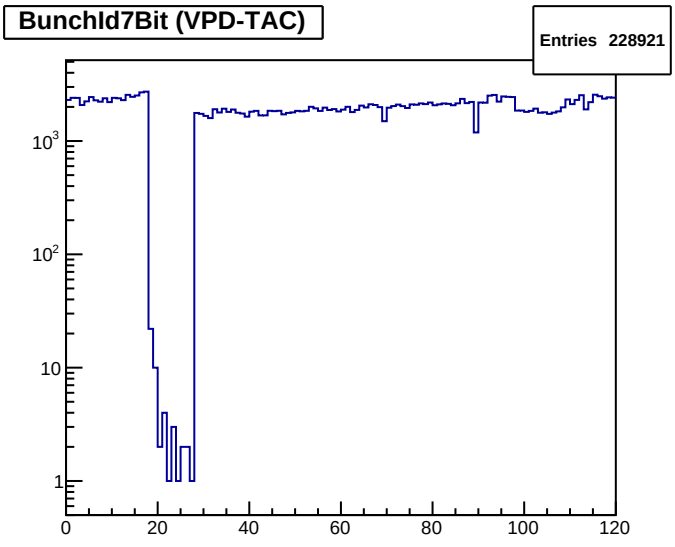
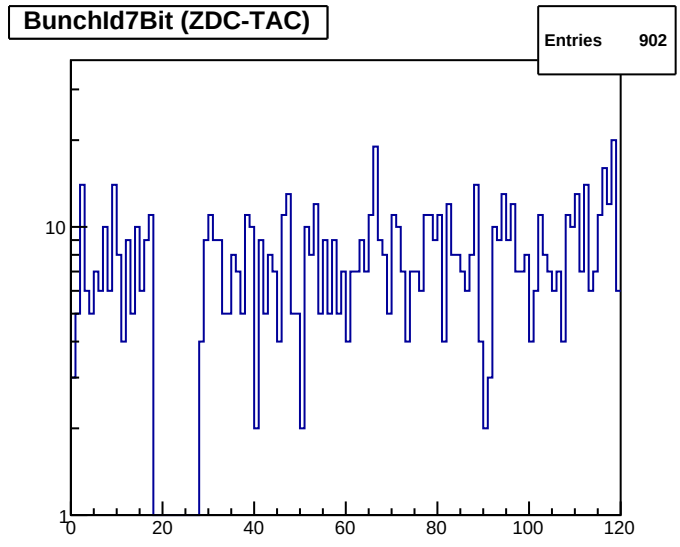
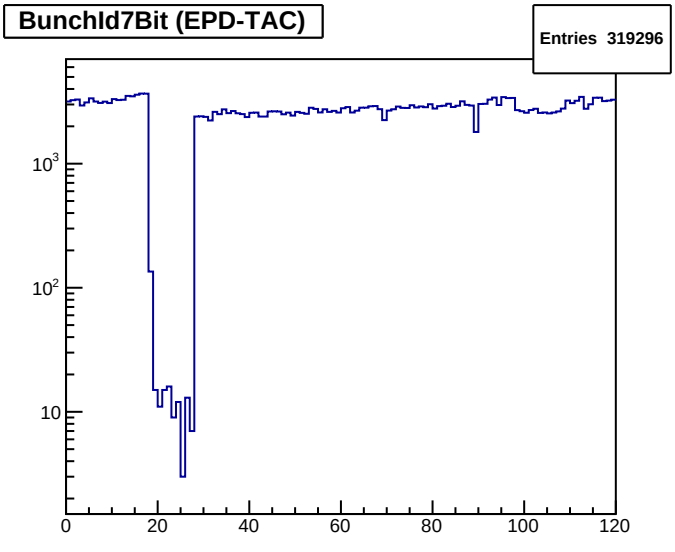
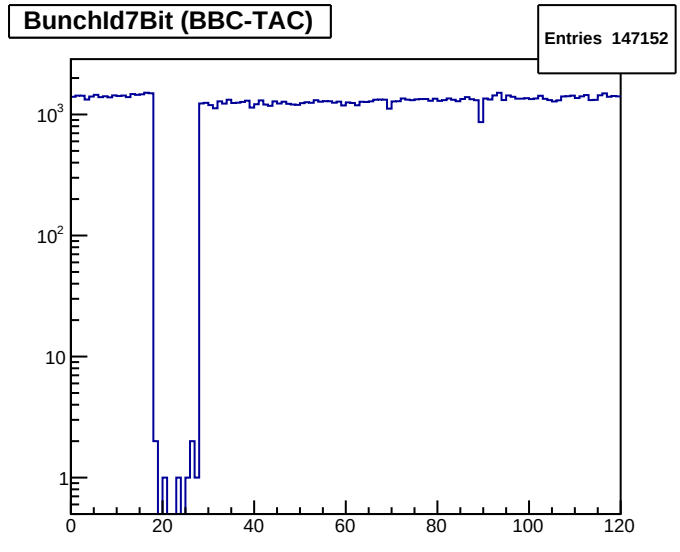
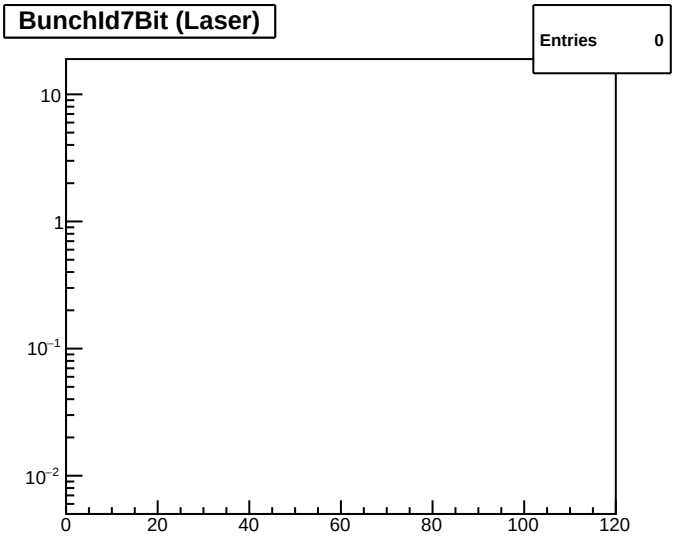
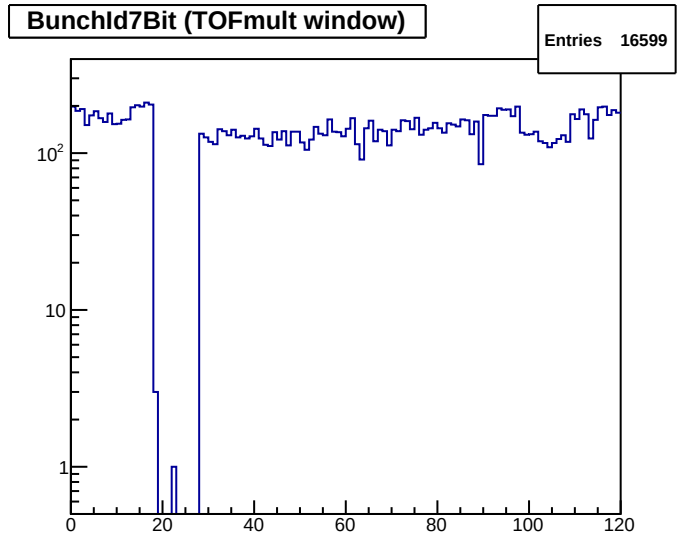

