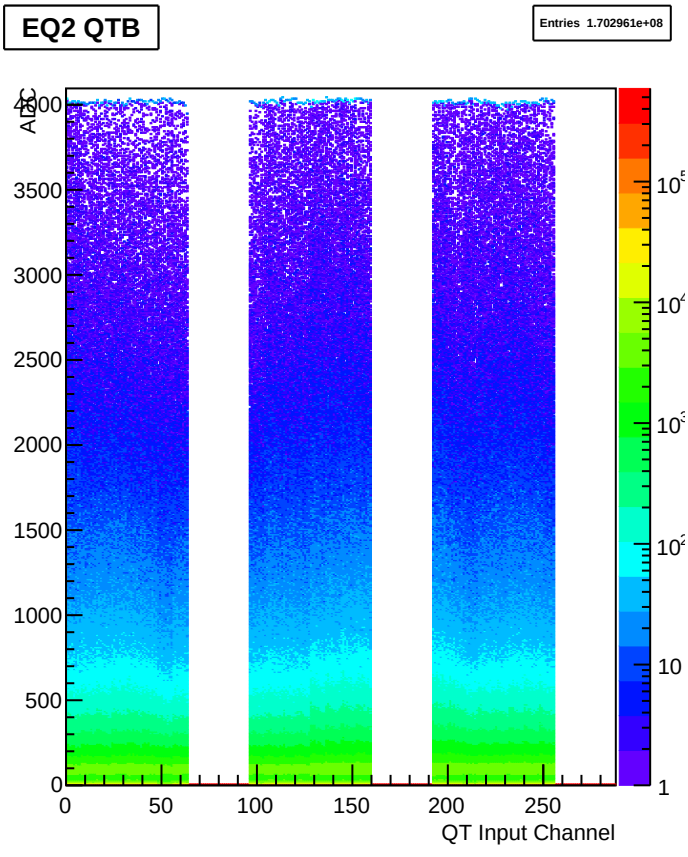

BBQ-VP002 West
Entries 9460896
TADC
QT Input Channel

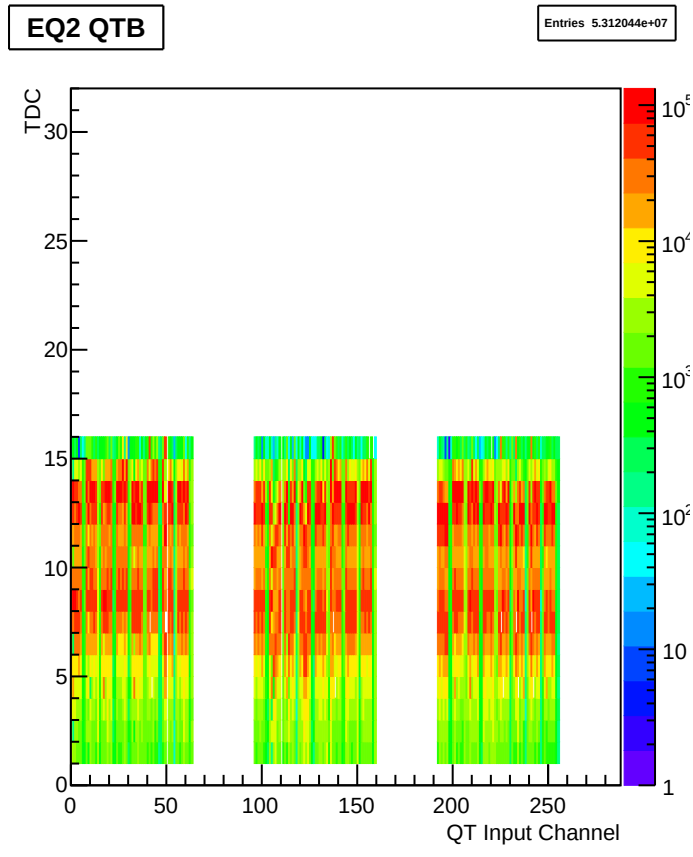

EQ1 QTB
Entries 1.702961e+08
ADC
QT Input Channel

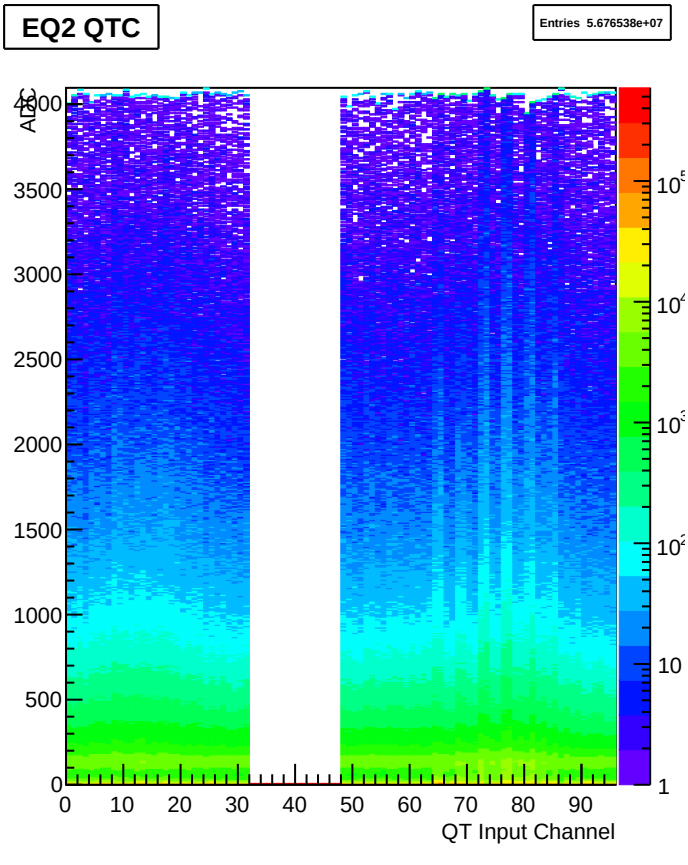

EQ1 QTB
Entries 5.675592e+07
TDC
QT Input Channel

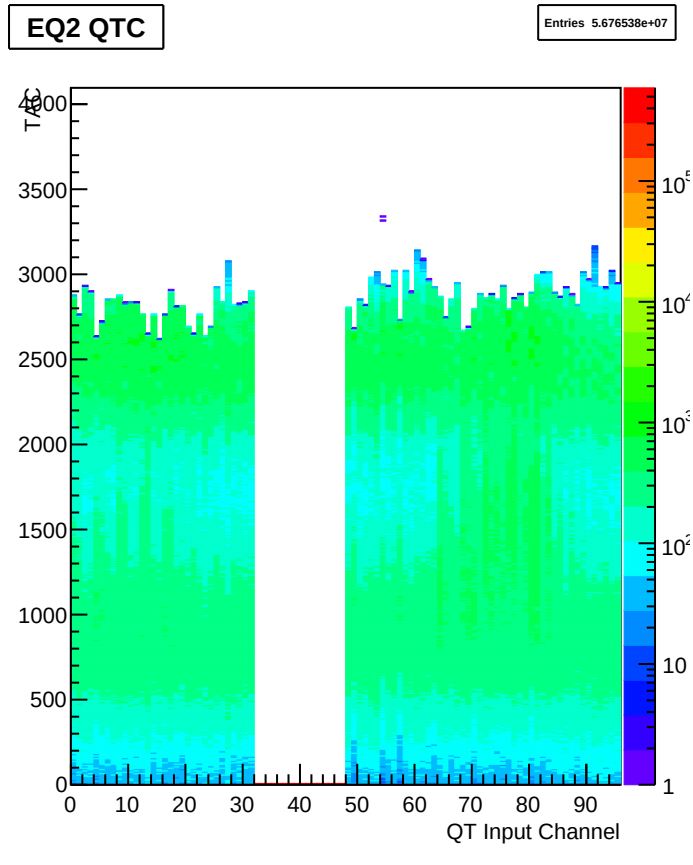

EQ1 QTC
Entries 5.676538e+07
ADC
QT Input Channel

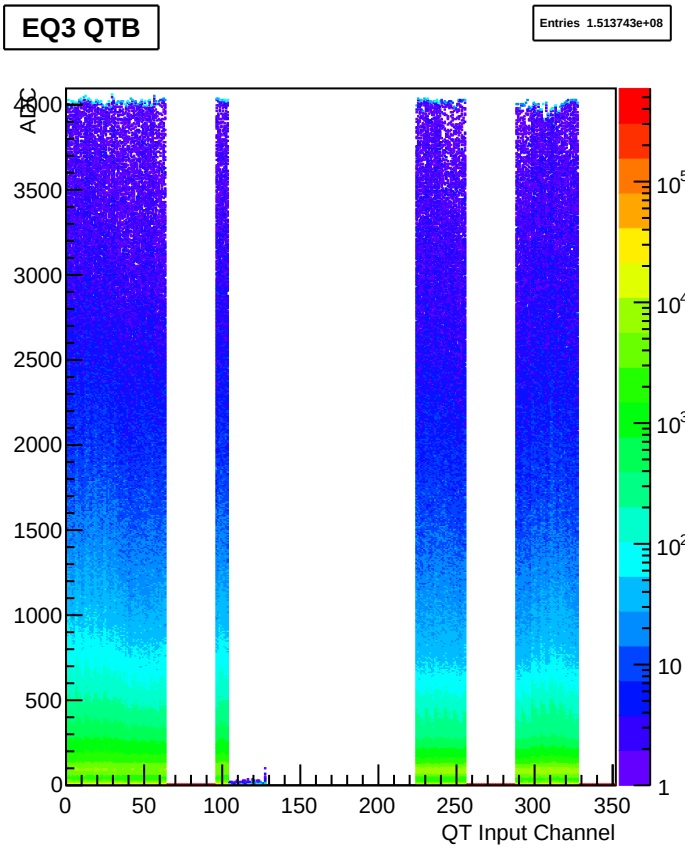

EQ1 QTC
Entries 5.676538e+07
TADC
QT Input Channel

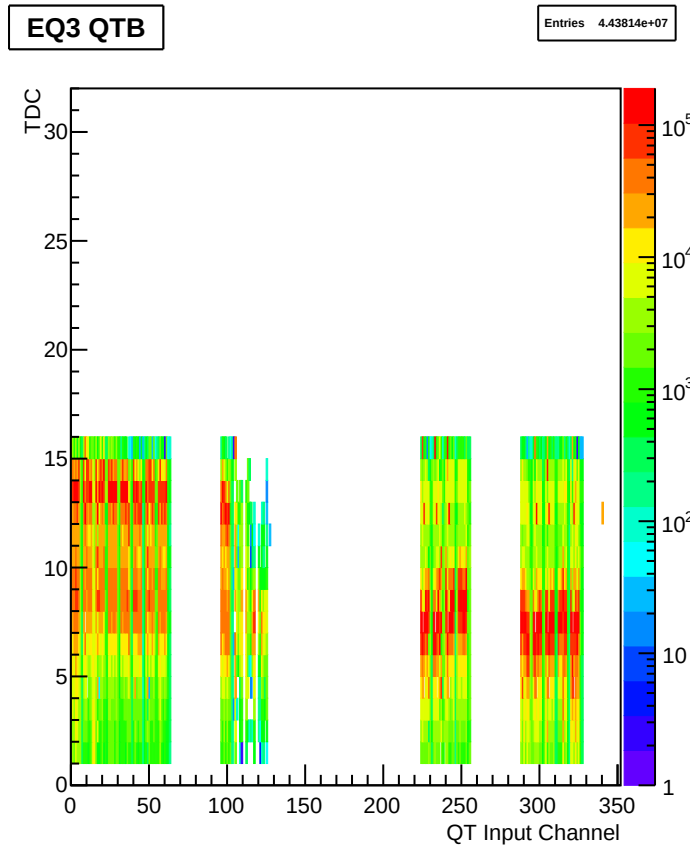

EQ2 QTB
Entries 1.702961e+08
ADC
QT Input Channel

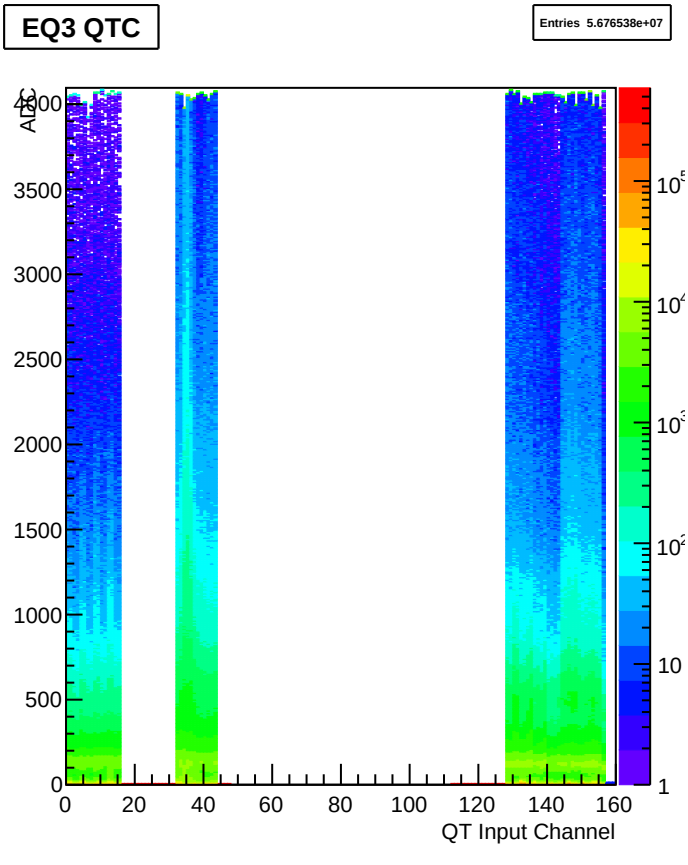

EQ2 QTB
Entries 5.312044e+07
TDC
QT Input Channel

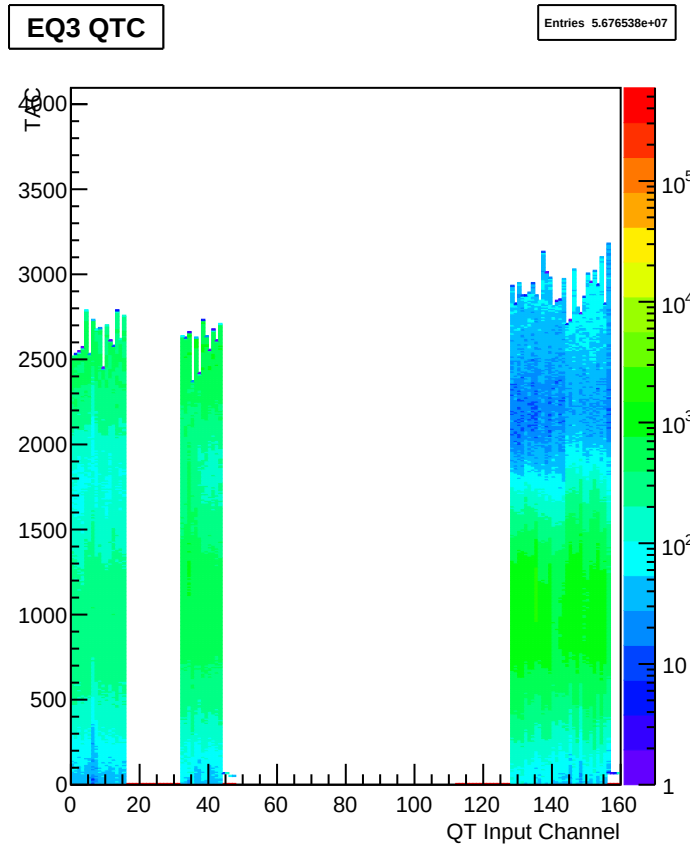

EQ2 QTC
Entries 5.676538e+07
ADC
QT Input Channel

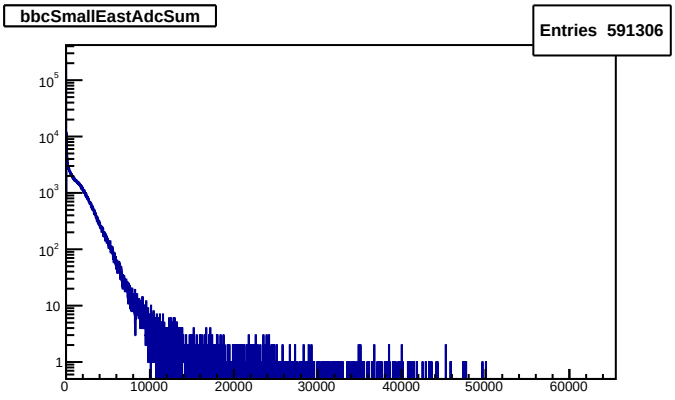

EQ2 QTC
Entries 5.676538e+07
TADC
QT Input Channel

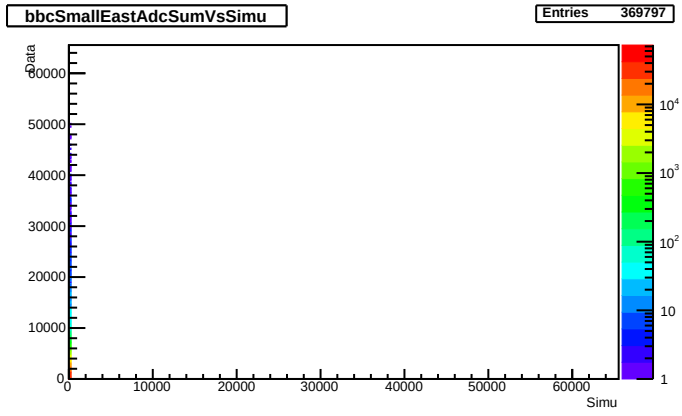

EQ3 QTB
Entries 1.513743e+08
ADC
QT Input Channel

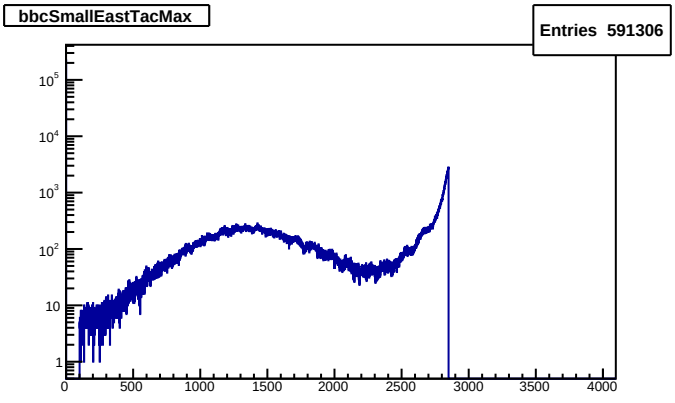

EQ3 QTB
Entries 4.43814e+07
TDC
QT Input Channel

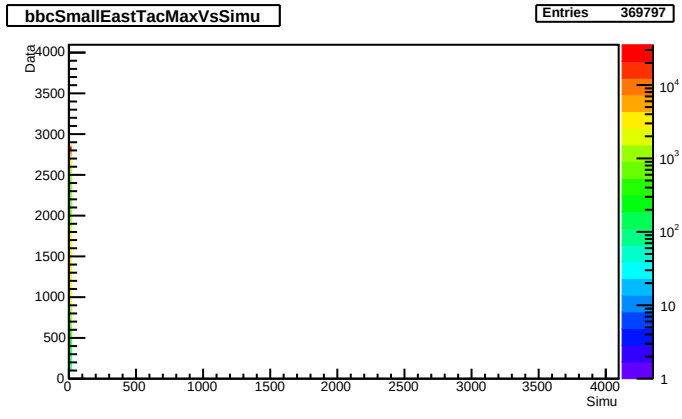

EQ3 QTC
Entries 5.676538e+07
ADC
QT Input Channel

