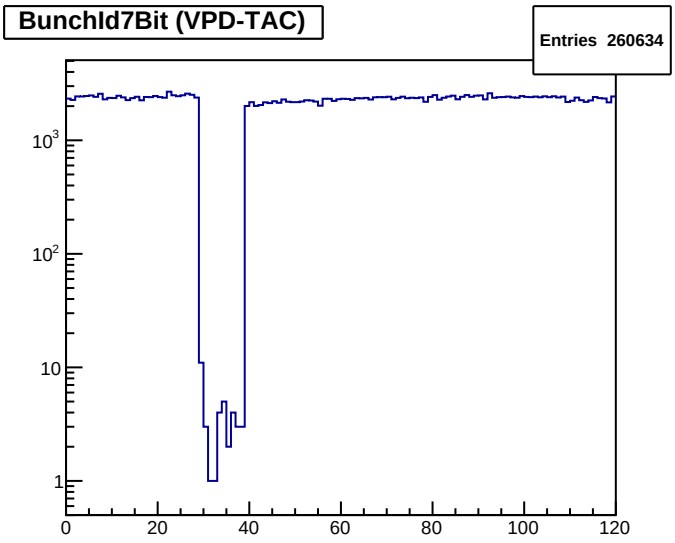
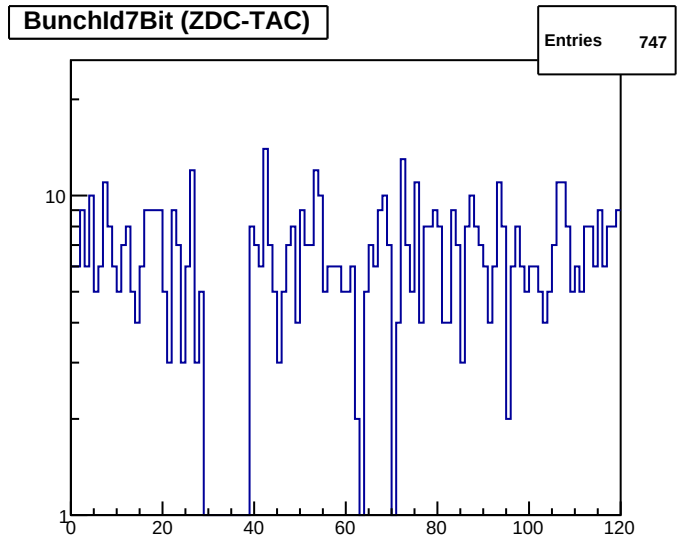
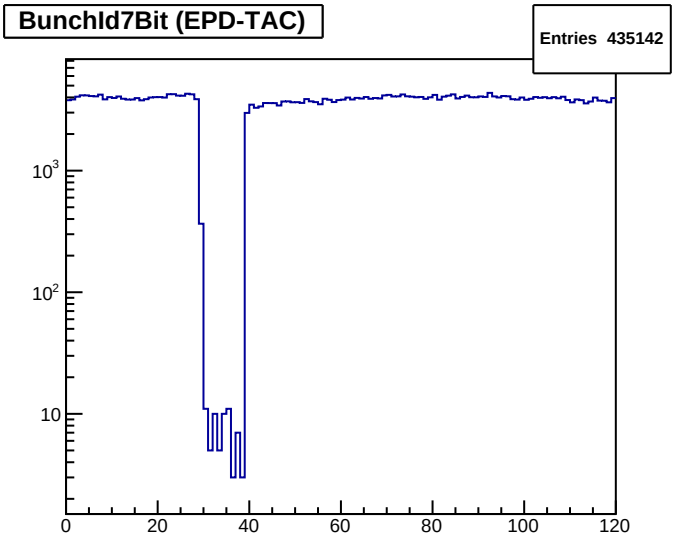
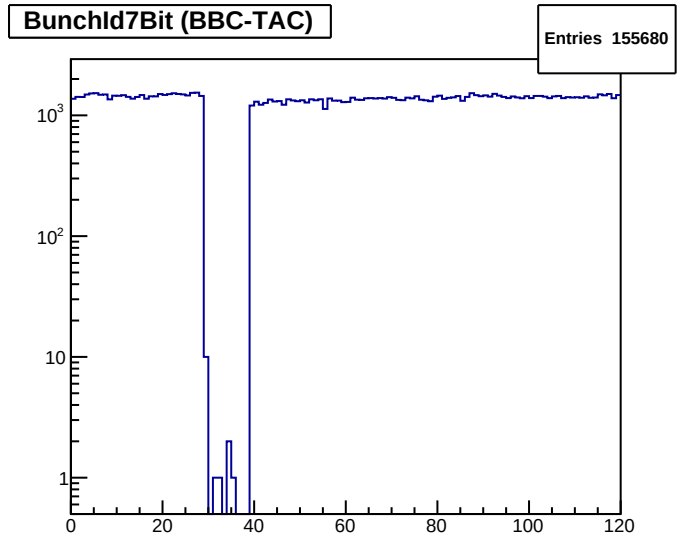
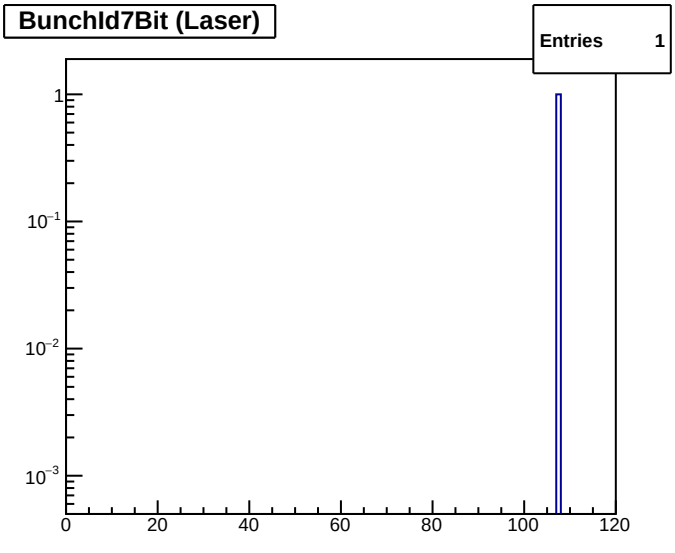
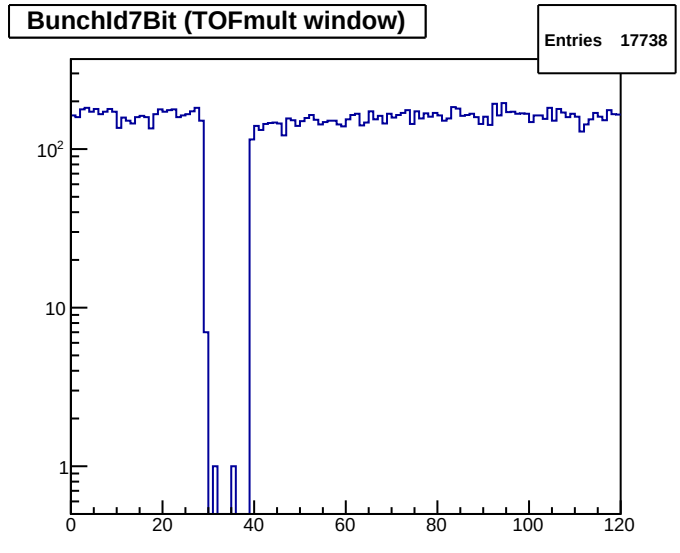