BunchId7Bit (VPD-TAC)
Entries 228921

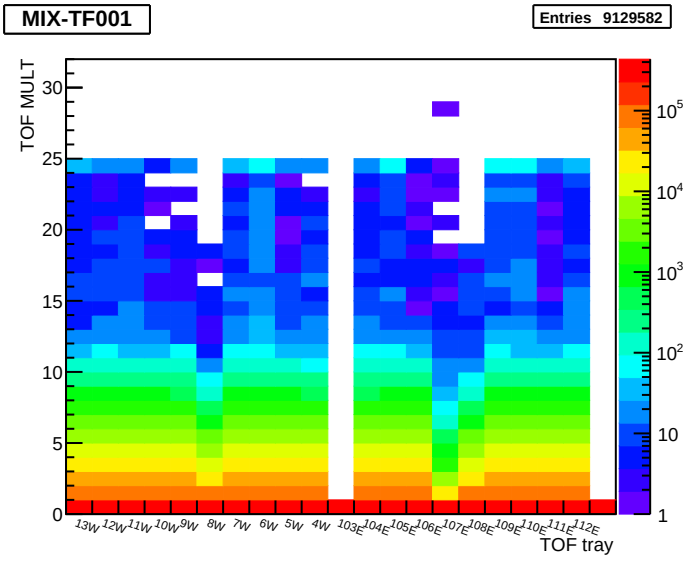

BunchId7Bit (ZDC-TAC)
Entries 902

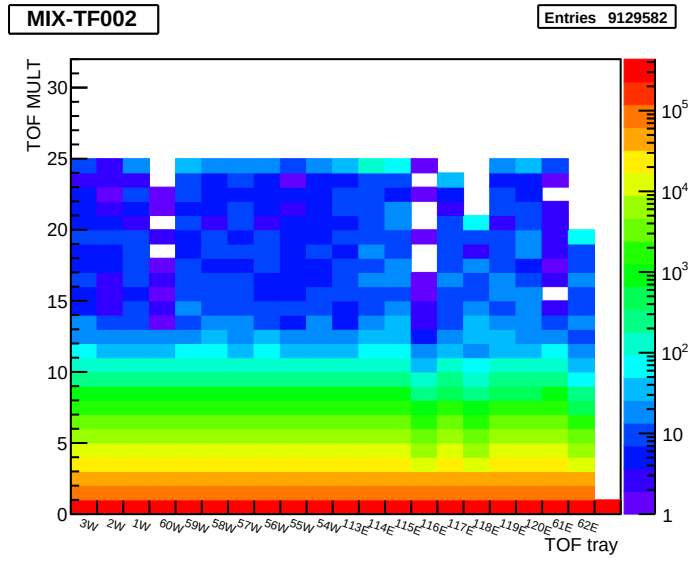

BunchId7Bit (EPD-TAC)
Entries 319296

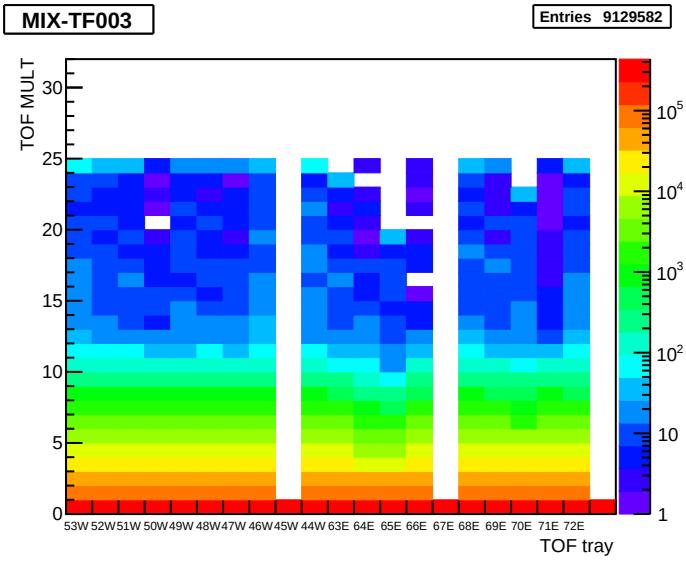

BunchId7Bit (BBC-TAC)
Entries 147152

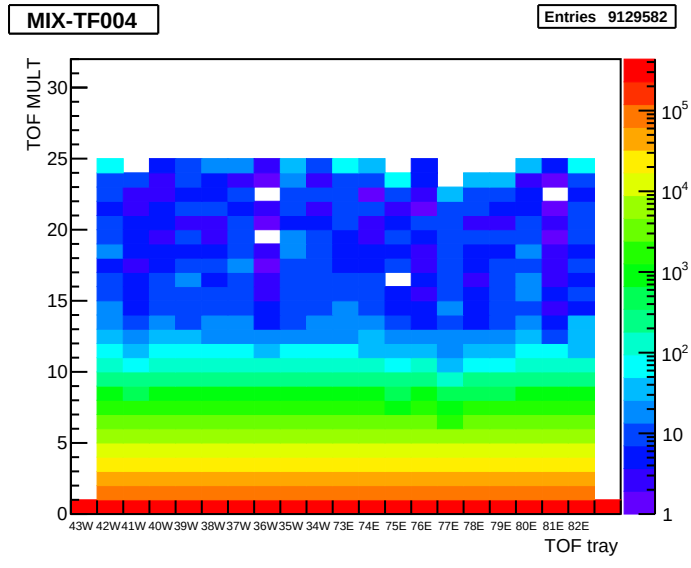

BunchId7Bit (Laser)
Entries 0

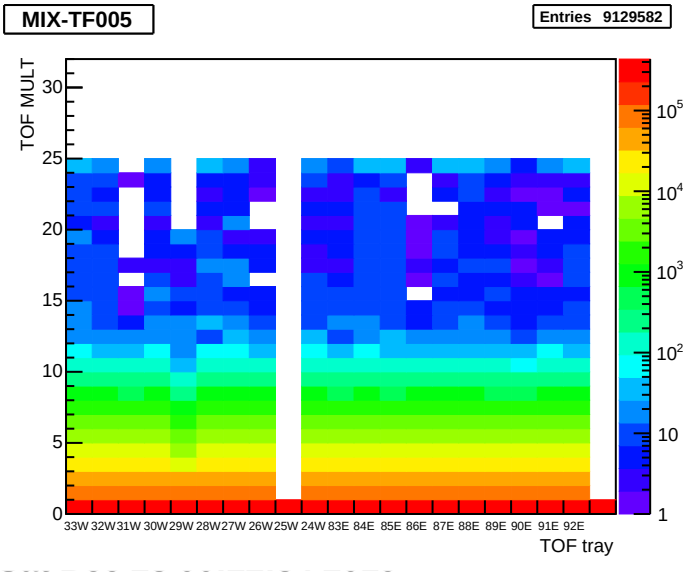

BunchId7Bit (TOFmult window)
Entries 16599

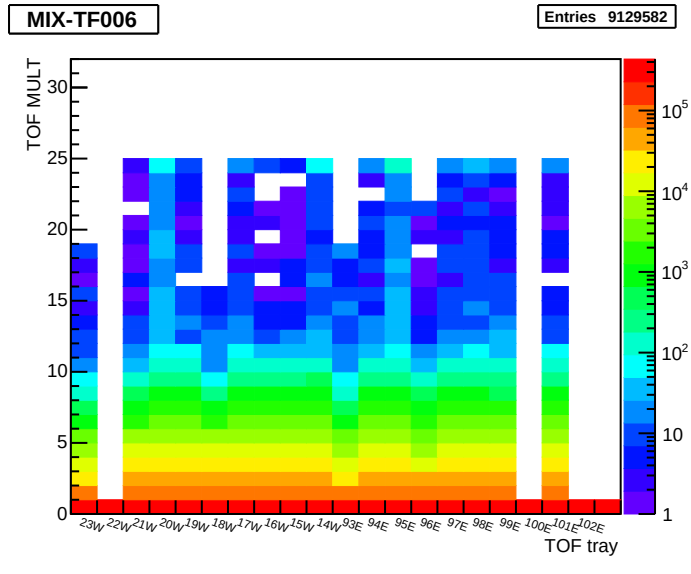

MIX-TF001
Entries 9129582
TOF MULT
TOF tray

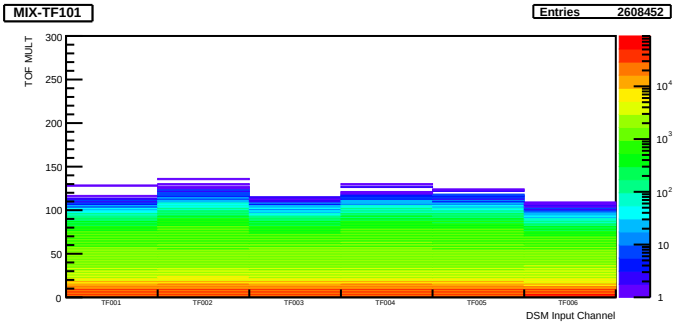

MIX-TF002
Entries 9129582
TOF MULT
TOF tray

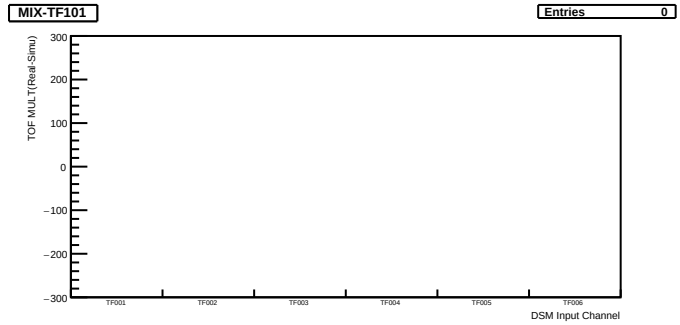

MIX-TF003
Entries 9129582
TOF MULT
TOF tray

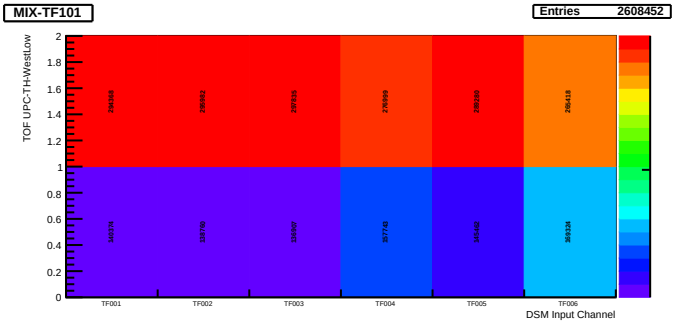

MIX-TF004
Entries 9129582
TOF MULT
TOF tray

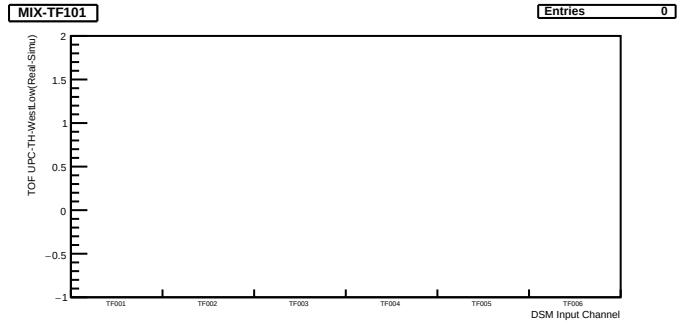

MIX-TF005
Entries 9129582
TOF MULT
TOF tray

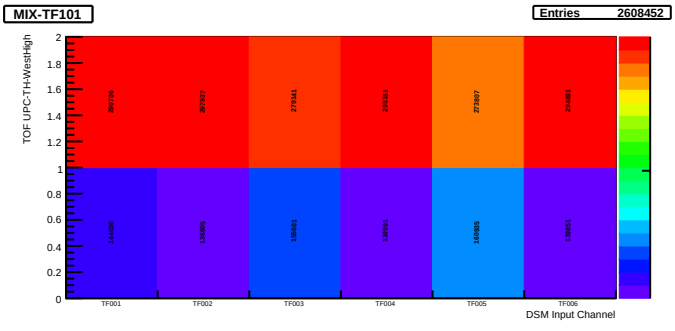

MIX-TF006
Entries 9129582
TOF MULT
TOF tray

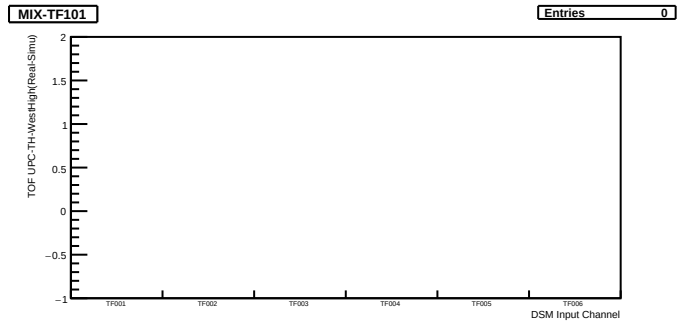

MIX-TF101
Entries 2608452
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

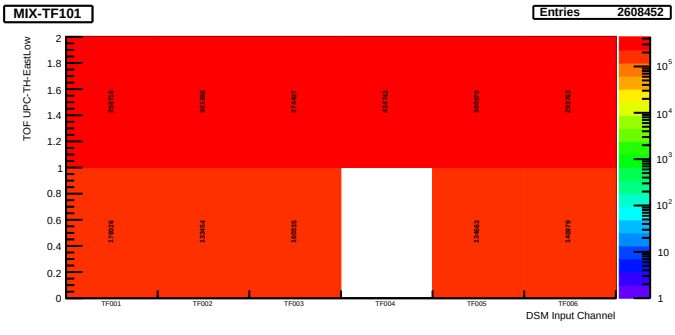

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

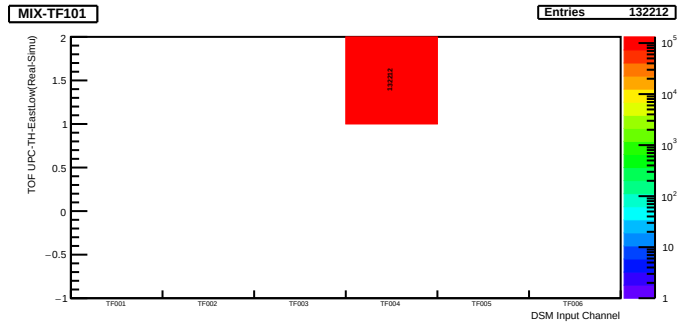

MIX-TF101
Entries 2608452
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

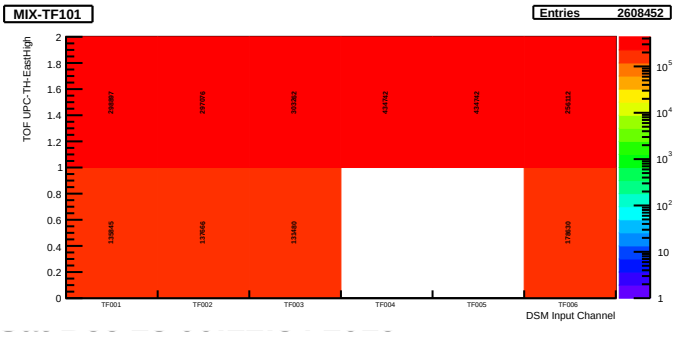

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

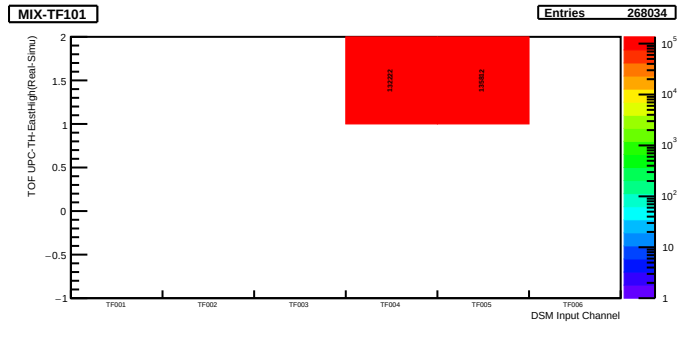

MIX-TF101
Entries 2608452
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

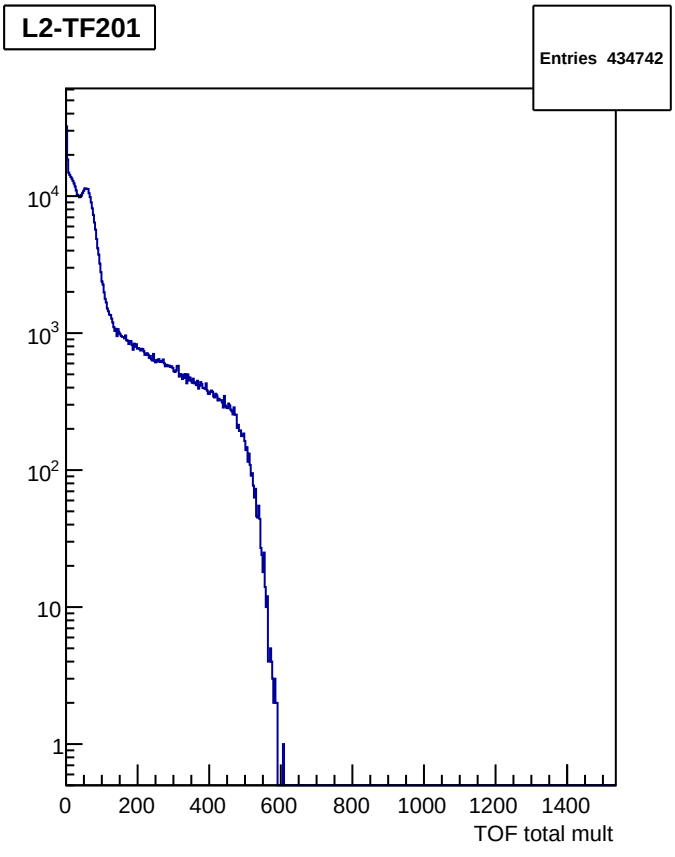

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

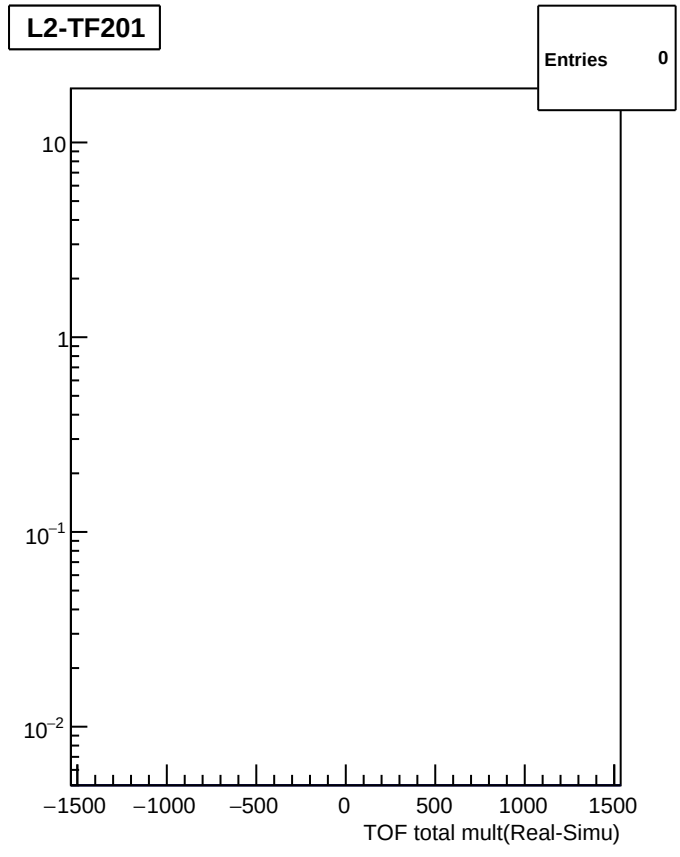

MIX-TF101
Entries 2608452
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

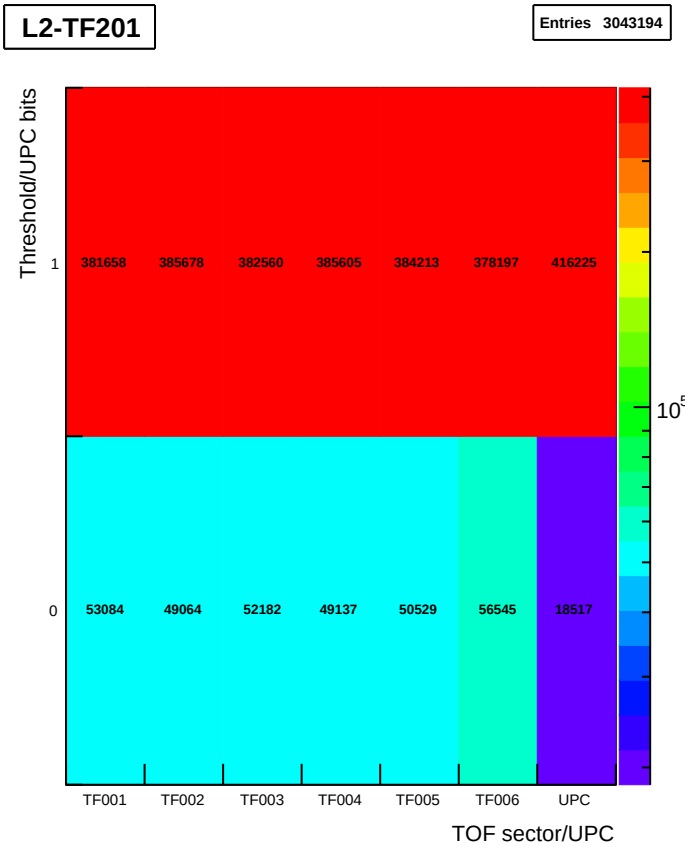

MIX-TF101
Entries 132212
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

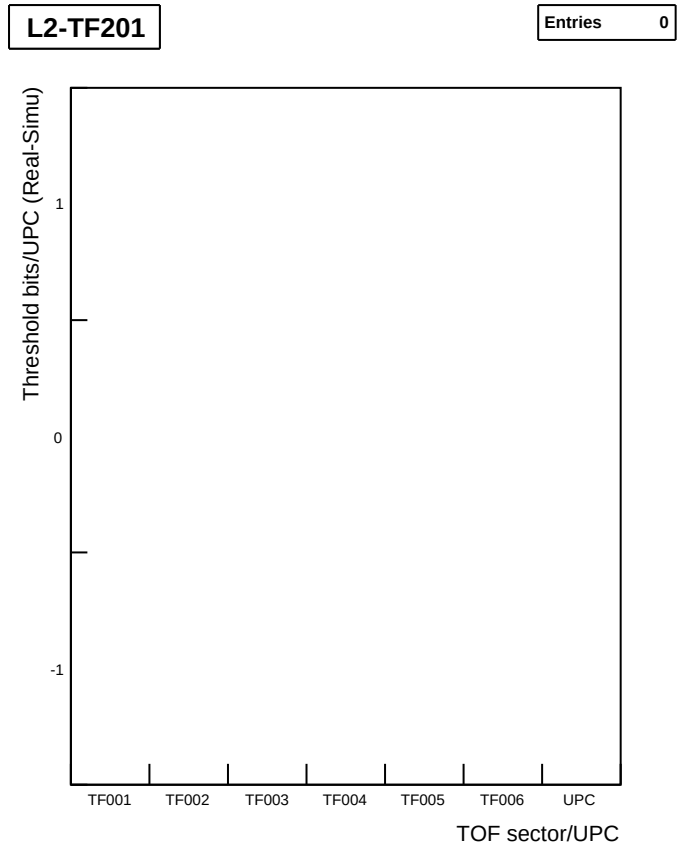

MIX-TF101
Entries 2608452
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

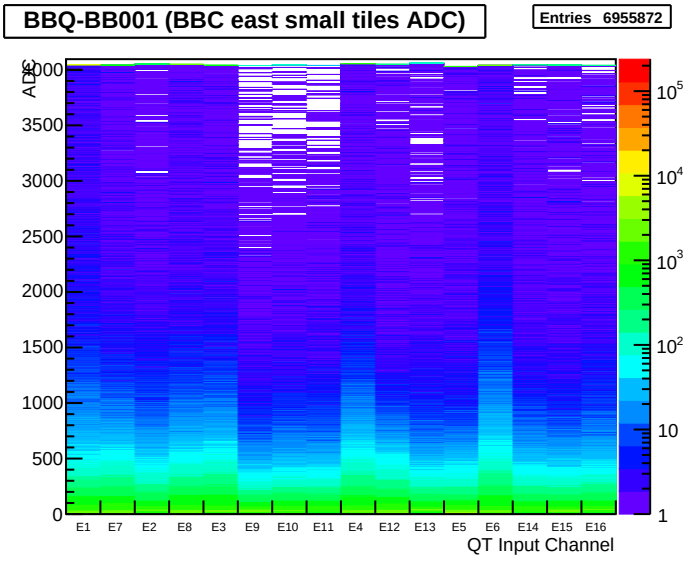

MIX-TF101
Entries 268034
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

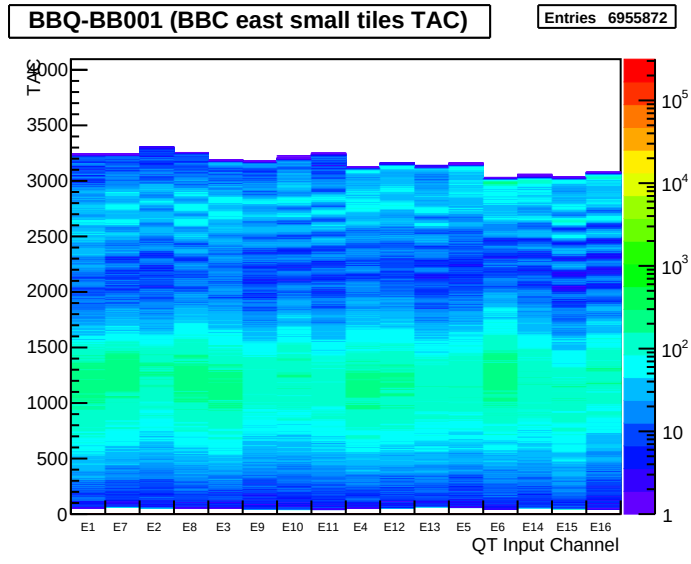

L2-TF201
Entries 434742
TOF total mult

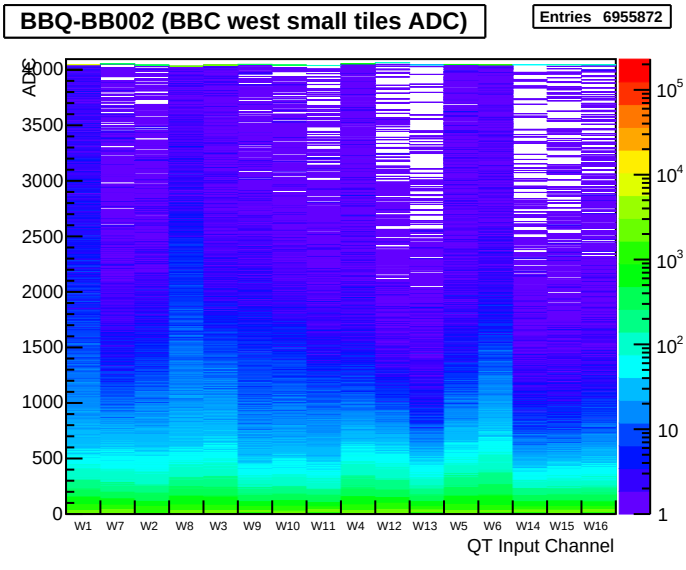

L2-TF201
Entries 0
TOF total mult(Real-Simu)

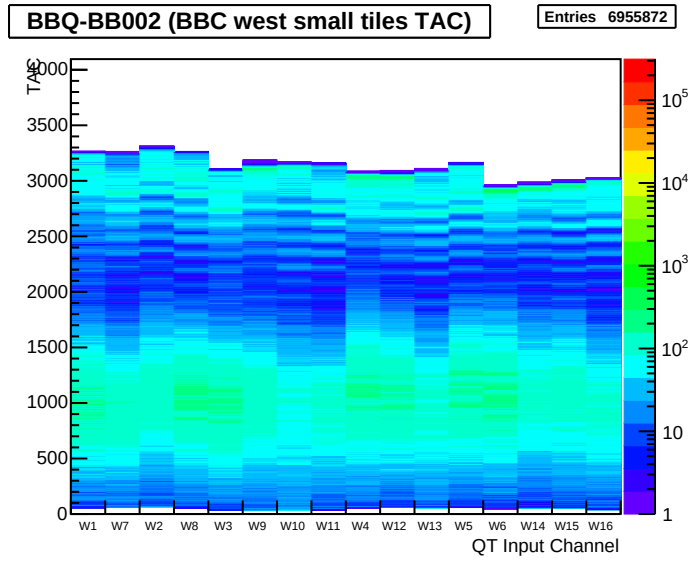

L2-TF201
Entries 3043194
Threshold/UPC bits
381658 385678 382560 385605 384213 378197 416225
53084 49064 52182 49137 50529 56545 18517
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

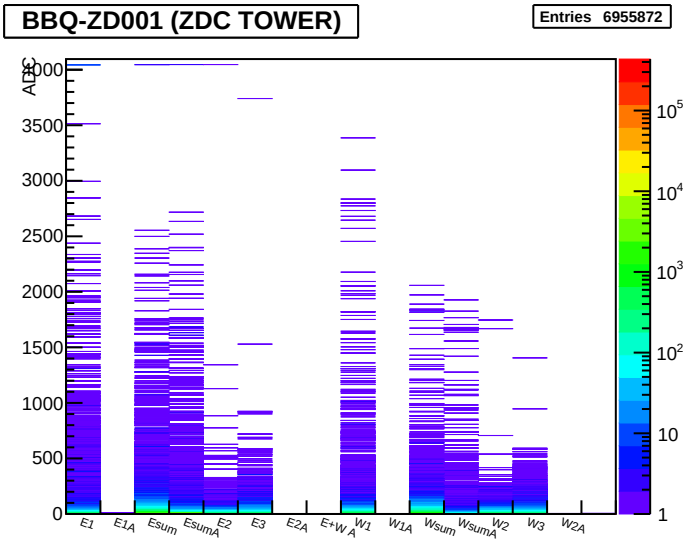

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

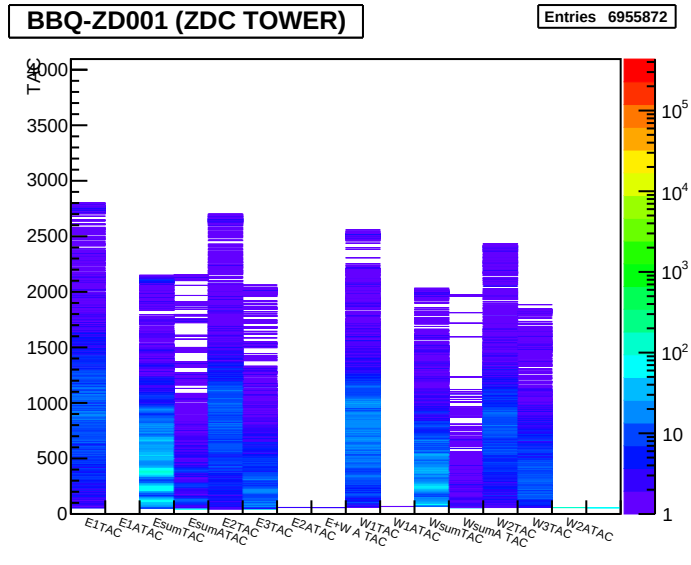

BBQ-BB001 (BBC east small tiles ADC)
Entries 6955872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

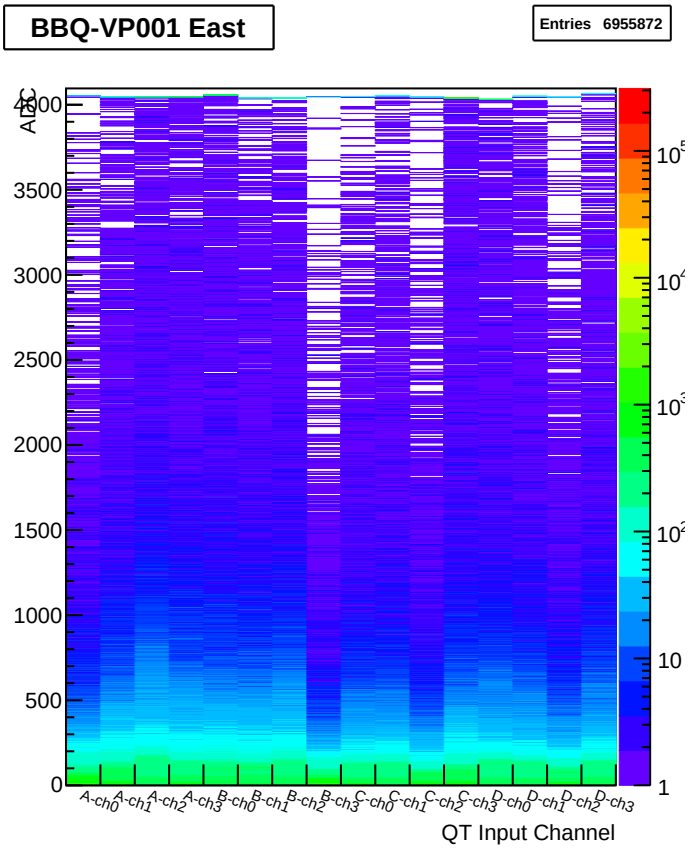

BBQ-BB001 (BBC east small tiles TAC)
Entries 6955872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