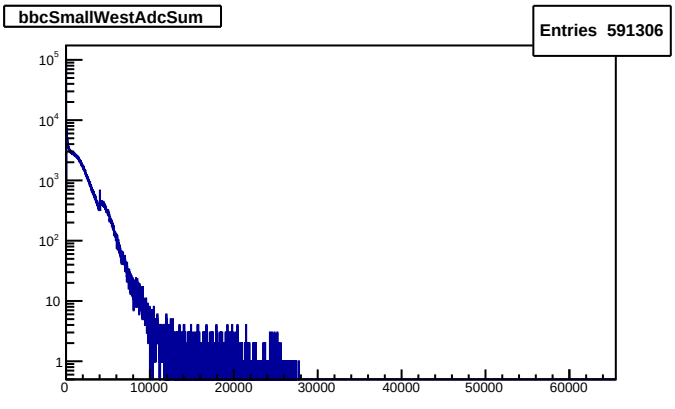

EQ3 QTC
Entries 5.676538e+07
TADC
QT Input Channel

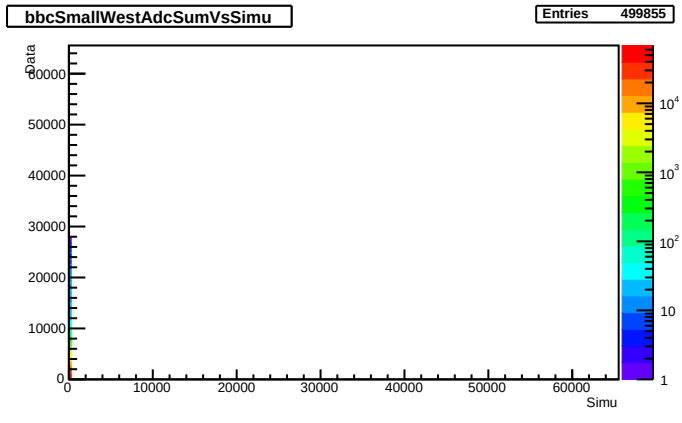

bbcSmallEastAdcSum
Entries 591306

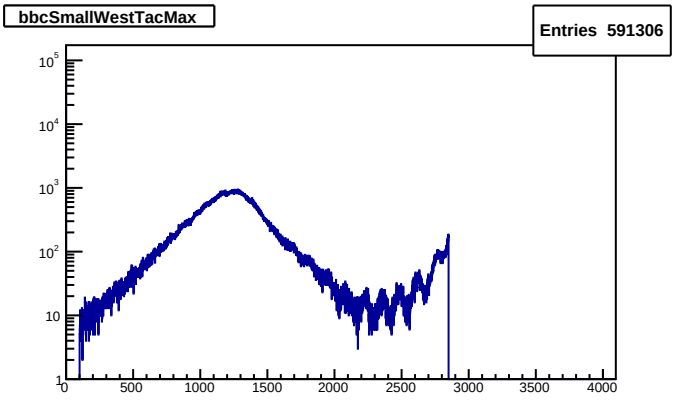

bbcSmallEastAdcSumVsSimu
Entries 369797
Data
Simu

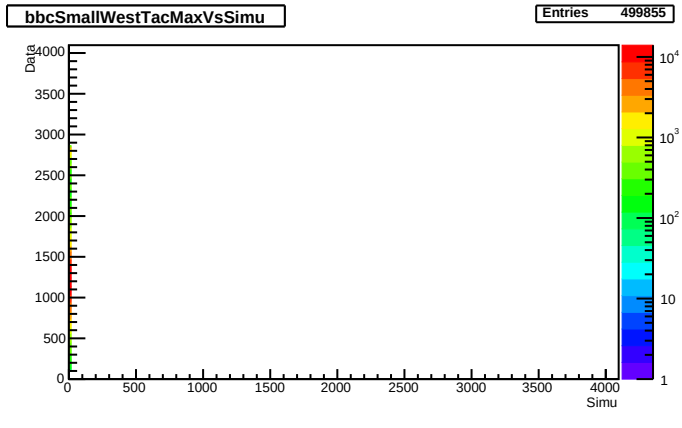

bbcSmallEastTacMax
Entries 591306

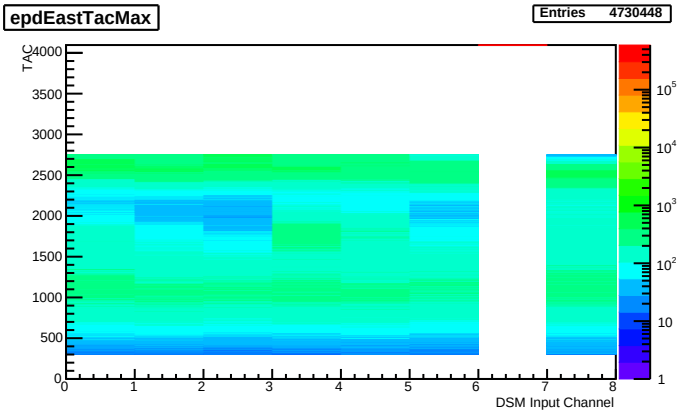

bbcSmallEastTacMaxVsSimu
Entries 369797
Data
Simu

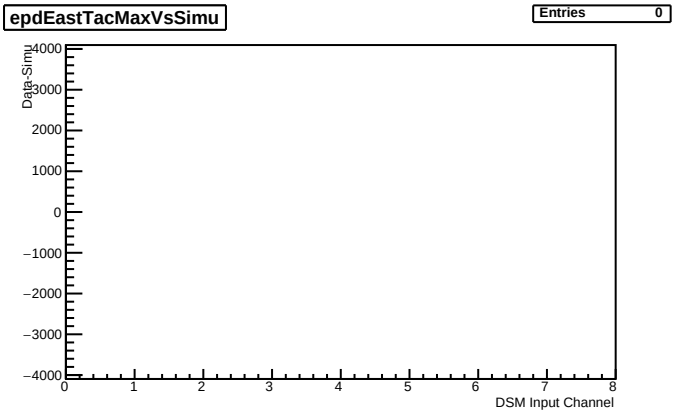

bbcSmallWestAdcSum
Entries 591306

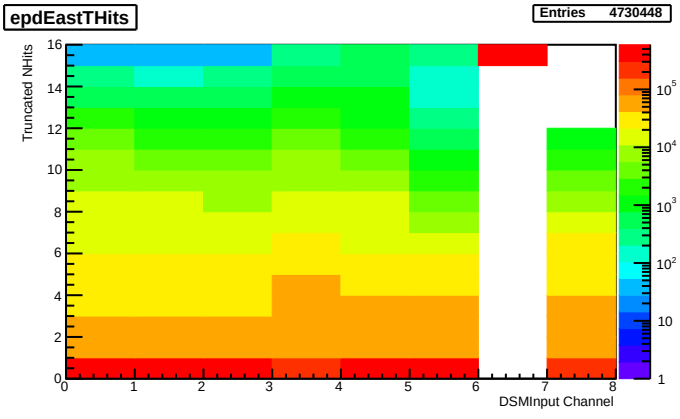

bbcSmallWestAdcSumVsSimu
Entries 499855
Data
Simu

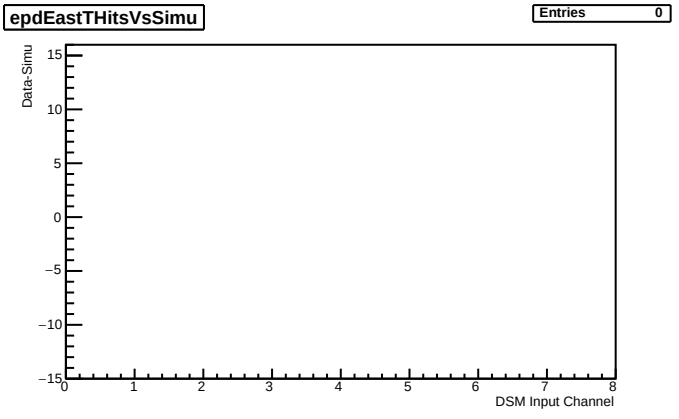

bbcSmallWestTacMax
Entries 591306

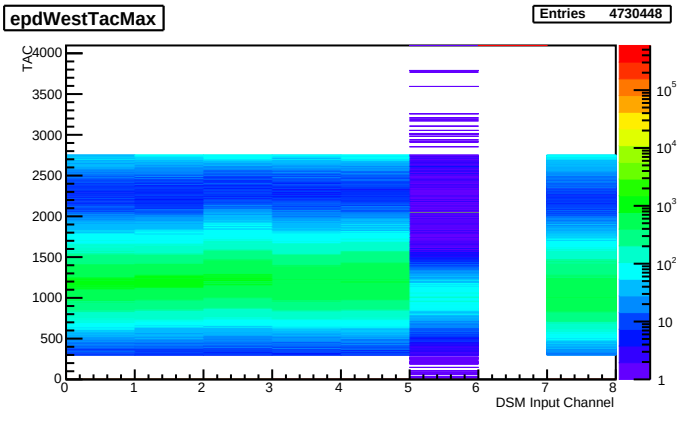

bbcSmallWestTacMaxVsSimu
Entries 499855
Data
Simu

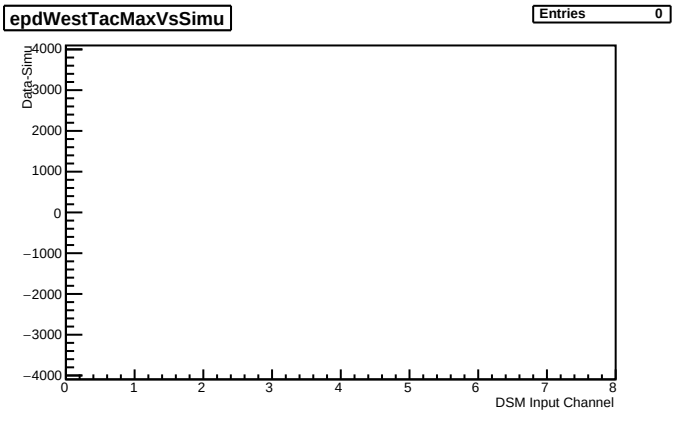

epdEastTacMax
Entries 4730448
TAC
DSM Input Channel

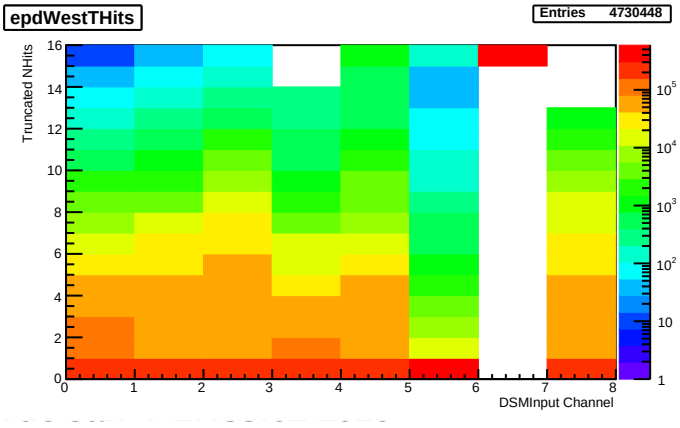

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

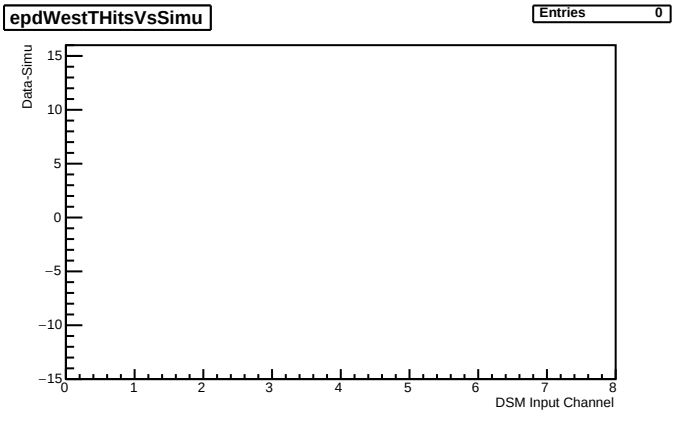

epdEastTHits
Entries 4730448
Truncated NHits
DSMInput Channel

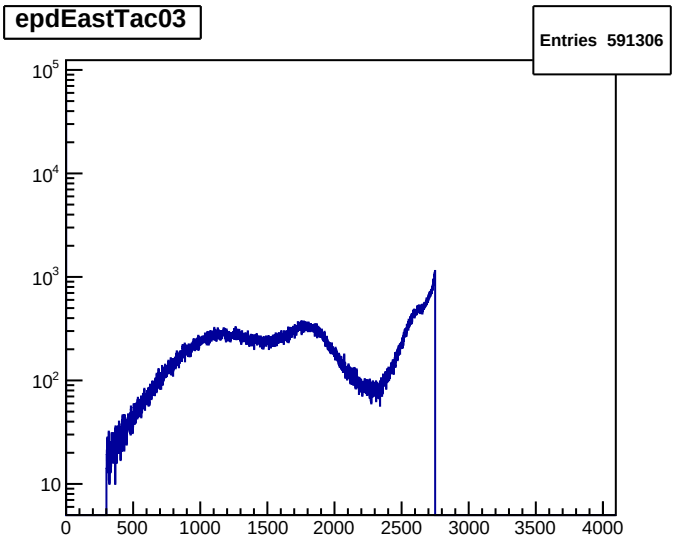

