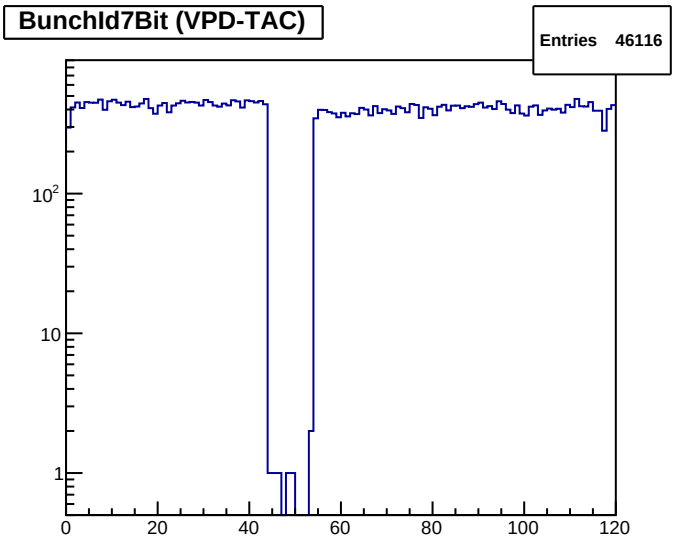
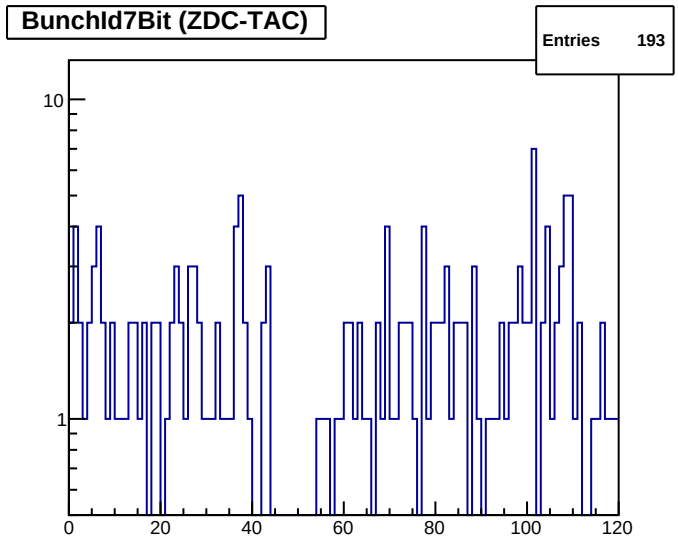
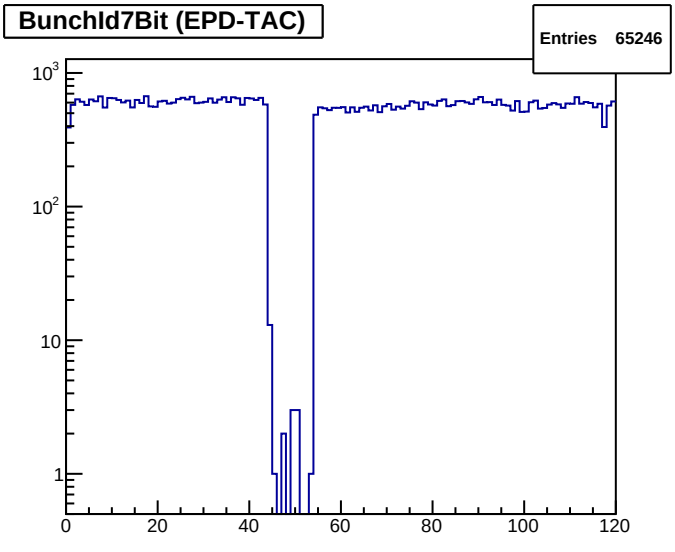
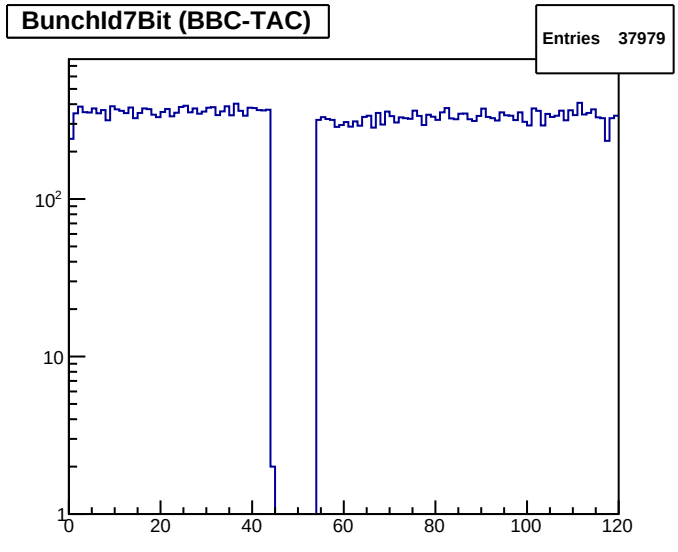
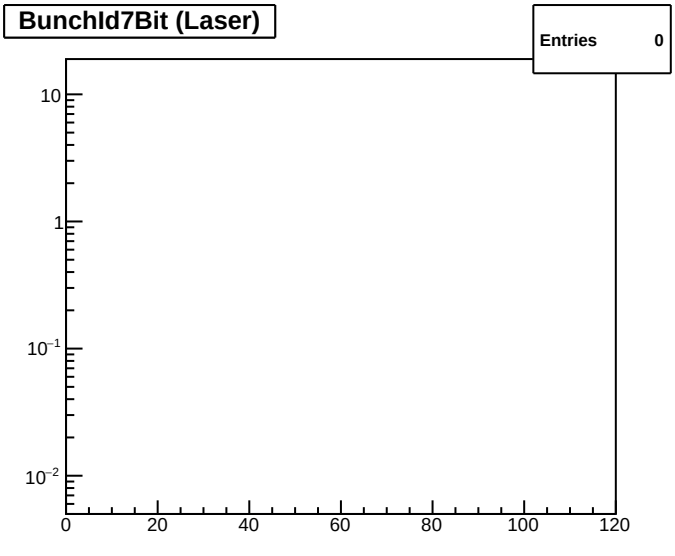
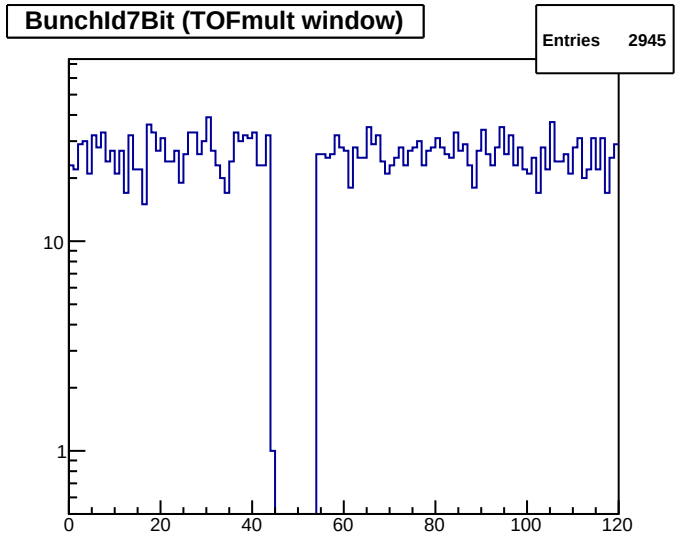