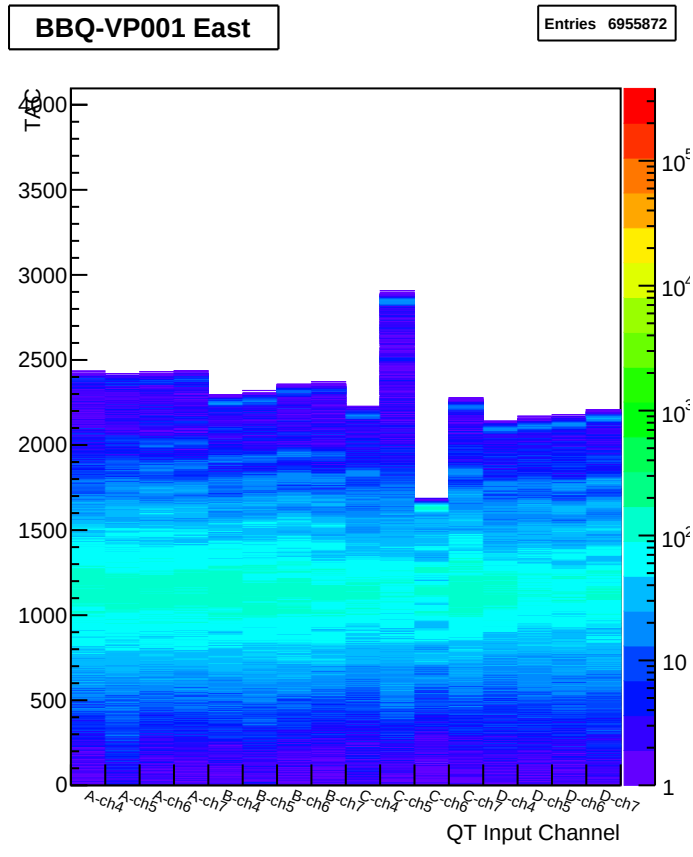

BBQ-BB002 (BBC west small tiles ADC)
Entries 6955872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

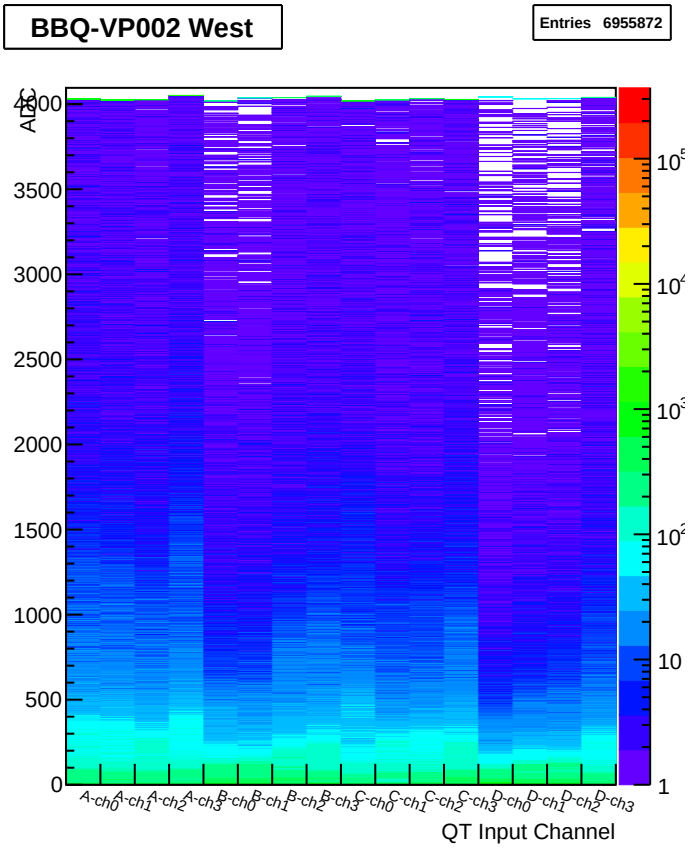

BBQ-BB002 (BBC west small tiles TAC)
Entries 6955872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

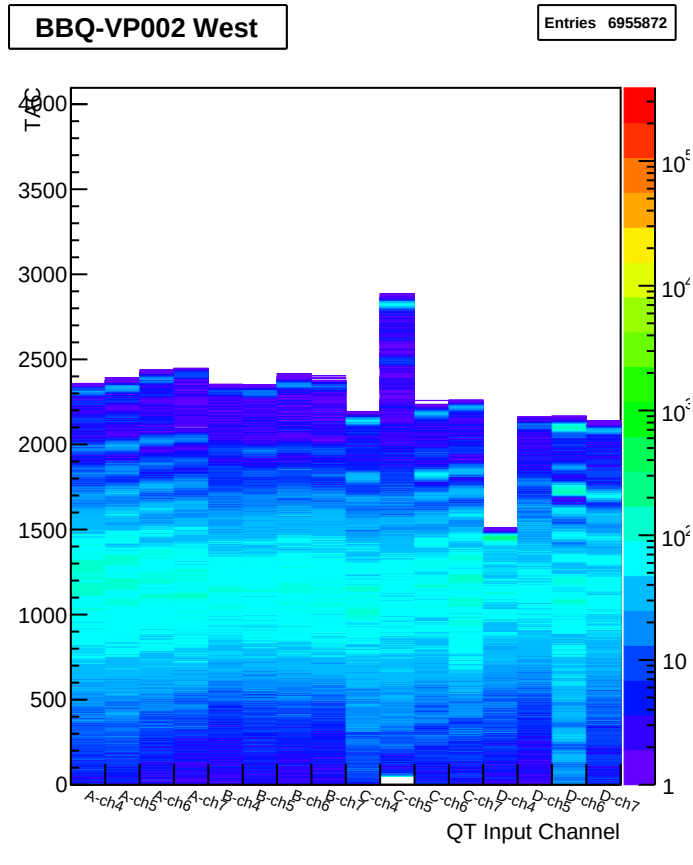

BBQ-ZD001 (ZDC TOWER)
Entries 6955872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

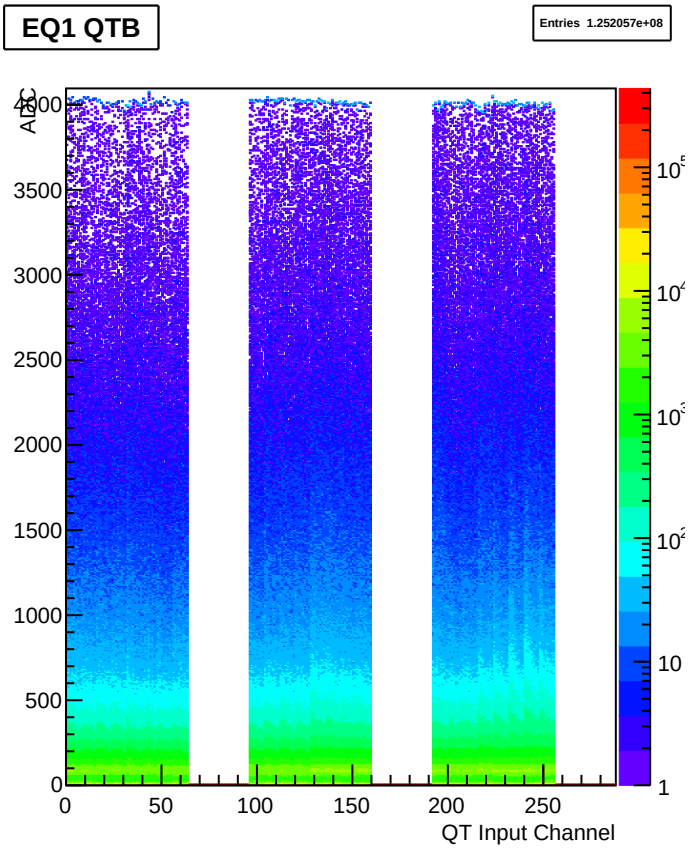

BBQ-ZD001 (ZDC TOWER)
Entries 6955872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