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

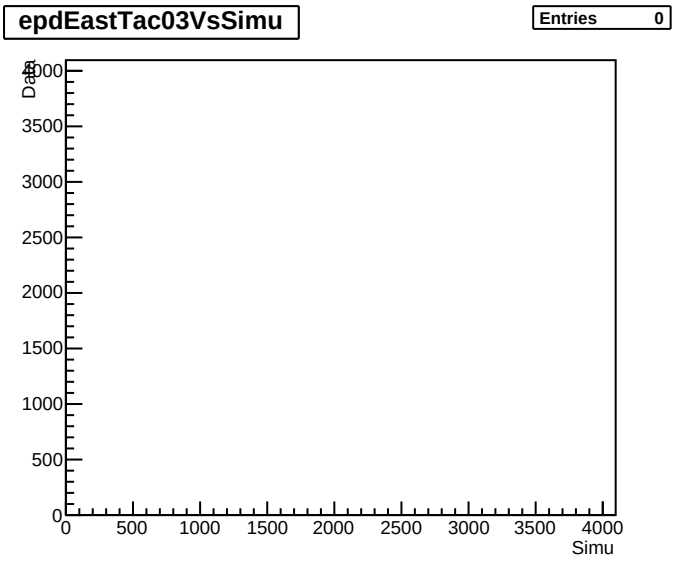

epdWestTacMax
Entries 4730448
TAC
DSM Input Channel

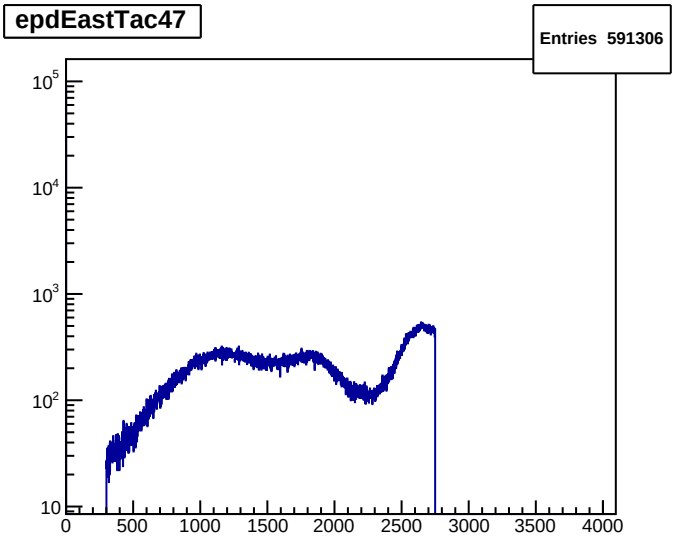

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

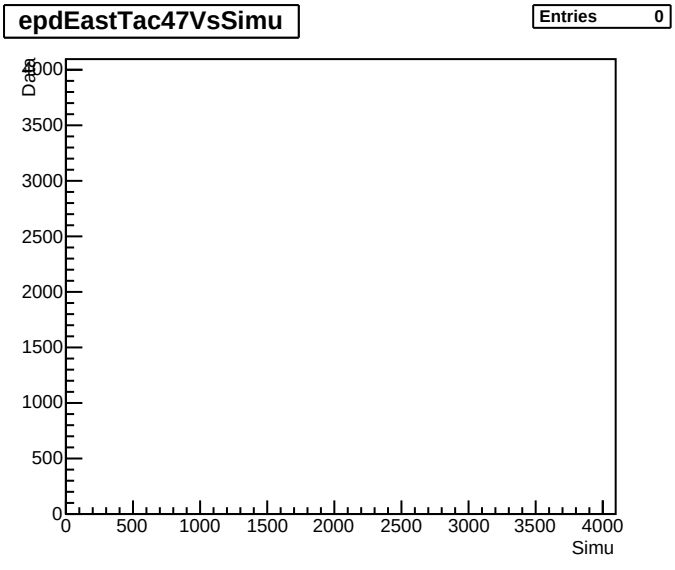

epdWestTHits
Entries 4730448
Truncated NHits
DSMInput Channel

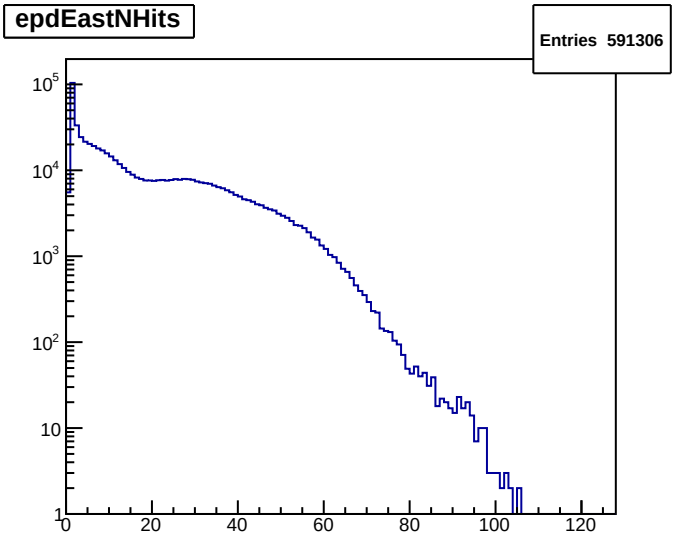

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

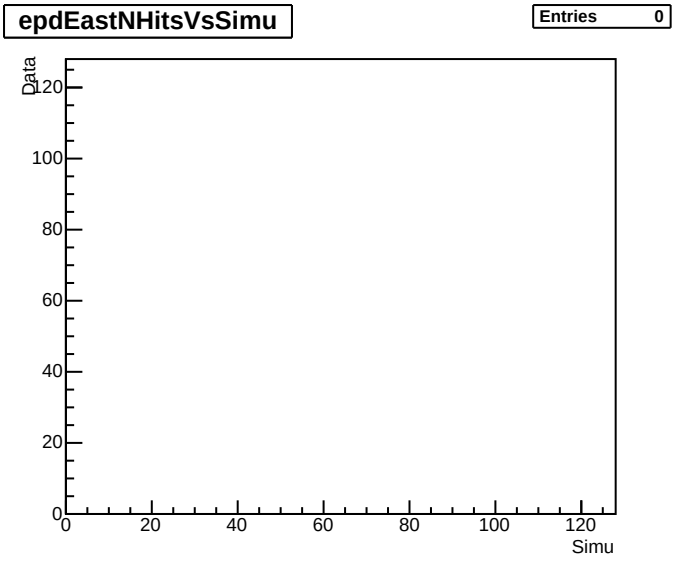

epdEastTac03
Entries 591306

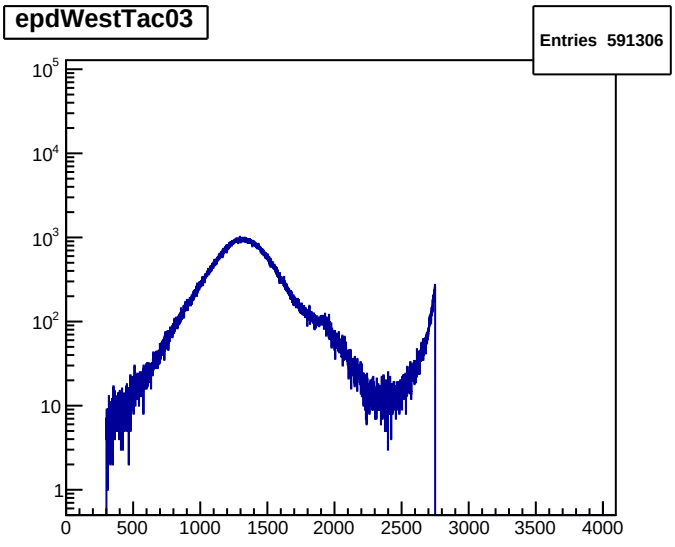

epdEastTac03VsSimu
Entries 0
Data
Simu

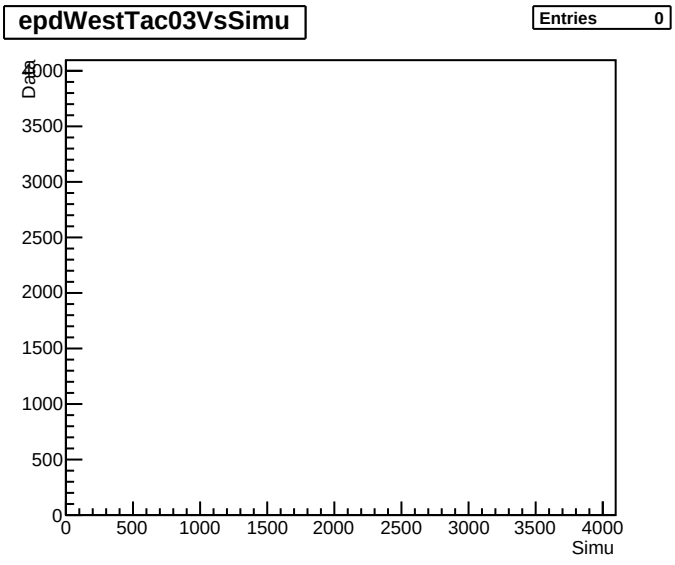

epdEastTac47
Entries 591306

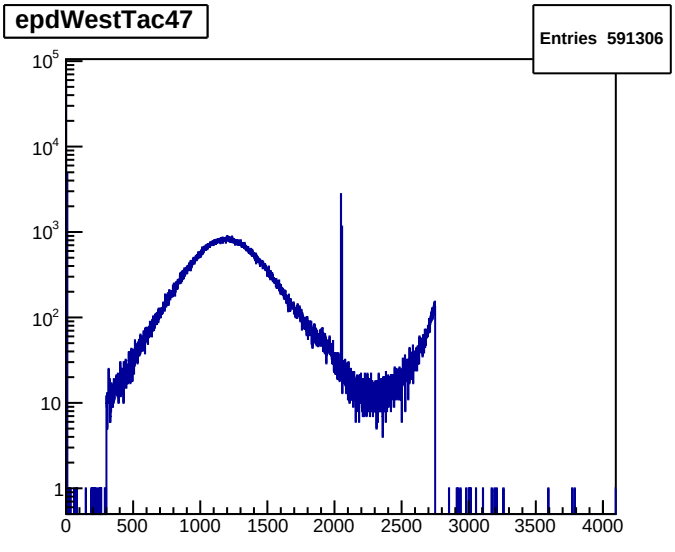

epdEastTac47VsSimu
Entries 0
Data
Simu

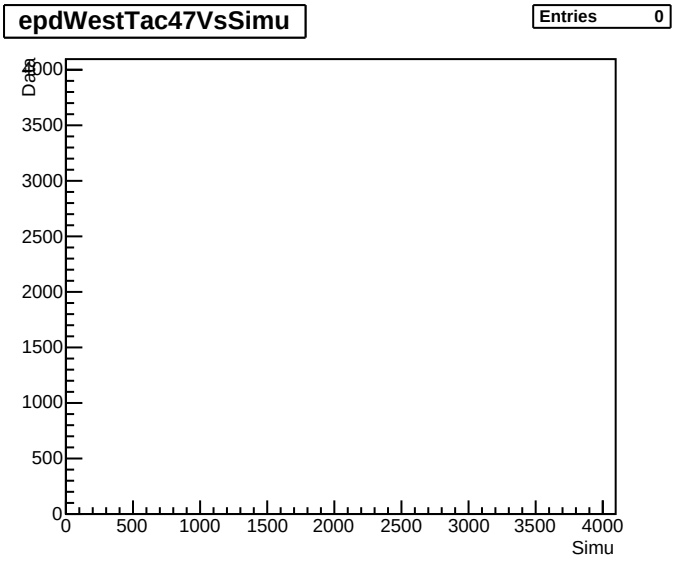

epdEastNHits
Entries 591306

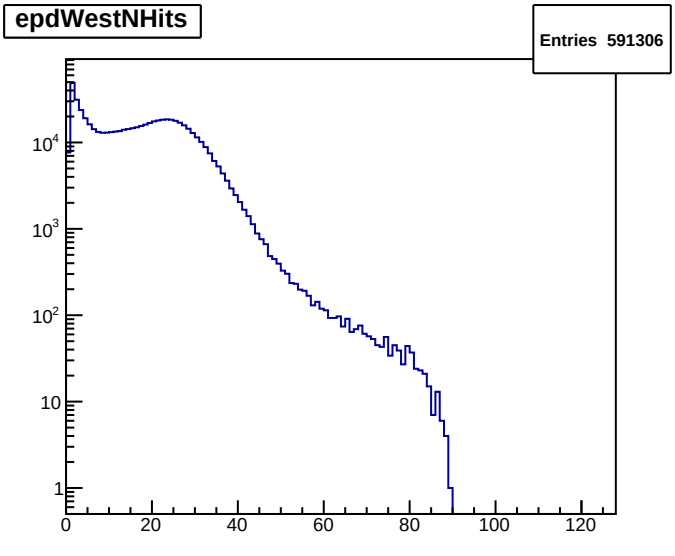

epdEastNHitsVsSimu
Entries 0
Data
Simu

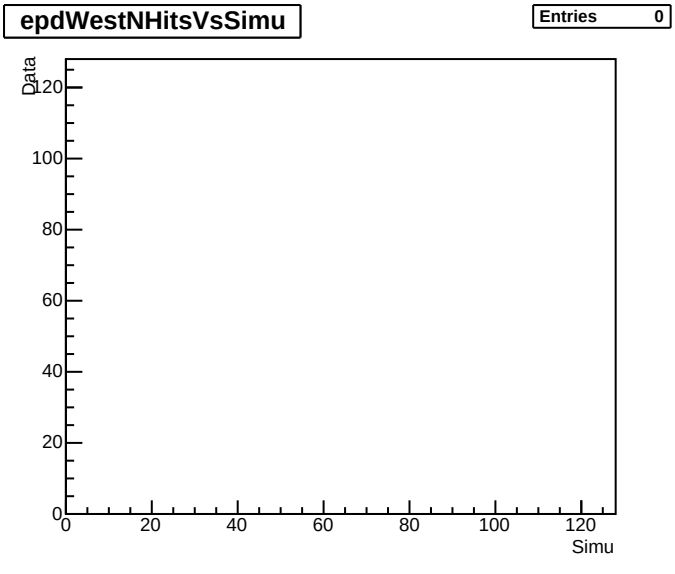

epdWestTac03
Entries 591306

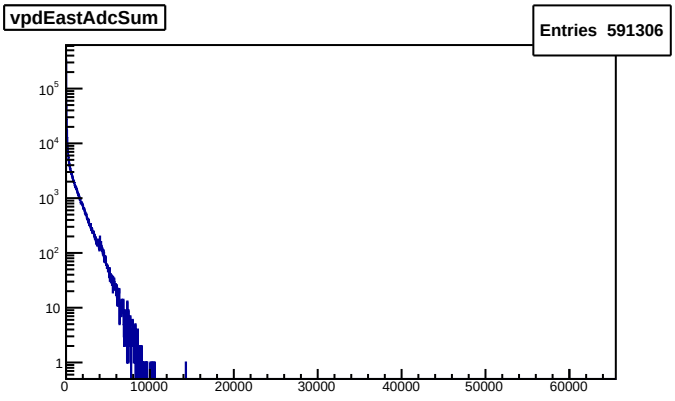

epdWestTac03VsSimu
Entries 0
Data
Simu

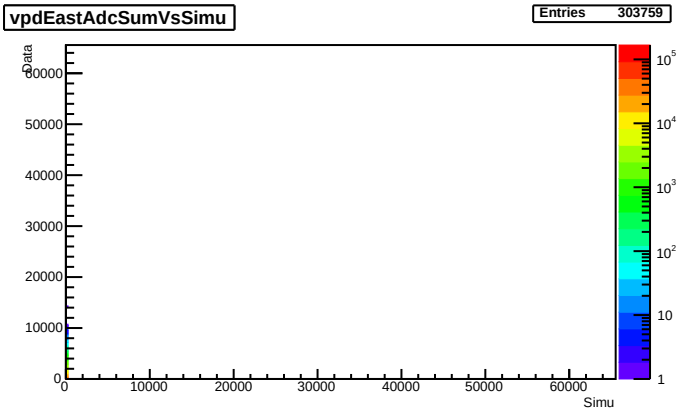

epdWestTac47
Entries 591306