BunchId7Bit (VPD-TAC)
Entries 260634

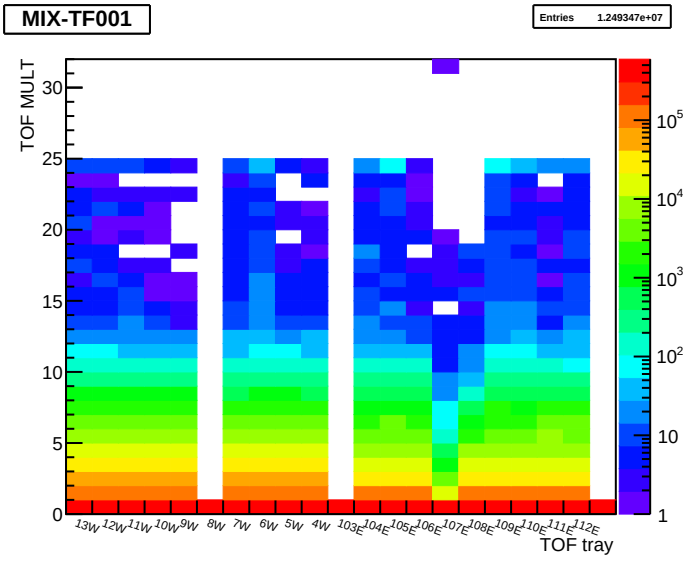

BunchId7Bit (ZDC-TAC)
Entries 747

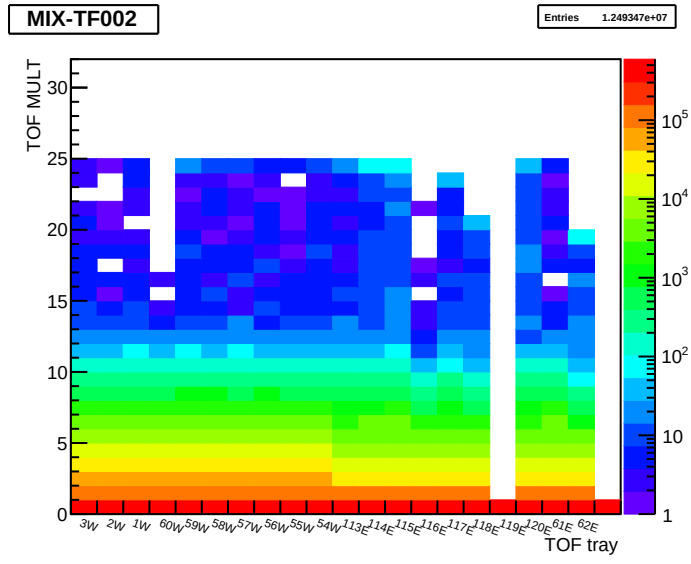

BunchId7Bit (EPD-TAC)
Entries 435142

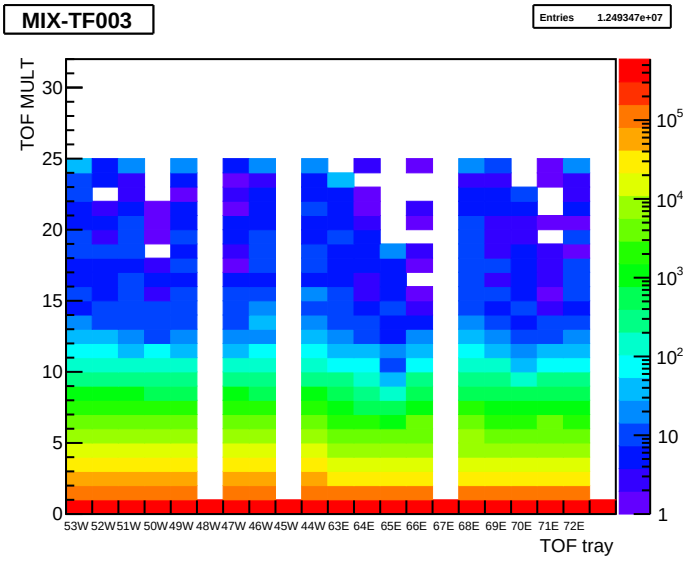

BunchId7Bit (BBC-TAC)
Entries 155680

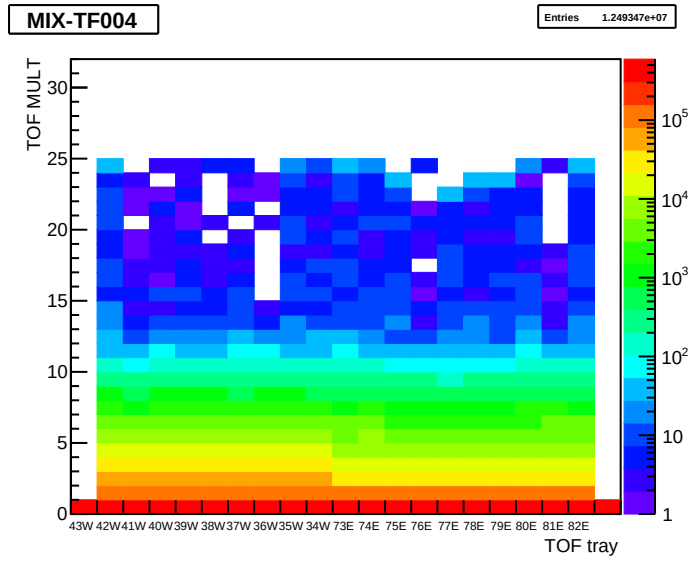

BunchId7Bit (Laser)
Entries 1

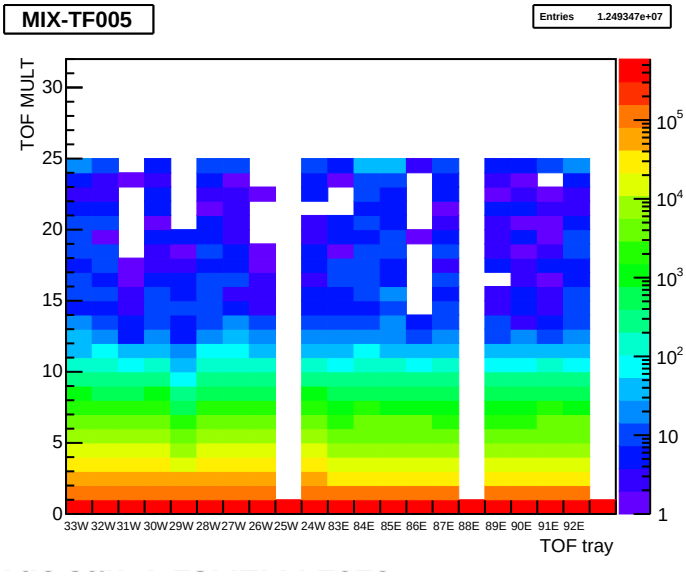

BunchId7Bit (TOFmult window)
Entries 17738

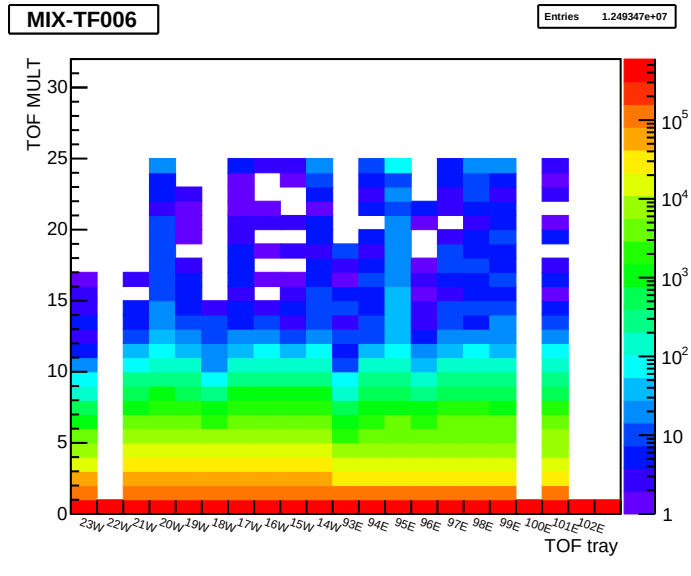

MIX-TF001
Entries 1.249347e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

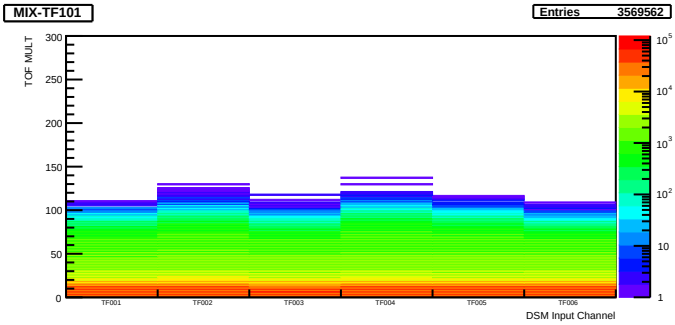

MIX-TF002
Entries 1.249347e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

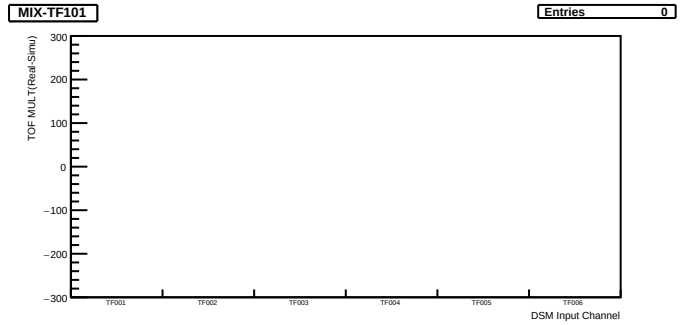

MIX-TF003
Entries 1.249347e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

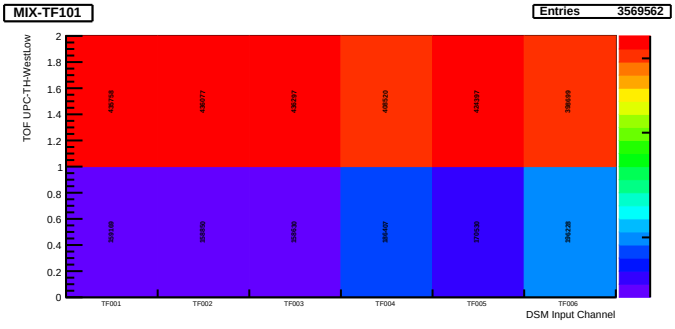

MIX-TF004
Entries 1.249347e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

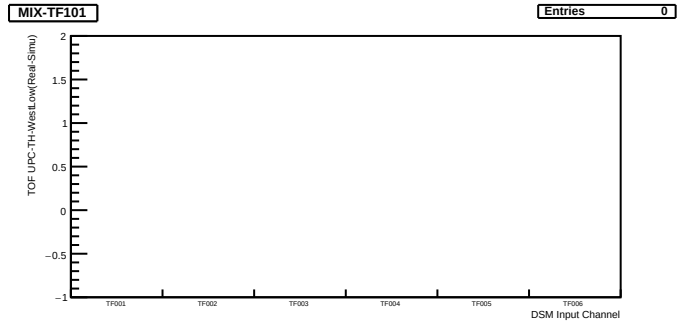

MIX-TF005
Entries 1.249347e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

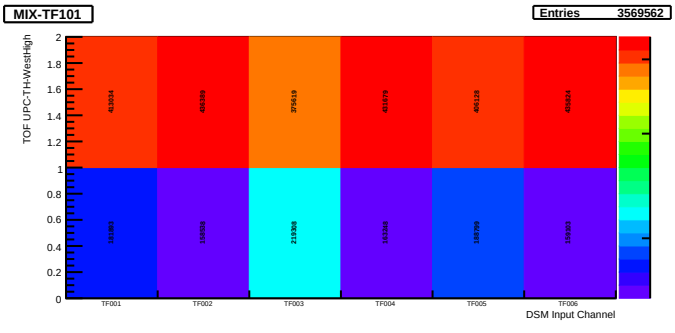

MIX-TF006
Entries 1.249347e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

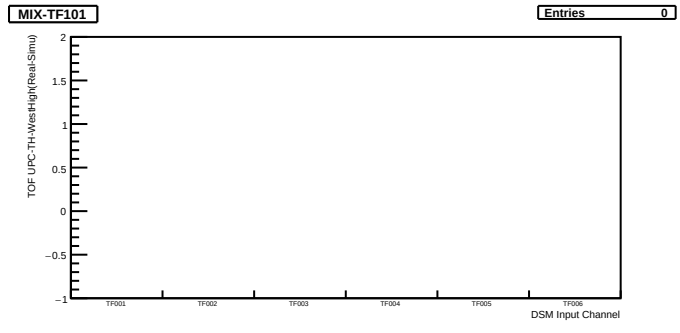

MIX-TF101
Entries 3569562
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

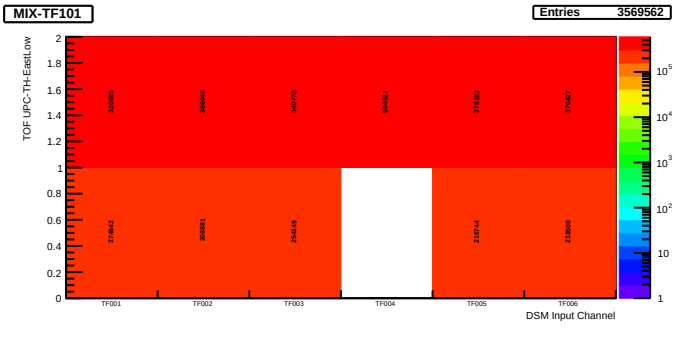

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

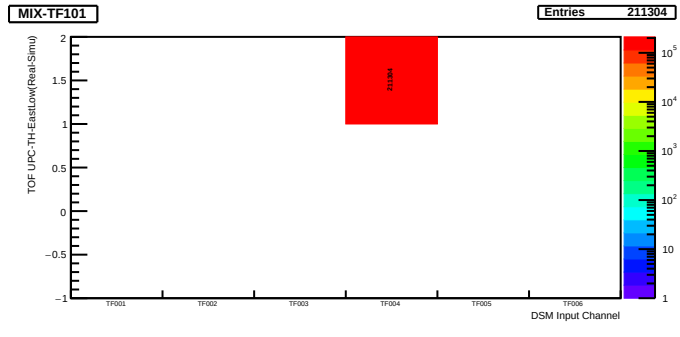

MIX-TF101
Entries 3569562
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

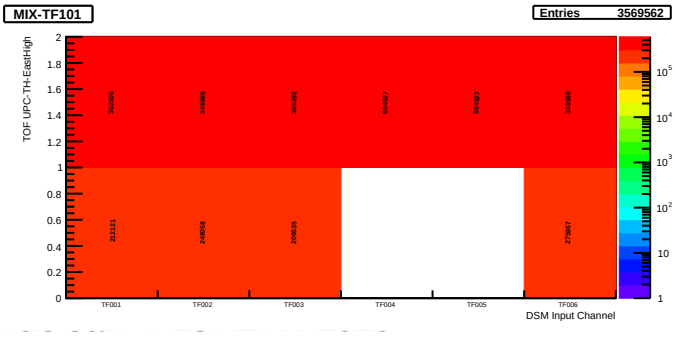

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

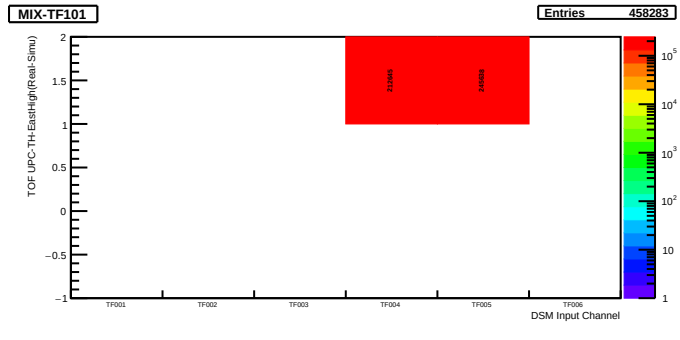

MIX-TF101
Entries 3569562
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

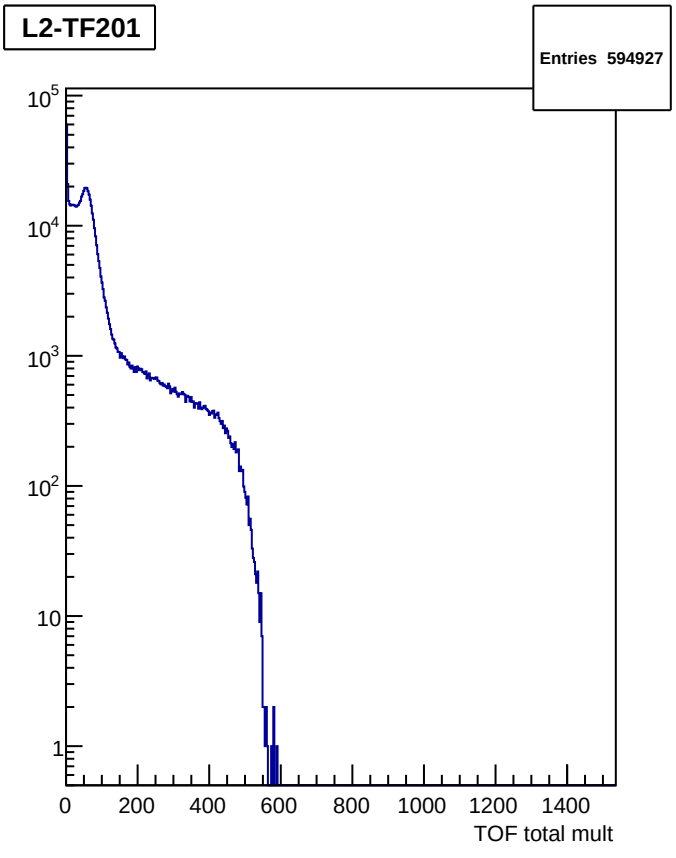

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

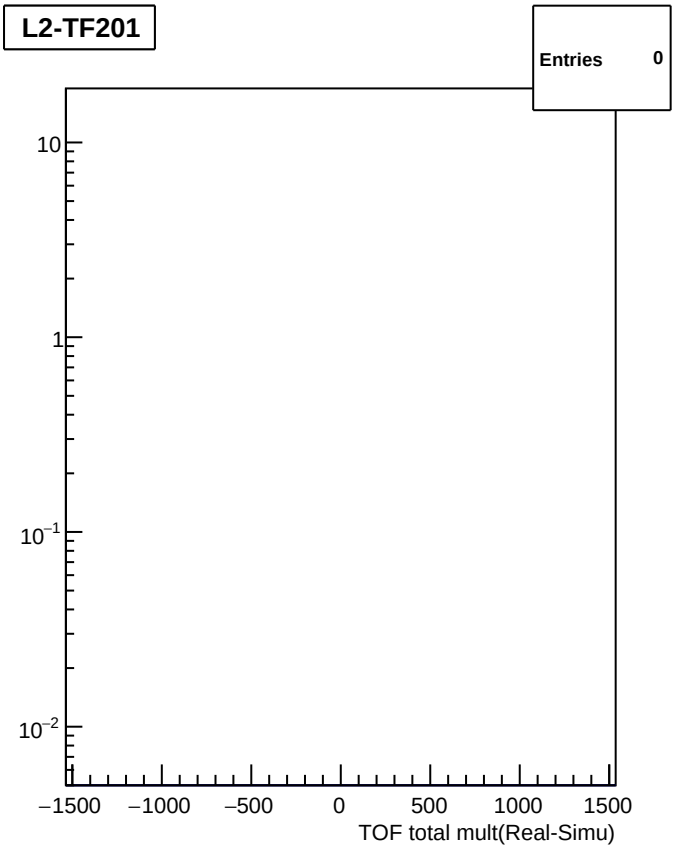

MIX-TF101
Entries 3569562
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

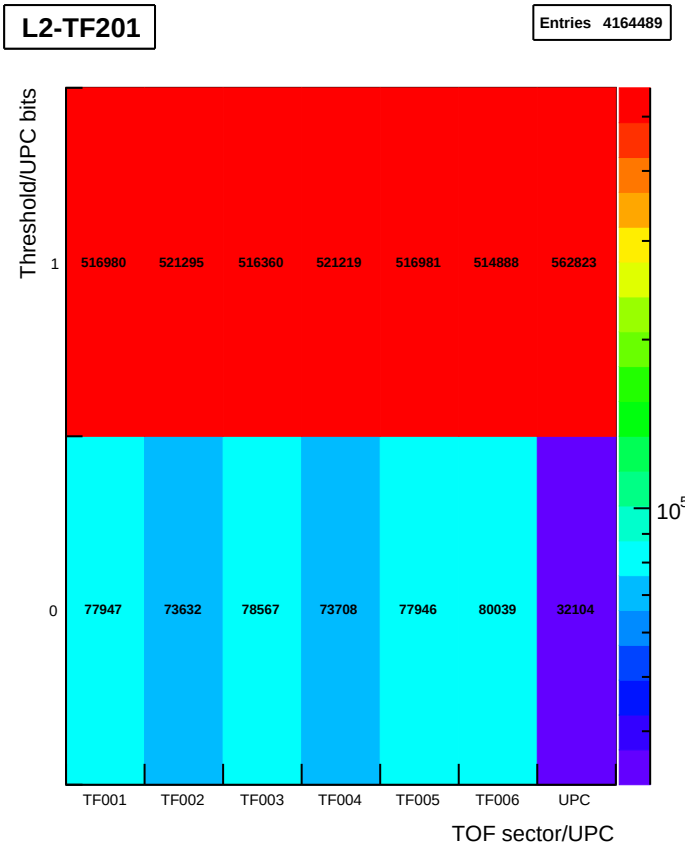

MIX-TF101
Entries 211304
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

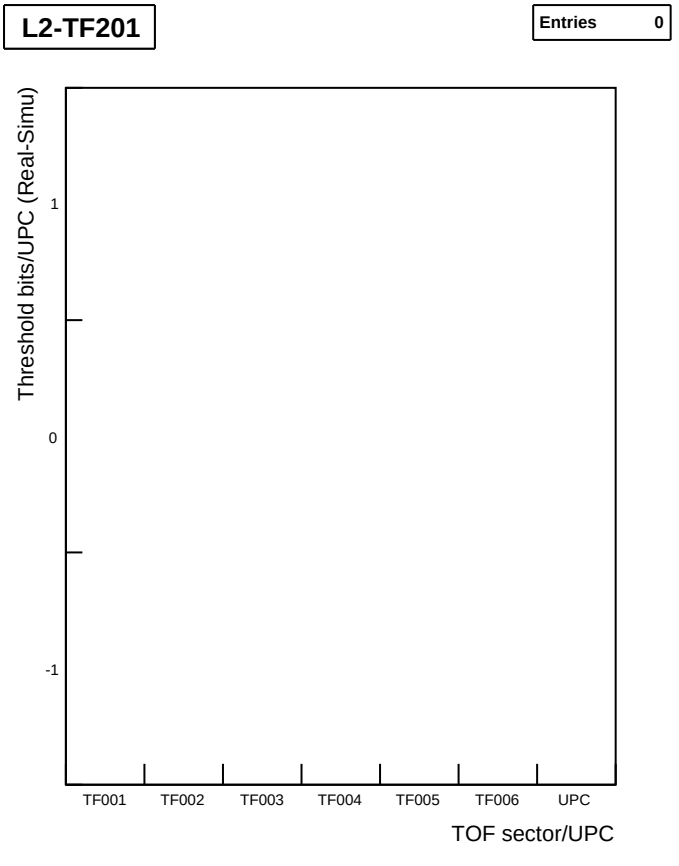

MIX-TF101
Entries 3569562
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

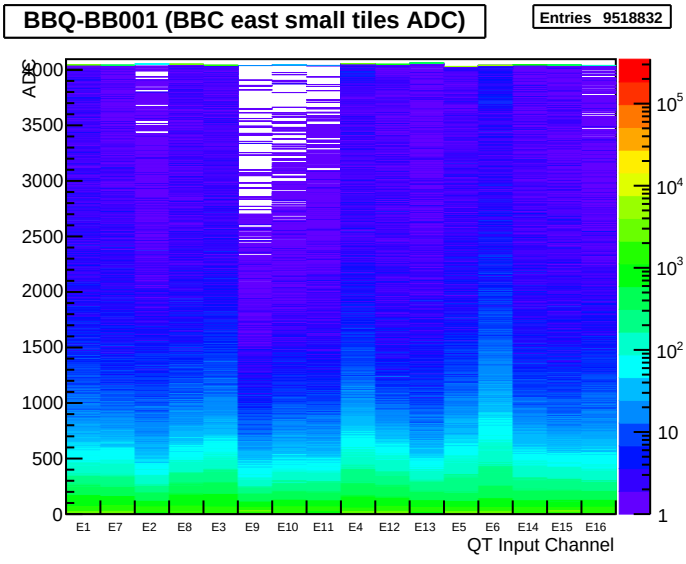

MIX-TF101
Entries 458283
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

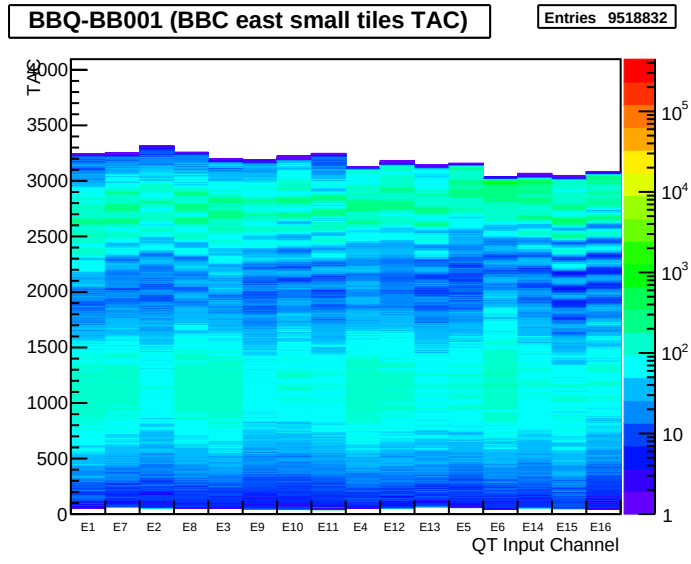

L2-TF201
Entries 594927
TOF total mult

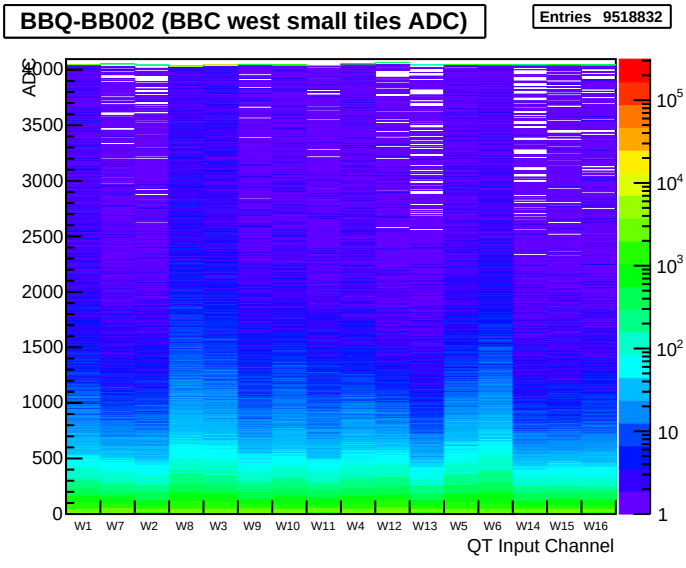

L2-TF201
Entries 0
TOF total mult(Real-Simu)

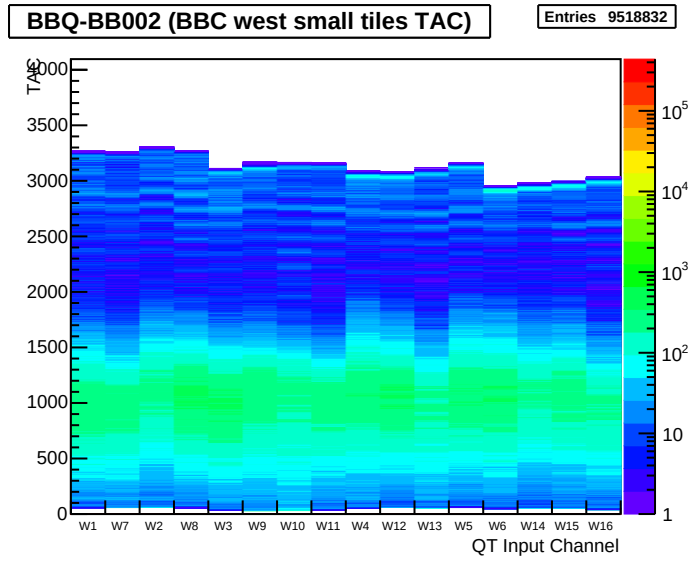

L2-TF201
Entries 4164489
Threshold/UPC bits
516980 521295 516360 521219 516981 514888 562823
77947 73632 78567 73708 77946 80039 32104
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

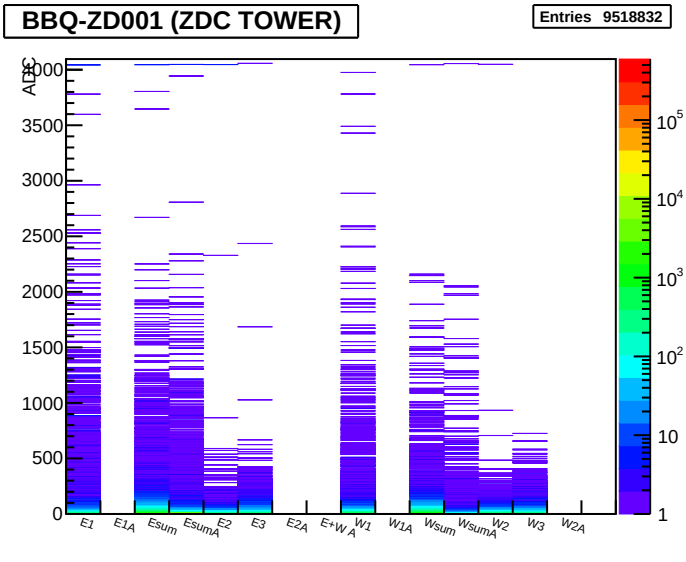

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

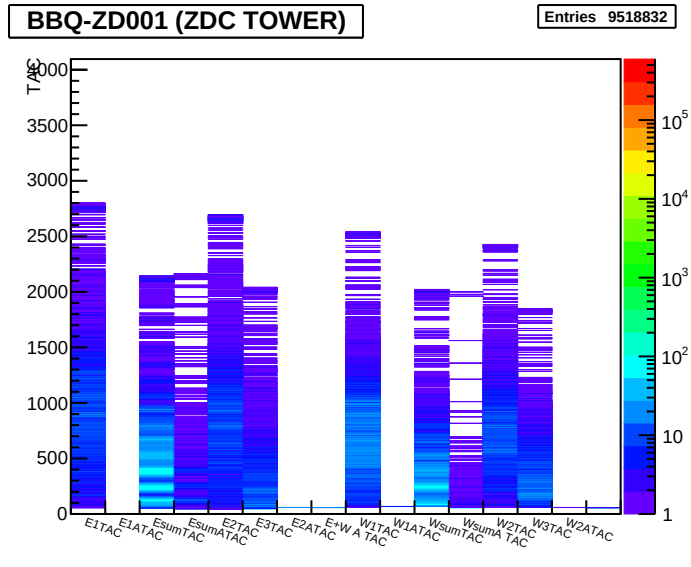

BBQ-BB001 (BBC east small tiles ADC)
Entries 9518832
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

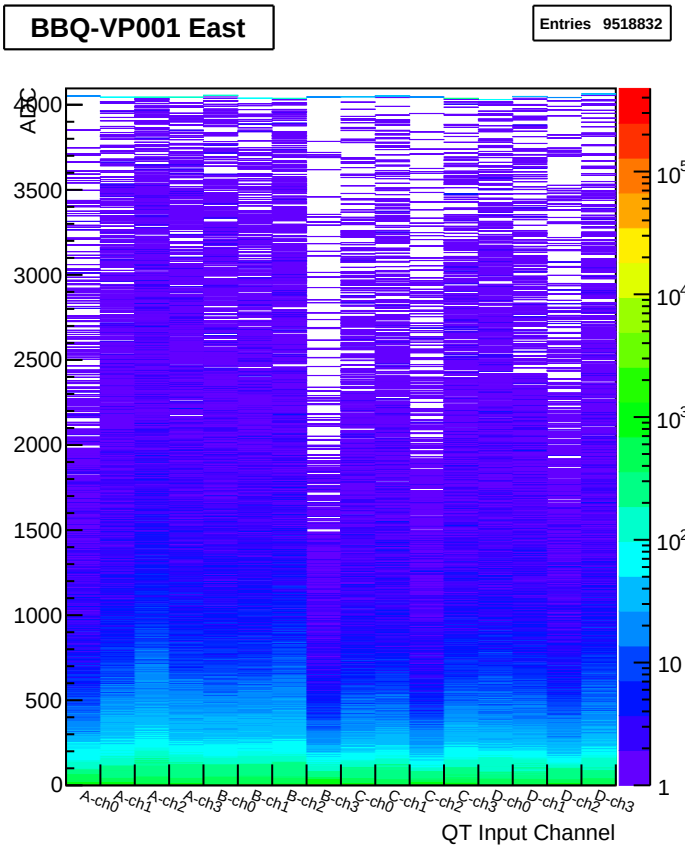

BBQ-BB001 (BBC east small tiles TAC)
Entries 9518832
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

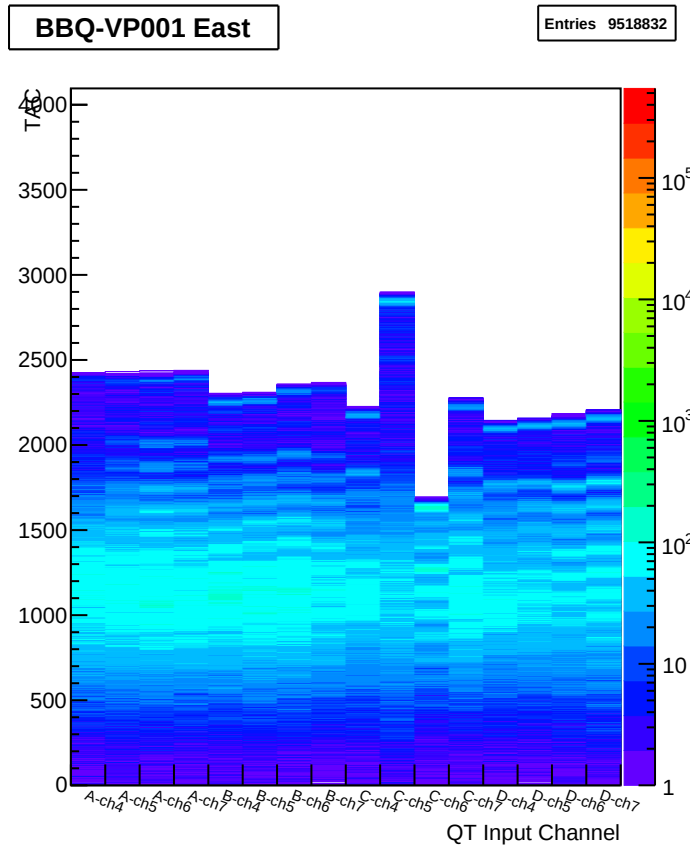

BBQ-BB002 (BBC west small tiles ADC)
Entries 9518832
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