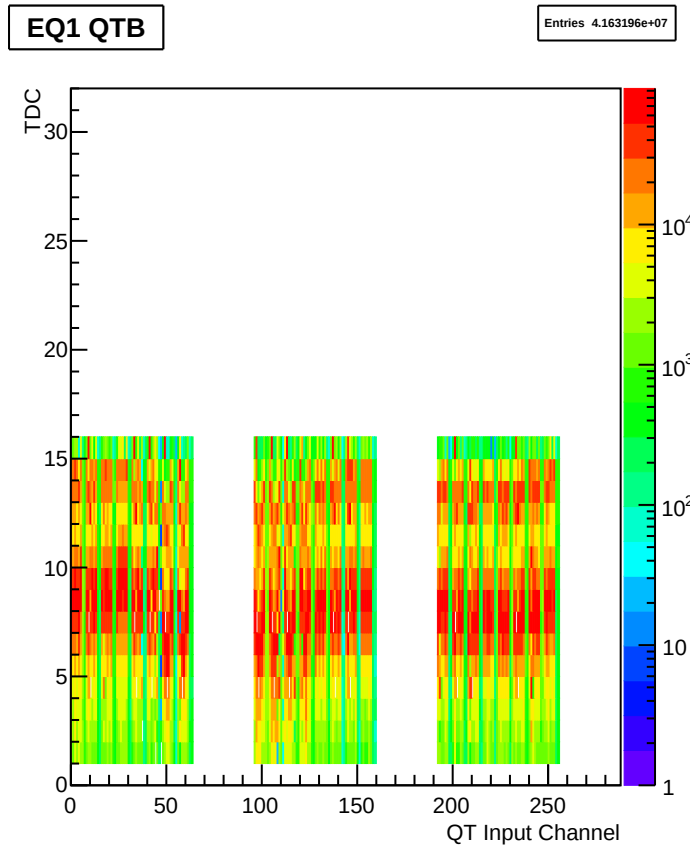

BBQ-VP001 East
Entries 6955872
ADC
QT Input Channel

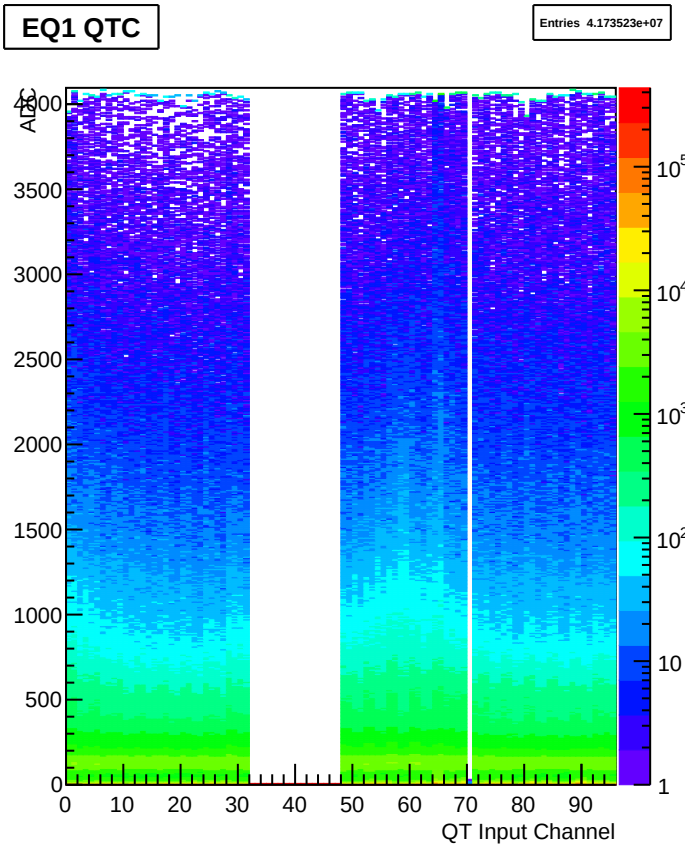

BBQ-VP001 East
Entries 6955872
TADC
QT Input Channel

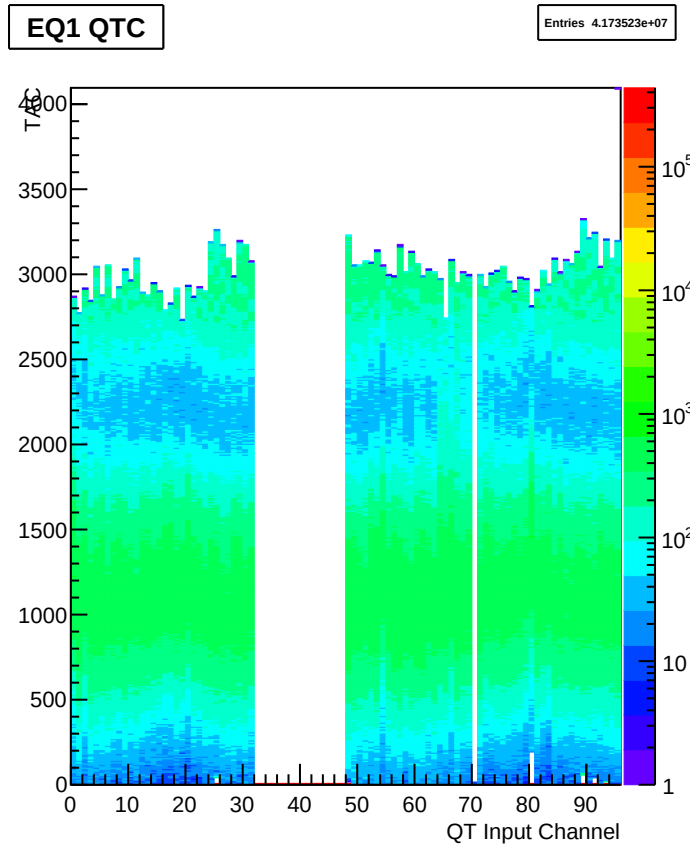

BBQ-VP002 West
Entries 6955872
ADC
QT Input Channel

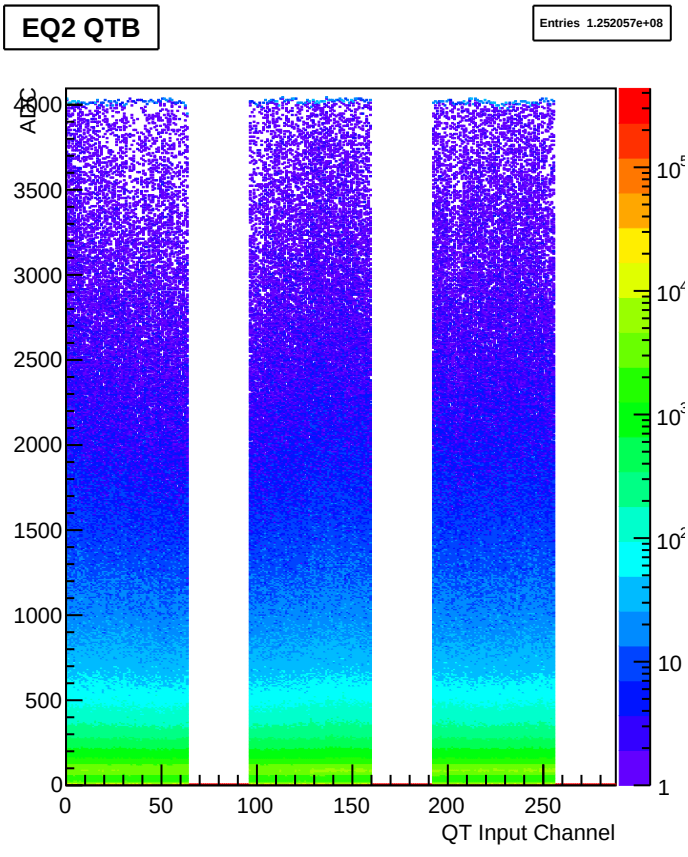

BBQ-VP002 West
Entries 6955872
TADC
QT Input Channel

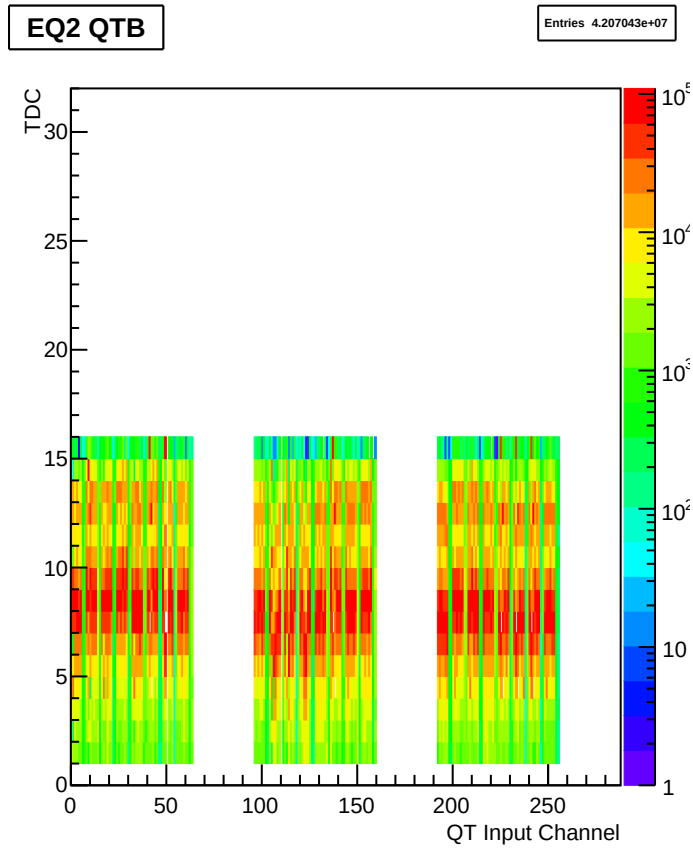

EQ1 QTB
Entries 1.252057e+08
ADC
QT Input Channel

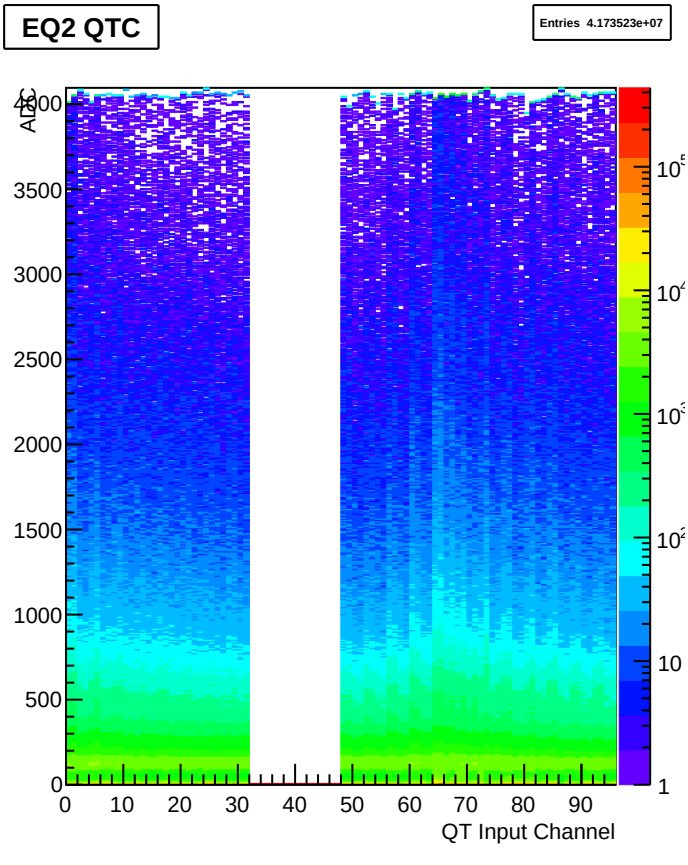

EQ1 QTB
Entries 4.163196e+07
TDC
QT Input Channel

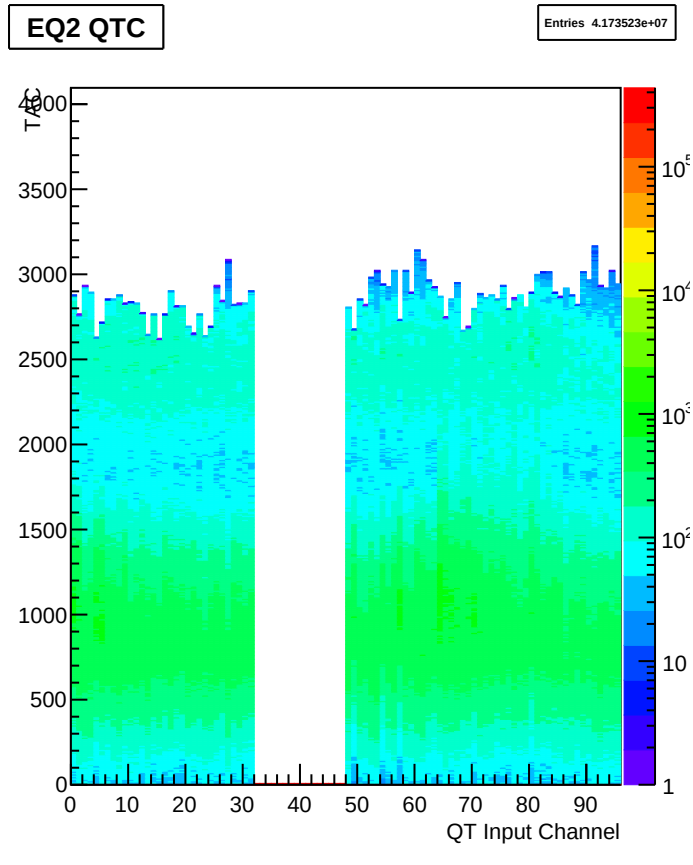

EQ1 QTC
Entries 4.173523e+07
ADC
QT Input Channel

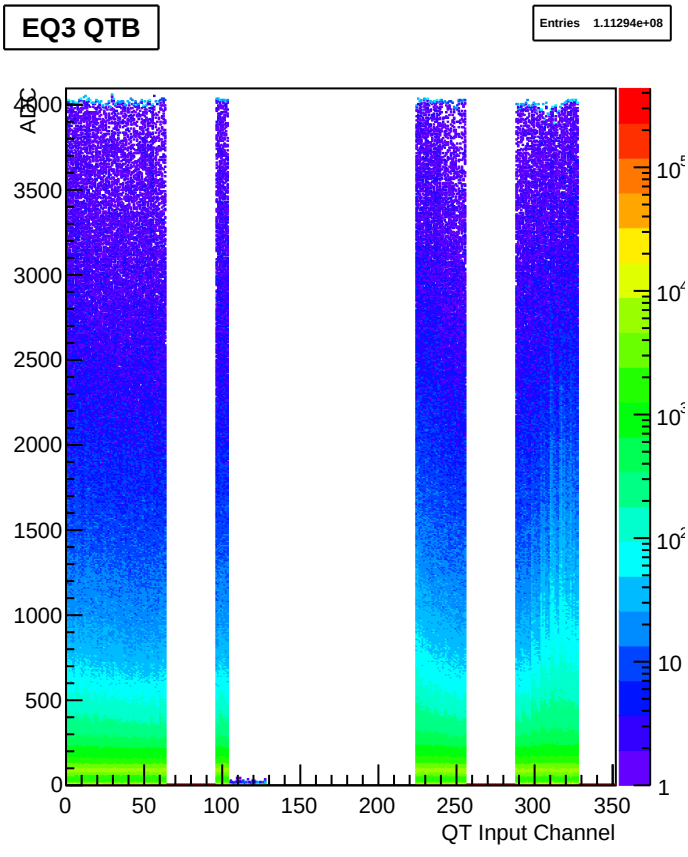

EQ1 QTC
Entries 4.173523e+07
TADC
QT Input Channel

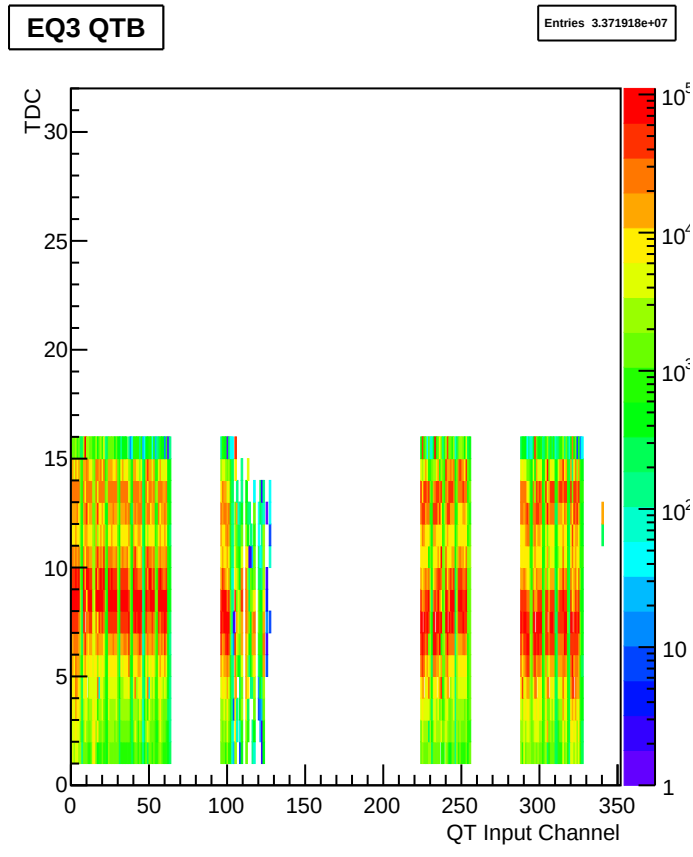

EQ2 QTB
Entries 1.252057e+08
ADC
QT Input Channel

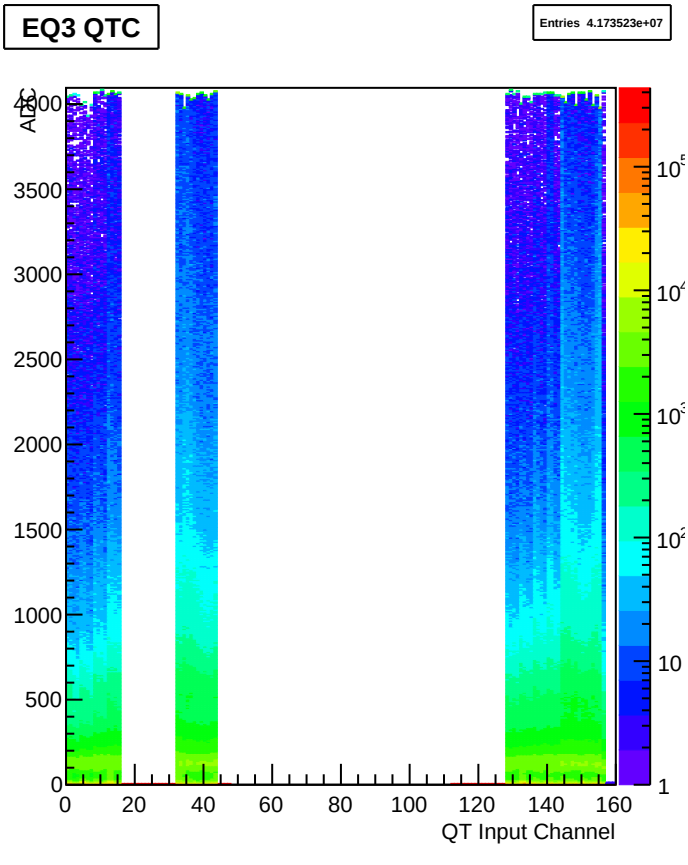

EQ2 QTB
Entries 4.207043e+07
TDC
QT Input Channel

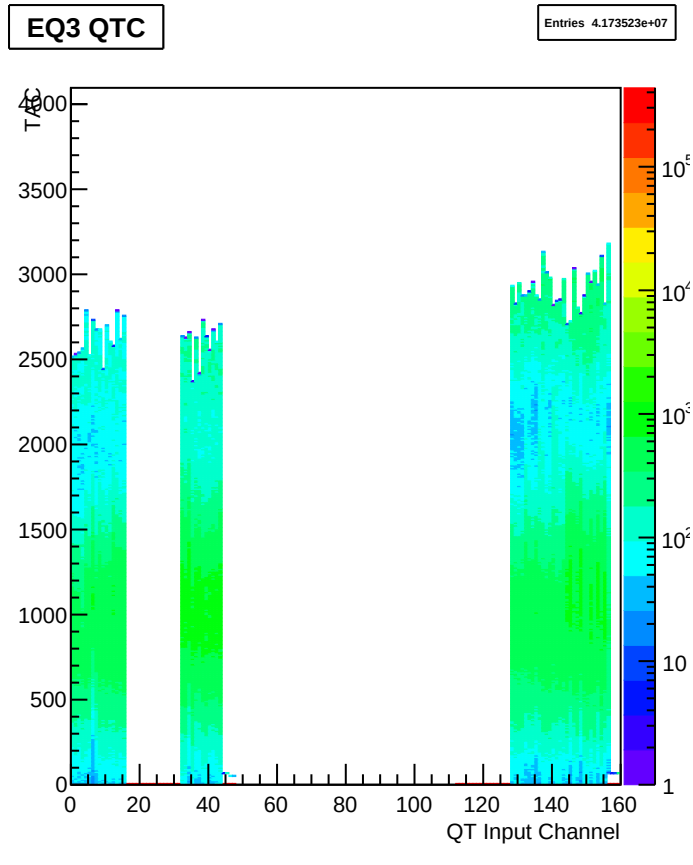

EQ2 QTC
Entries 4.173523e+07
ADC
QT Input Channel

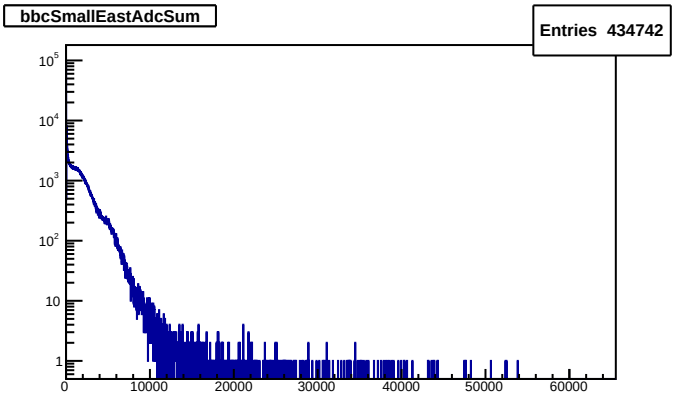

EQ2 QTC
Entries 4.173523e+07
TADC
QT Input Channel

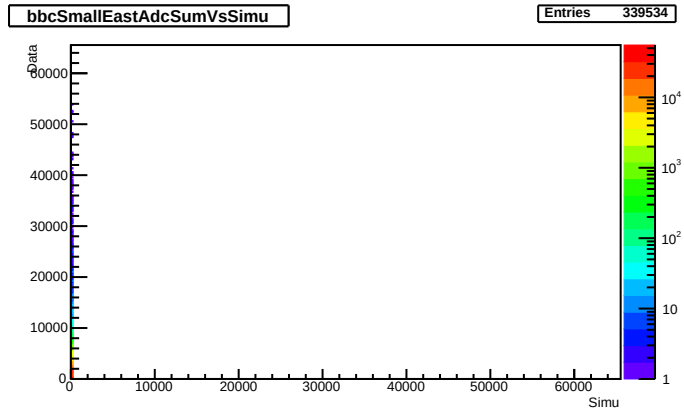

EQ3 QTB
Entries 1.11294e+08
ADC
QT Input Channel

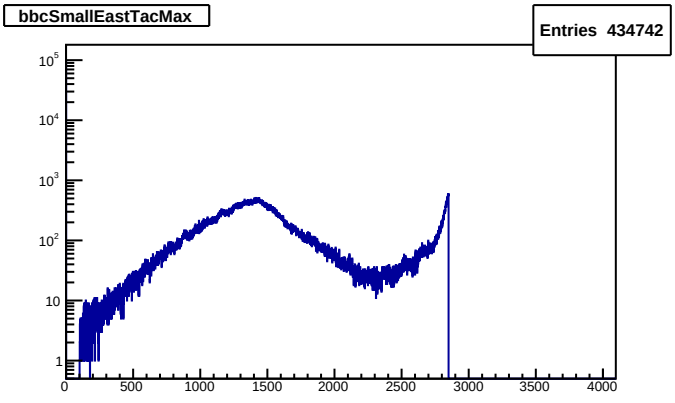

EQ3 QTB
Entries 3.371918e+07
TDC
QT Input Channel

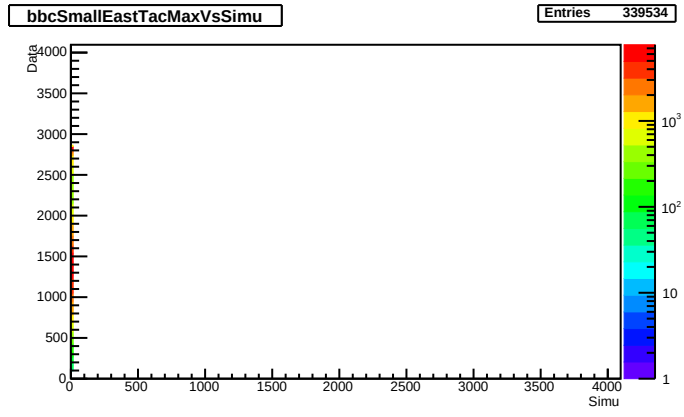

EQ3 QTC
Entries 4.173523e+07
ADC
QT Input Channel

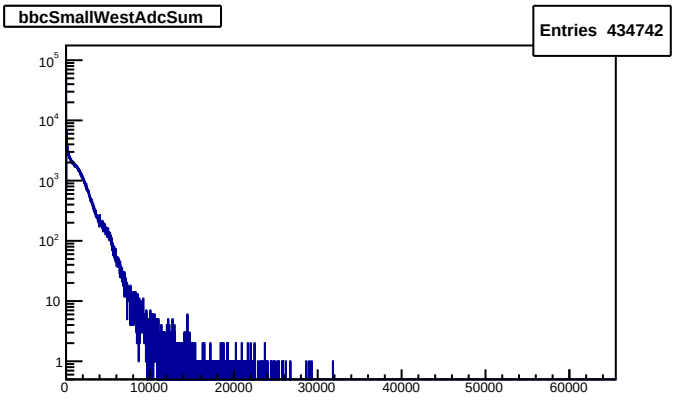

EQ3 QTC
Entries 4.173523e+07
TADC
QT Input Channel

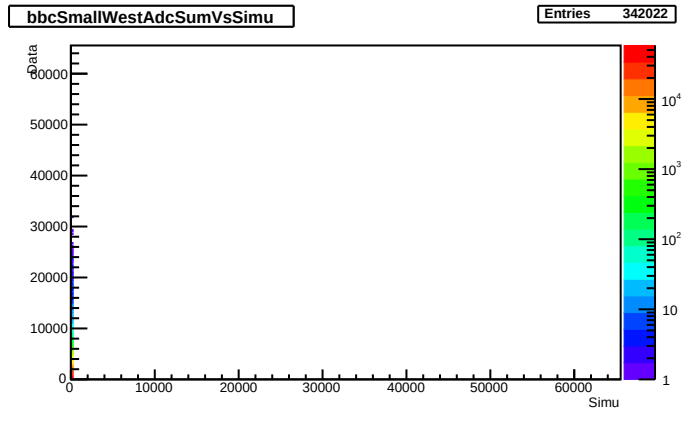

bbcSmallEastAdcSum
Entries 434742

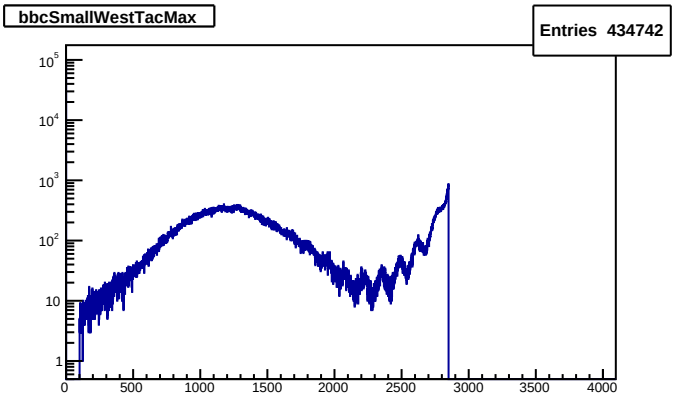

bbcSmallEastAdcSumVsSimu
Entries 339534
Data
Simu

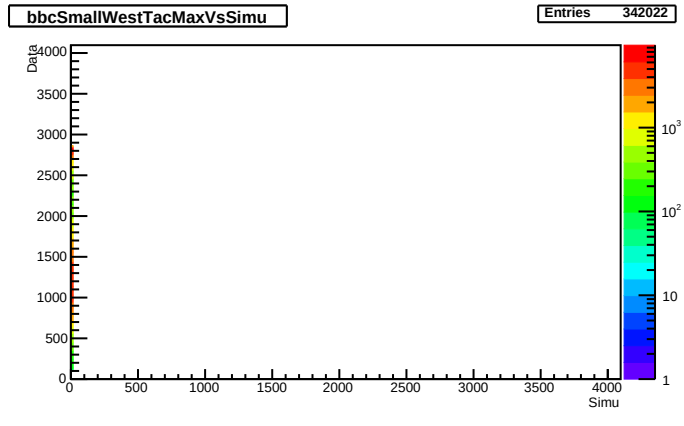

bbcSmallEastTacMax
Entries 434742

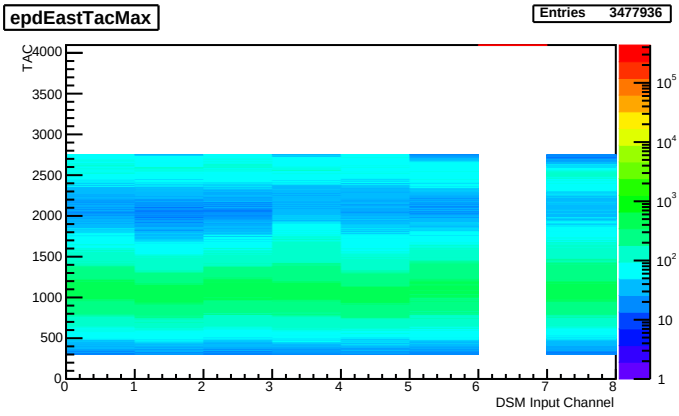

bbcSmallEastTacMaxVsSimu
Entries 339534
Data
Simu