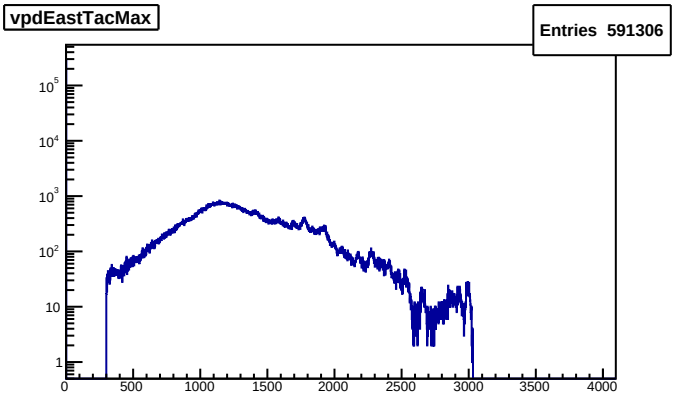

epdWestTac47VsSimu
Entries 0
Data
Simu

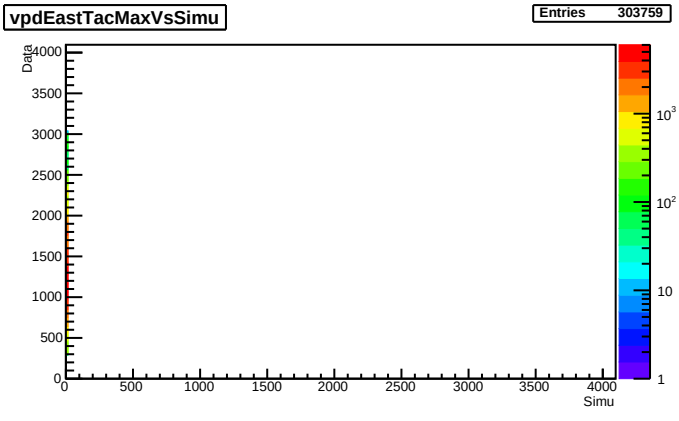

epdWestNHits
Entries 591306

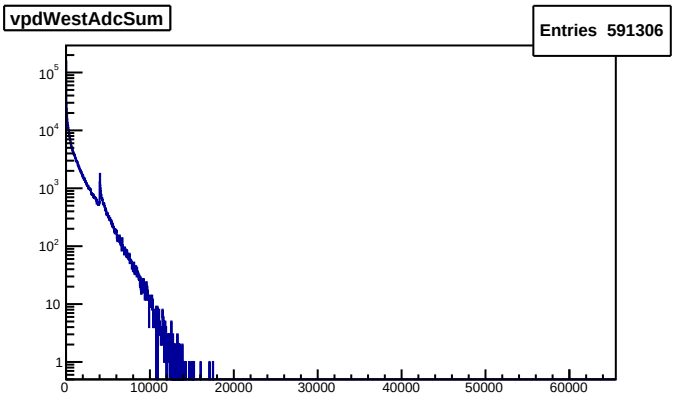

epdWestNHitsVsSimu
Entries 0
Data
Simu

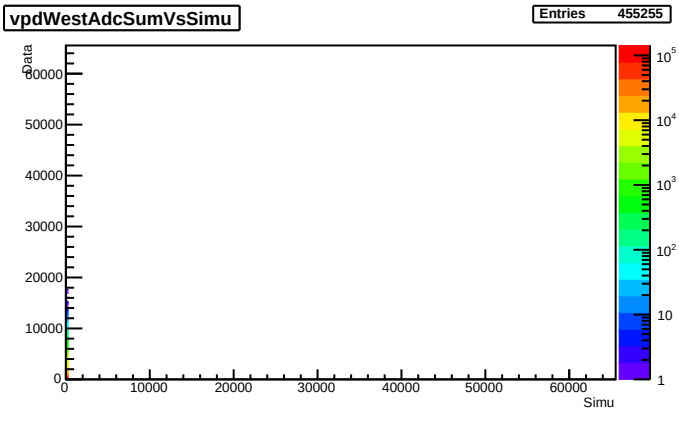

vpdEastAdcSum
Entries 591306

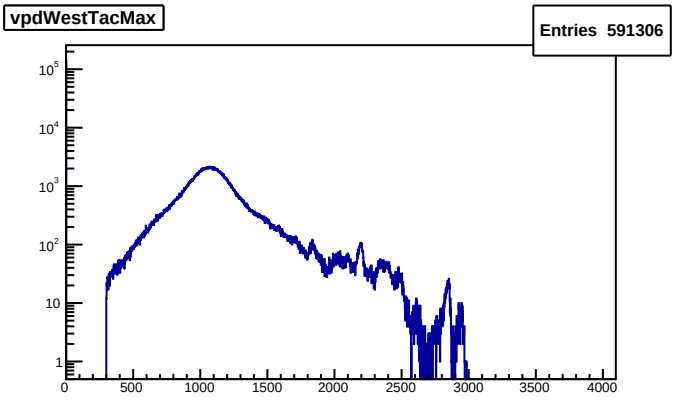

vpdEastAdcSumVsSimu
Entries 303759
Data
Simu

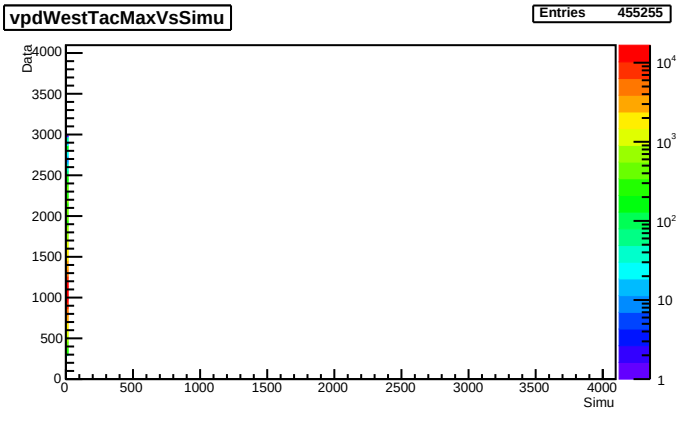

vpdEastTacMax
Entries 591306

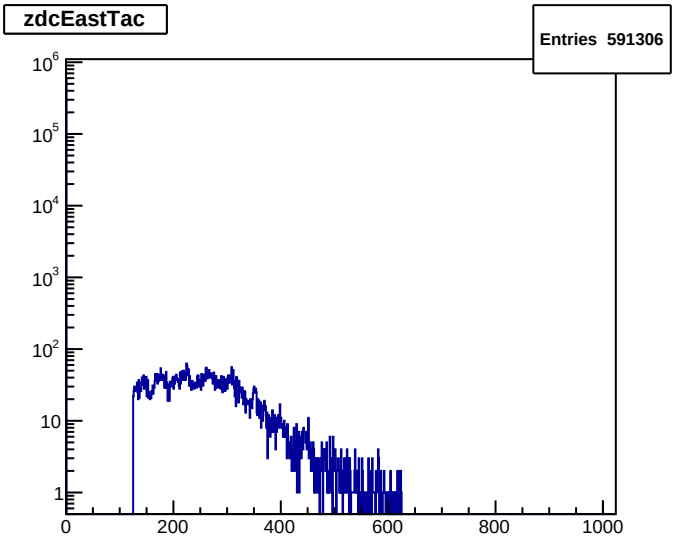

vpdEastTacMaxVsSimu
Entries 303759
Data
Simu

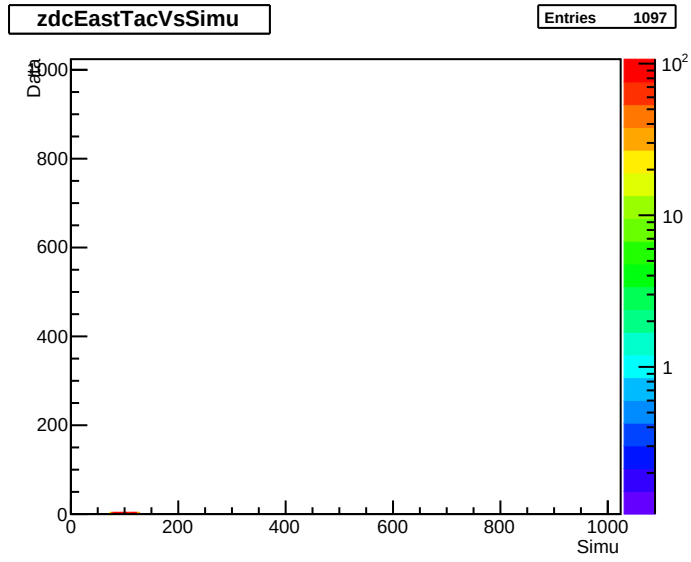

vpdWestAdcSum
Entries 591306

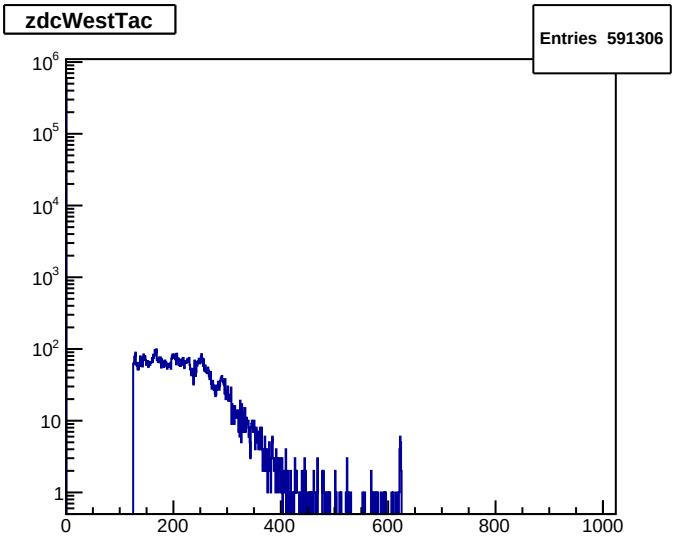

vpdWestAdcSumVsSimu
Entries 455255
Data
Simu

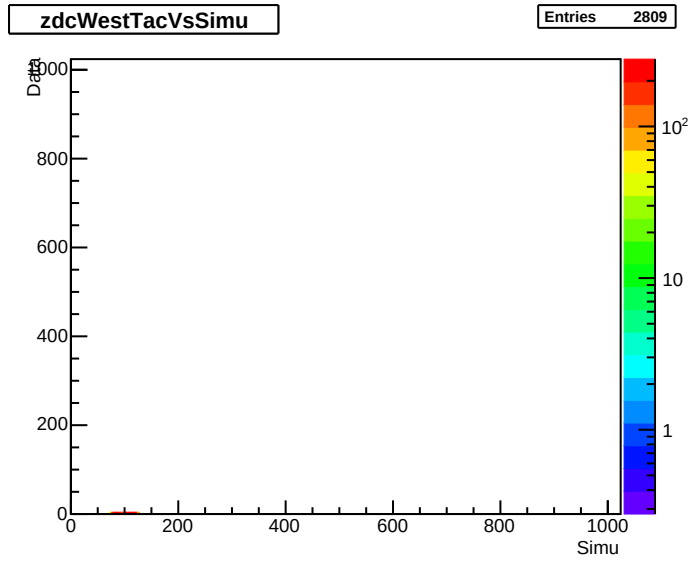

vpdWestTacMax
Entries 591306

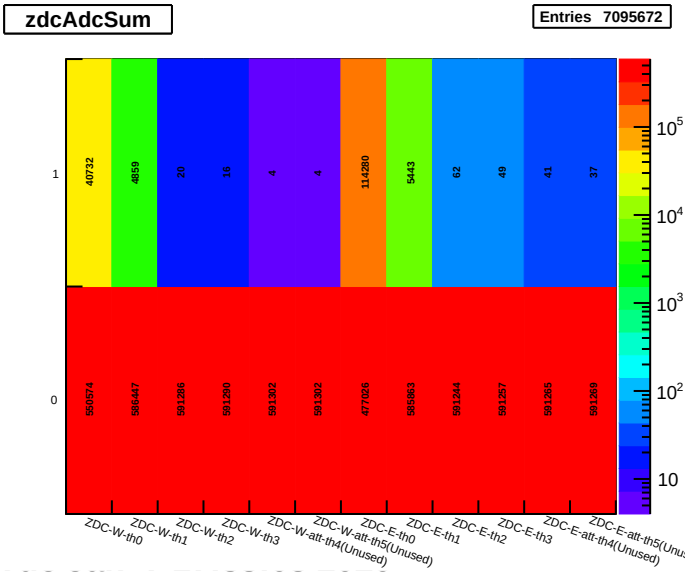

vpdWestTacMaxVsSimu
Entries 455255
Data
Simu

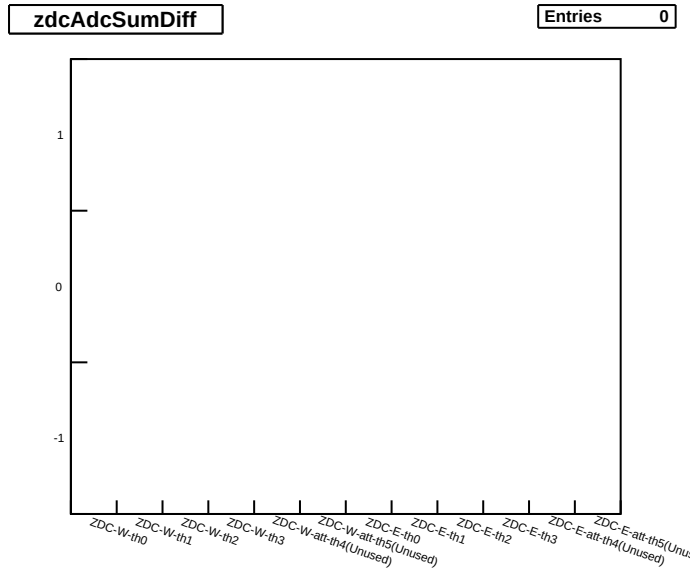

zdcEastTac
Entries 591306

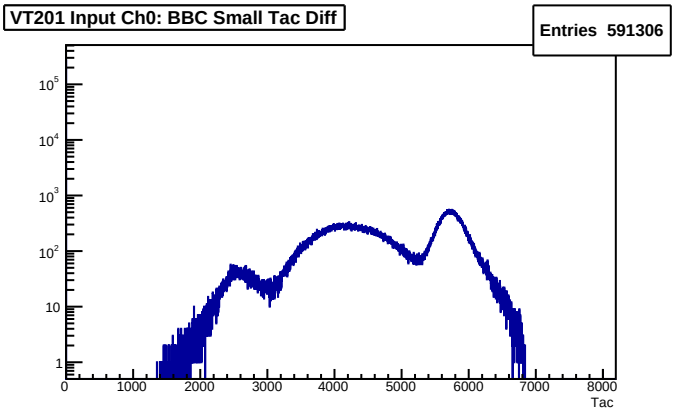

zdcEastTacVsSimu
Entries 1097
Data
Simu

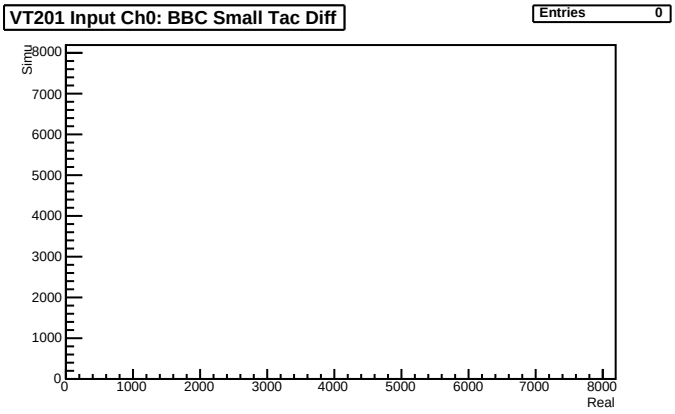

zdcWestTac
Entries 591306

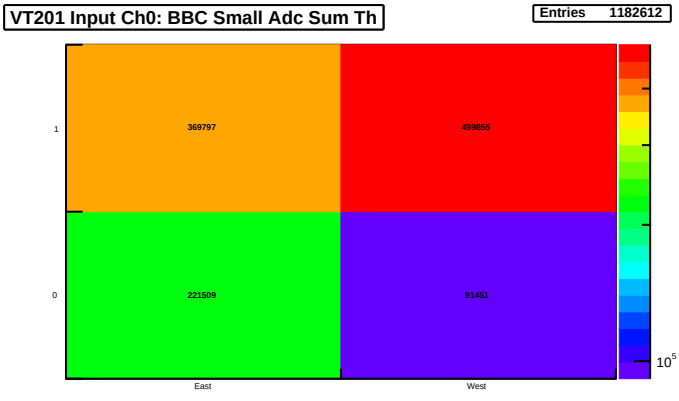

zdcWestTacVsSimu