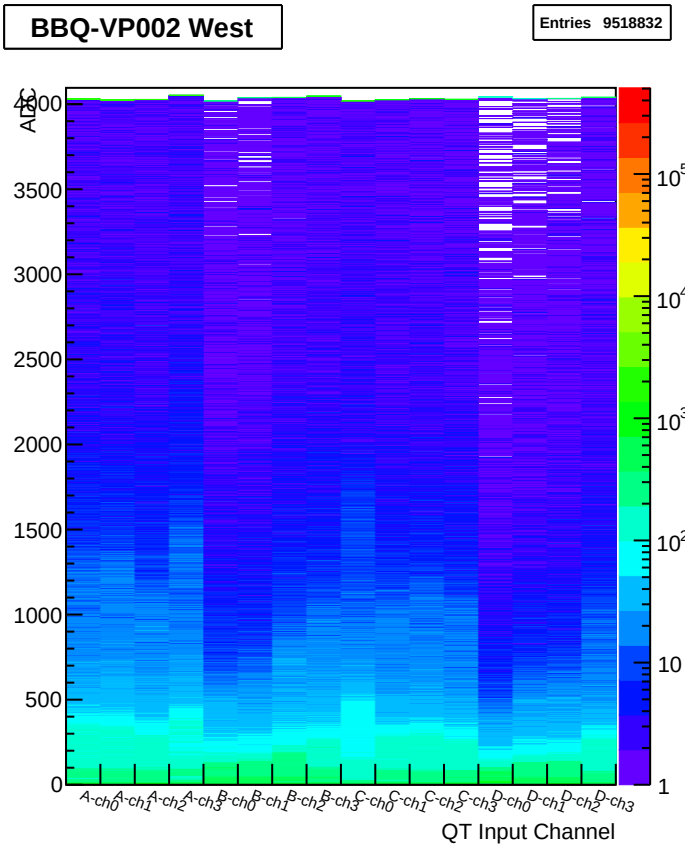

BBQ-BB002 (BBC west small tiles TAC)
Entries 9518832
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

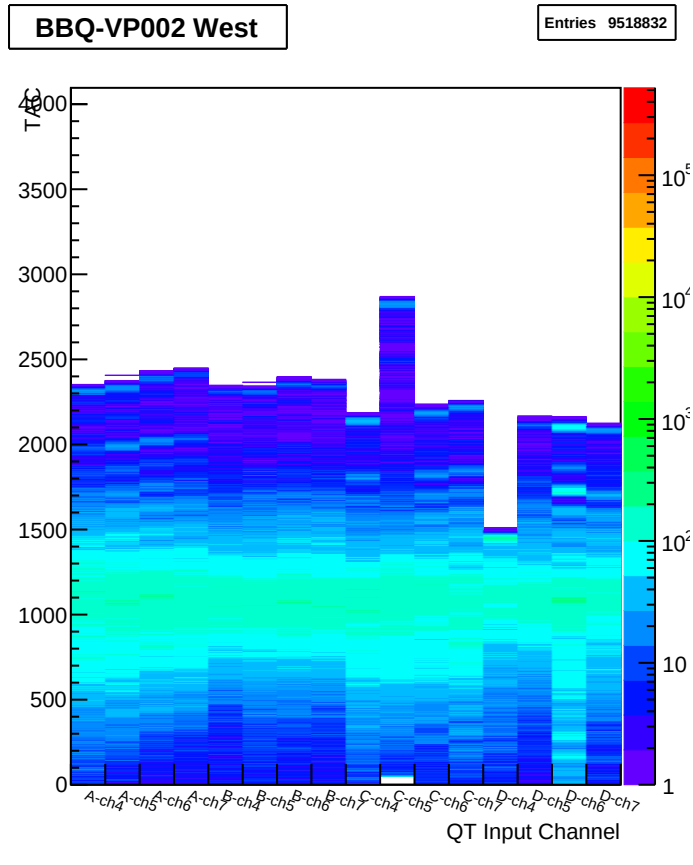

BBQ-ZD001 (ZDC TOWER)
Entries 9518832
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

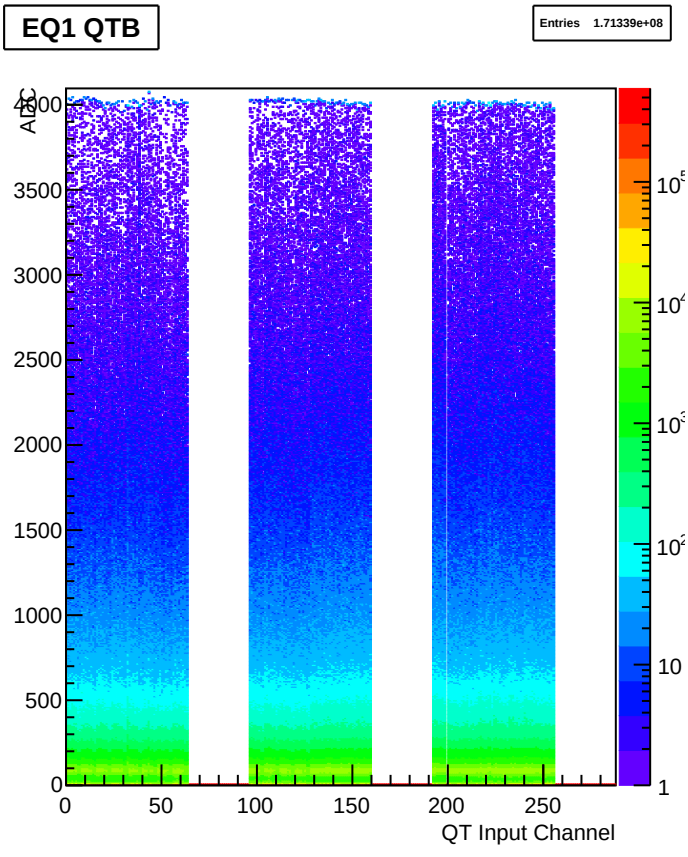

BBQ-ZD001 (ZDC TOWER)
Entries 9518832
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