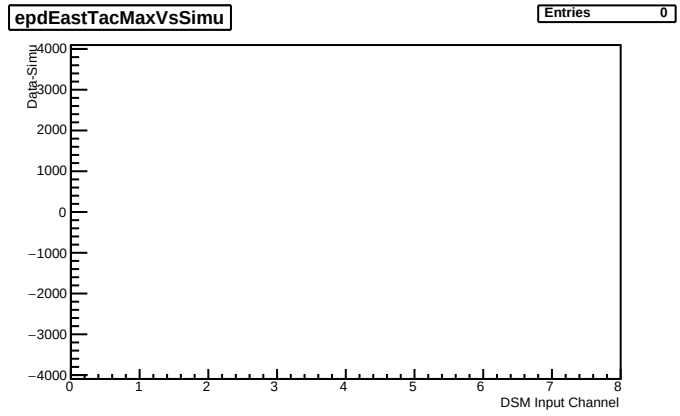

bbcSmallWestAdcSum
Entries 434742

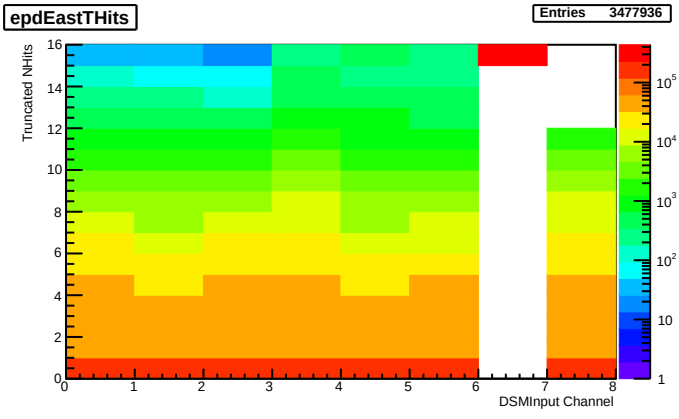

bbcSmallWestAdcSumVsSimu
Entries 342022
Data
Simu

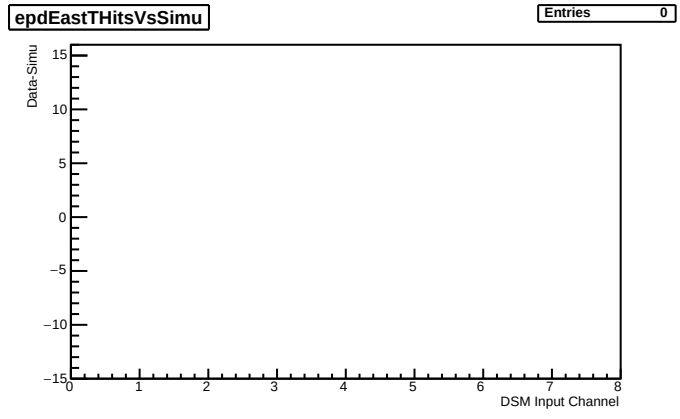

bbcSmallWestTacMax
Entries 434742

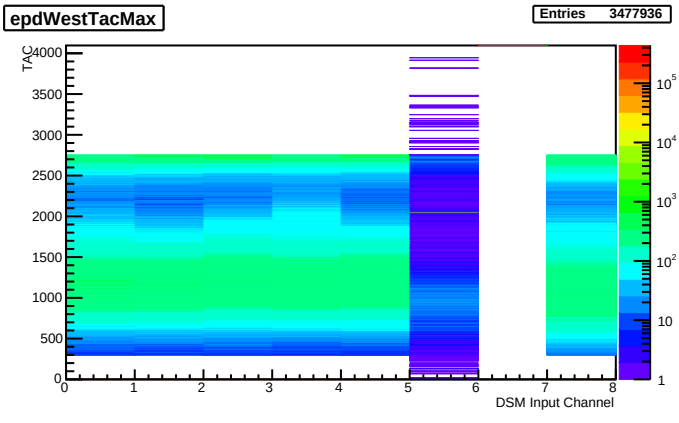

bbcSmallWestTacMaxVsSimu
Entries 342022
Data
Simu

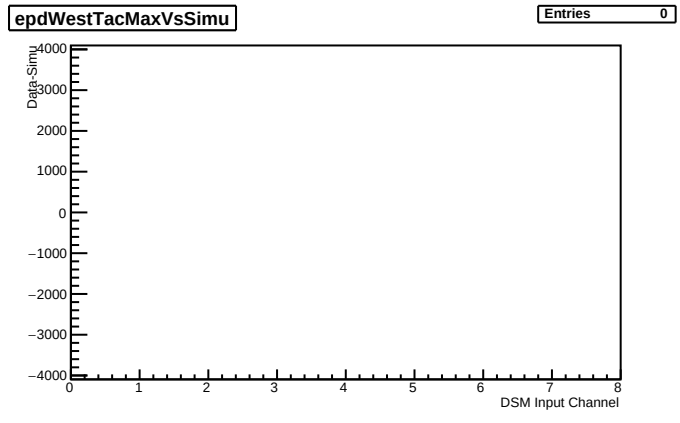

epdEastTacMax
Entries 3477936
TAC
DSM Input Channel

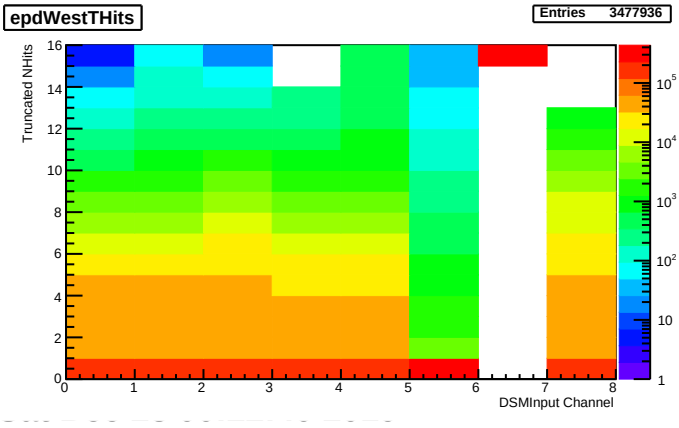

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

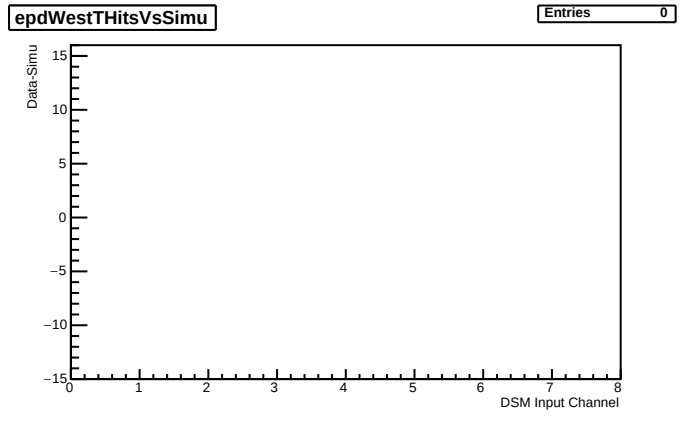

epdEastTHits
Entries 3477936
Truncated NHits
DSMInput Channel

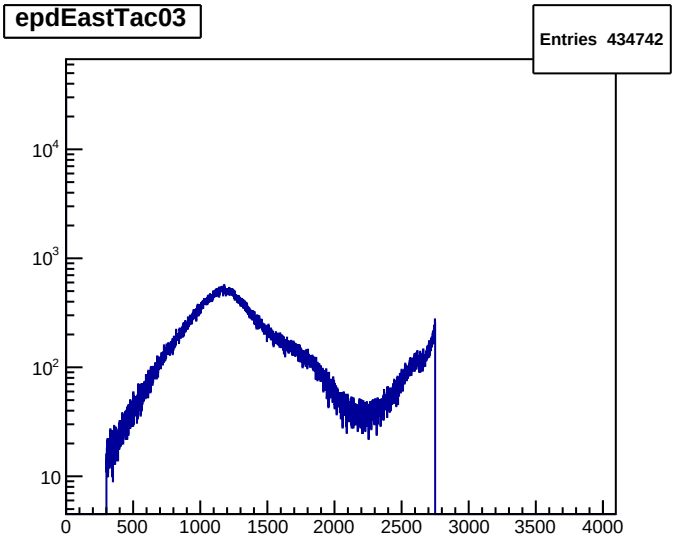

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

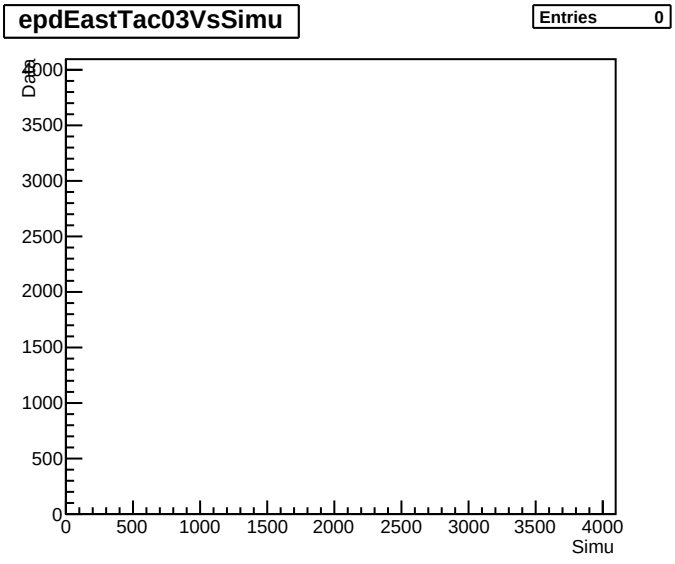

epdWestTacMax
Entries 3477936
TAC
DSM Input Channel

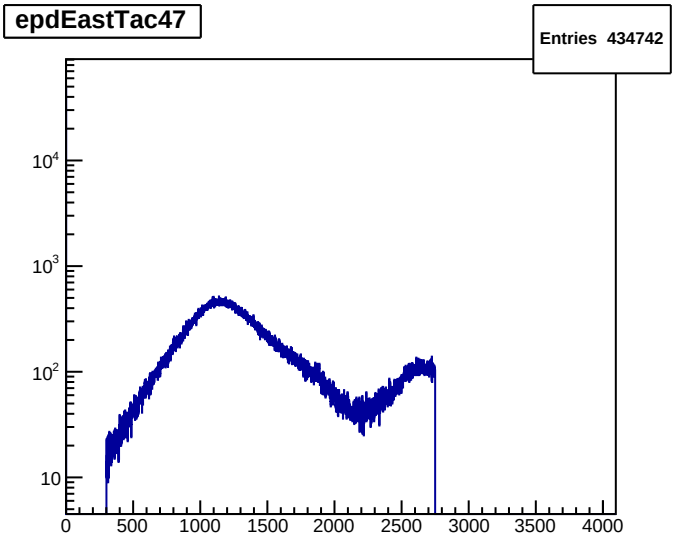

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

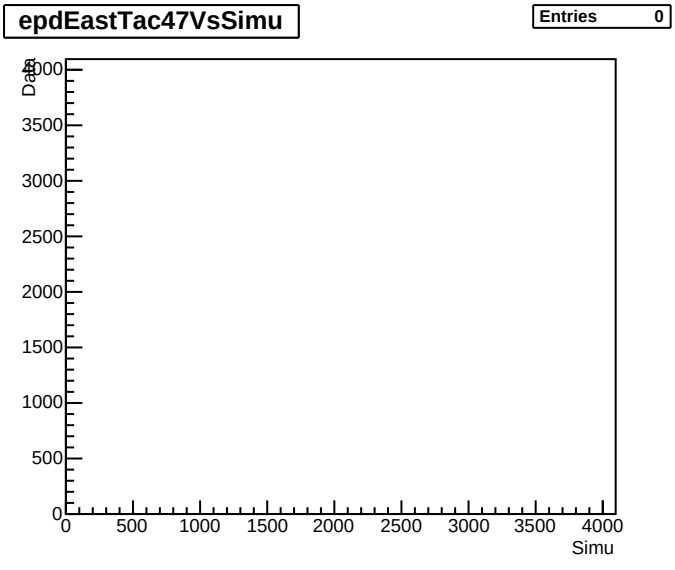

epdWestTHits
Entries 3477936
Truncated NHits
DSMInput Channel

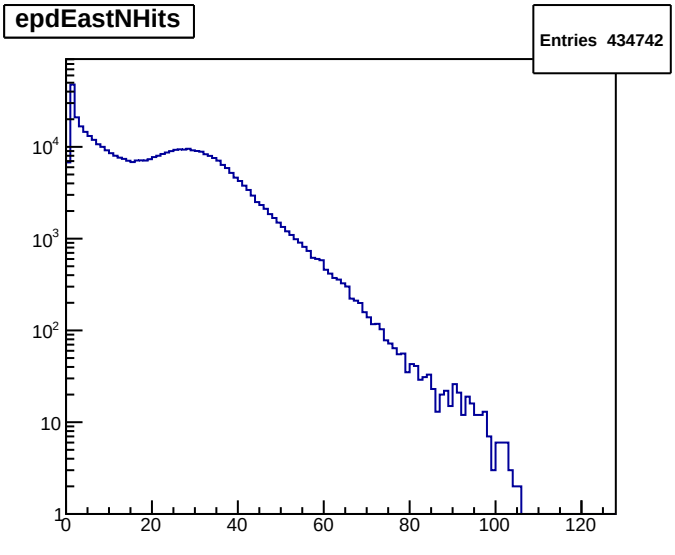

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

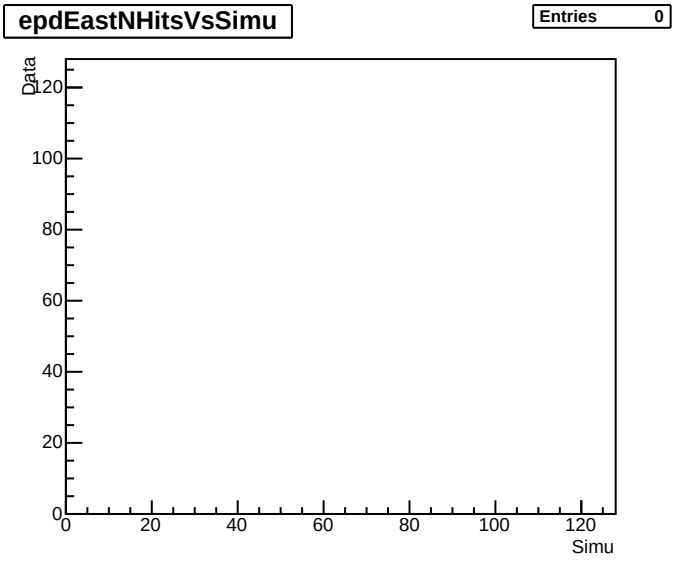

epdEastTac03
Entries 434742

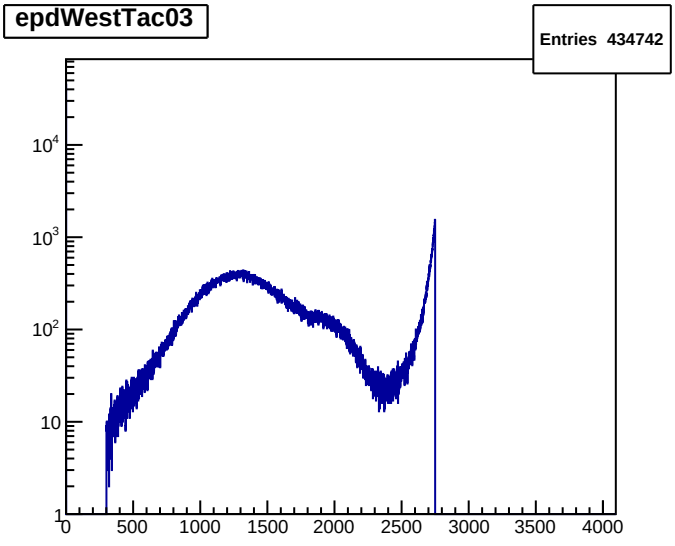

epdEastTac03VsSimu
Entries 0
Data
Simu

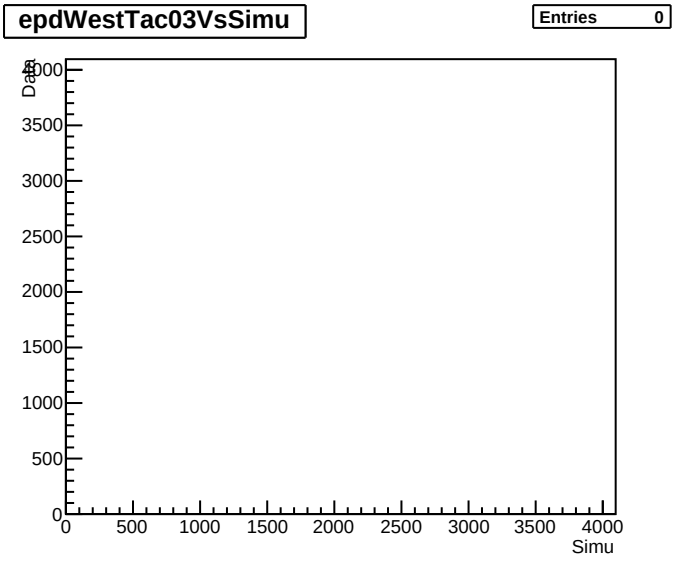

epdEastTac47
Entries 434742

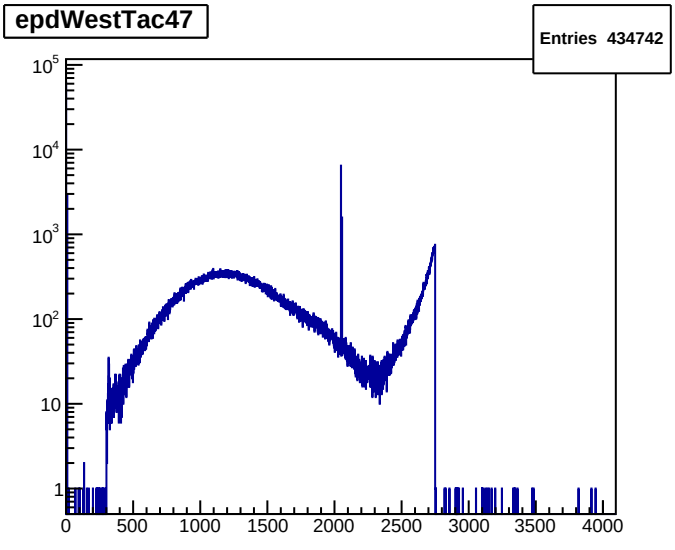

epdEastTac47VsSimu
Entries 0
Data
Simu

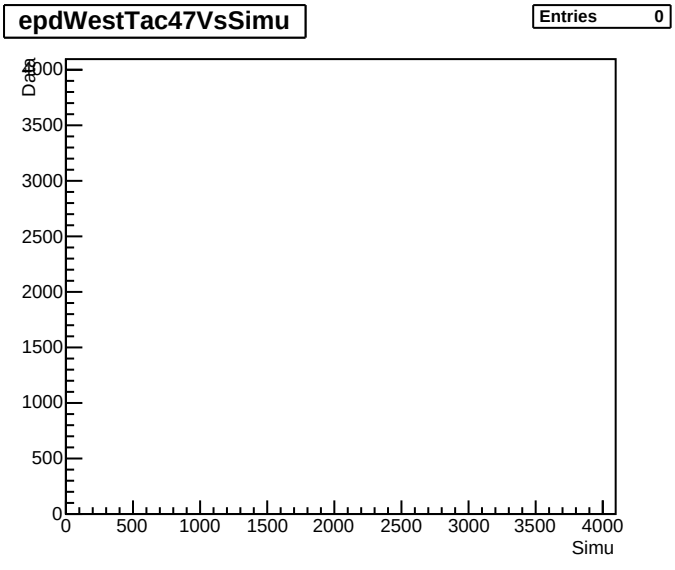

epdEastNHits
Entries 434742

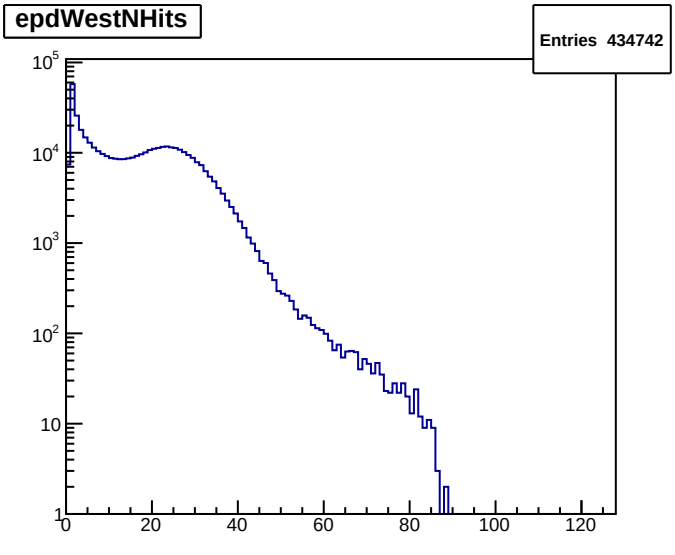

epdEastNHitsVsSimu
Entries 0
Data
Simu

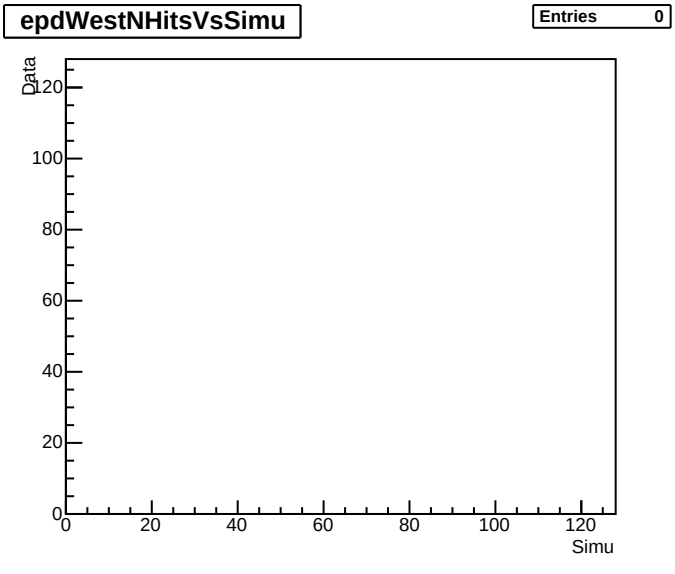

epdWestTac03
Entries 434742

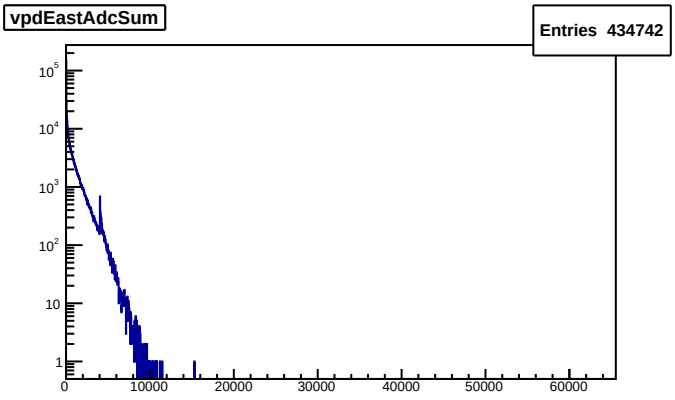

epdWestTac03VsSimu
Entries 0
Data
Simu

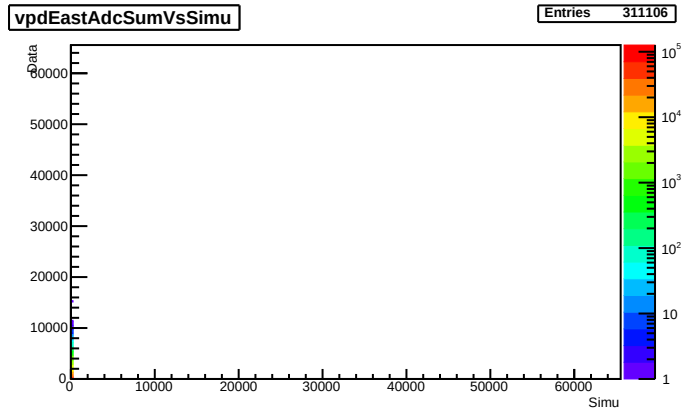

epdWestTac47
Entries 434742

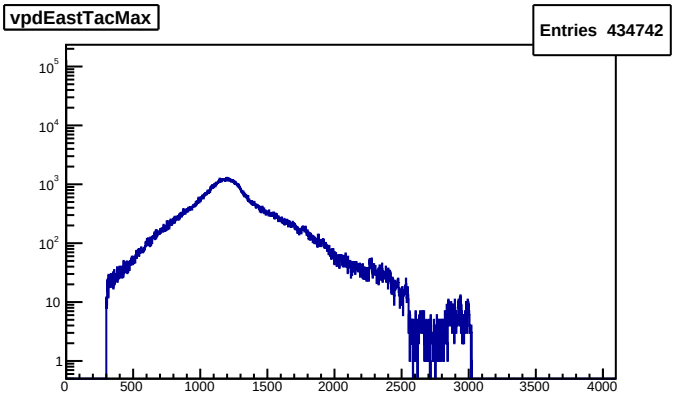