Entries 2809
Data
Simu

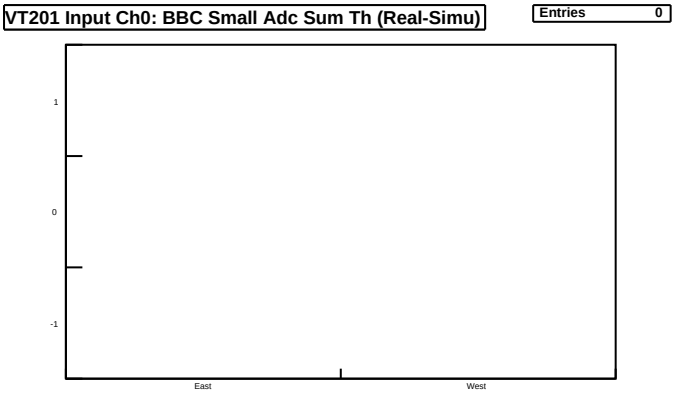

zdcAdcSum
Entries 7095672
40732
4859
20
16
4
4
114280
5443
62
49
41
37
550574
586447
591286
591290
591302
591302
477026
585863
591244
591257
591265
591289
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

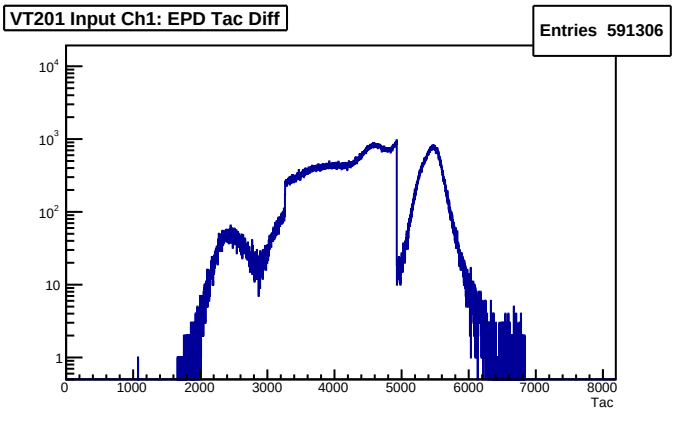

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

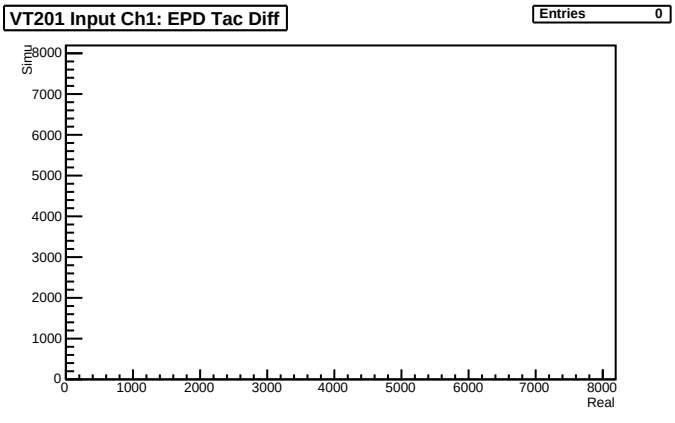

VT201 Input Ch0: BBC Small Tac Diff
Entries 591306
Tac

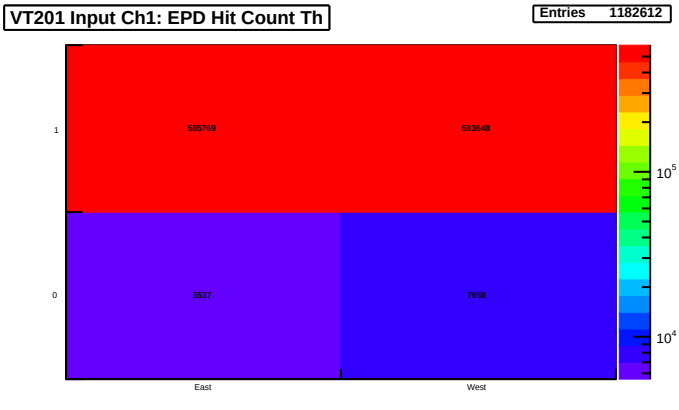

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

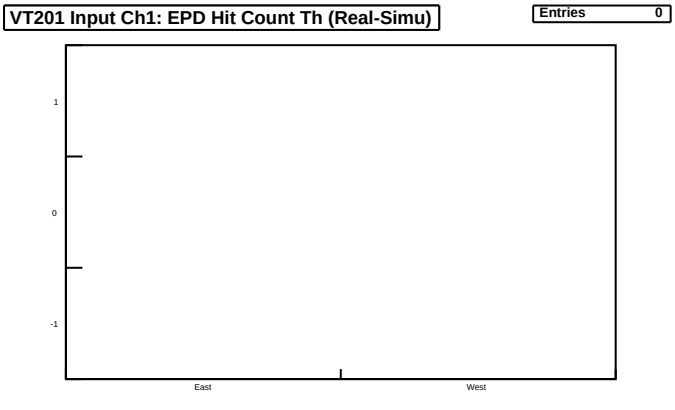

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1182612
369797
499855
221509
91451
East
West

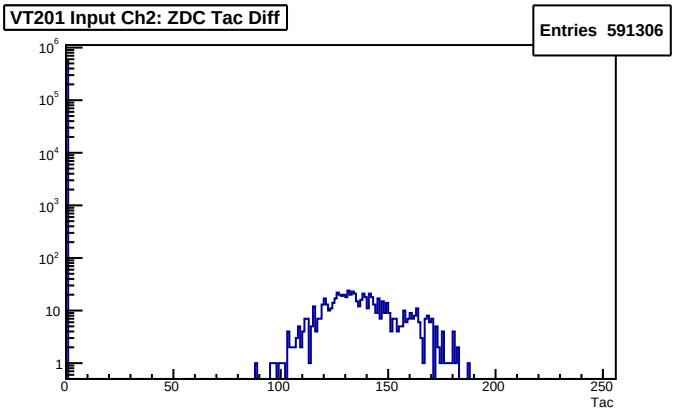

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

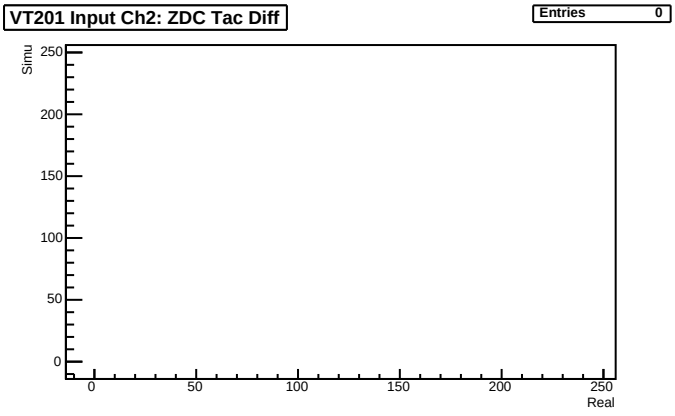

VT201 Input Ch1: EPD Tac Diff
Entries 591306
Tac

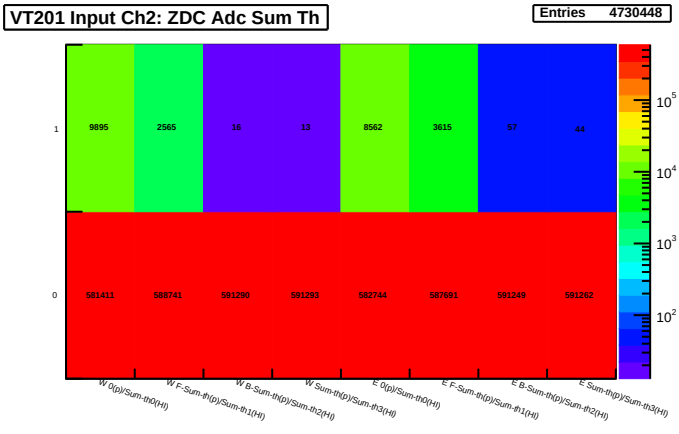

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

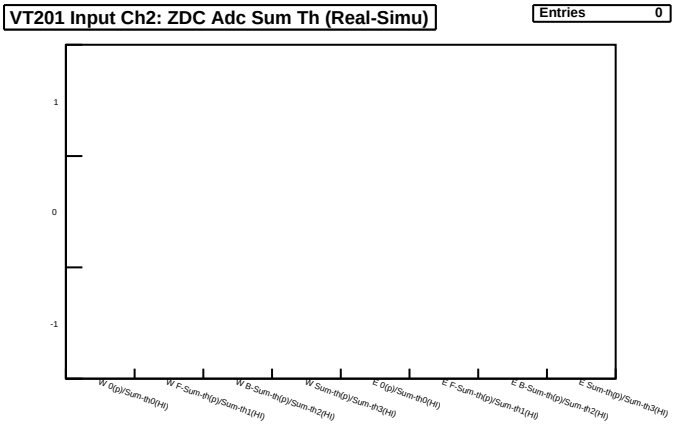

VT201 Input Ch1: EPD Hit Count Th
Entries 1182612
585769
583648
5537
7658
East
West