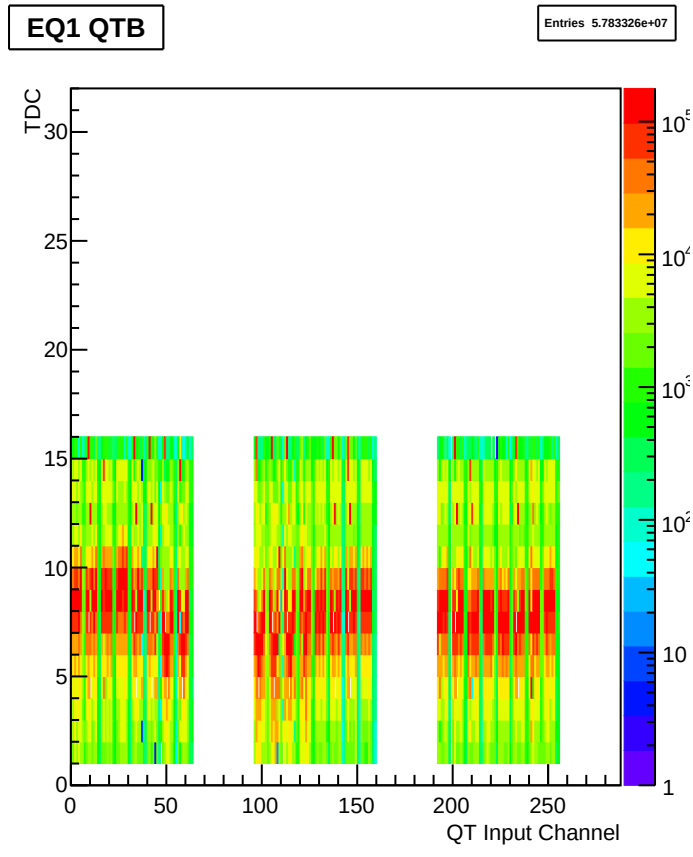

BBQ-VP001 East
Entries 9518832
ADC
QT Input Channel

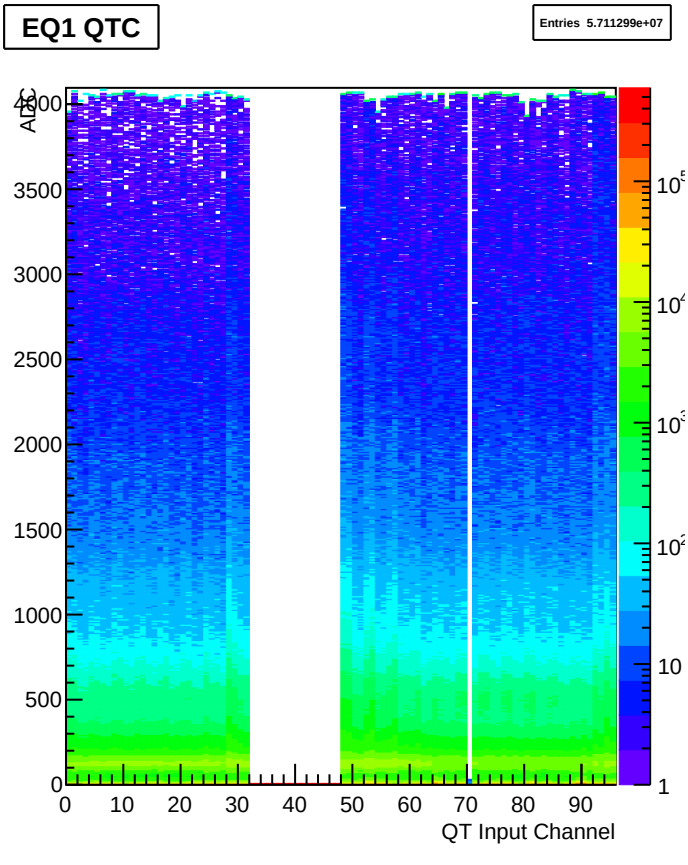

BBQ-VP001 East
Entries 9518832
TADC
QT Input Channel

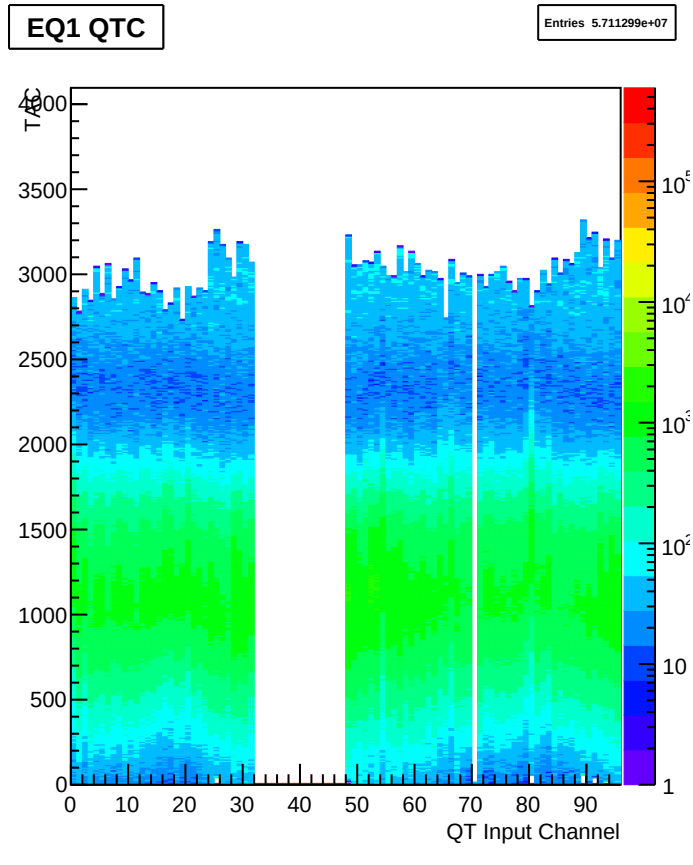

BBQ-VP002 West
Entries 9518832
ADC
QT Input Channel

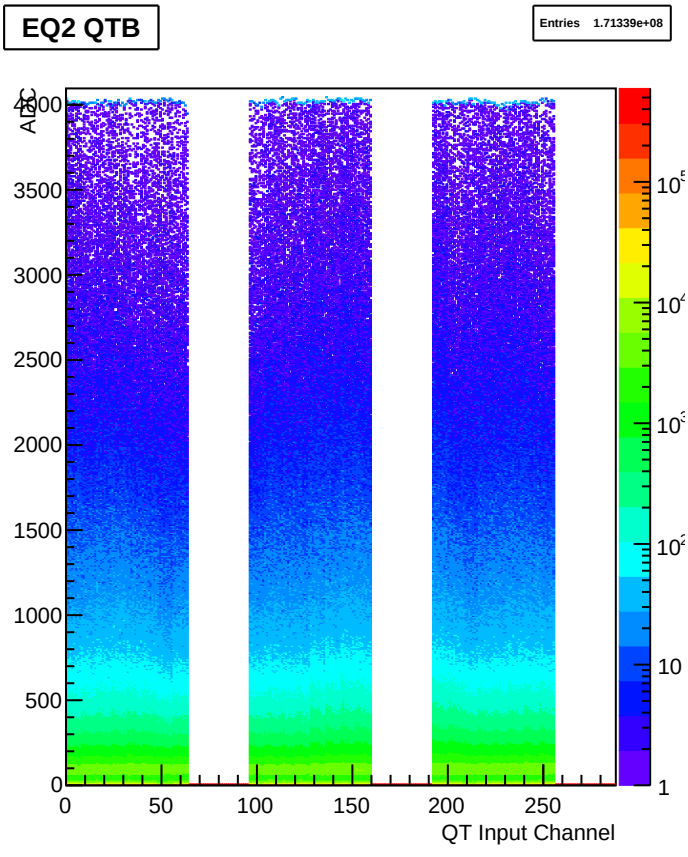

BBQ-VP002 West
Entries 9518832
TADC
QT Input Channel

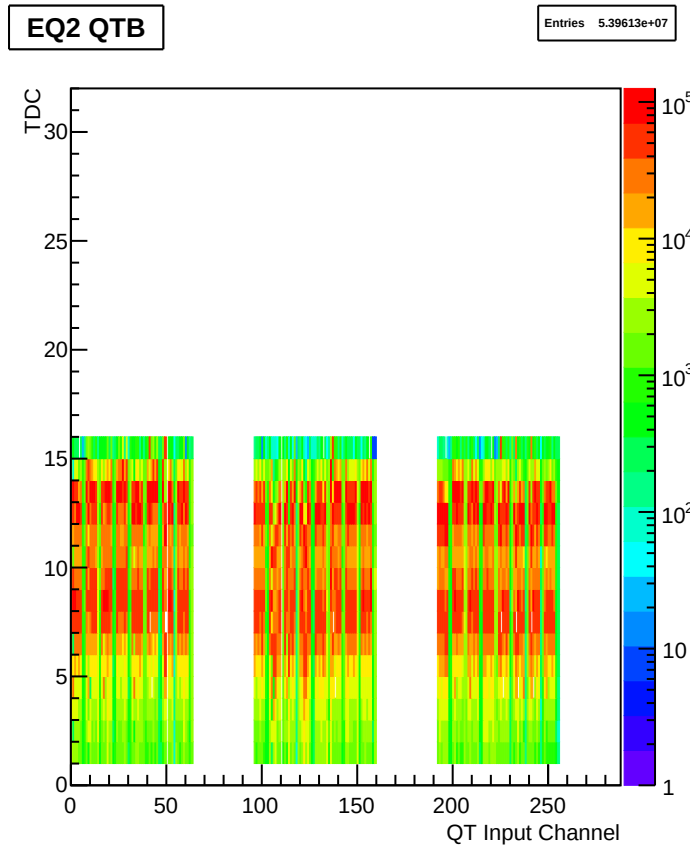

EQ1 QTB
Entries 1.71339e+08
ADC
QT Input Channel

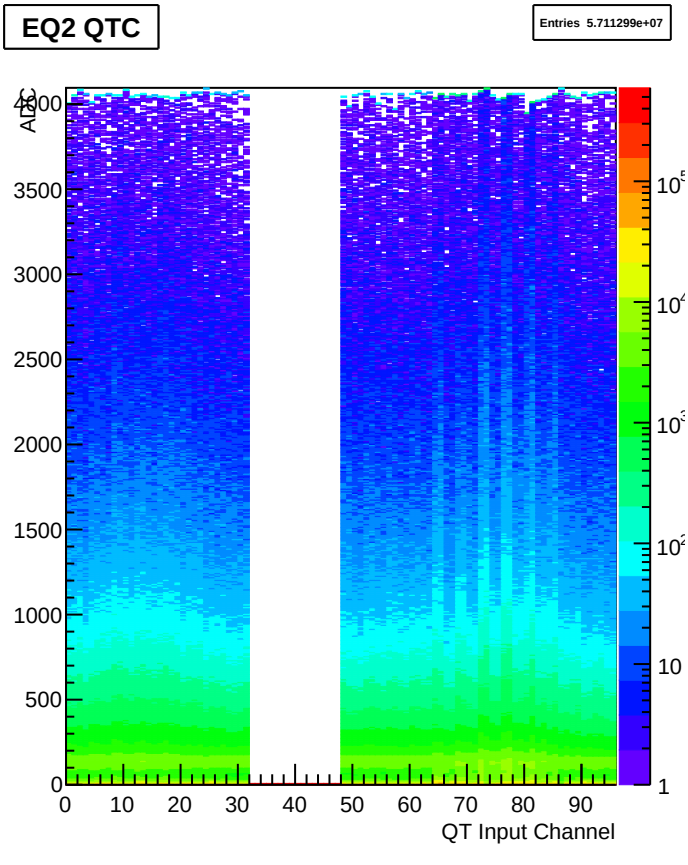

EQ1 QTB
Entries 5.783326e+07
TDC
QT Input Channel

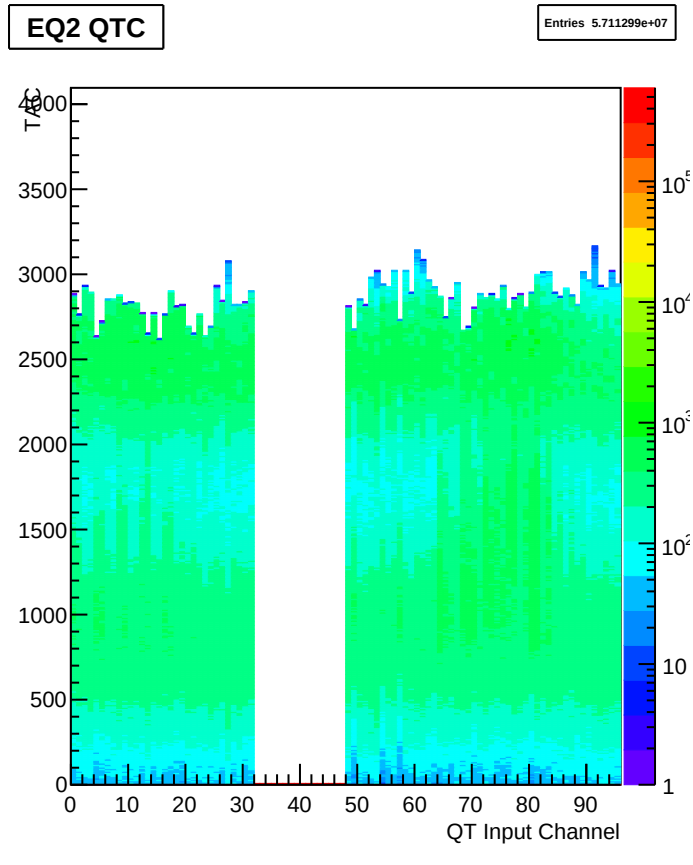

EQ1 QTC
Entries 5.711299e+07
ADC
QT Input Channel

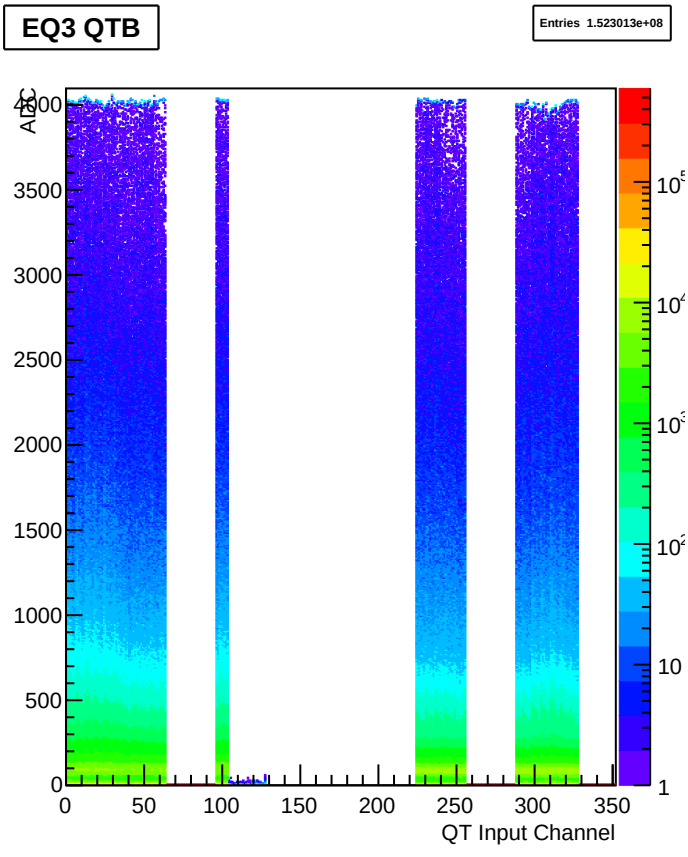

EQ1 QTC
Entries 5.711299e+07
TADC
QT Input Channel

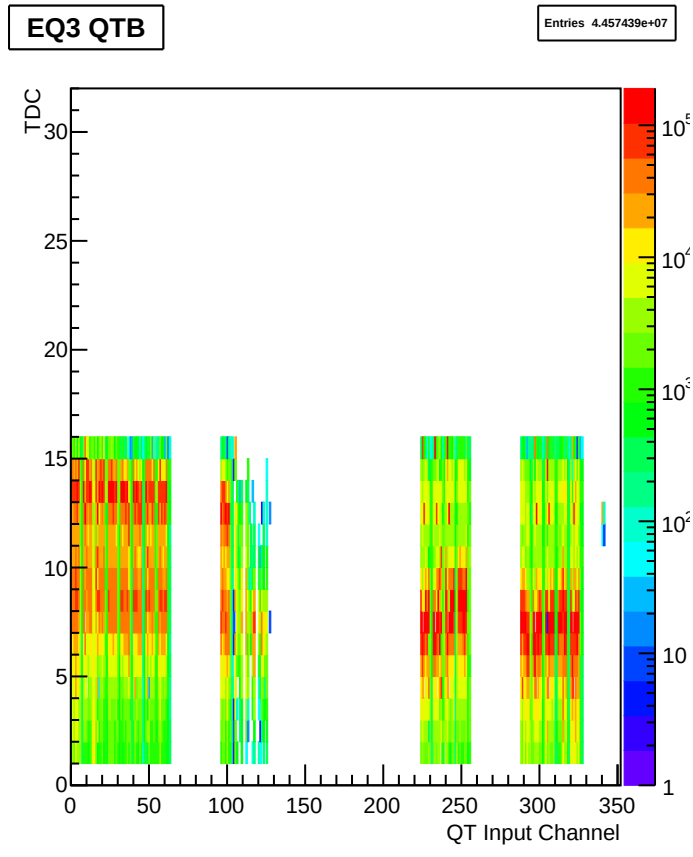

EQ2 QTB
Entries 1.71339e+08
ADC
QT Input Channel

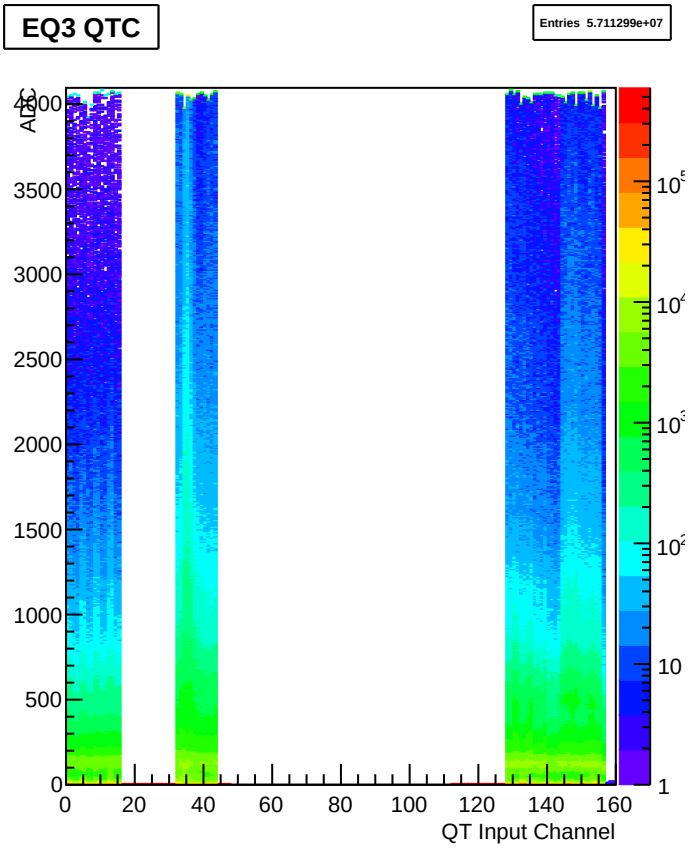

EQ2 QTB
Entries 5.39613e+07
TDC
QT Input Channel

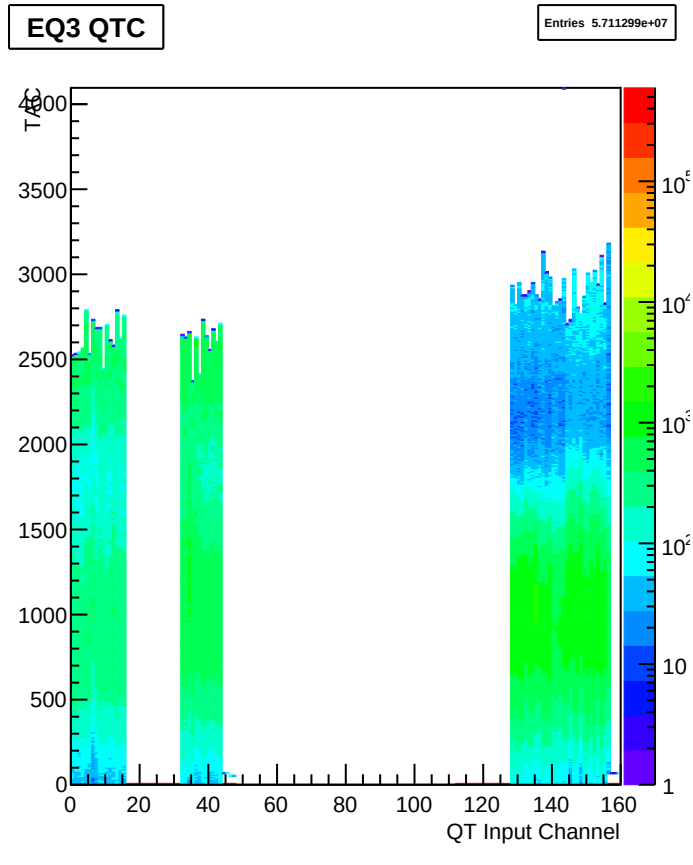

EQ2 QTC
Entries 5.711299e+07
ADC
QT Input Channel

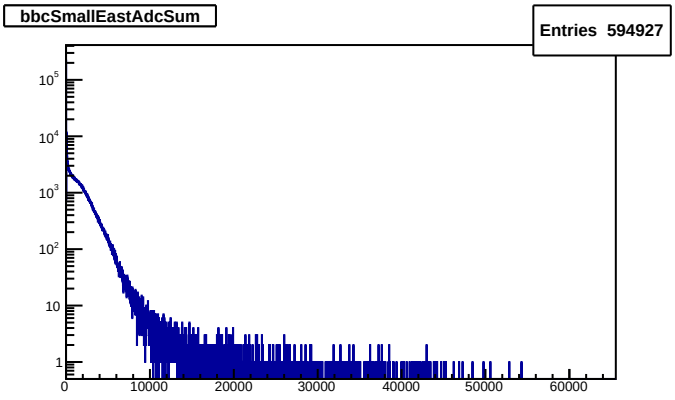

EQ2 QTC
Entries 5.711299e+07
TADC
QT Input Channel

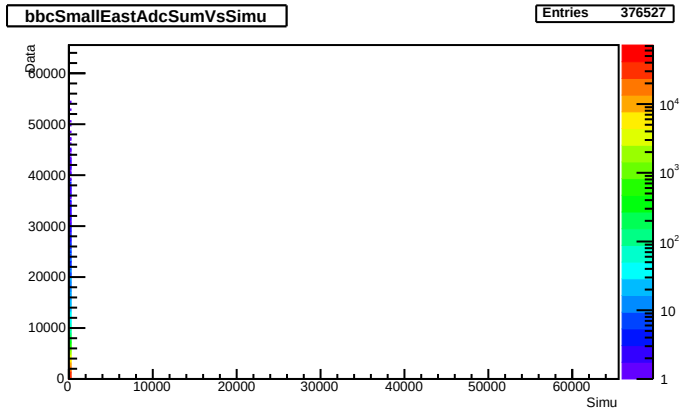

EQ3 QTB
Entries 1.523013e+08
ADC
QT Input Channel

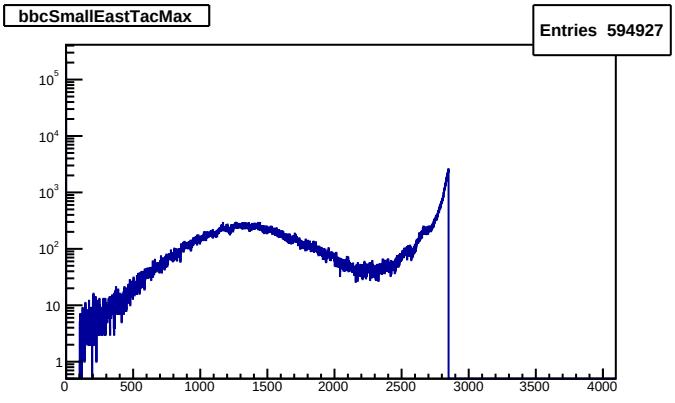

EQ3 QTB
Entries 4.457439e+07
TDC
QT Input Channel

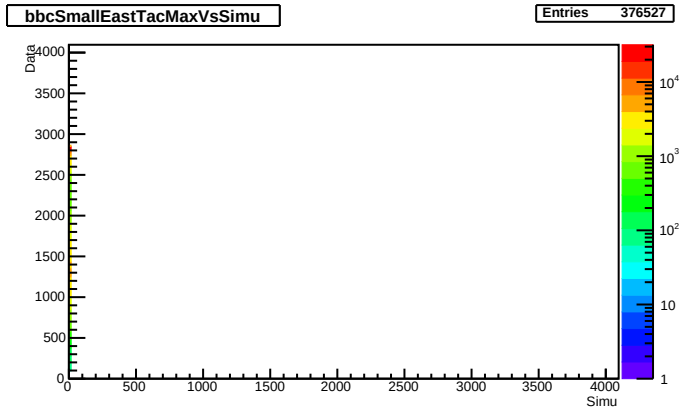

EQ3 QTC
Entries 5.711299e+07
ADC
QT Input Channel

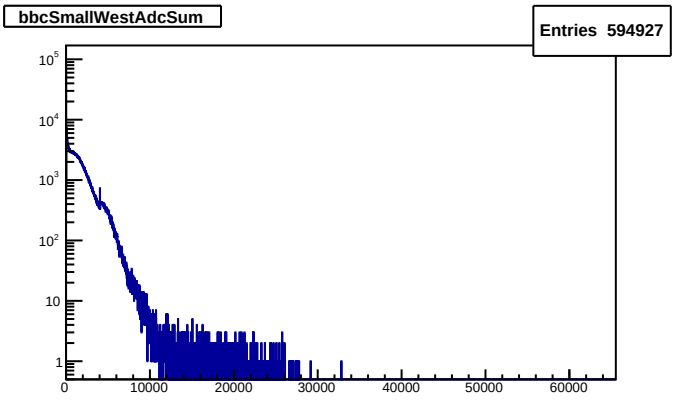

EQ3 QTC
Entries 5.711299e+07
TADC
QT Input Channel

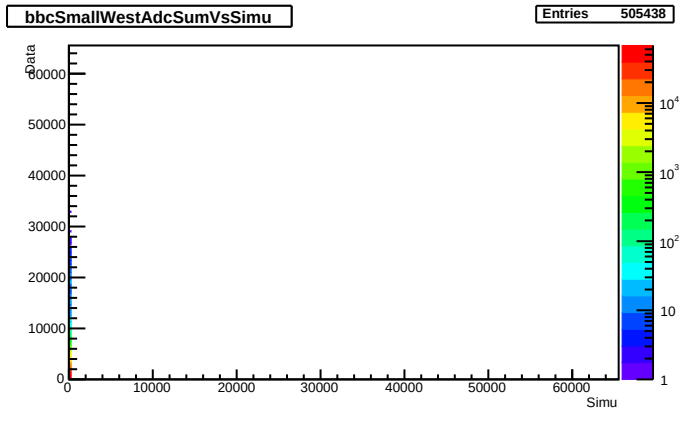

bbcSmallEastAdcSum
Entries 594927

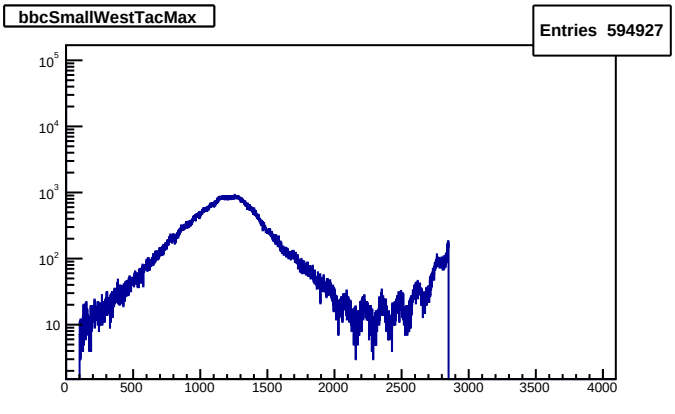

bbcSmallEastAdcSumVsSimu
Entries 376527
Data
Simu

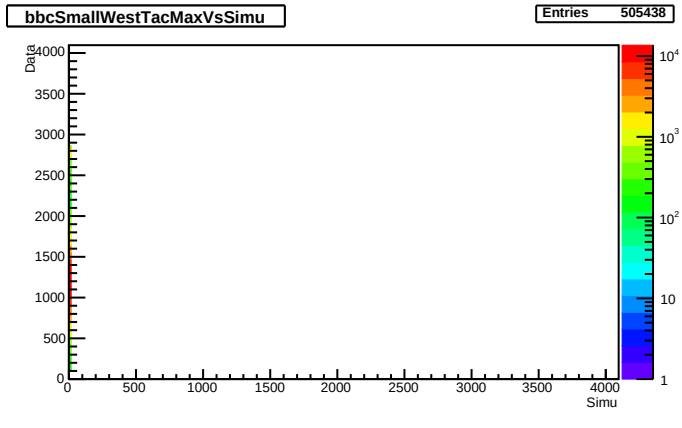

bbcSmallEastTacMax
Entries 594927

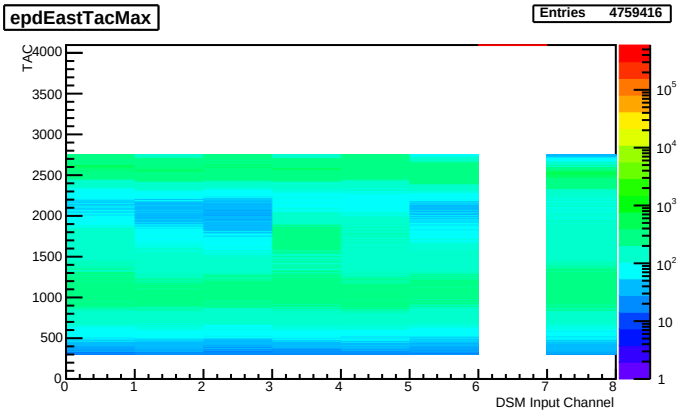

bbcSmallEastTacMaxVsSimu
Entries 376527
Data
Simu

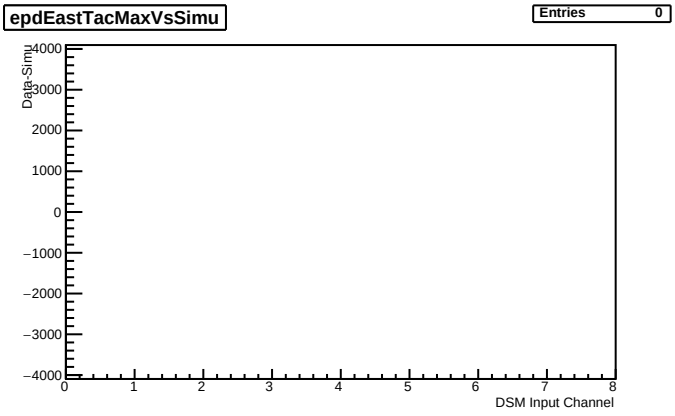

bbcSmallWestAdcSum
Entries 594927

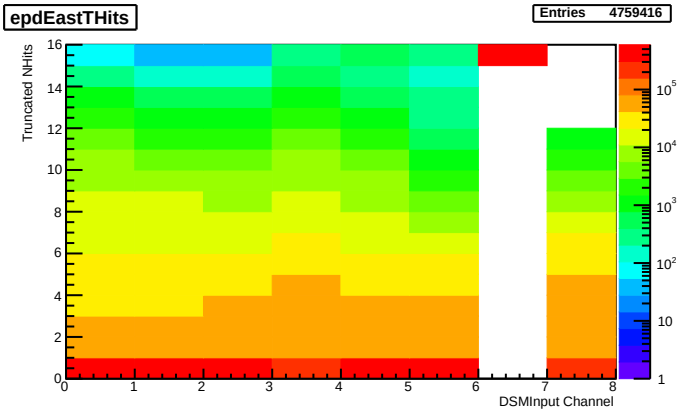

bbcSmallWestAdcSumVsSimu