epdWestTac47VsSimu
Entries 0
Data
Simu

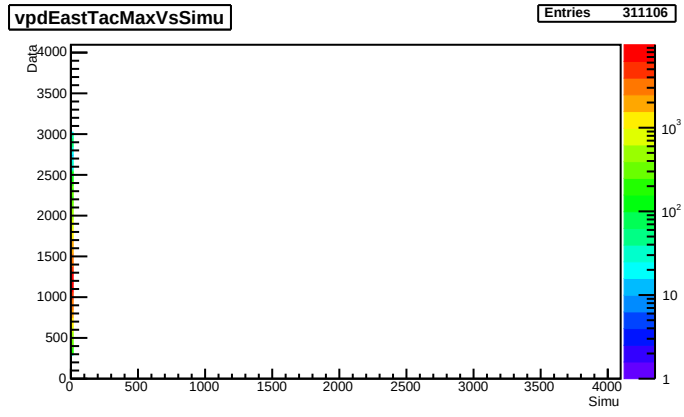

epdWestNHits
Entries 434742

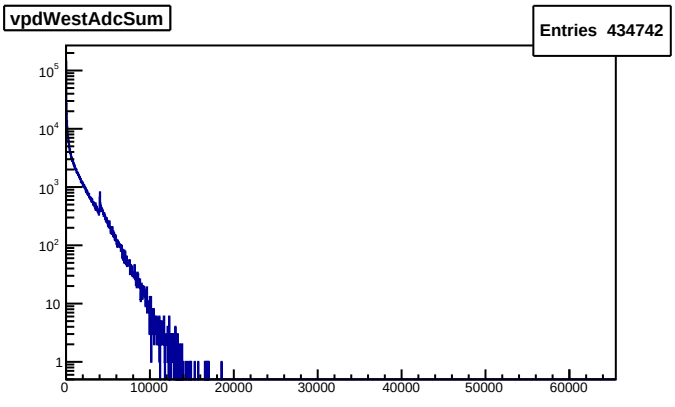

epdWestNHitsVsSimu
Entries 0
Data
Simu

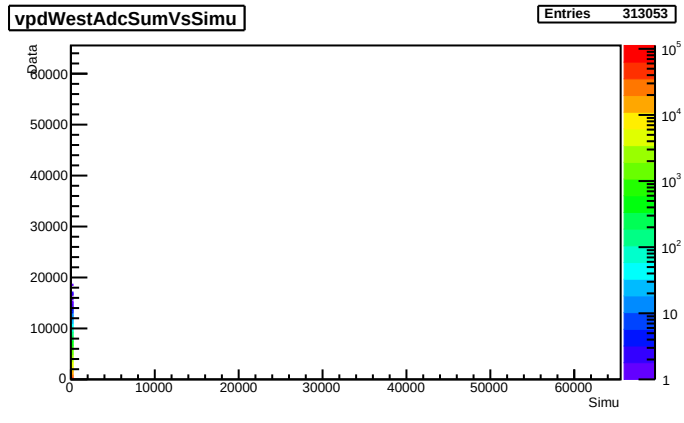

vpdEastAdcSum
Entries 434742

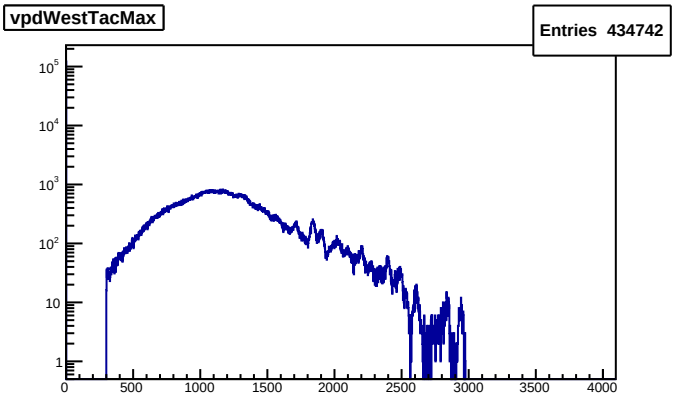

vpdEastAdcSumVsSimu
Entries 311106
Data
Simu

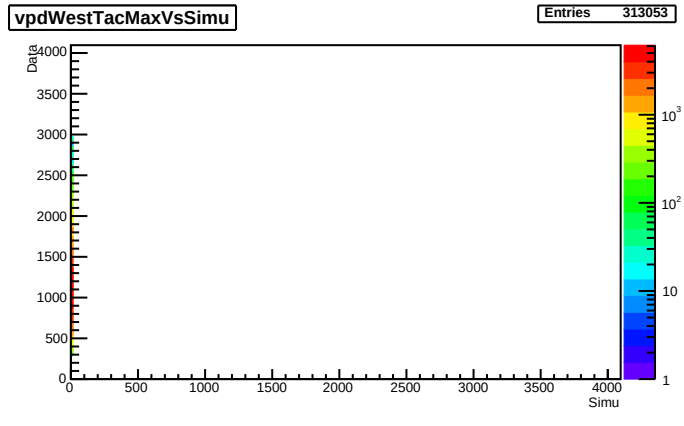

vpdEastTacMax
Entries 434742

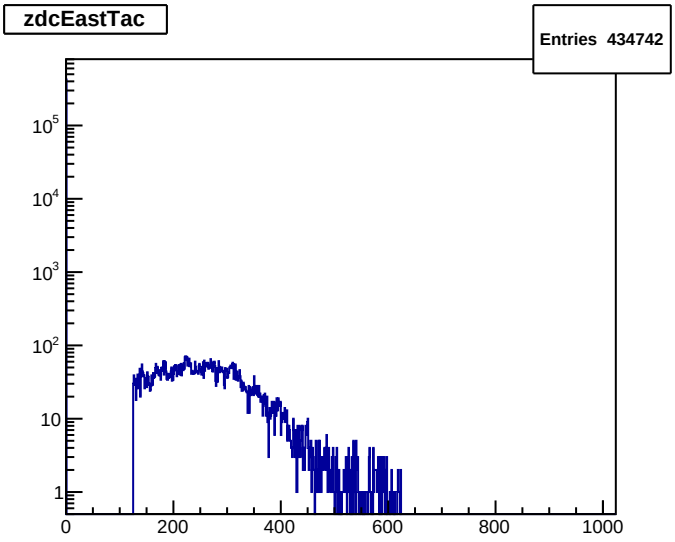

vpdEastTacMaxVsSimu
Entries 311106
Data
Simu

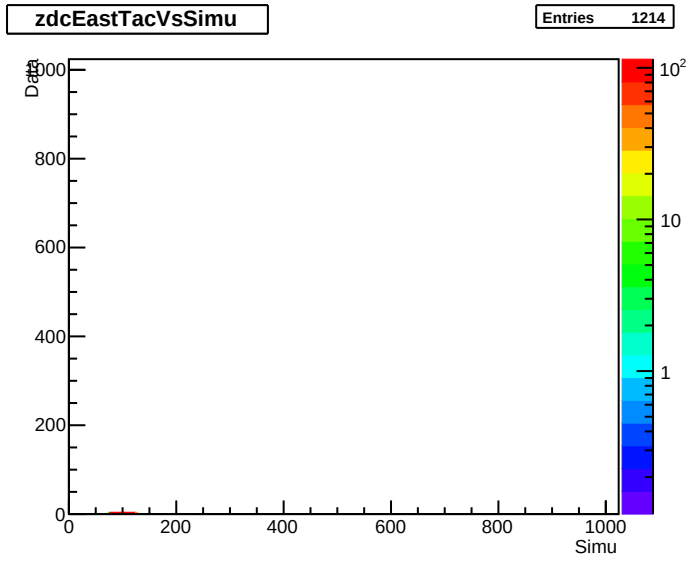

vpdWestAdcSum
Entries 434742

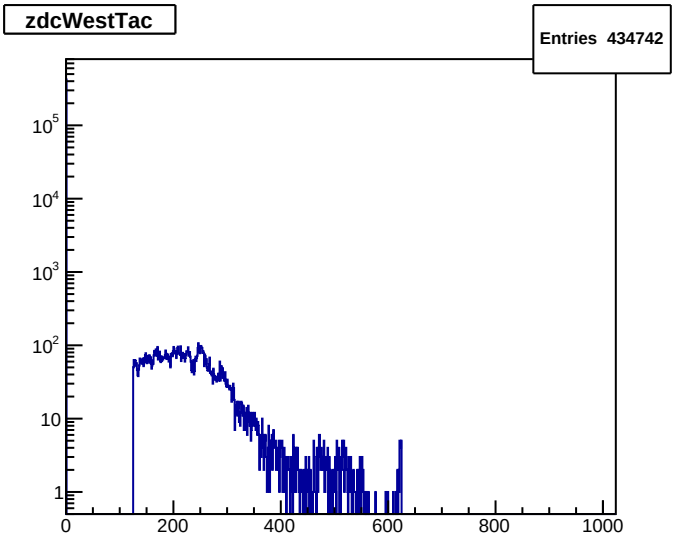

vpdWestAdcSumVsSimu
Entries 313053
Data
Simu

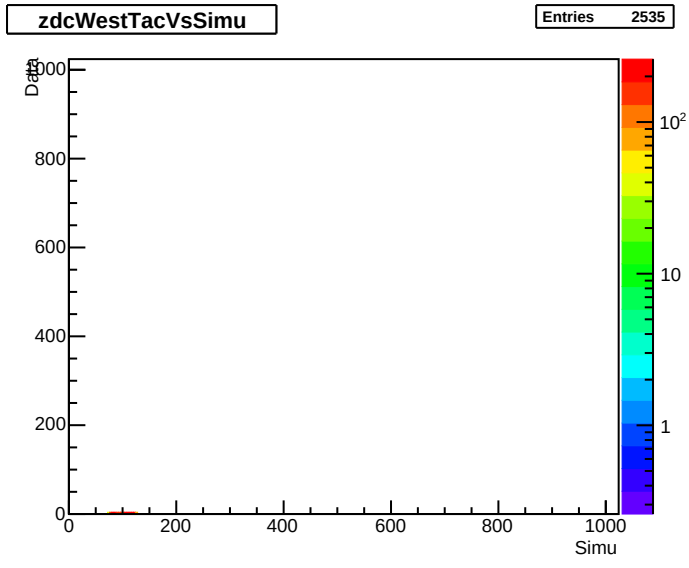

vpdWestTacMax
Entries 434742

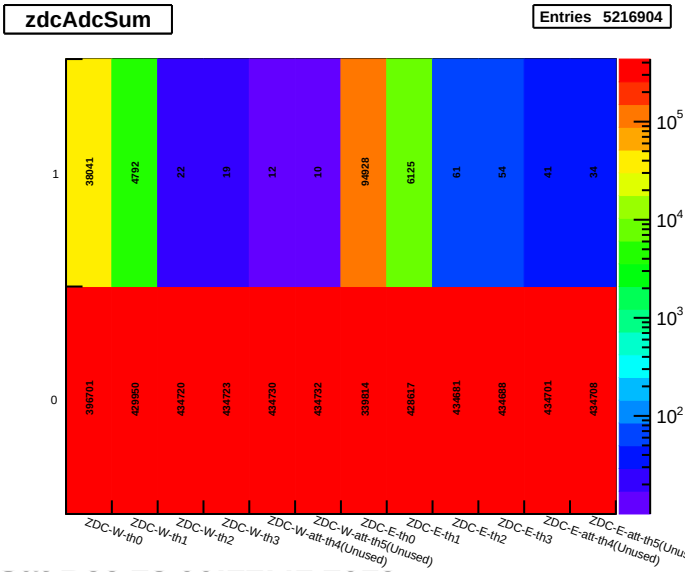

vpdWestTacMaxVsSimu
Entries 313053
Data
Simu

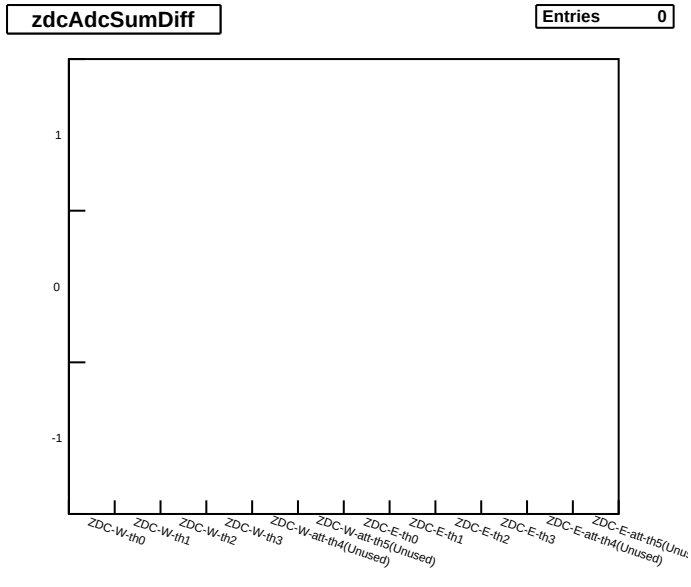

zdcEastTac
Entries 434742

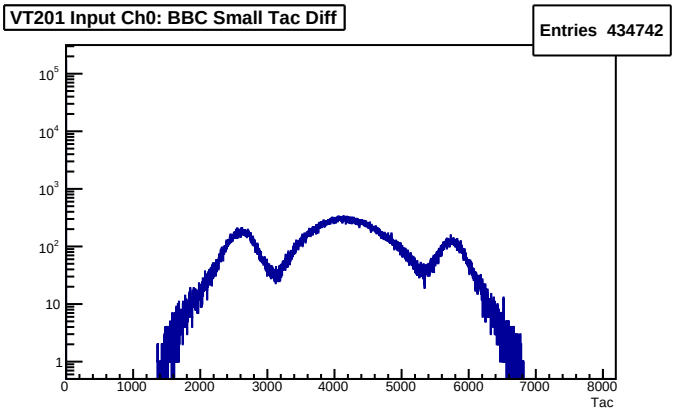

zdcEastTacVsSimu
Entries 1214
Data
Simu

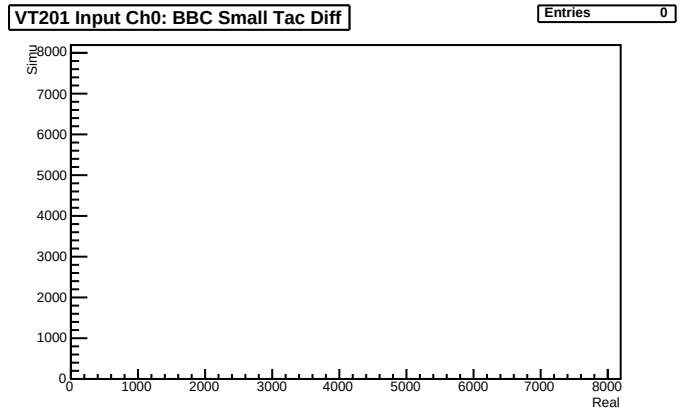

zdcWestTac
Entries 434742

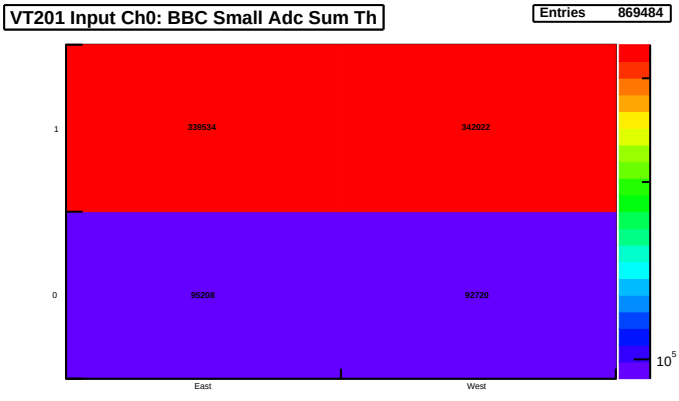

zdcWestTacVsSimu
Entries 2535
Data
Simu

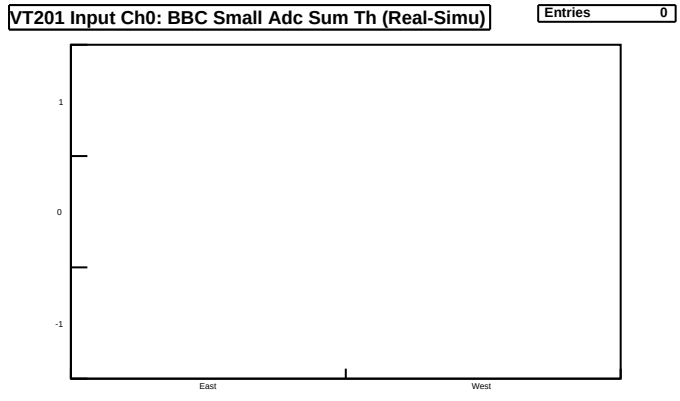

zdcAdcSum
Entries 5216904
38041
4792
22
19
12
10
94828
6125
61
54
41
34
396701
429950
434720
434723
434730
434732
339814
428617
434681
434688
434701
434708
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

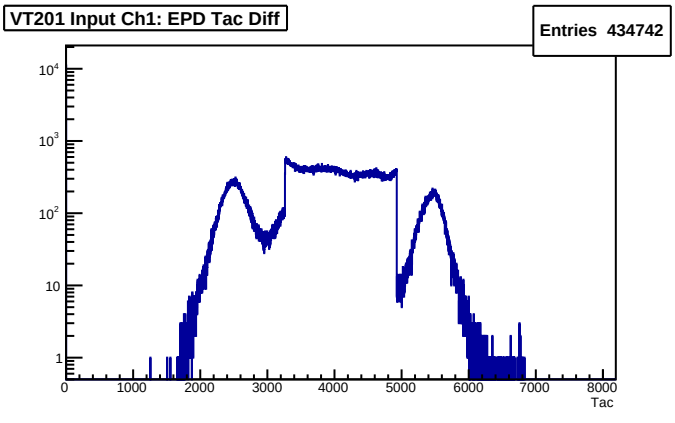

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

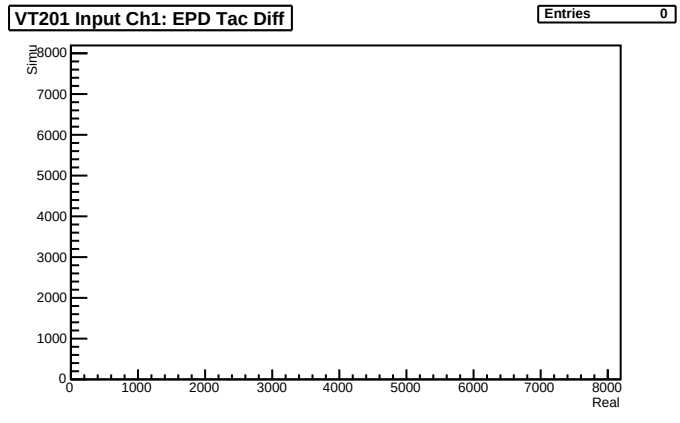

VT201 Input Ch0: BBC Small Tac Diff
Entries 434742
Tac

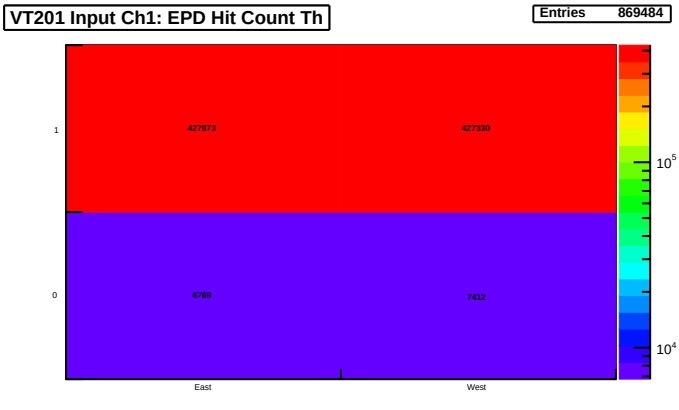

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

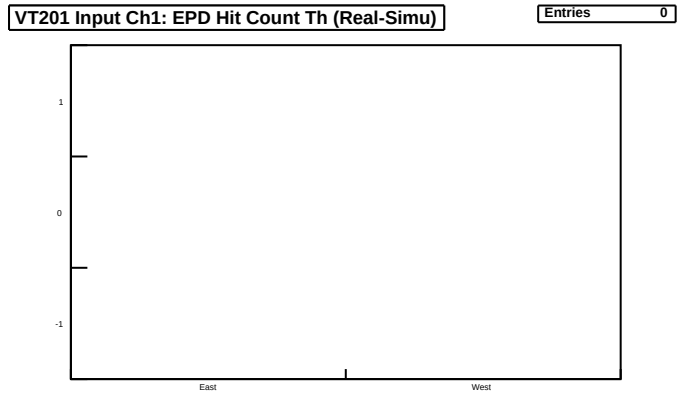

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 869484
339534
342022
95208
92720
East
West