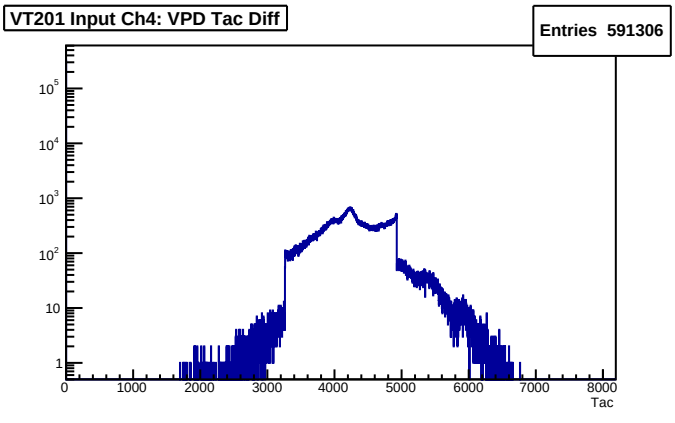

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

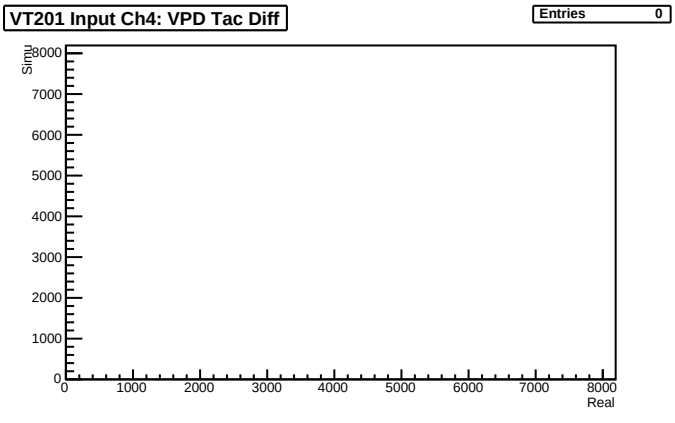

VT201 Input Ch2: ZDC Tac Diff
Entries 591306
Tac

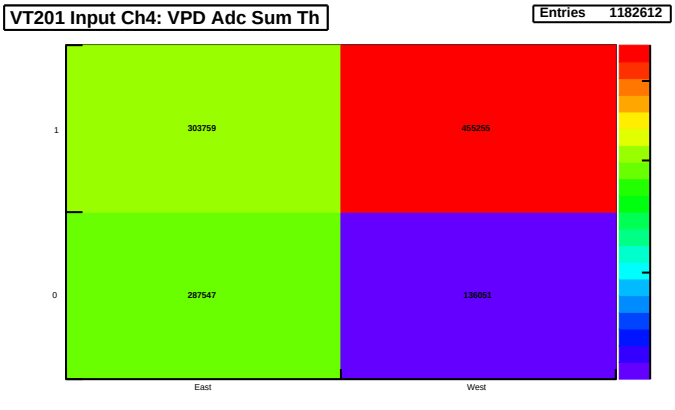

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

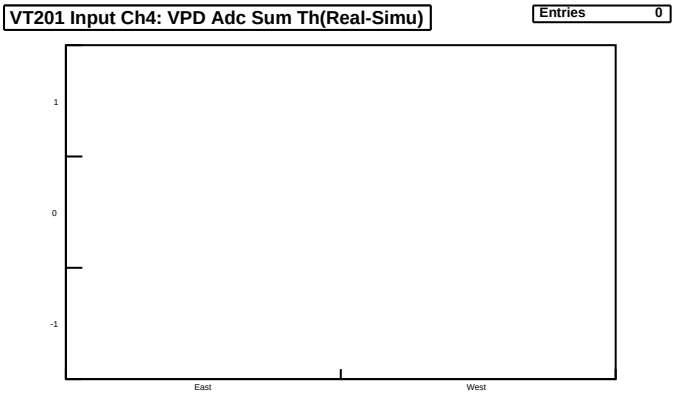

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4730448
9895
2565
16
13
8562
3615
57
44
581411
588741
591290
591293
582744
587691
591249
591262
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

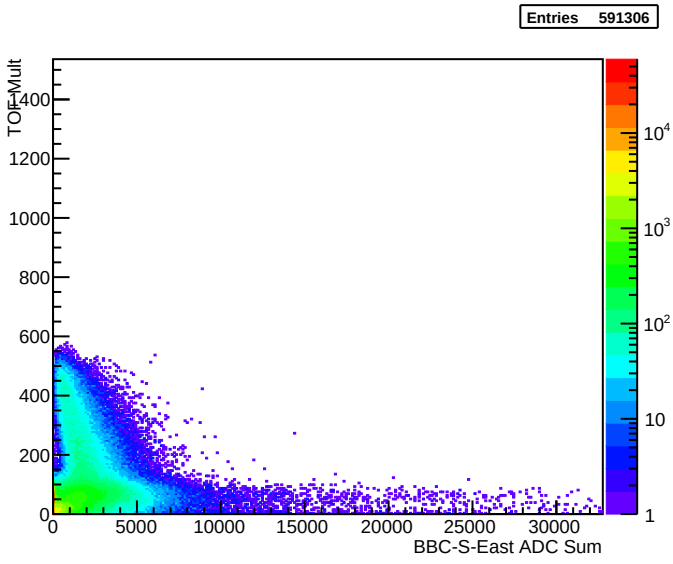

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

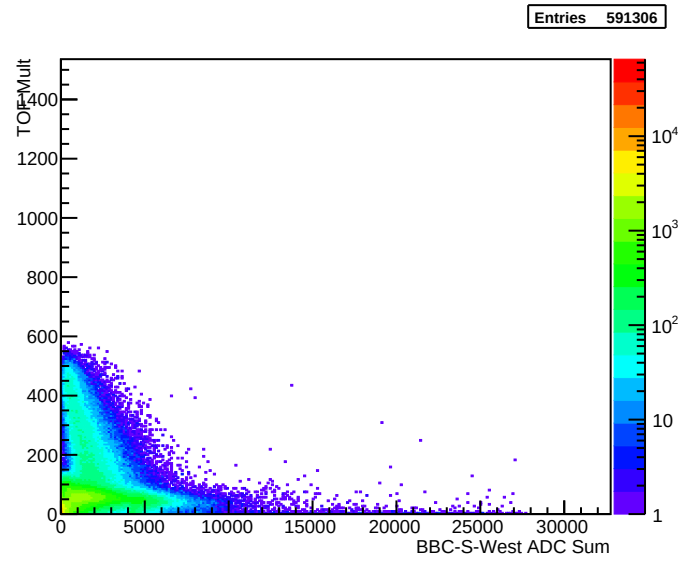

VT201 Input Ch4: VPD Tac Diff
Entries 591306
Tac

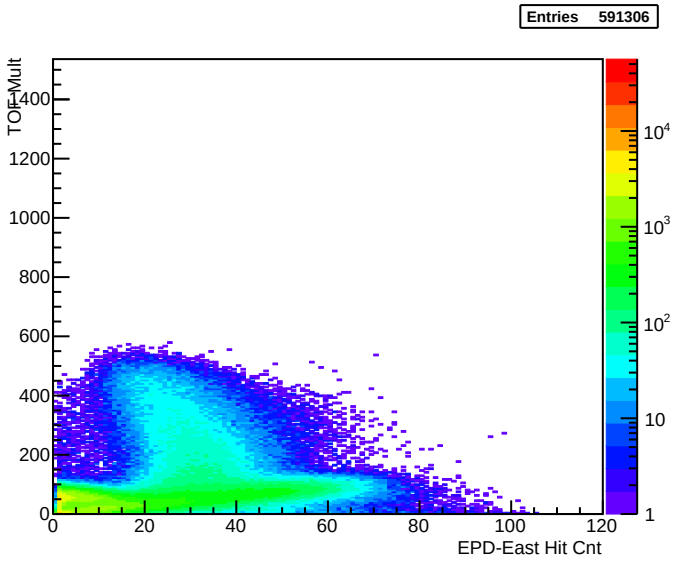

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

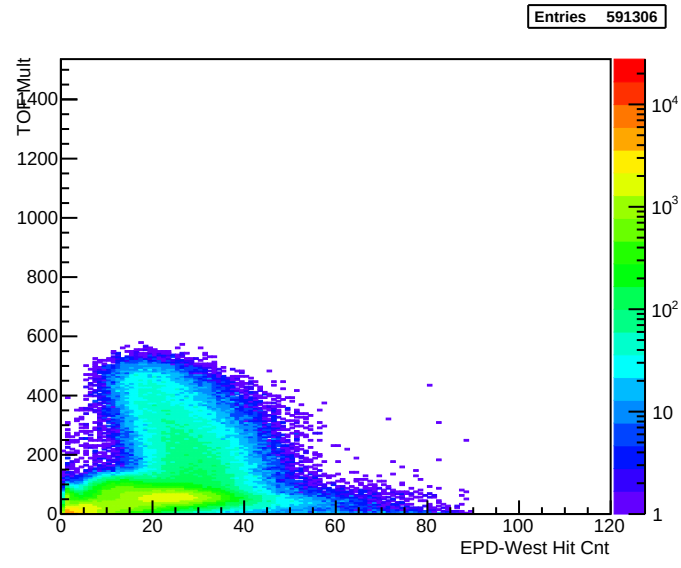

VT201 Input Ch4: VPD Adc Sum Th
Entries 1182612
303759
455255
287547
136051
East
West