Entries 505438
Data
Simu

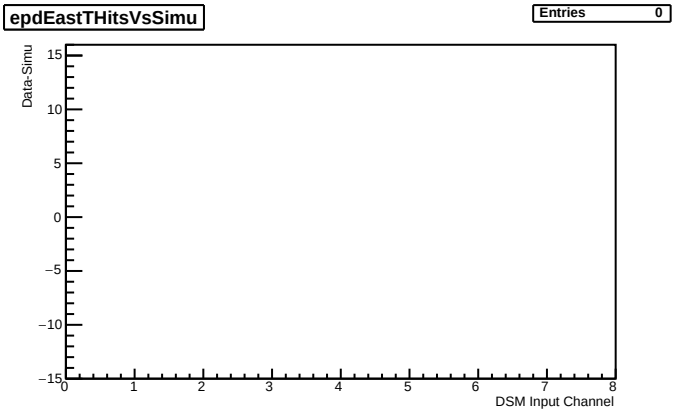

bbcSmallWestTacMax
Entries 594927

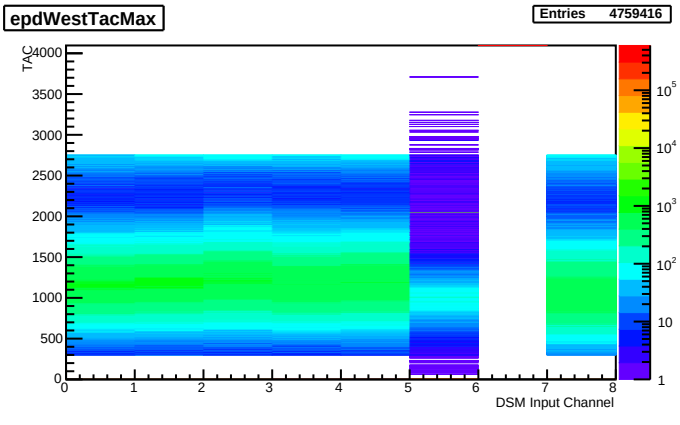

bbcSmallWestTacMaxVsSimu
Entries 505438
Data
Simu

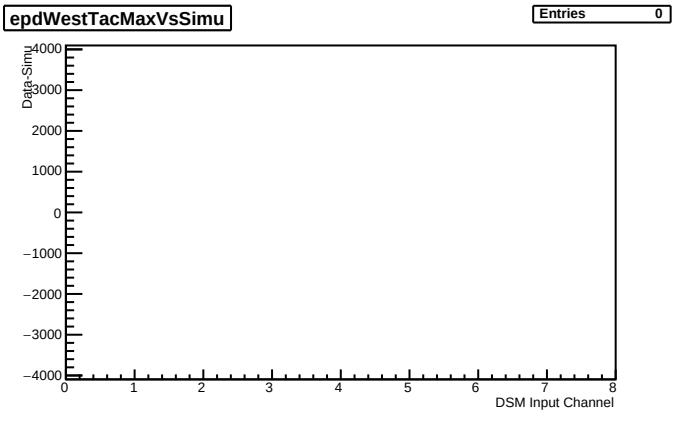

epdEastTacMax
Entries 4759416
TAC
DSM Input Channel

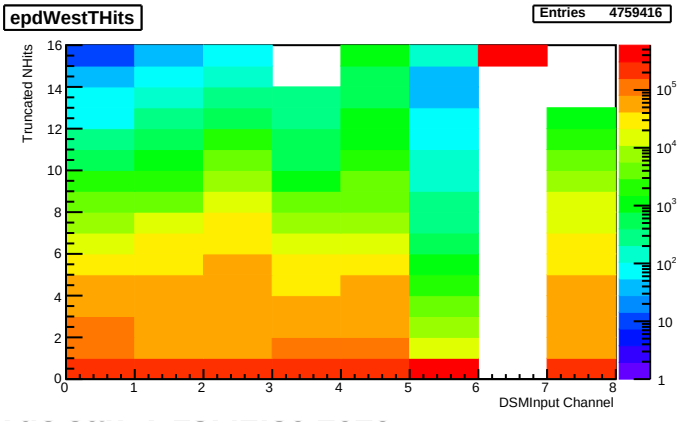

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

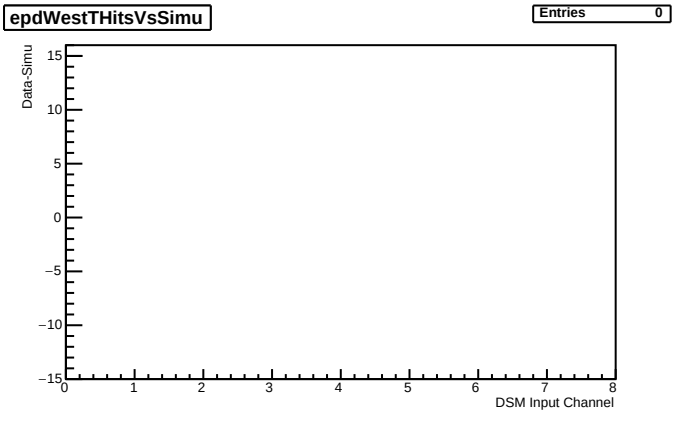

epdEastTHits
Entries 4759416
Truncated NHits
DSMInput Channel

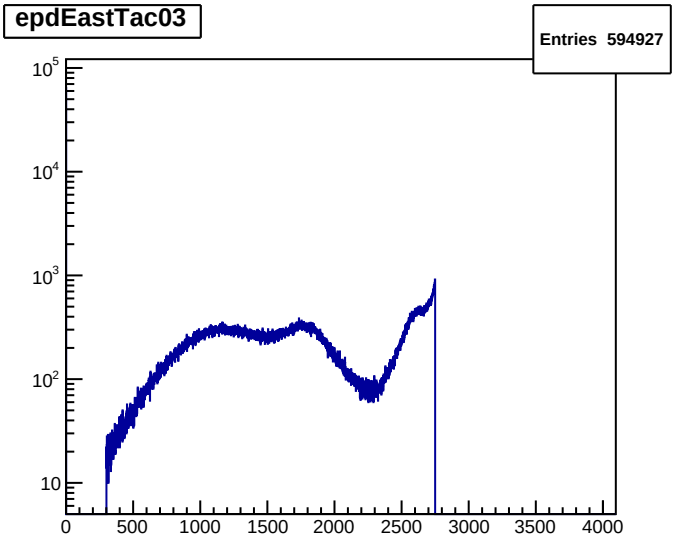

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

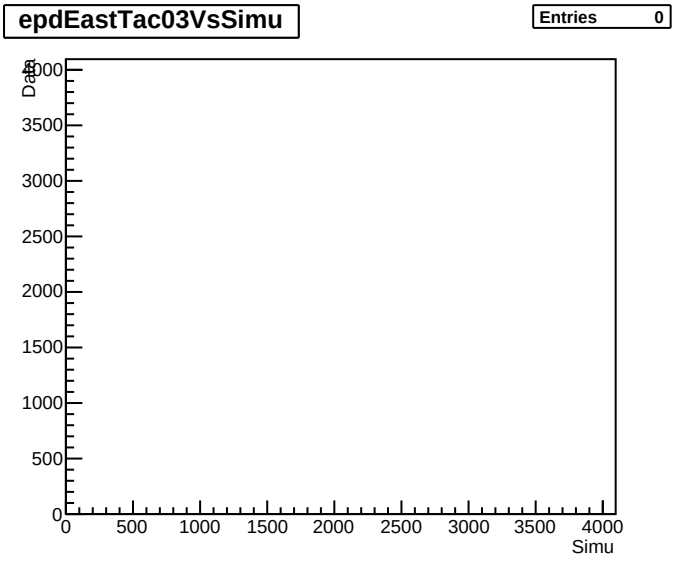

epdWestTacMax
Entries 4759416
TAC
DSM Input Channel

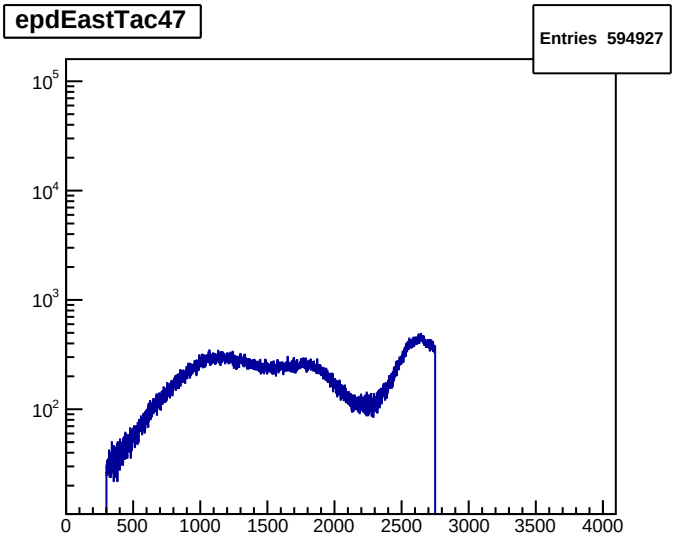

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

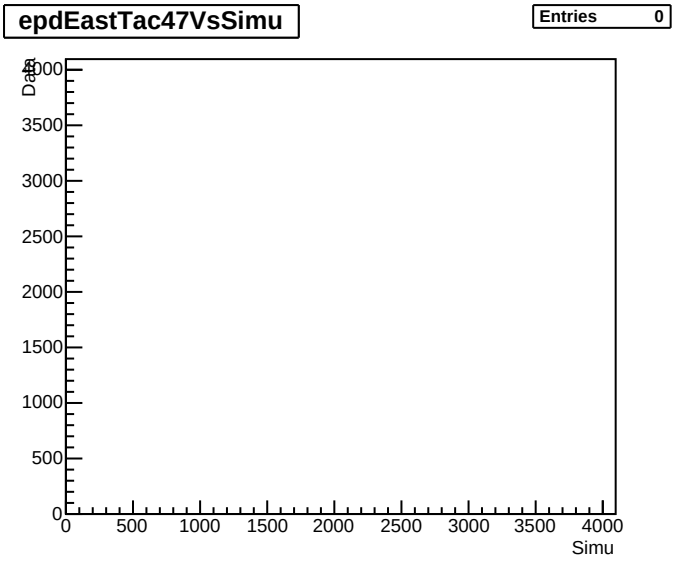

epdWestTHits
Entries 4759416
Truncated NHits
DSMInput Channel

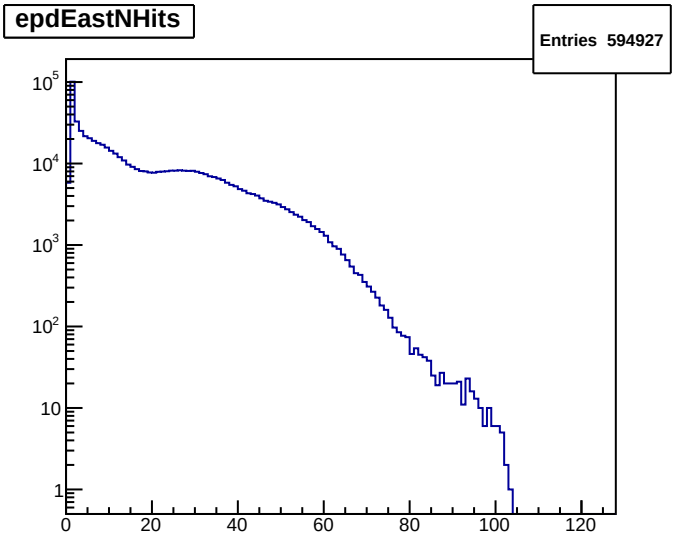

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

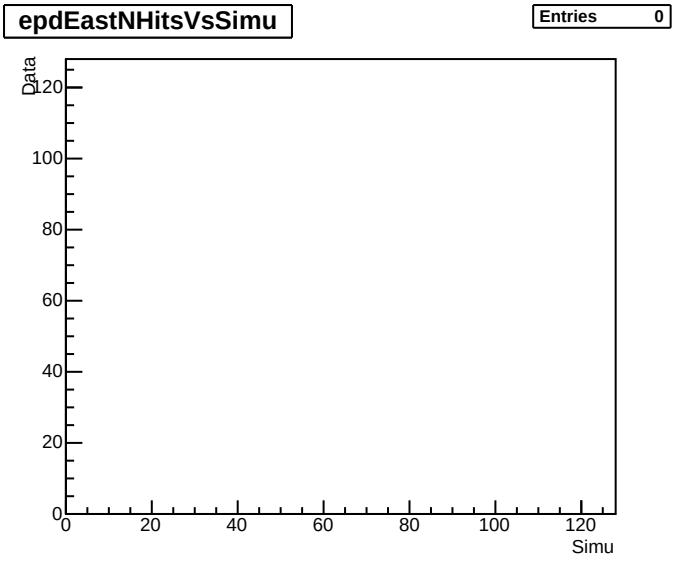

epdEastTac03
Entries 594927

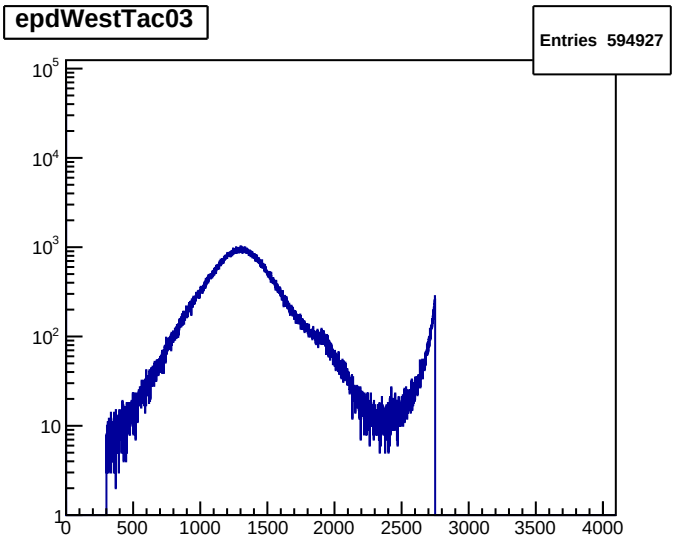

epdEastTac03VsSimu
Entries 0
Data
Simu

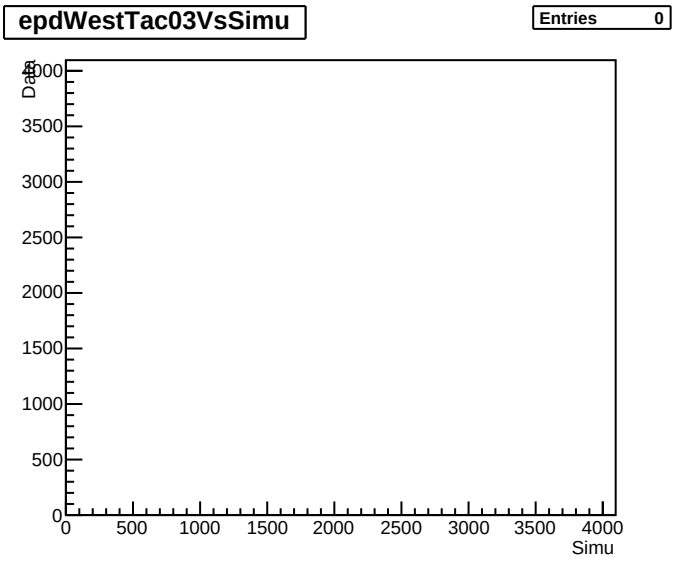

epdEastTac47
Entries 594927

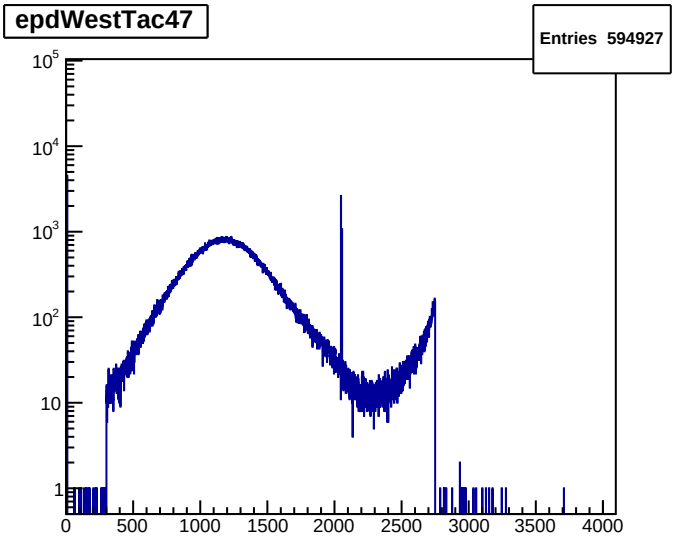

epdEastTac47VsSimu
Entries 0
Data
Simu

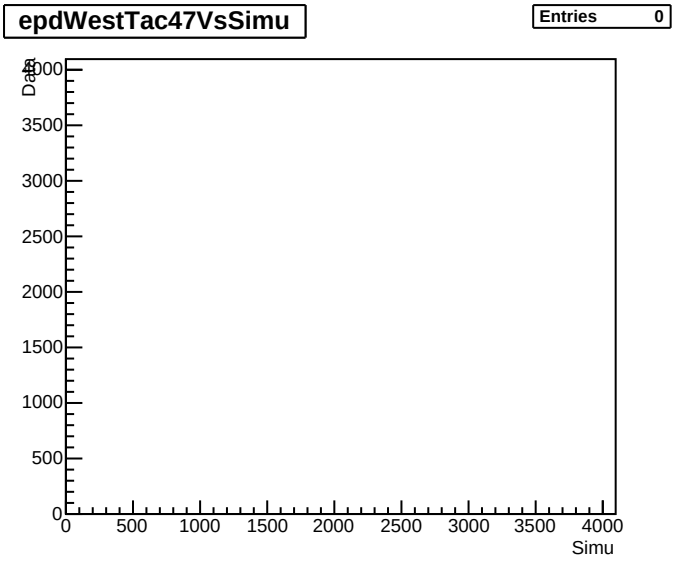

epdEastNHits
Entries 594927

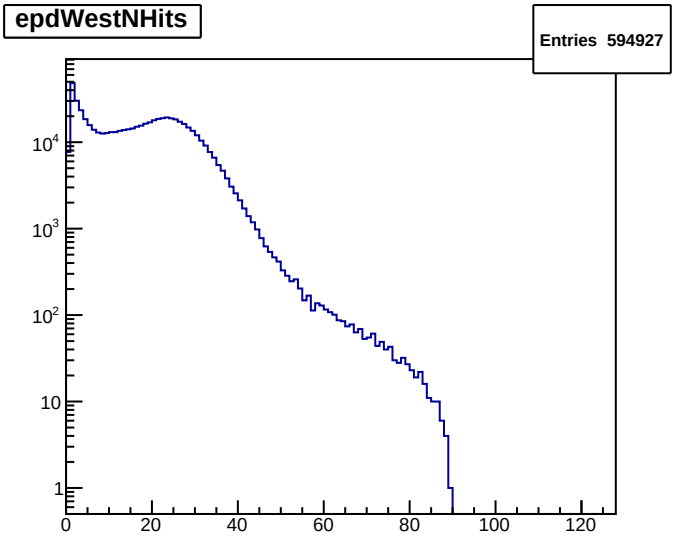

epdEastNHitsVsSimu
Entries 0
Data
Simu

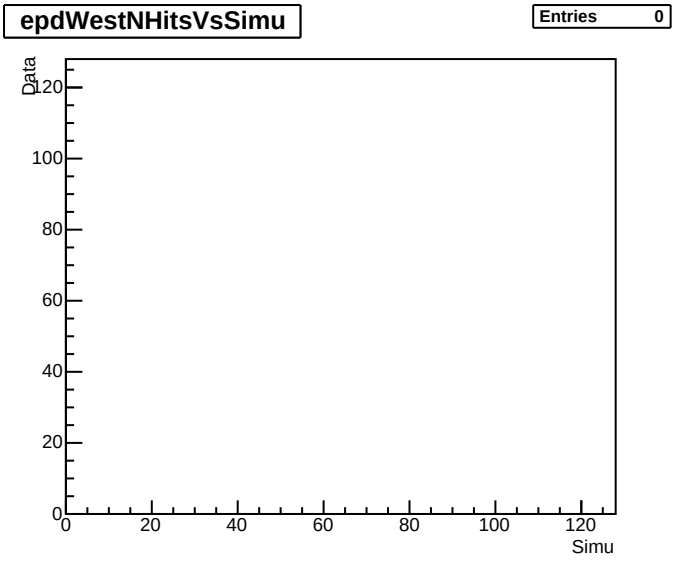

epdWestTac03
Entries 594927

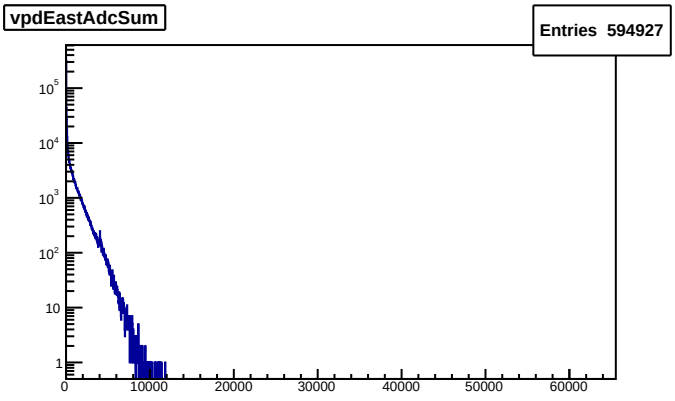

epdWestTac03VsSimu
Entries 0
Data
Simu

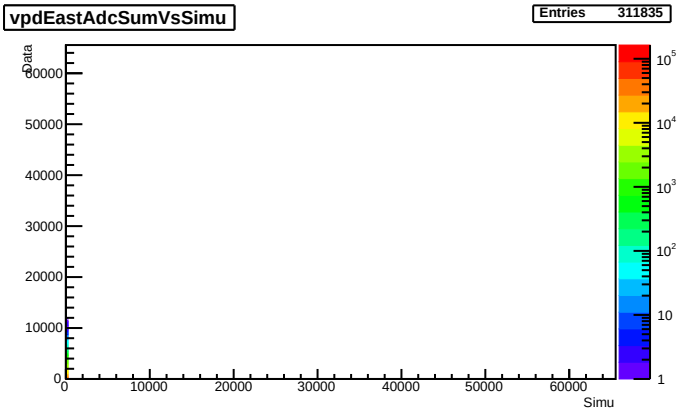

epdWestTac47
Entries 594927

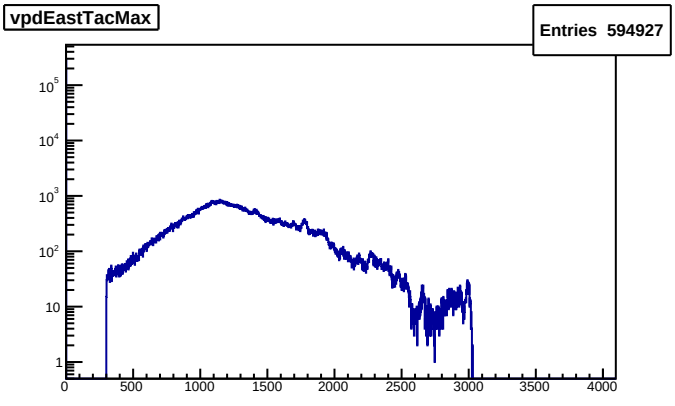

epdWestTac47VsSimu
Entries 0
Data
Simu

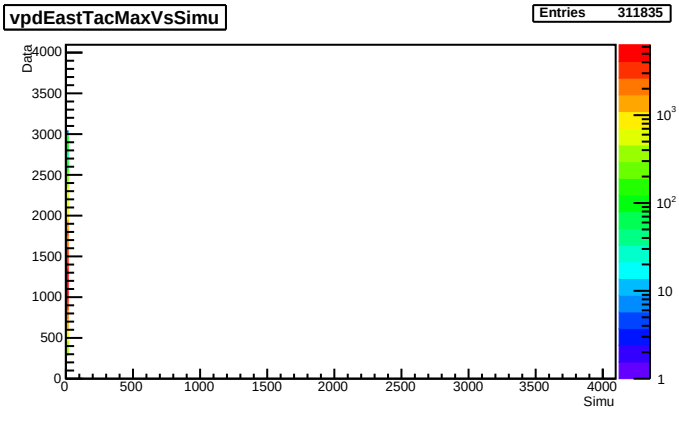

epdWestNHits
Entries 594927

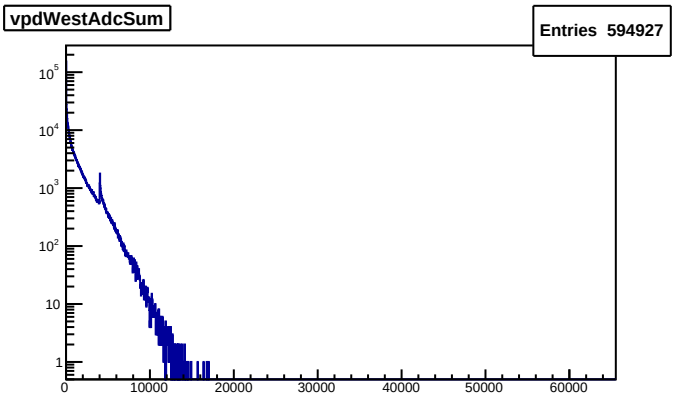

epdWestNHitsVsSimu
Entries 0
Data
Simu

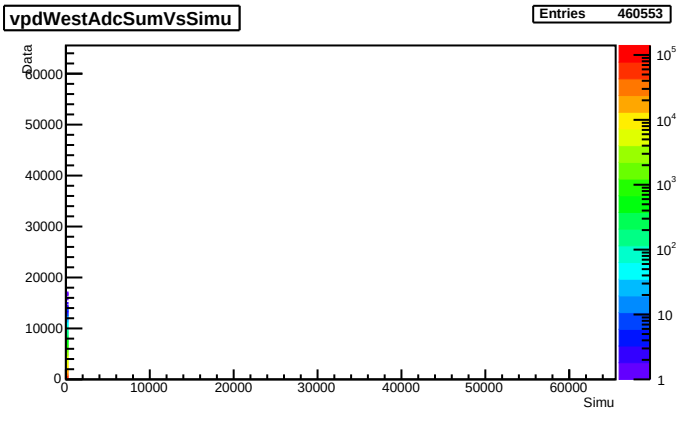

vpdEastAdcSum
Entries 594927