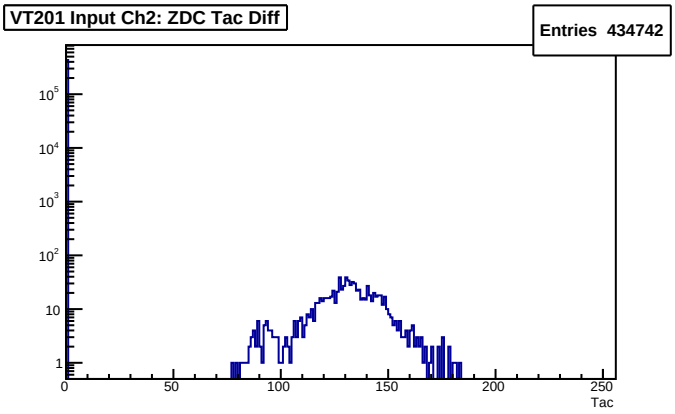

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

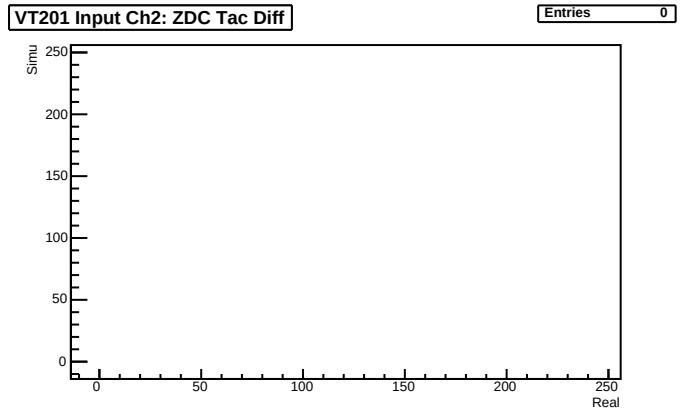

VT201 Input Ch1: EPD Tac Diff
Entries 434742
Tac

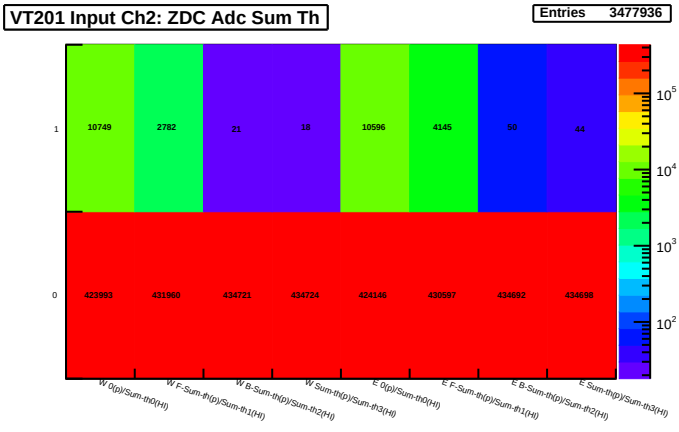

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

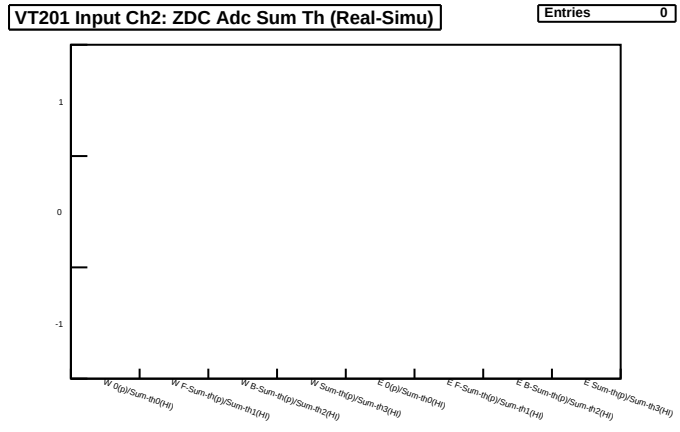

VT201 Input Ch1: EPD Hit Count Th
Entries 869484
427973
427330
6769
7412
East
West

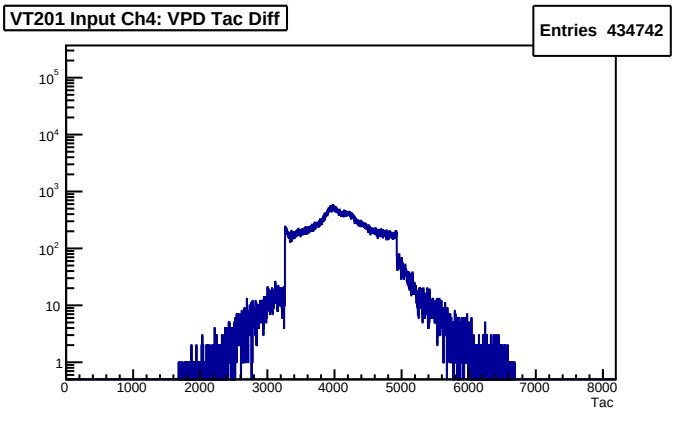

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

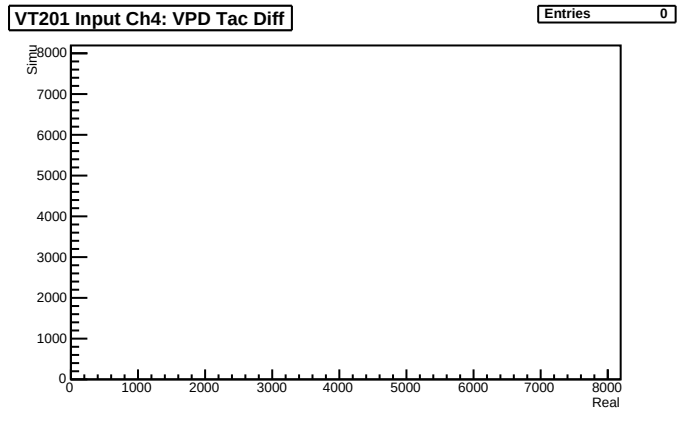

VT201 Input Ch2: ZDC Tac Diff
Entries 434742
Tac

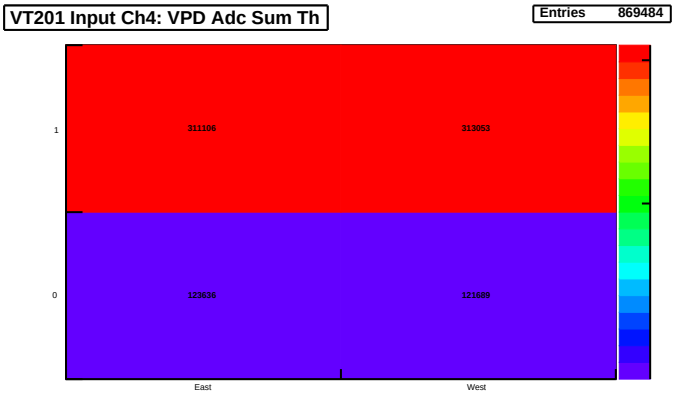

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

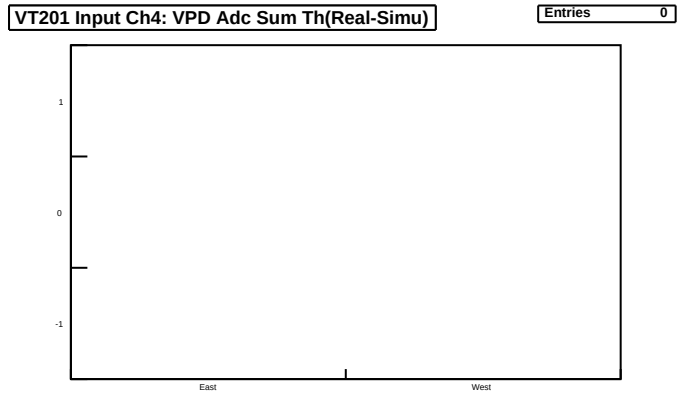

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3477936
10749
2782
21
18
10596
4145
50
44
423993
431960
434721
434724
424146
430597
434692
434698
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

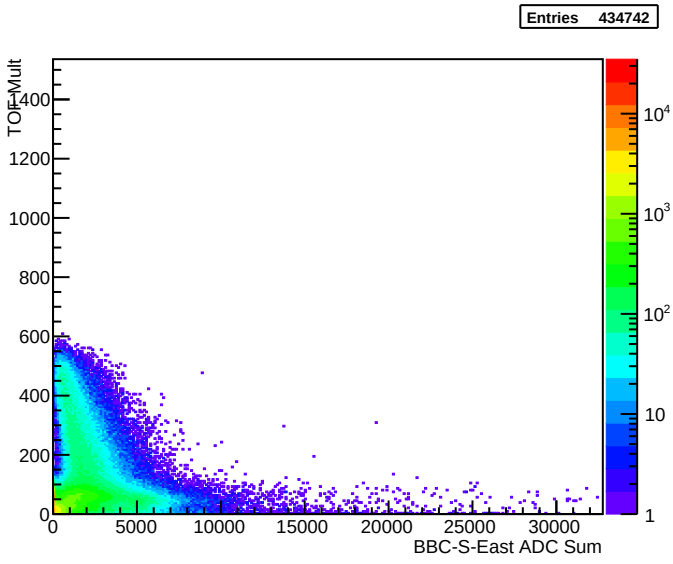

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

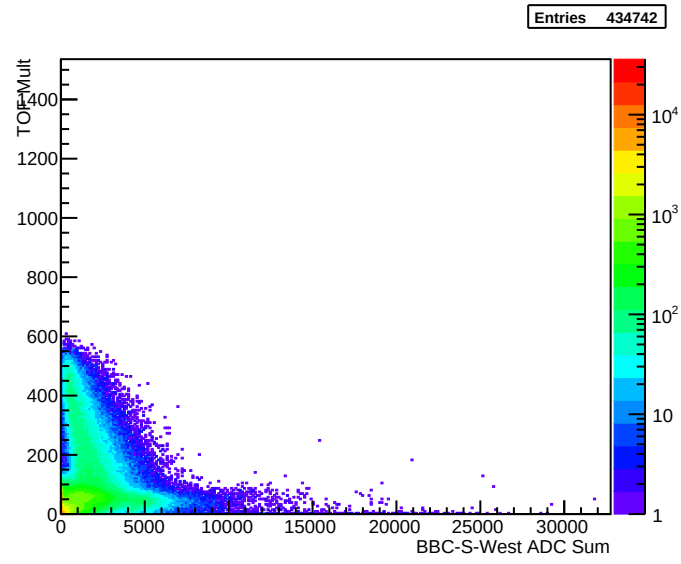

VT201 Input Ch4: VPD Tac Diff
Entries 434742
Tac

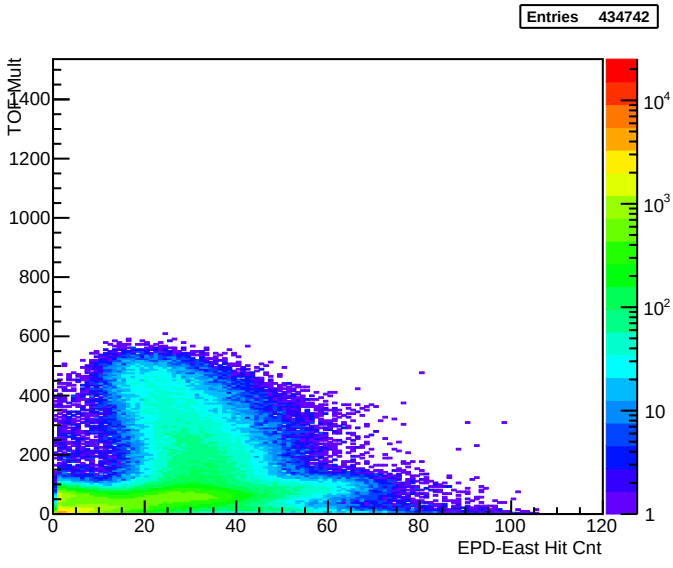

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

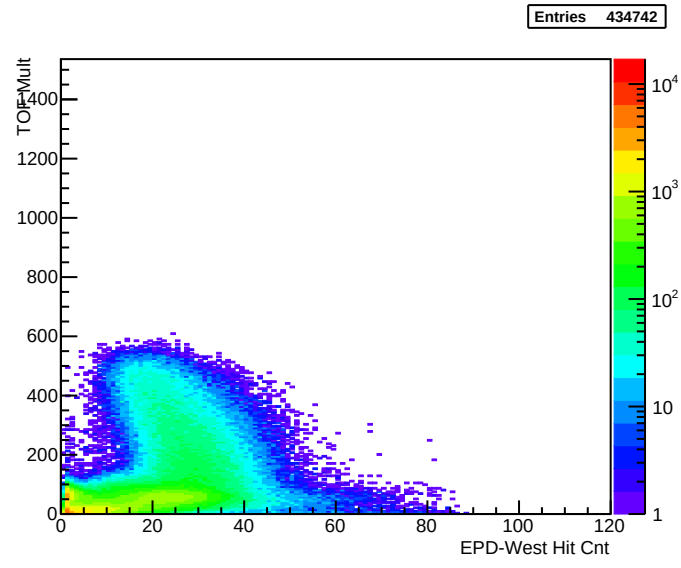

VT201 Input Ch4: VPD Adc Sum Th
Entries 869484
311106
313053
123636
121689
East
West