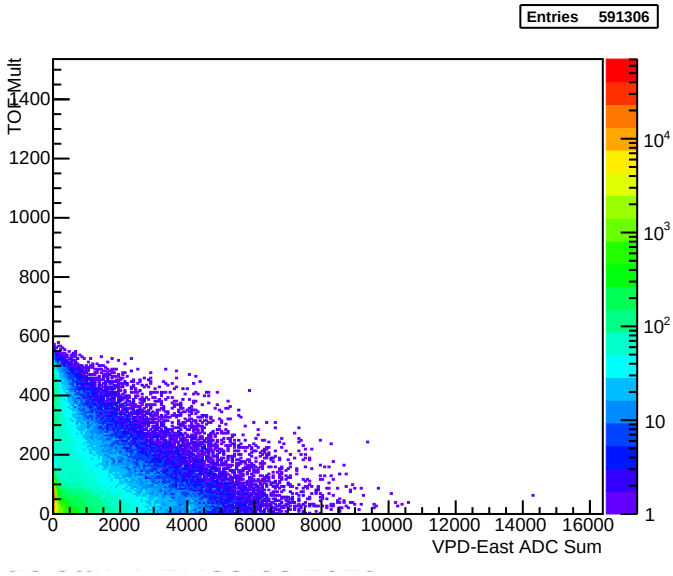

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

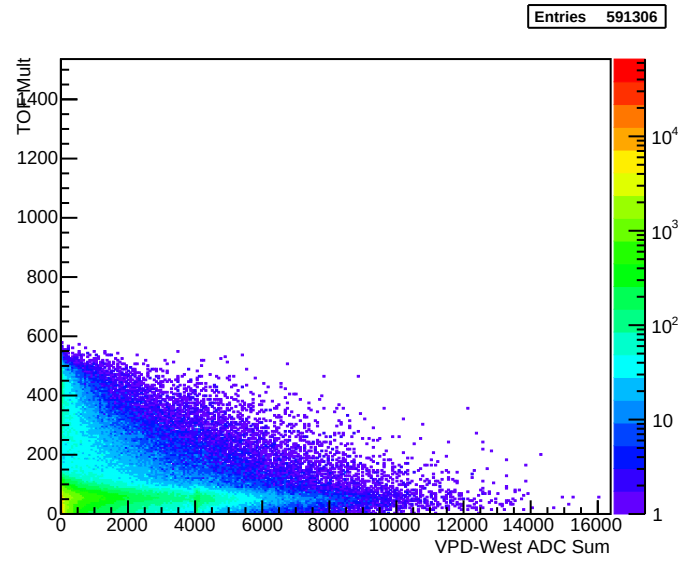

Entries 591306
TOF-Mult
BBC-S-East ADC Sum

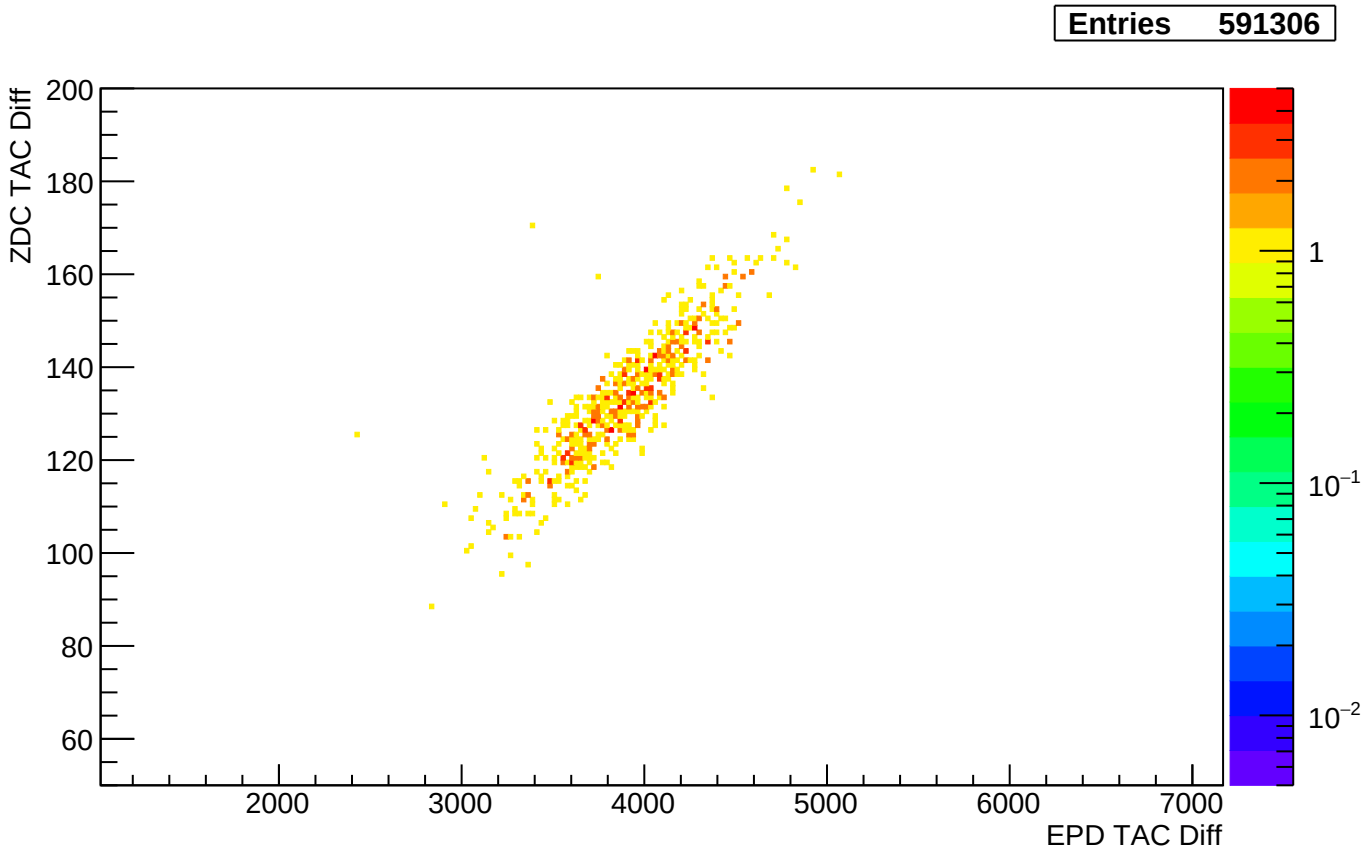

Entries 591306
TOF-Mult
BBC-S-West ADC Sum

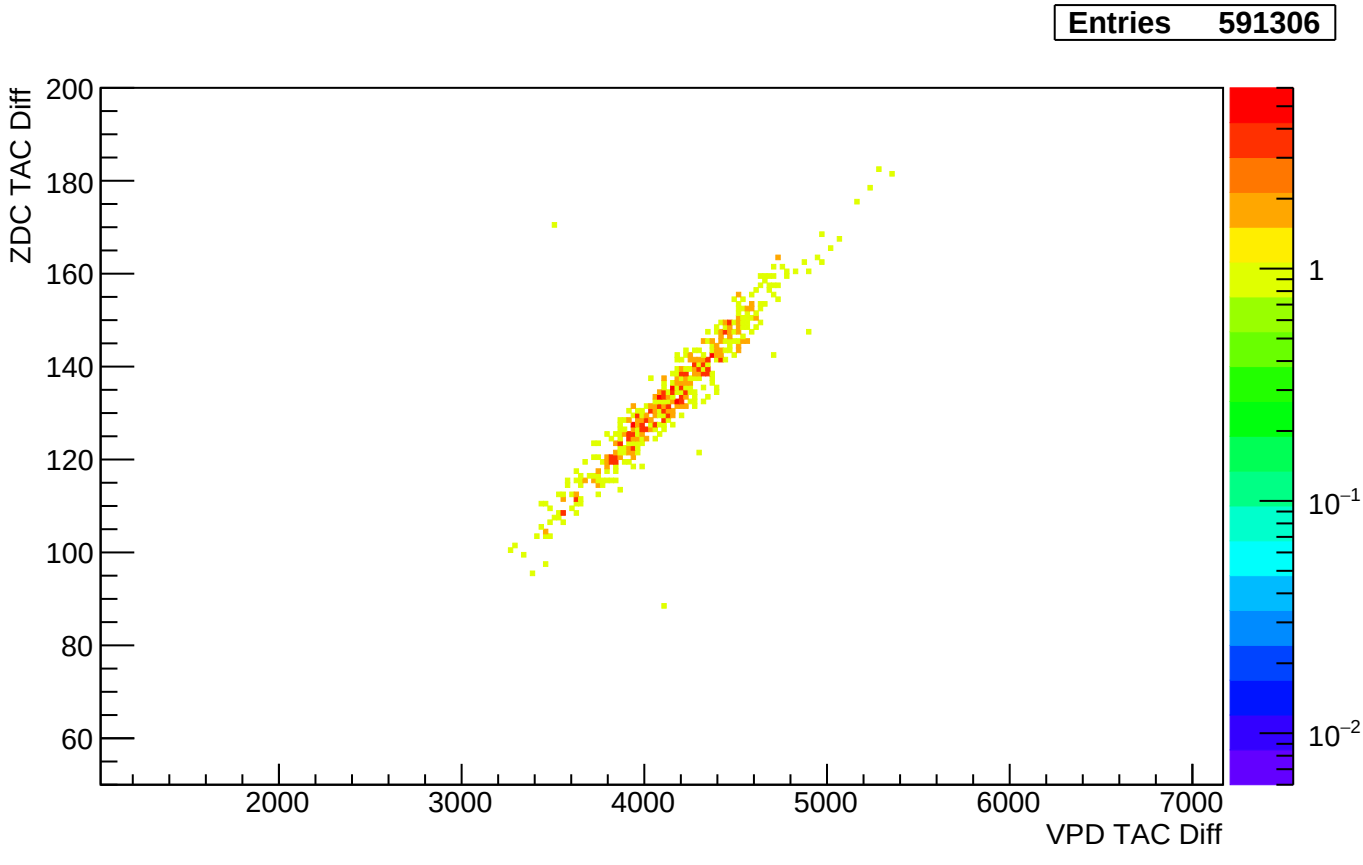

Entries 591306
TOF-Mult
EPD-East Hit Cnt

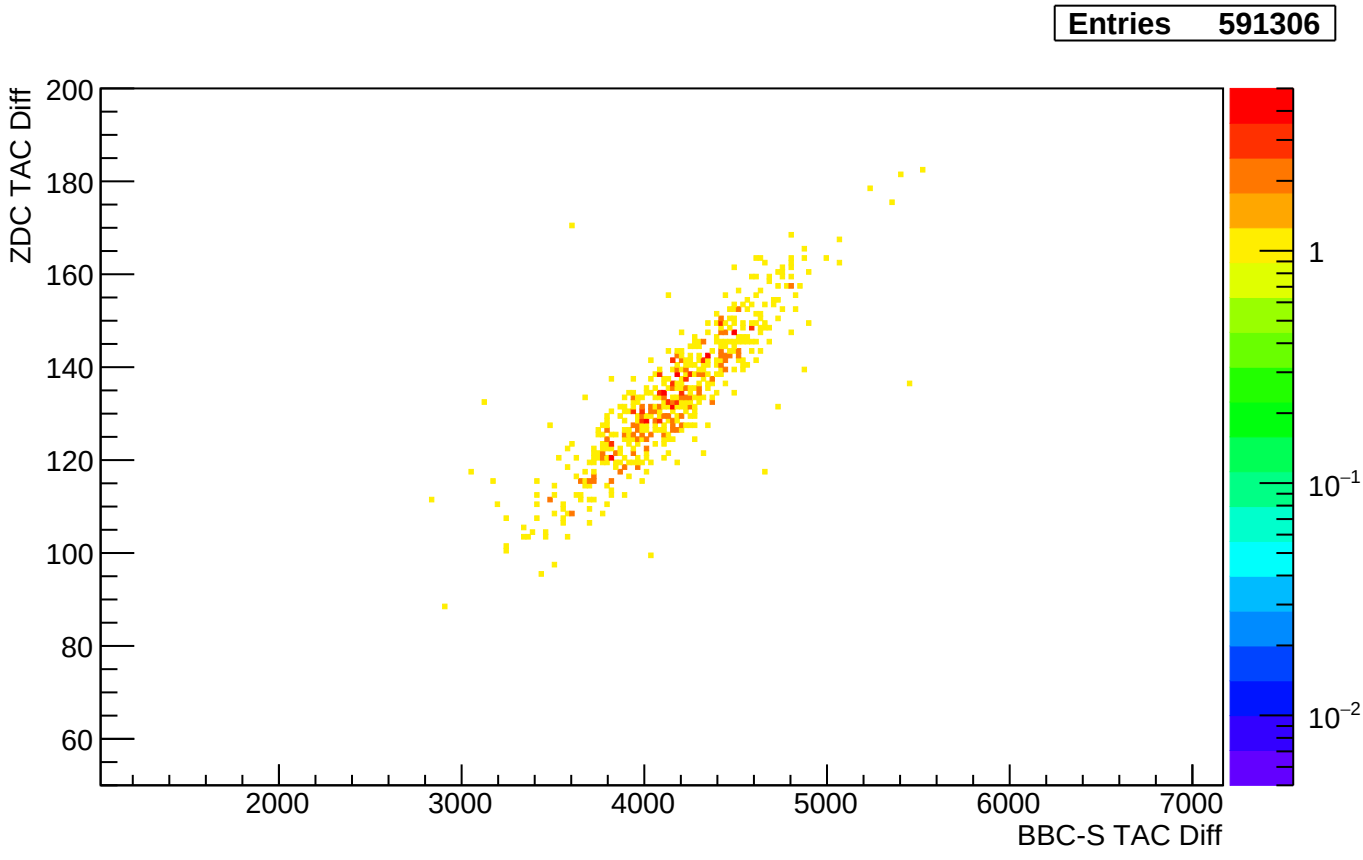

Entries 591306
TOF-Mult
EPD-West Hit Cnt

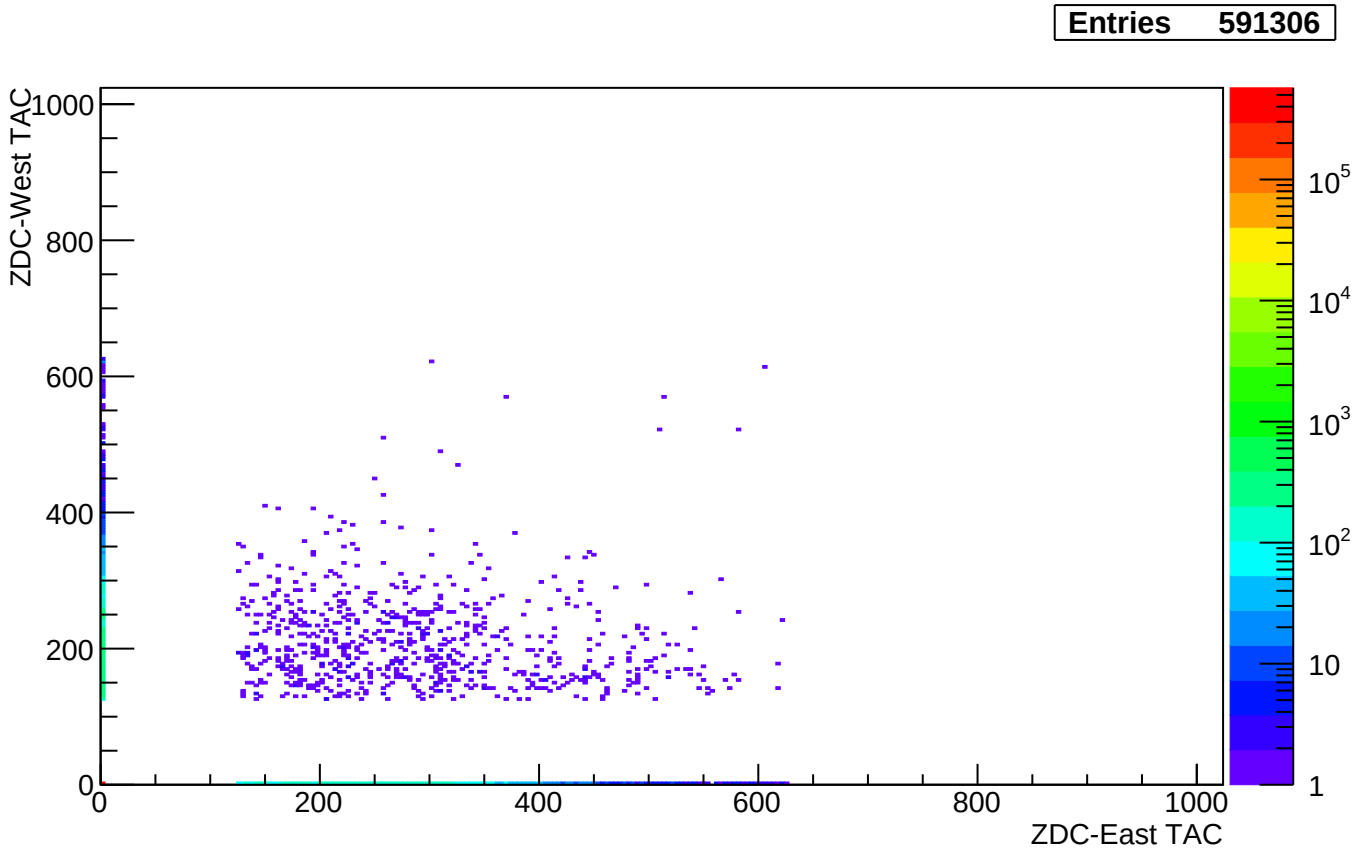

Entries 591306
TOF-Mult
VPD-East ADC Sum

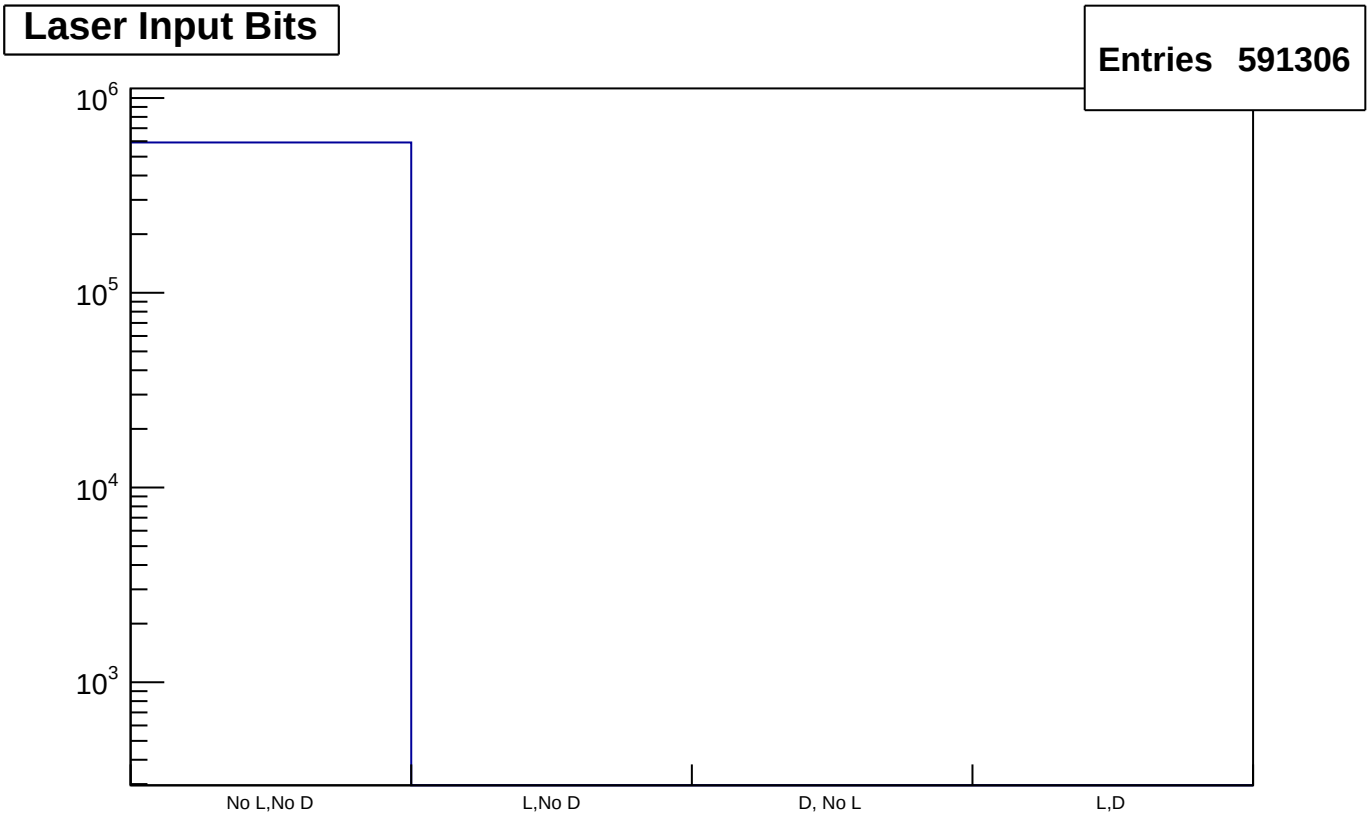

Entries 591306
TOF-Mult
VPD-West ADC Sum

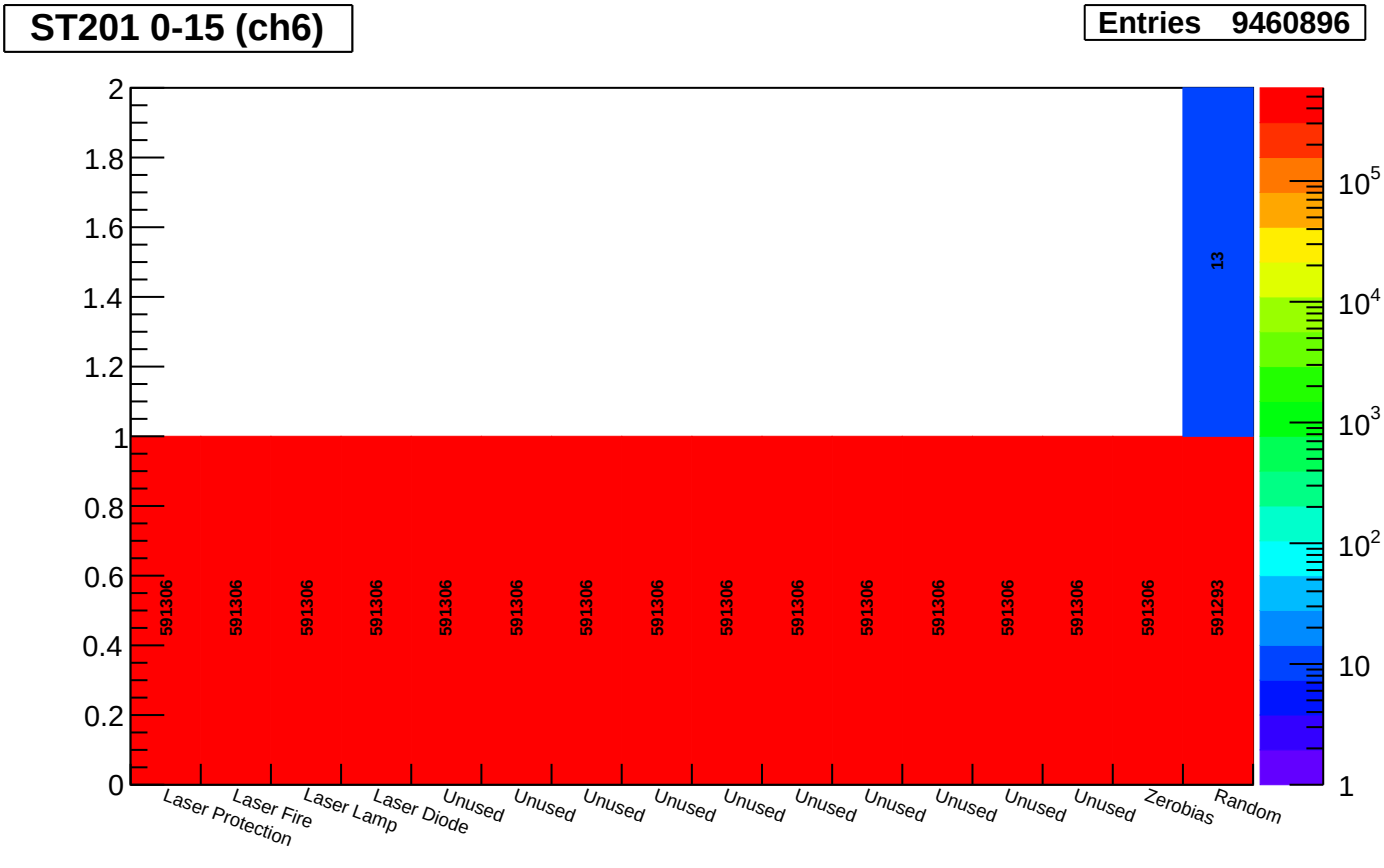

Entries 591306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

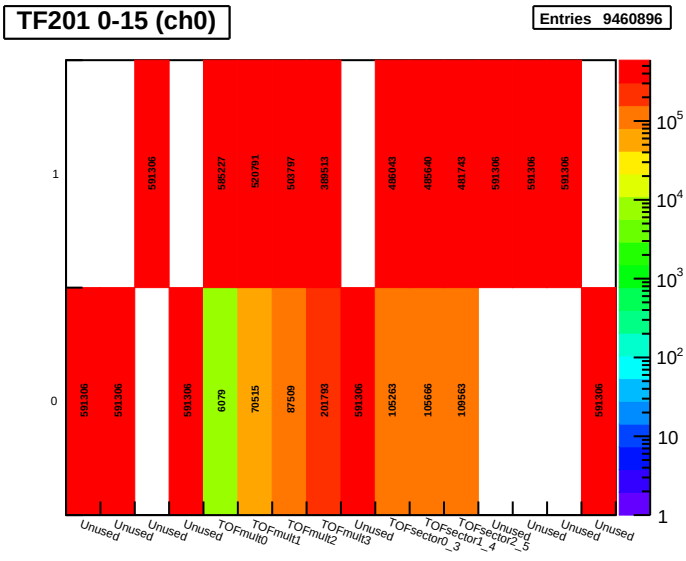

Entries 591306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

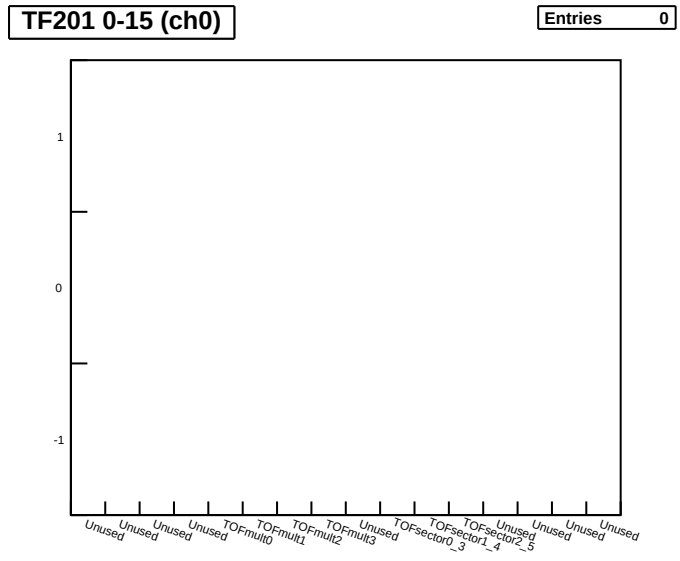

Entries 591306
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

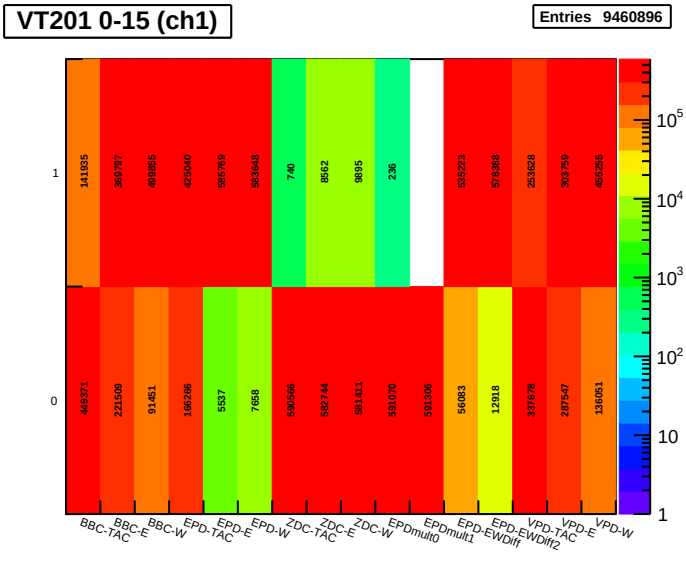

Entries 591306
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

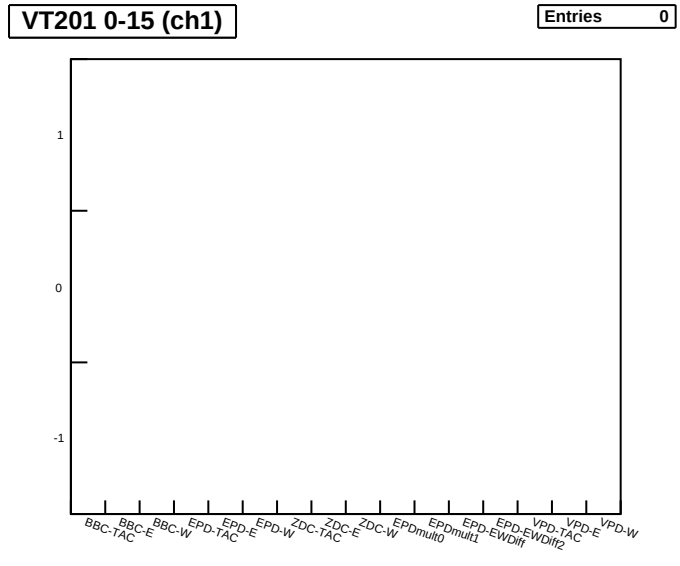