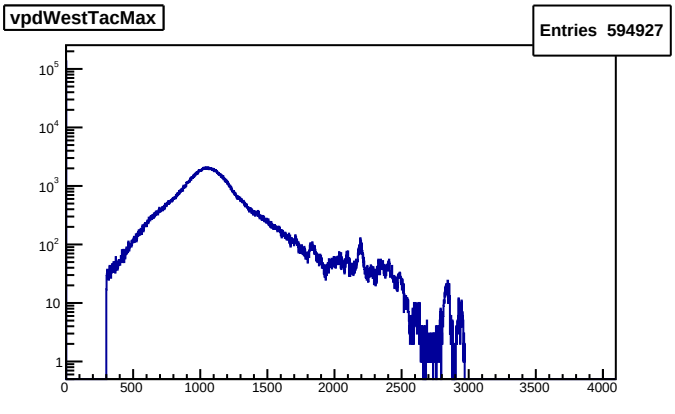

vpdEastAdcSumVsSimu
Entries 311835
Data
Simu

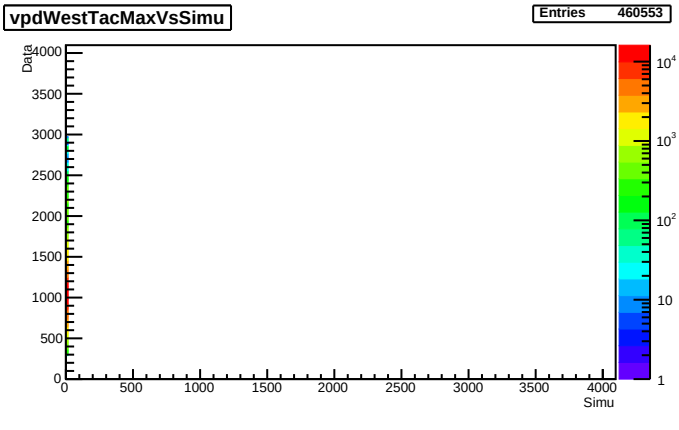

vpdEastTacMax
Entries 594927

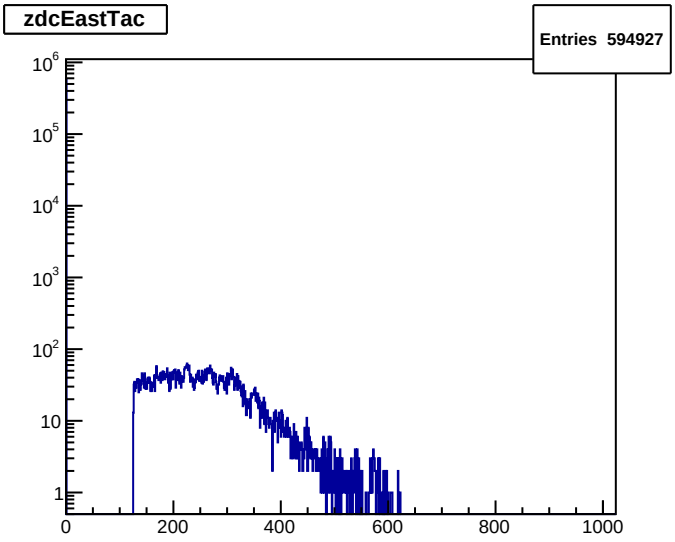

vpdEastTacMaxVsSimu
Entries 311835
Data
Simu

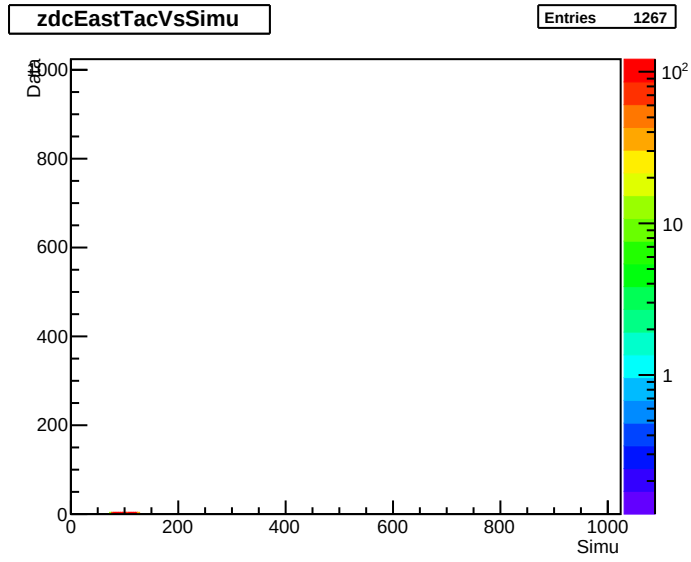

vpdWestAdcSum
Entries 594927

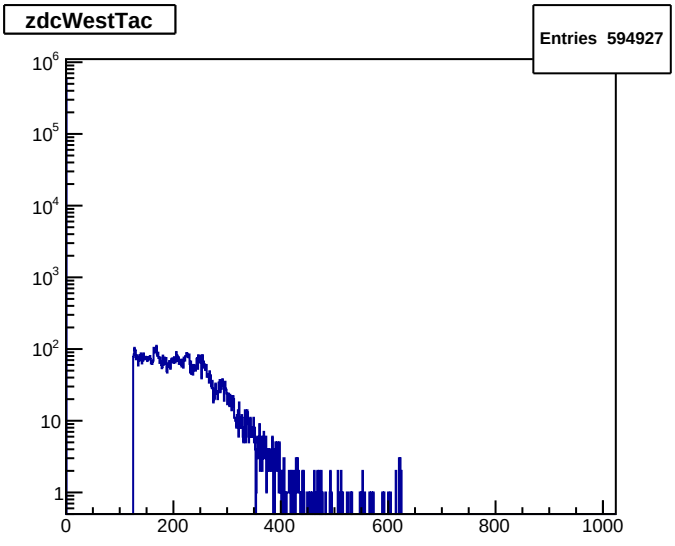

vpdWestAdcSumVsSimu
Entries 460553
Data
Simu

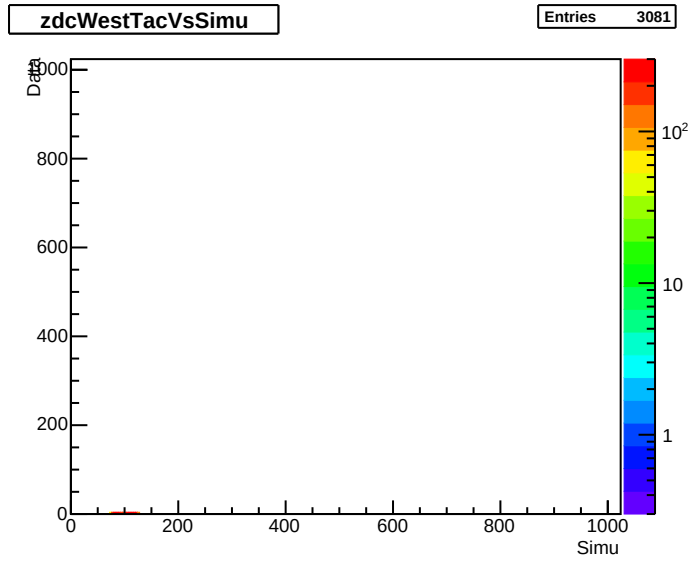

vpdWestTacMax
Entries 594927

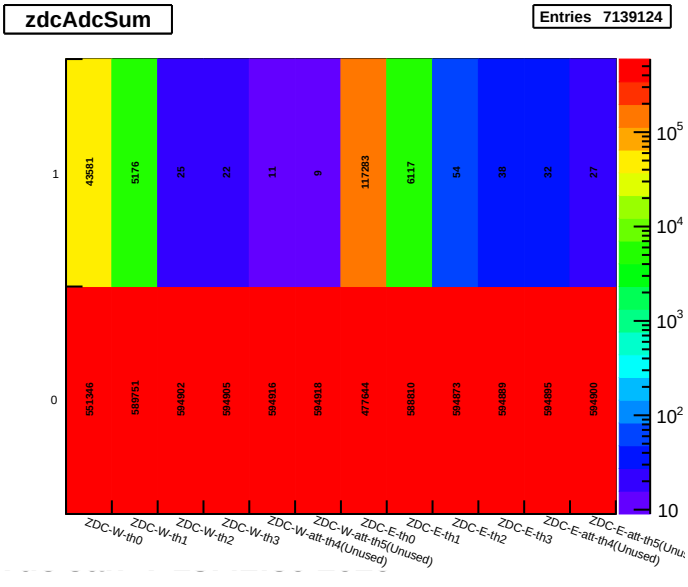

vpdWestTacMaxVsSimu
Entries 460553
Data
Simu

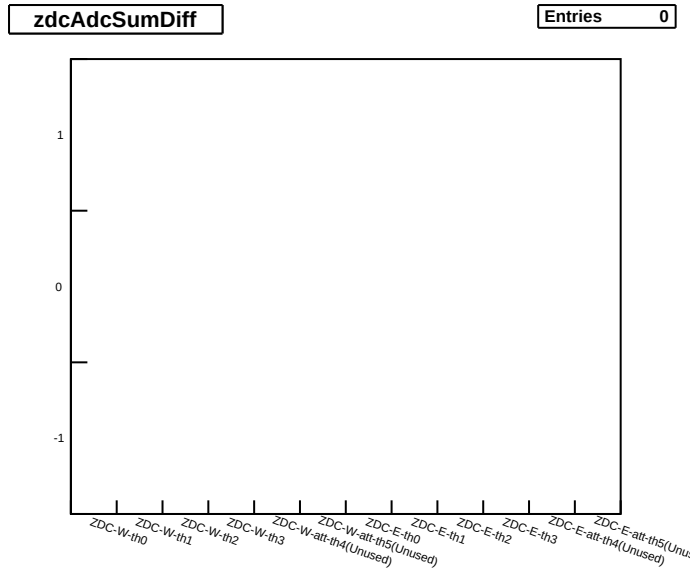

zdcEastTac
Entries 594927

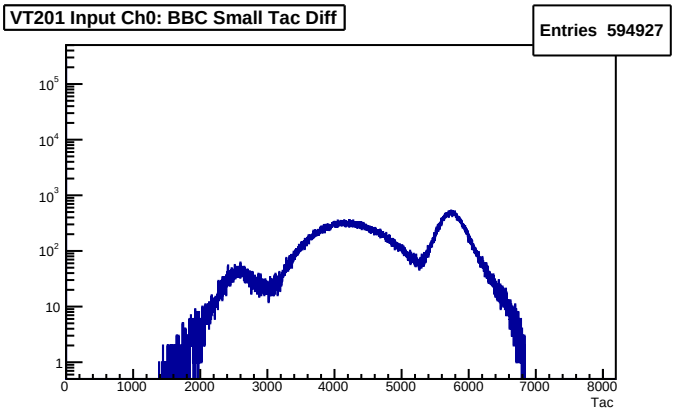

zdcEastTacVsSimu
Entries 1267
Data
Simu

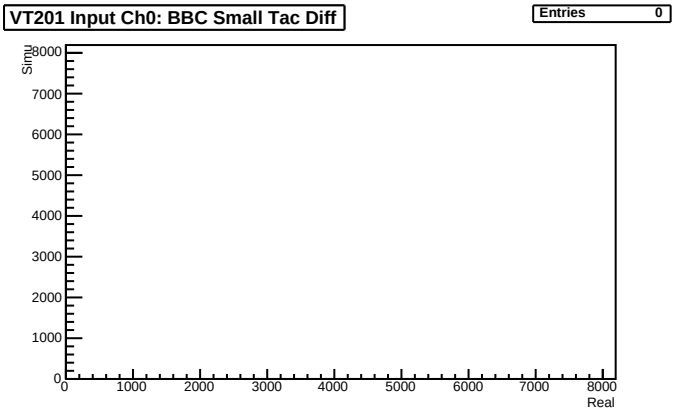

zdcWestTac
Entries 594927

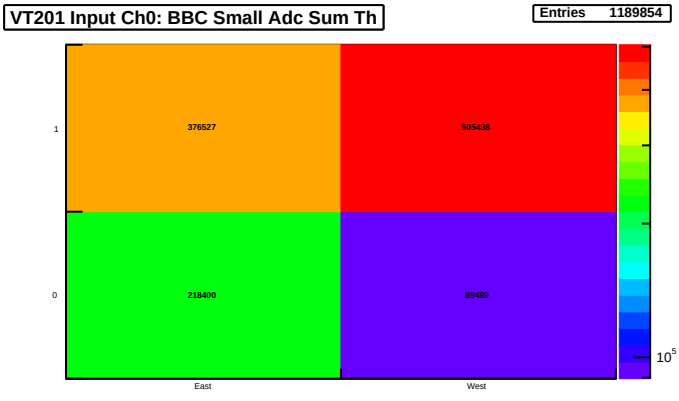

zdcWestTacVsSimu
Entries 3081
Data
Simu

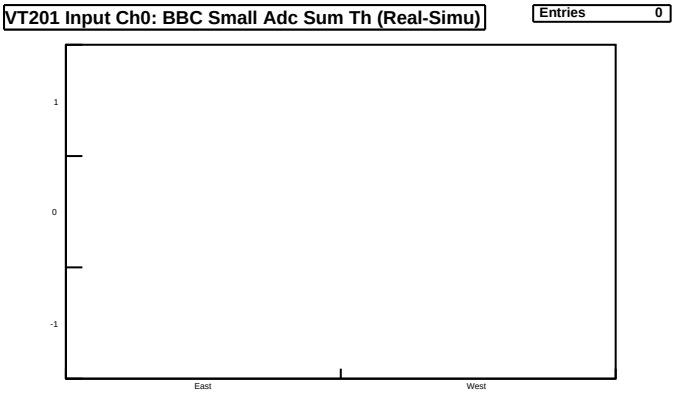

zdcAdcSum
Entries 7139124
43581
5176
25
22
11
9
117283
6117
54
38
32
27
551346
589751
594902
594905
594916
594918
477644
588810
594873
594889
594895
594900
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

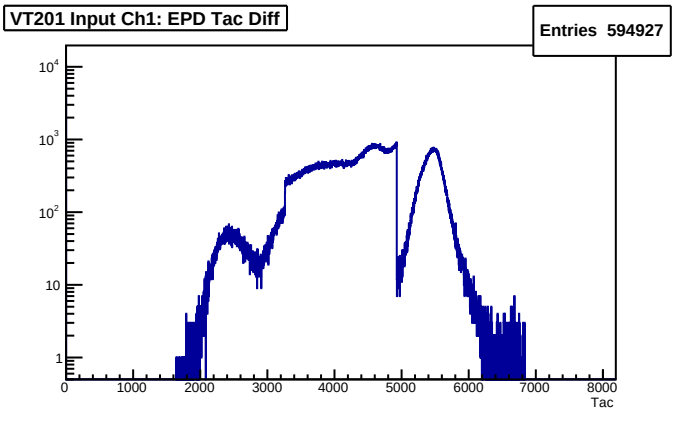

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

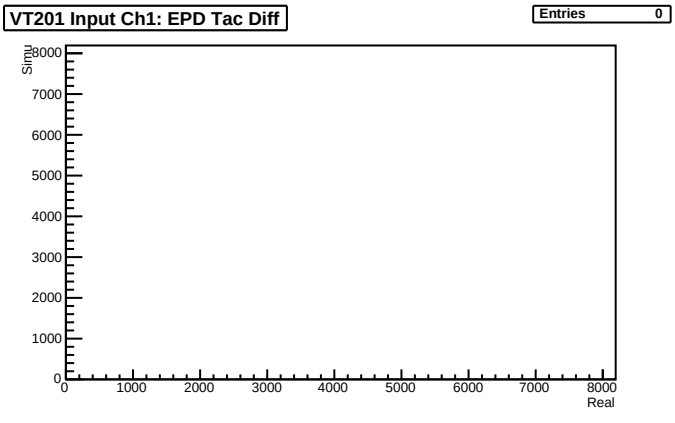

VT201 Input Ch0: BBC Small Tac Diff
Entries 594927
Tac

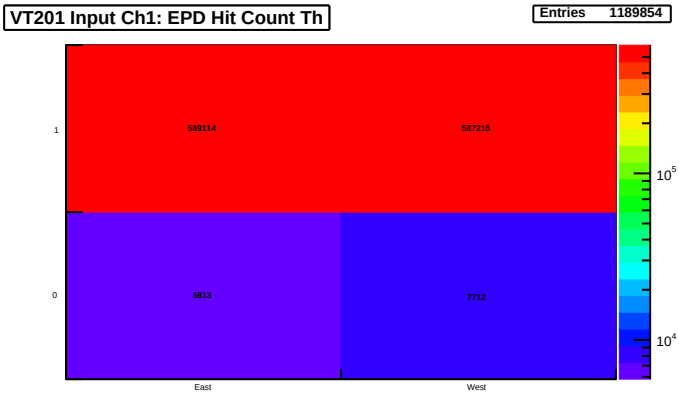

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

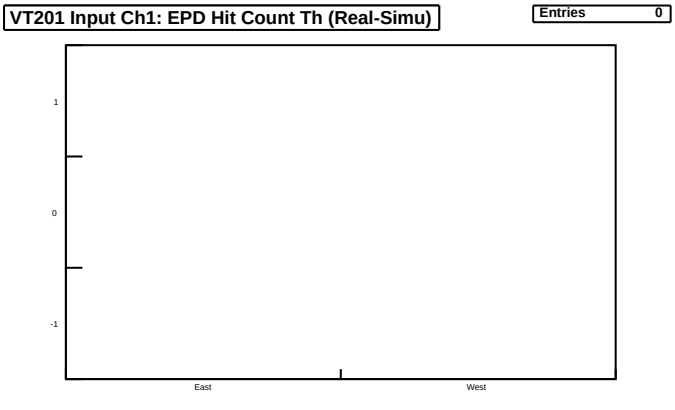

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1189854
376527
505438
218400
89489
East
West

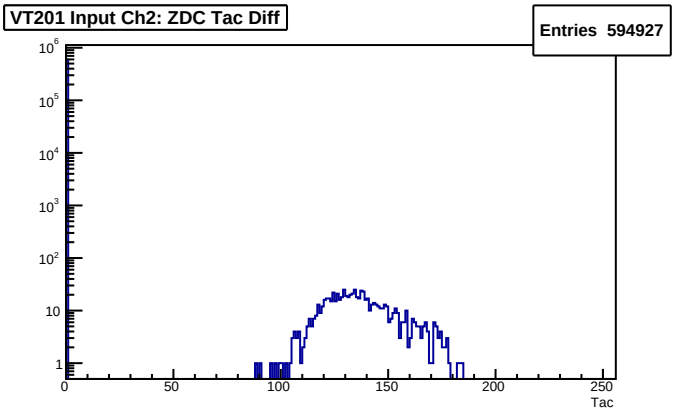

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

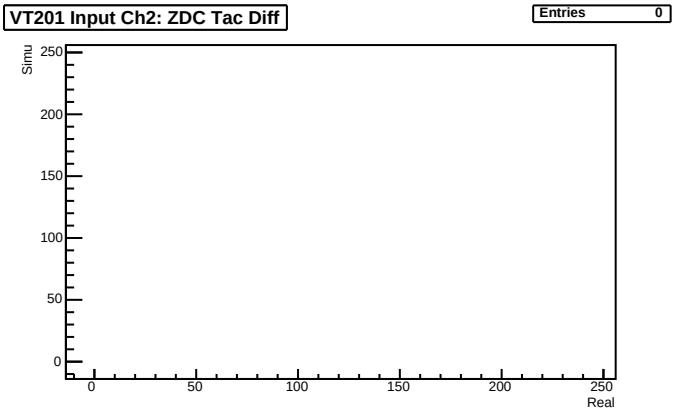

VT201 Input Ch1: EPD Tac Diff
Entries 594927
Tac

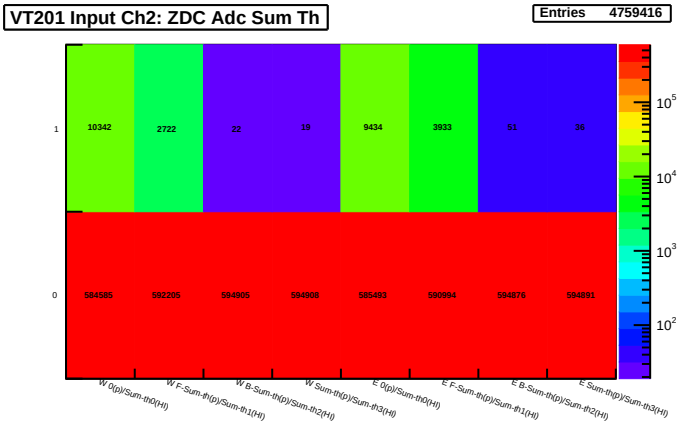

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

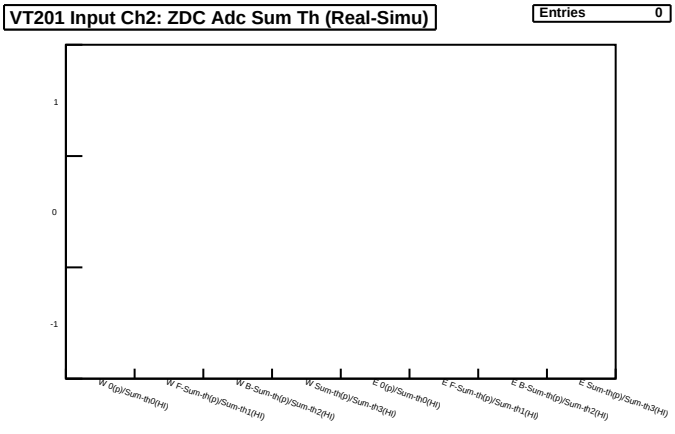

VT201 Input Ch1: EPD Hit Count Th
Entries 1189854
589114
587215
5813
7712
East
West