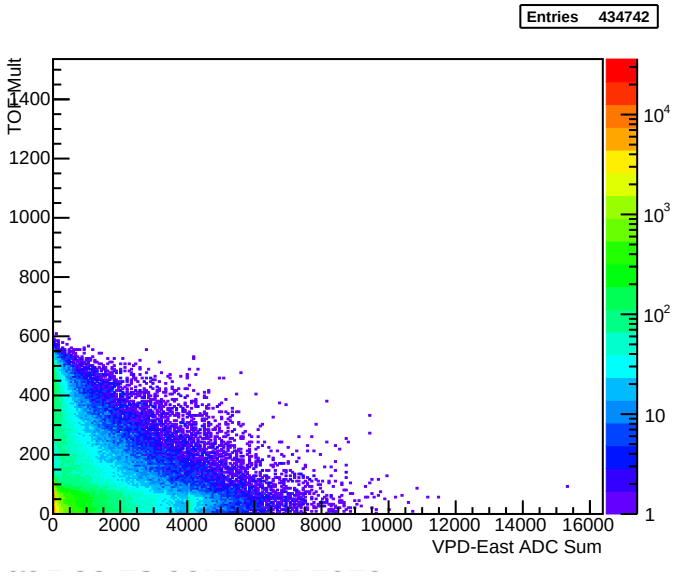

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

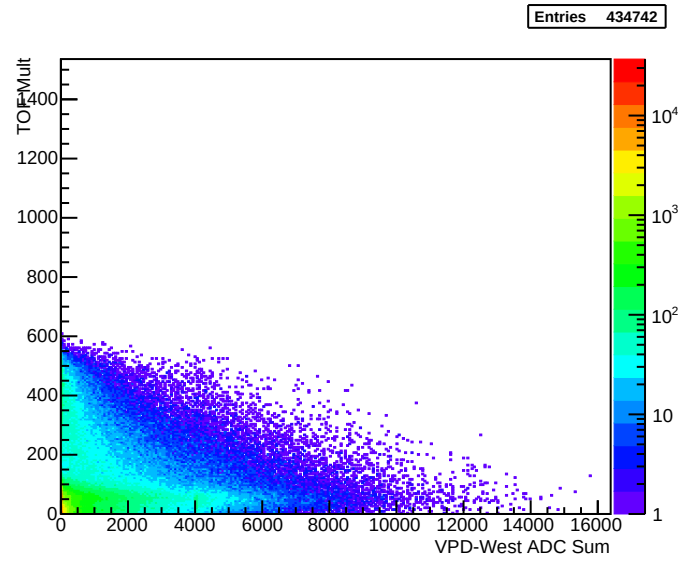

Entries 434742
TOF-Mult
BBC-S-East ADC Sum

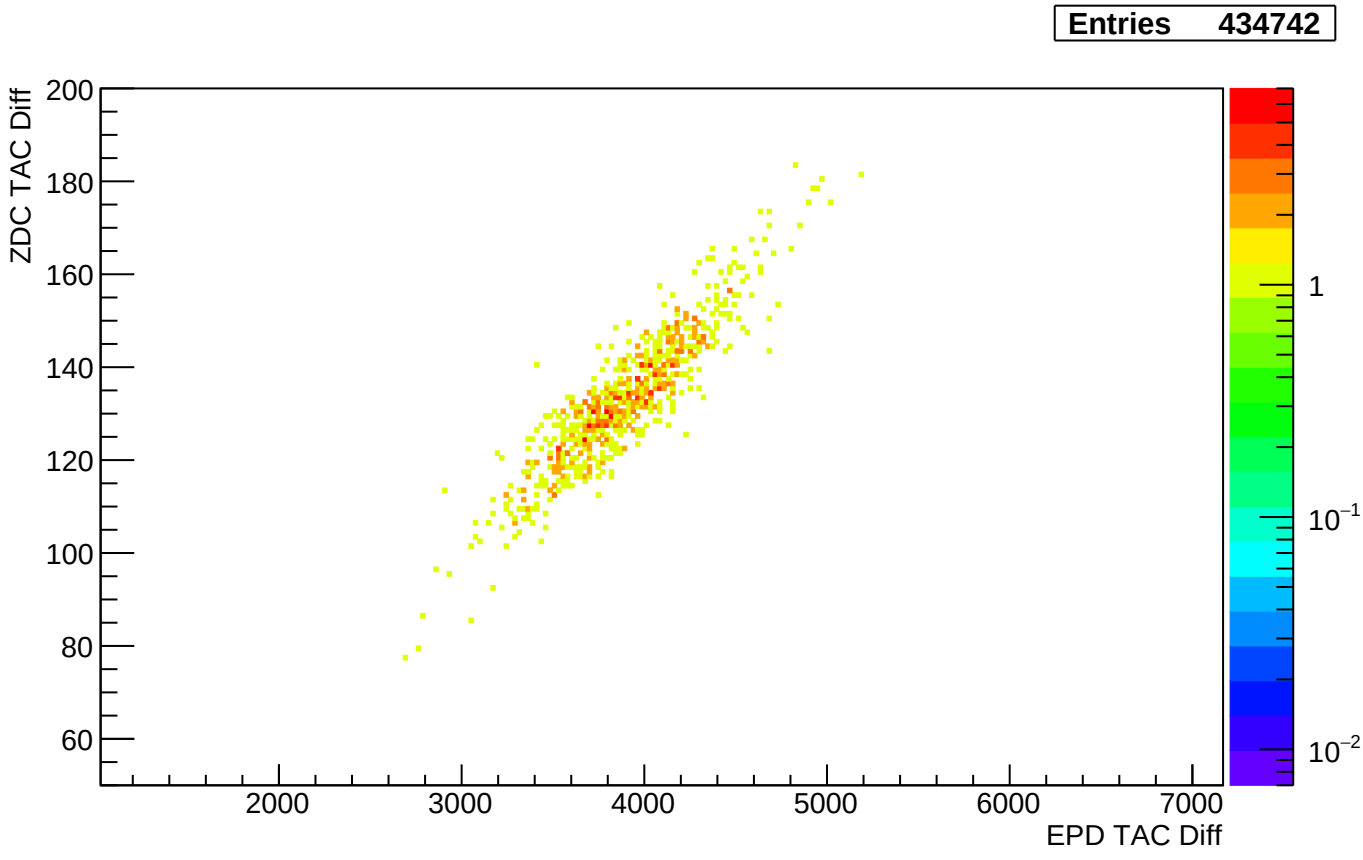

Entries 434742
TOF-Mult
BBC-S-West ADC Sum

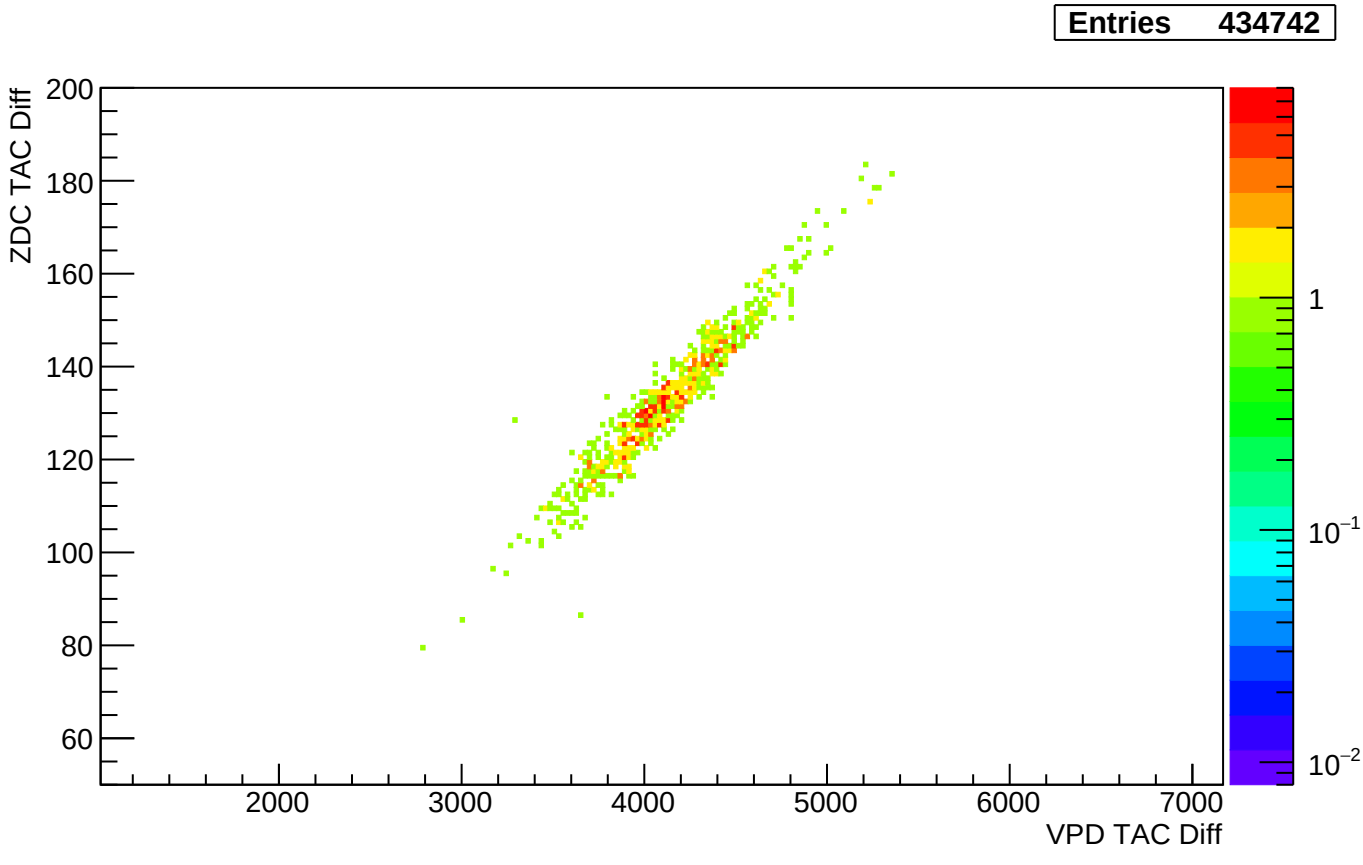

Entries 434742
TOF-Mult
EPD-East Hit Cnt

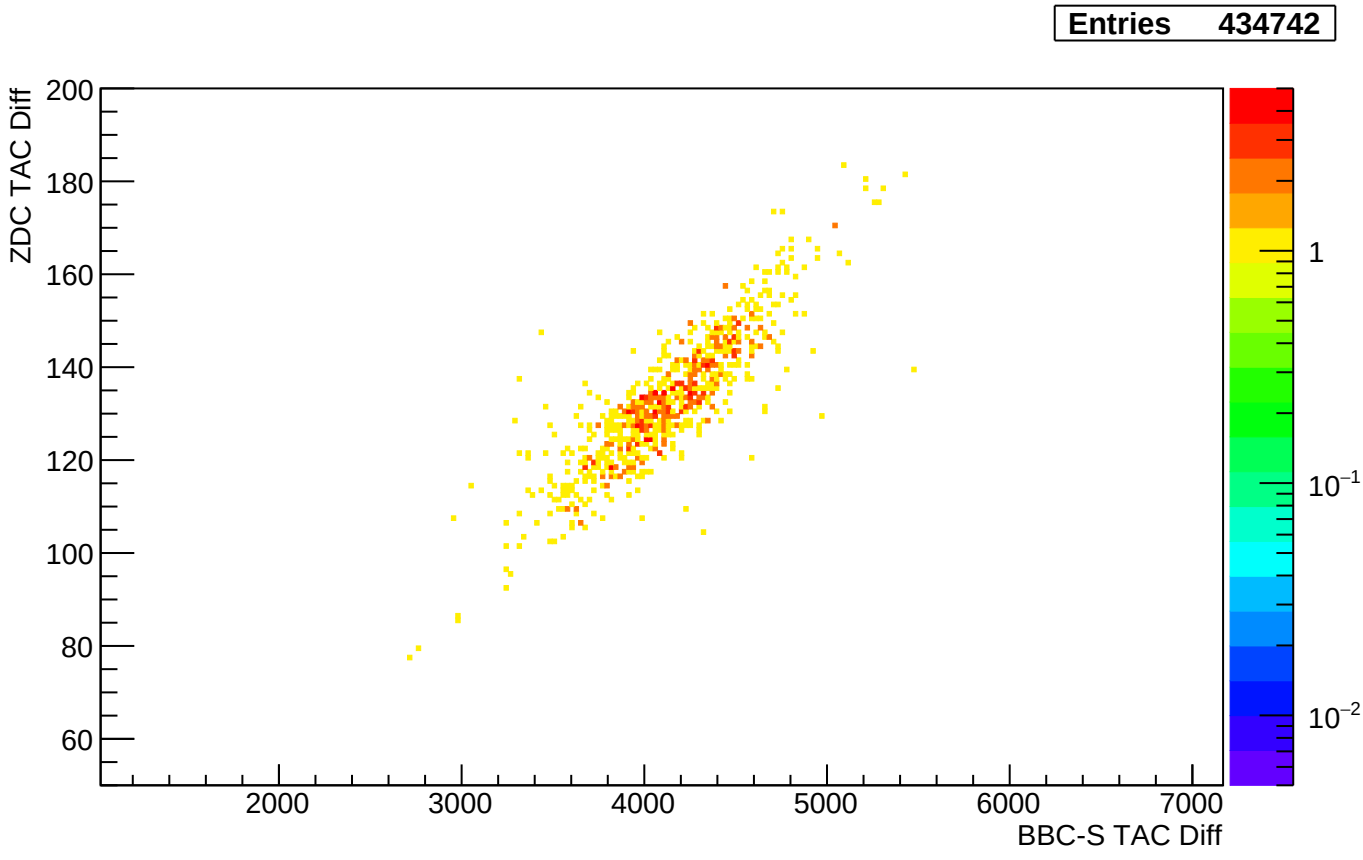

Entries 434742
TOF-Mult
EPD-West Hit Cnt

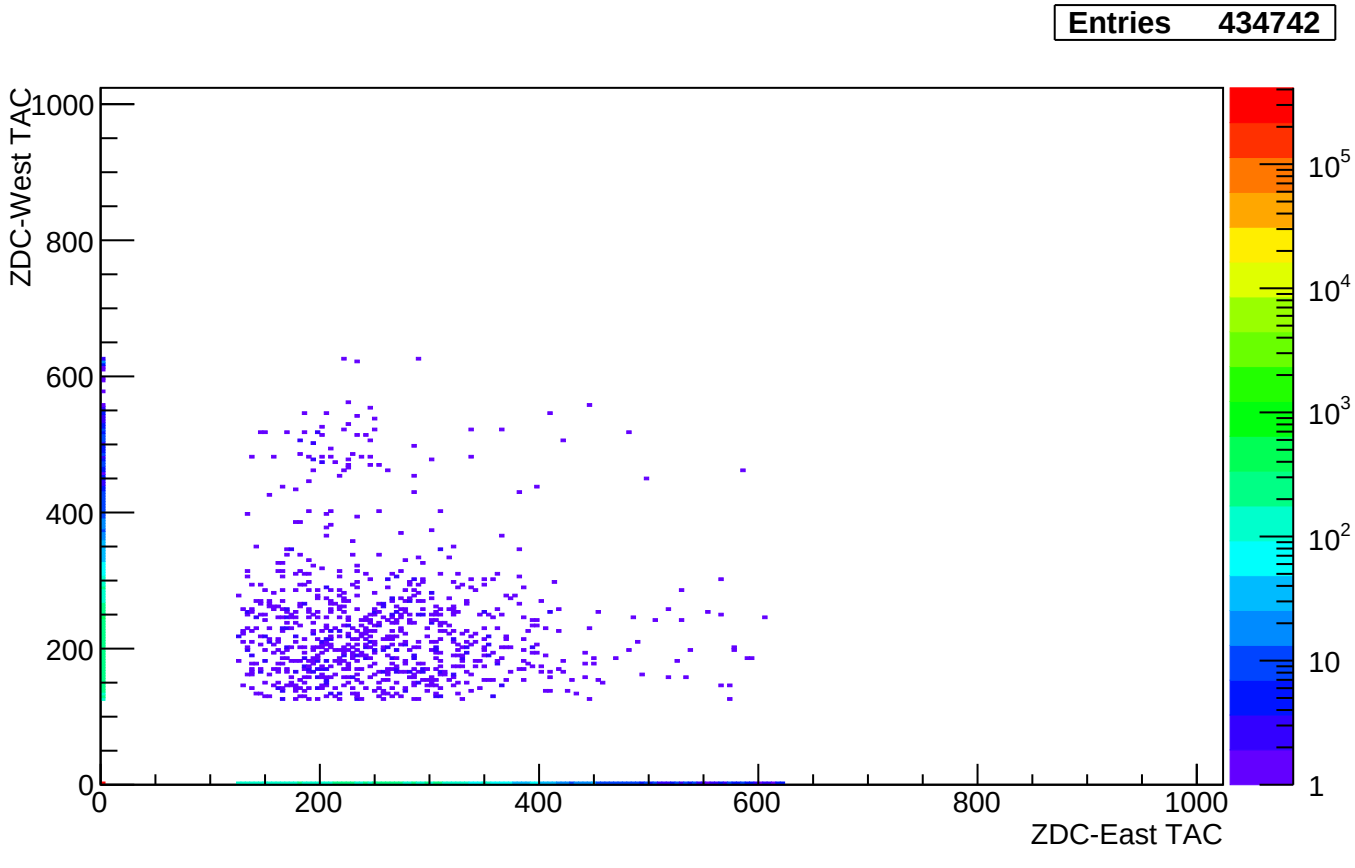

Entries 434742
TOF-Mult
VPD-East ADC Sum

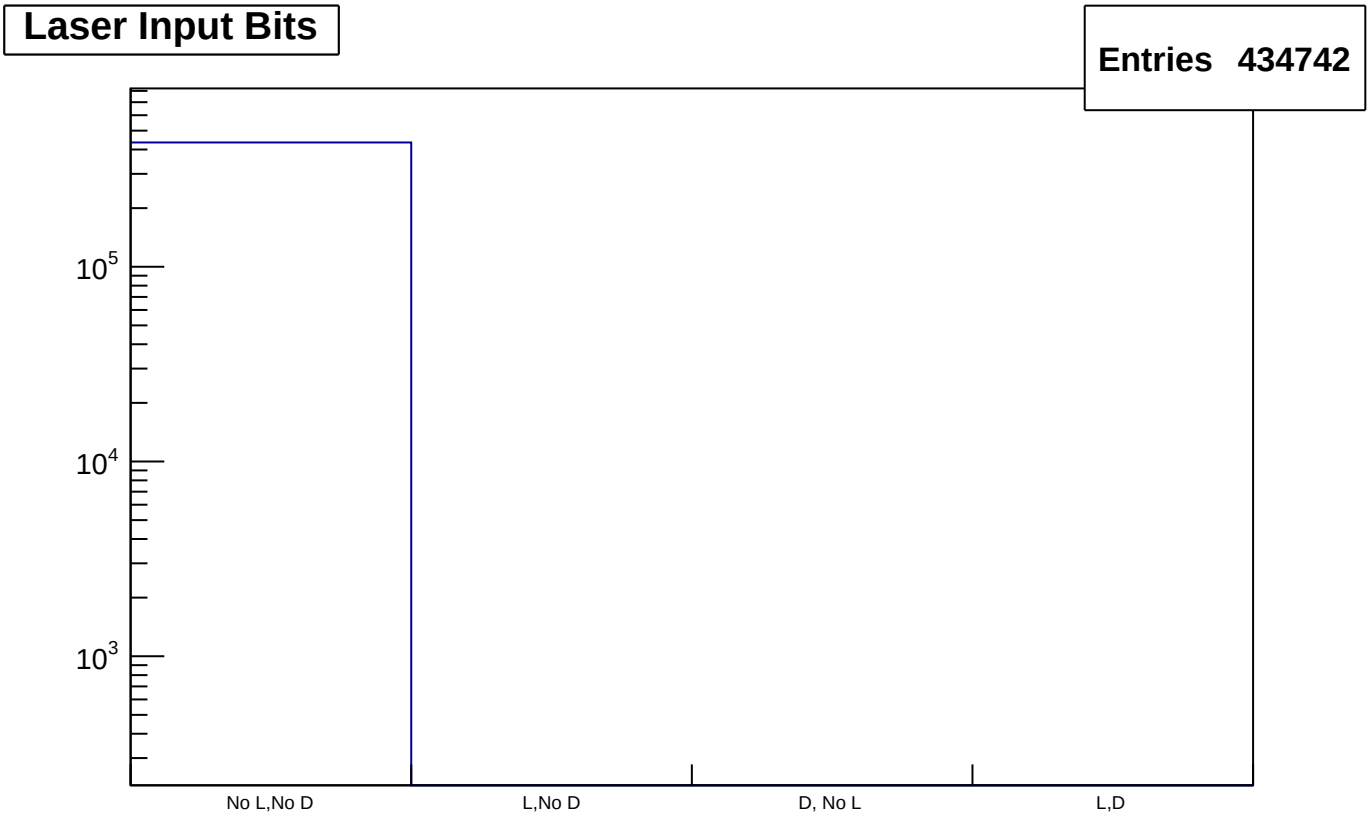

Entries 434742
TOF-Mult
VPD-West ADC Sum

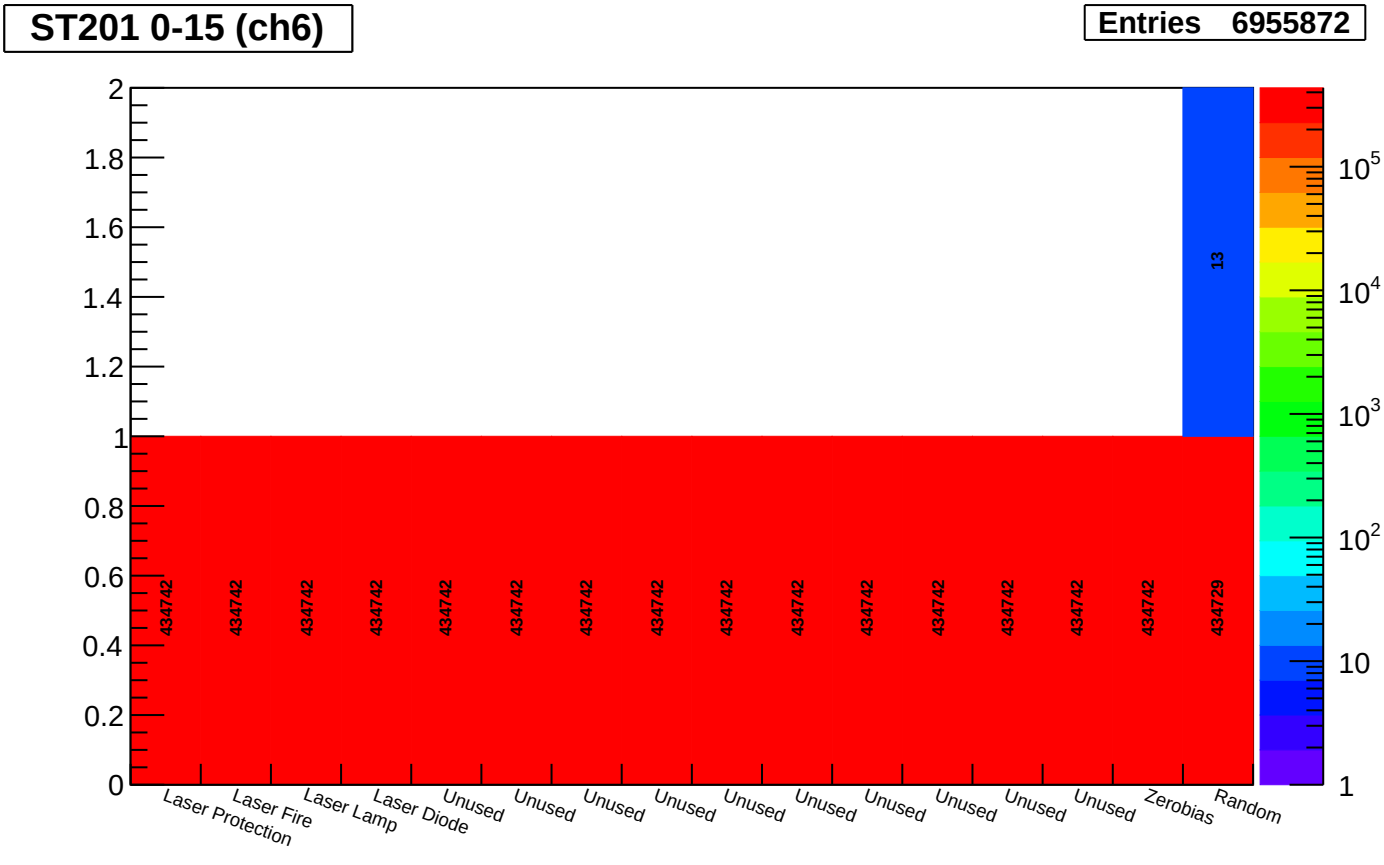

Entries 434742
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

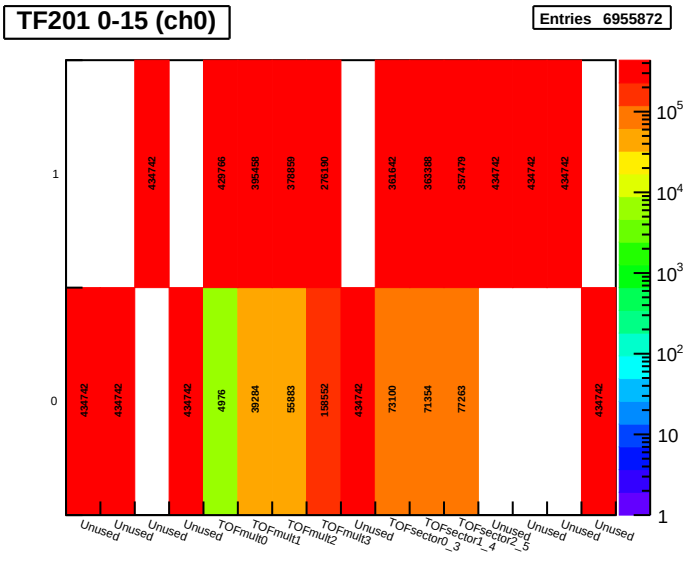

Entries 434742
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$


Entries 434742
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 434742
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 434742
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 6955872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
434742
434742
434742
434742
434742
434742
434742
434742
434742
434742
434742
434742
434742
434742
434742
434729
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
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 6955872
1
0
434742
434742
434742
434742
4976
39284
55883
158552
434742
73100
71354
77263
434742
434742
434742
434742