Laser Input Bits
Entries 591306
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

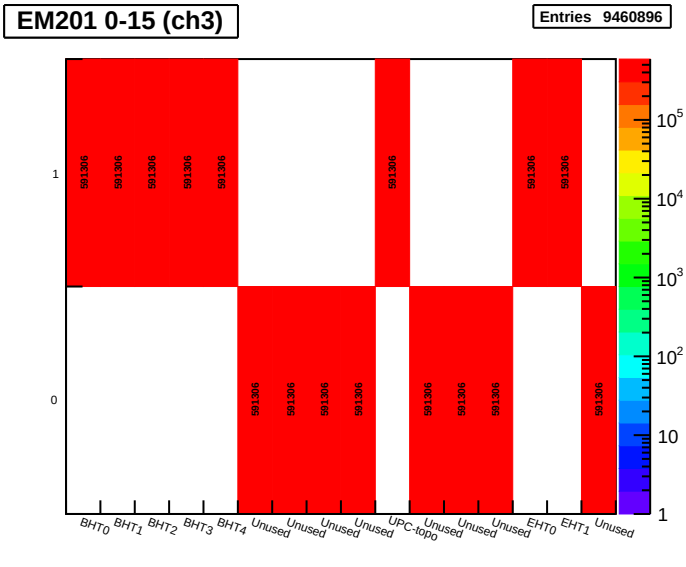

ST201 0-15 (ch6)
Entries 9460896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
591306
591293
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

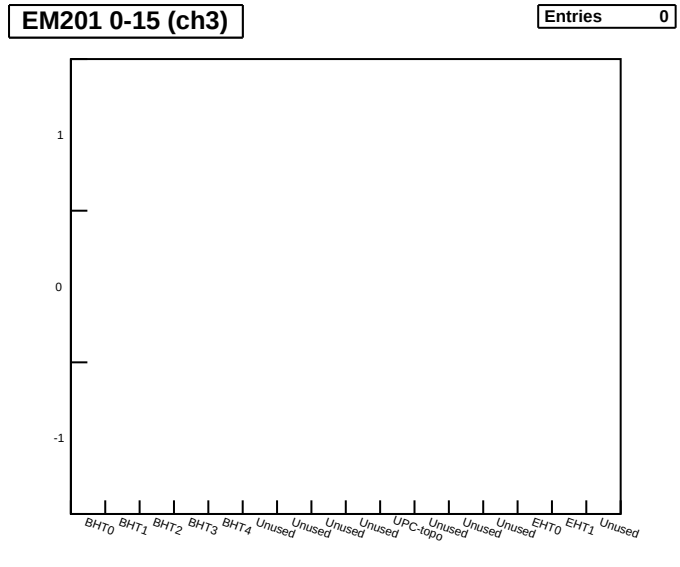

TF201 0-15 (ch0)
Entries 9460896
1
0
591306 591306 591306 6079 70515 87509 201793 591306 105263 105666 109563 591306
591306 520791 503797 389513 486043 485640 481743 591306 591306 591306
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 9460896
1
0
449371 221509 91451 166266 5537 7658 590566 582744 581411 591070 591396 56083 12918 337678 287547 136051
141935 369797 499855 425040 585769 583648 740 8562 9895 236 535223 578388 253628 303759 455255
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 9460896
1
0
591306 591306 591306 591306 591306 591306 591306 591306
591306 591306 591306 591306 591306 591306 591306 591306
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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