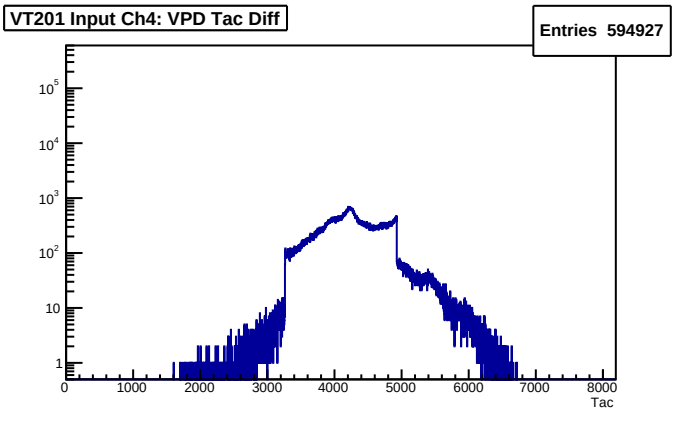

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

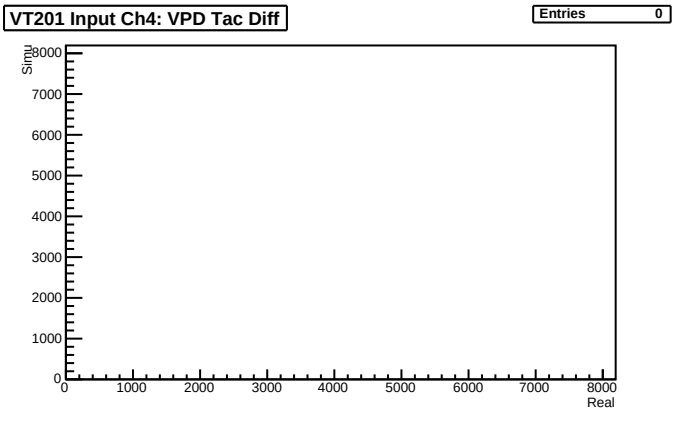

VT201 Input Ch2: ZDC Tac Diff
Entries 594927
Tac

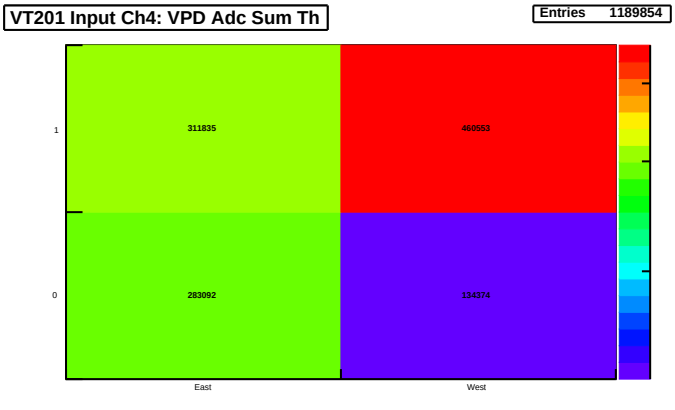

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

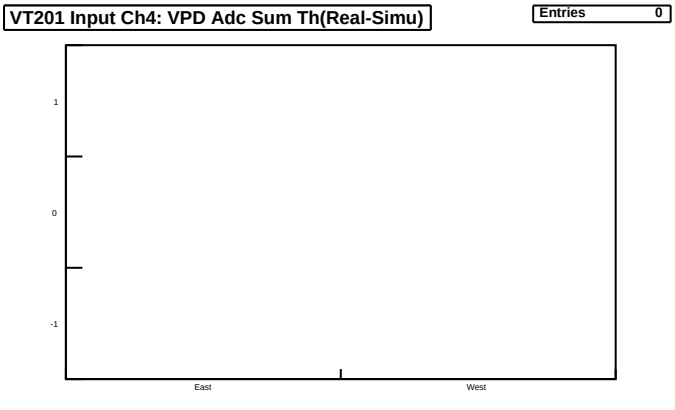

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4759416
10342
2722
22
19
9434
3933
51
36
584585
592205
594905
594908
585493
590994
594876
594891
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

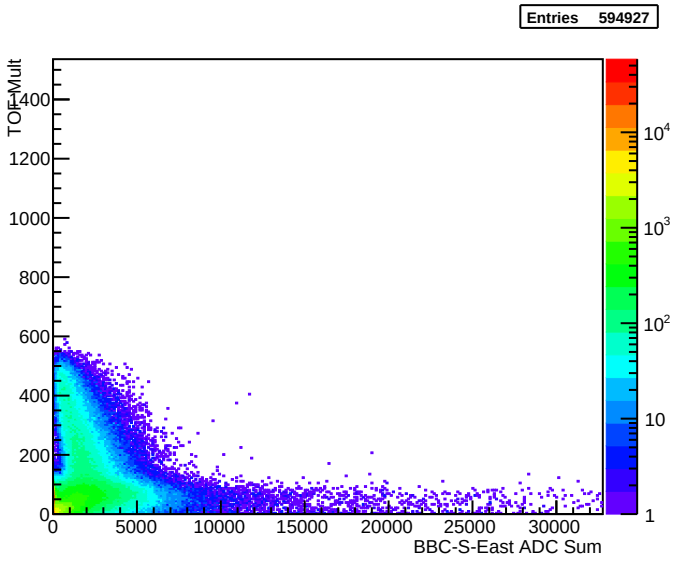

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

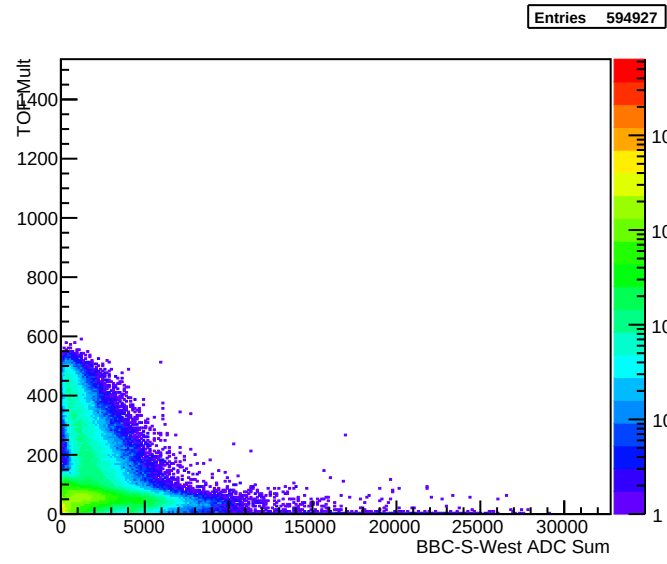

VT201 Input Ch4: VPD Tac Diff
Entries 594927
Tac

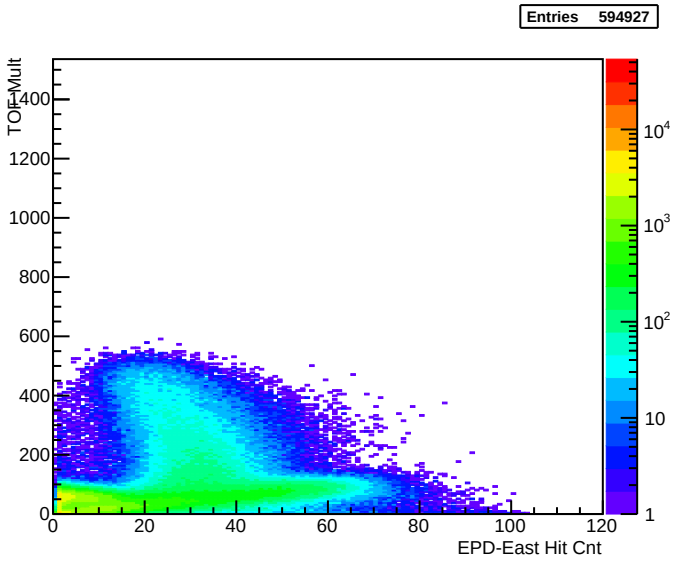

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

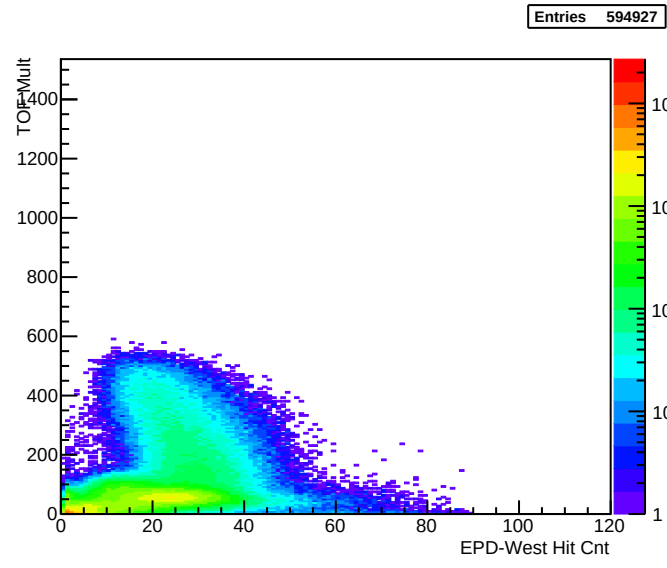

VT201 Input Ch4: VPD Adc Sum Th
Entries 1189854
311835
460553
283092
134374
East
West

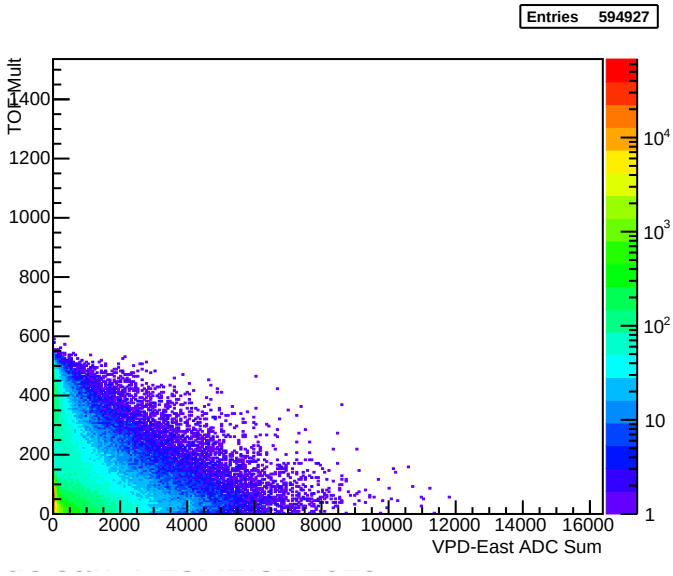

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

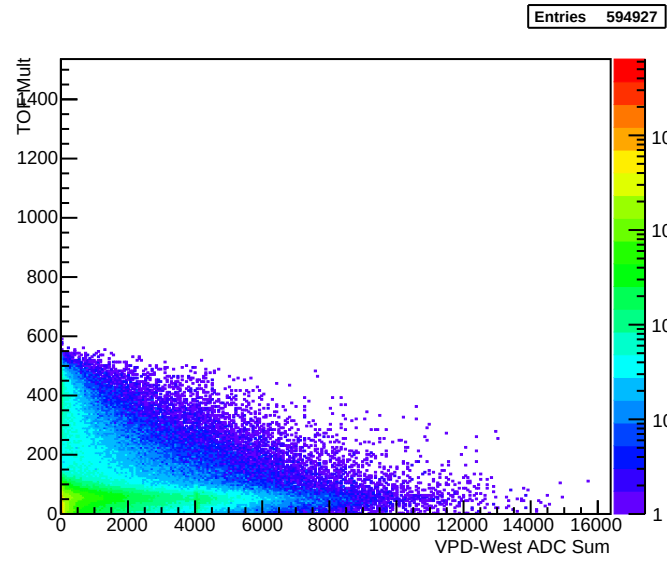

Entries 594927
TOF-Mult
BBC-S-East ADC Sum

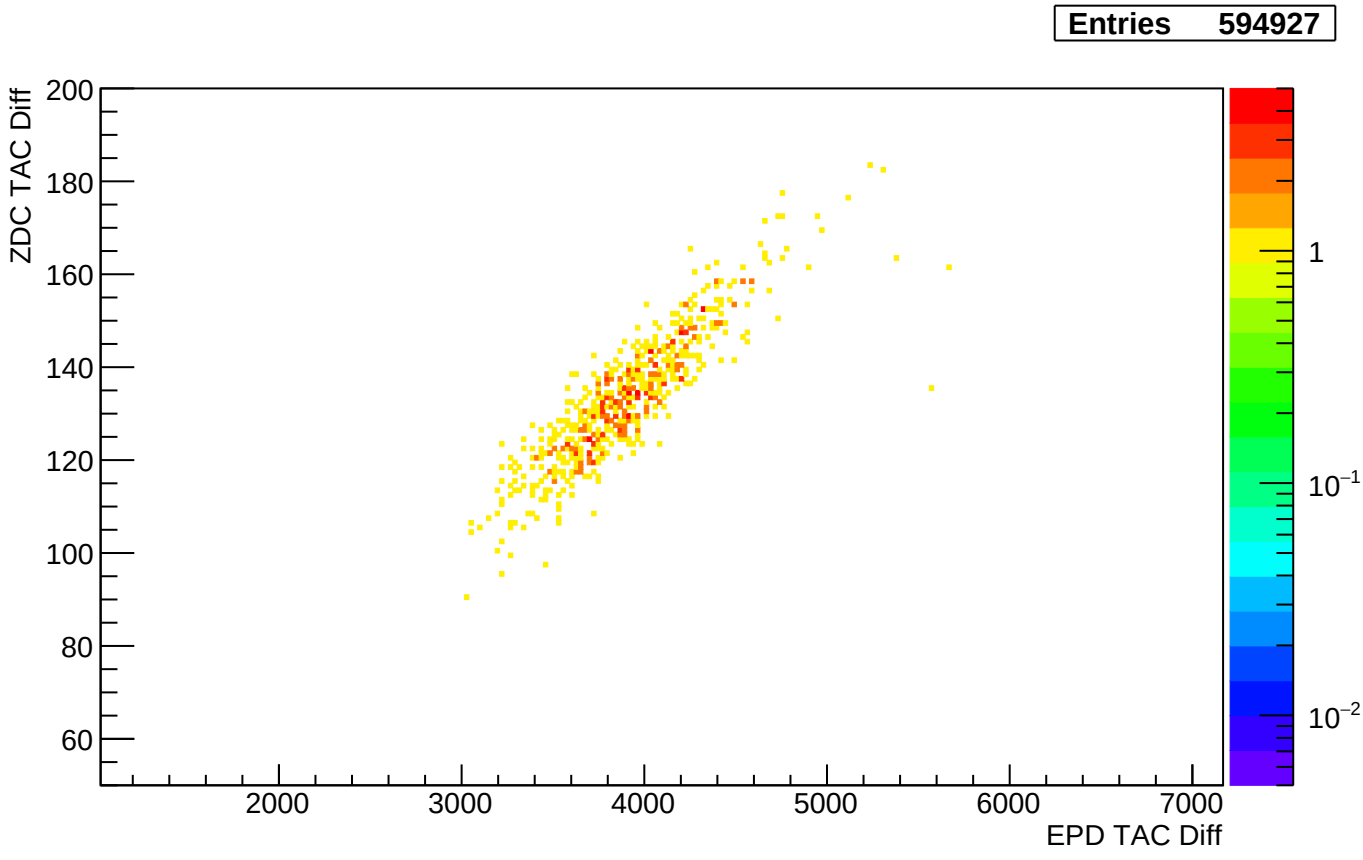

Entries 594927
TOF-Mult
BBC-S-West ADC Sum

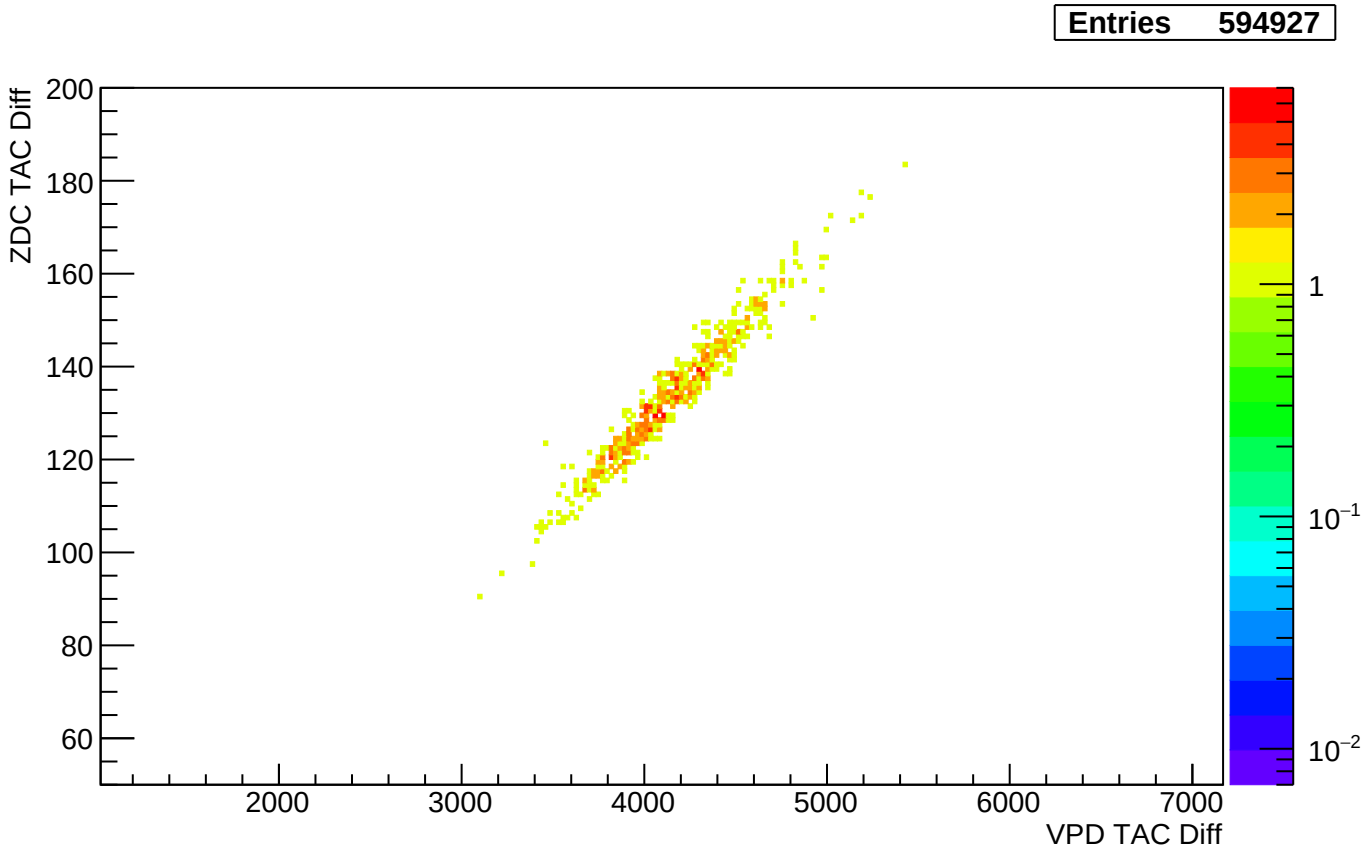

Entries 594927
TOF-Mult
EPD-East Hit Cnt

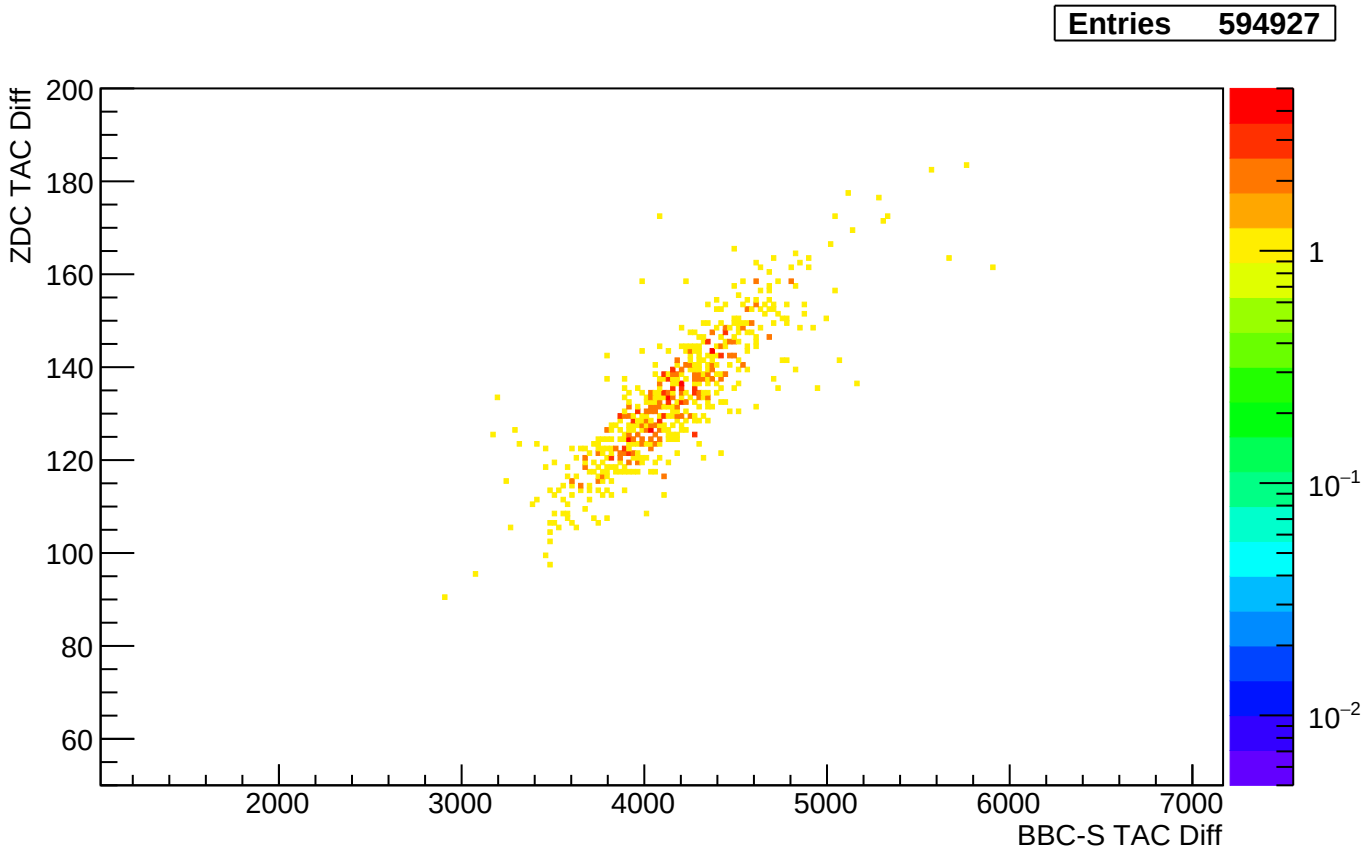

Entries 594927
TOF-Mult
EPD-West Hit Cnt

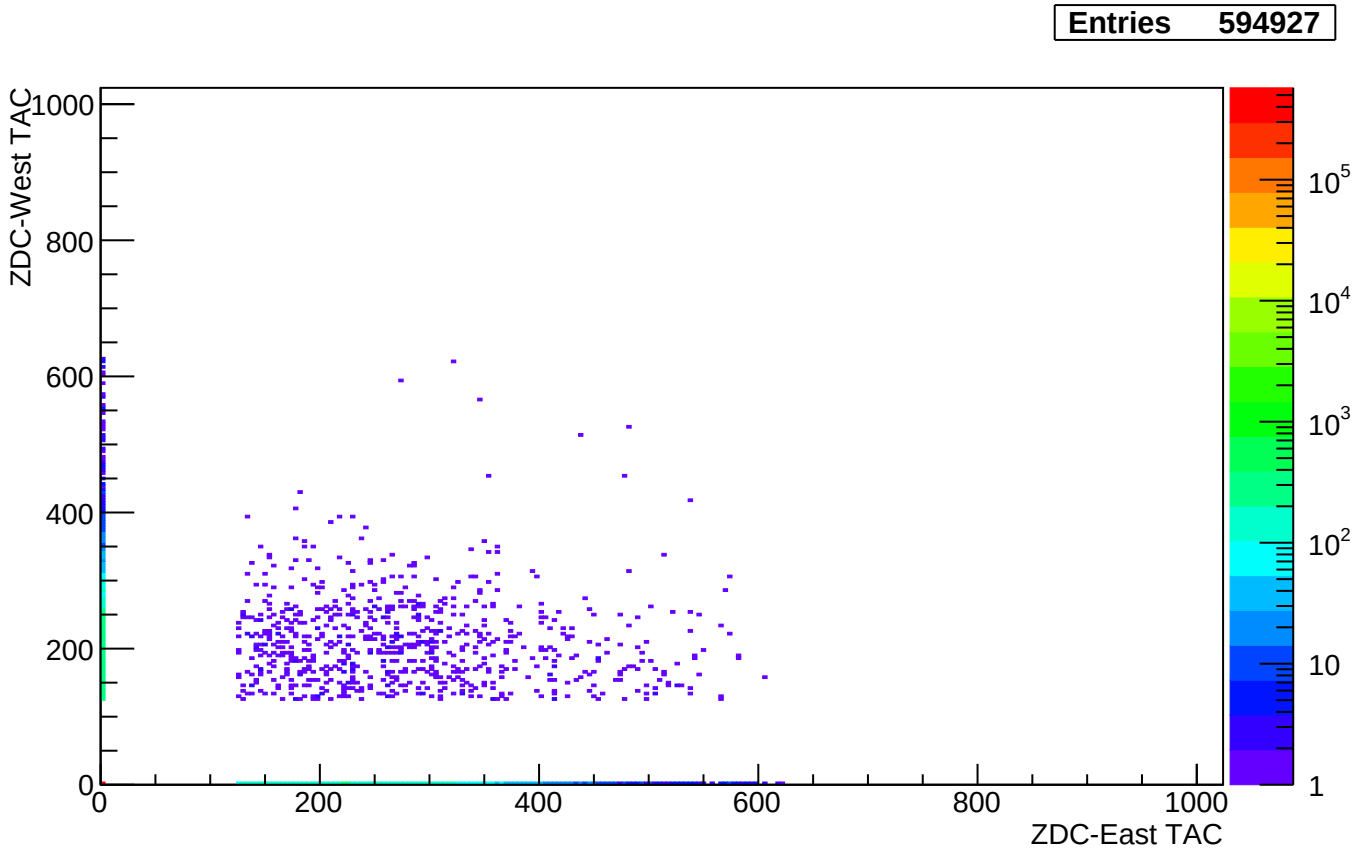

Entries 594927
TOF-Mult
VPD-East ADC Sum

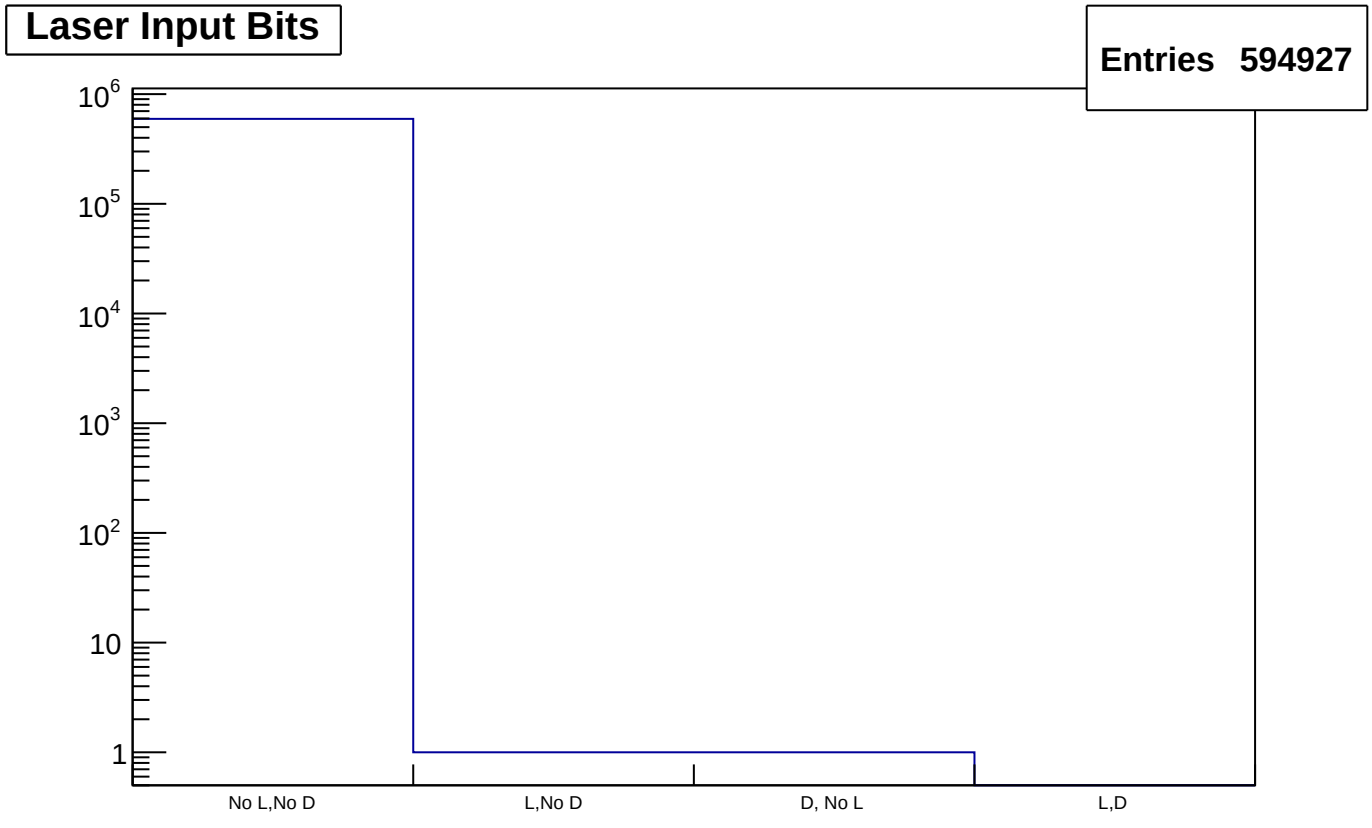

Entries 594927
TOF-Mult
VPD-West ADC Sum

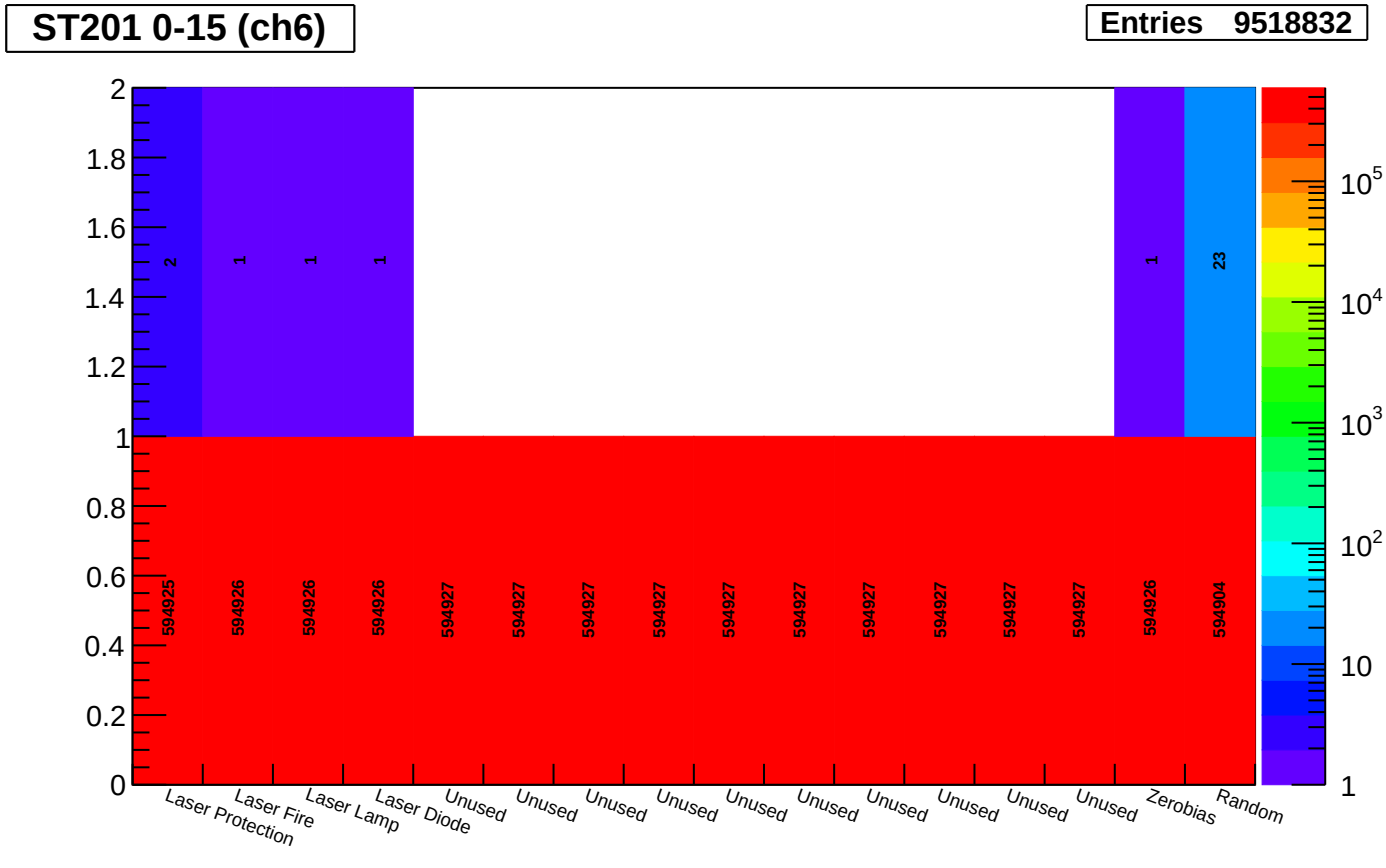

Entries 594927
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

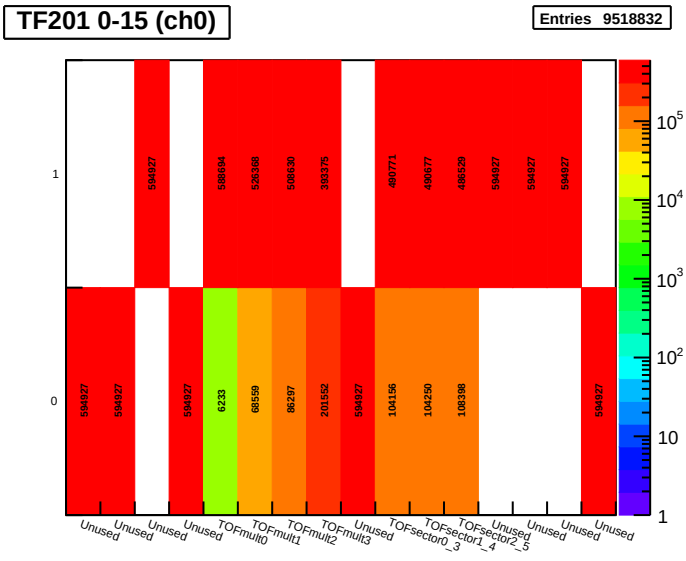

Entries 594927
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

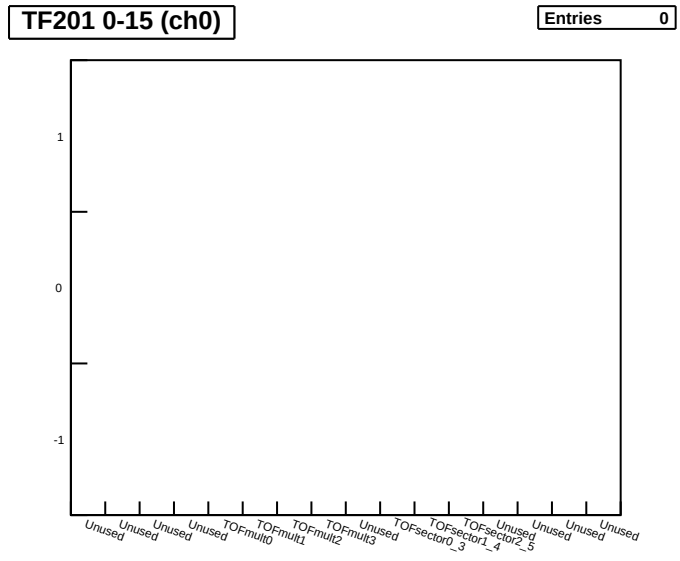

Entries 594927
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

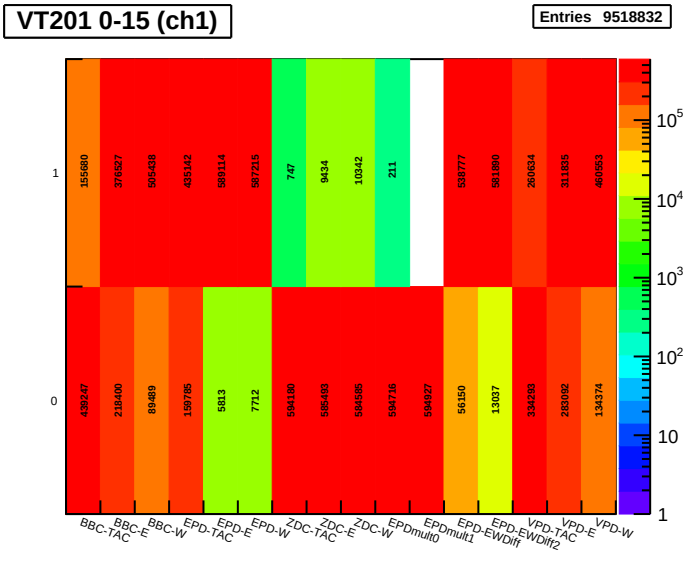

Entries 594927
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

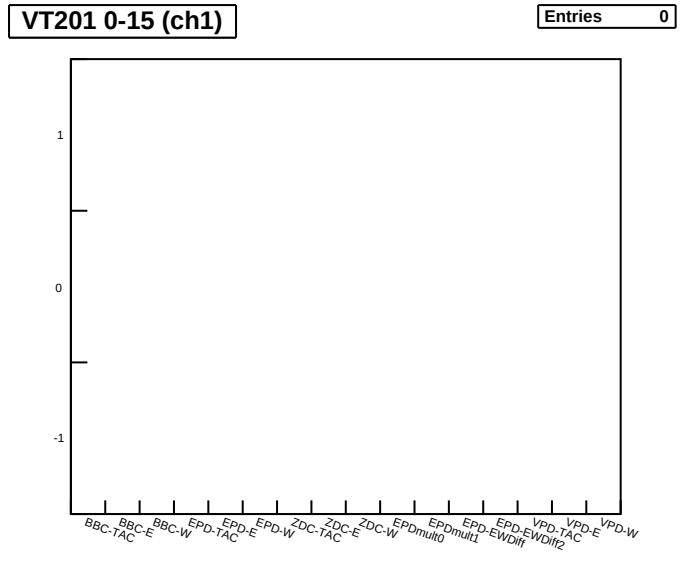

Laser Input Bits
Entries 594927
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

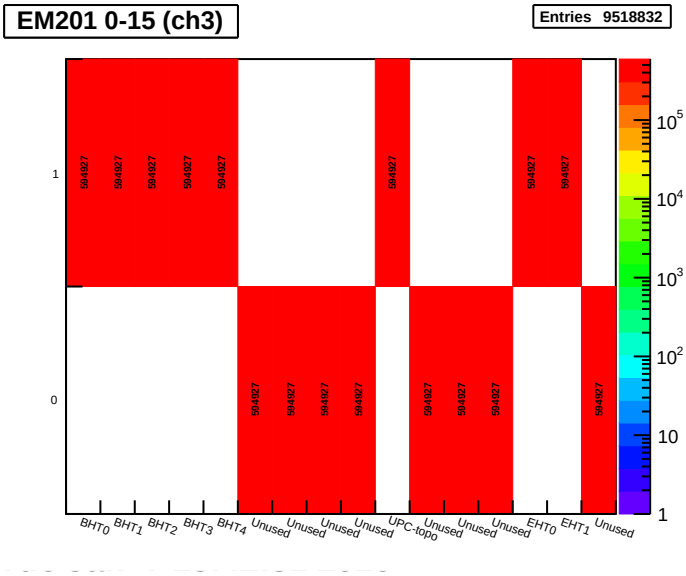

ST201 0-15 (ch6)
Entries 9518832
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
23
594925
594926
594926
594926
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594926
594904
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

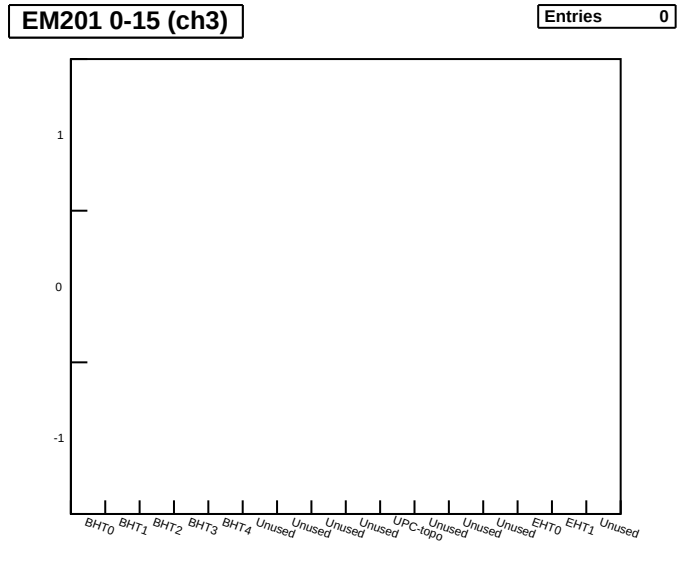

TF201 0-15 (ch0)
Entries 9518832
1
0
594927
526368
526630
393375
490677
486529
594927
594927
594927
594927
594927
6233
68559
86297
201552
104156
104250
108398
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 9518832
1
0
155680
376527
505438
435142
569114
587215
747
9434
10342
211
538777
581890
260634
311835
460553
439247
218400
89489
159785
5813
7712
594180
585493
594585
594716
594927
56150
13037
334293
283092
134374
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 9518832
1
0
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
594927
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1