BunchId7Bit (VPD-TAC)
Entries 46116

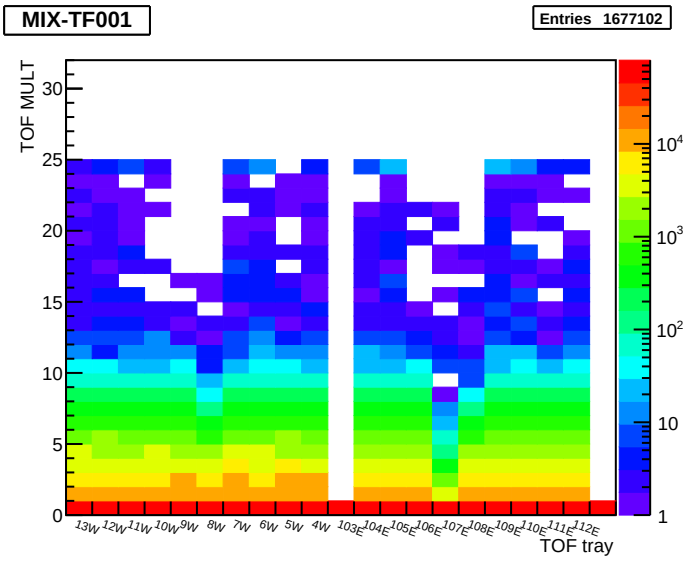

BunchId7Bit (ZDC-TAC)
Entries 193

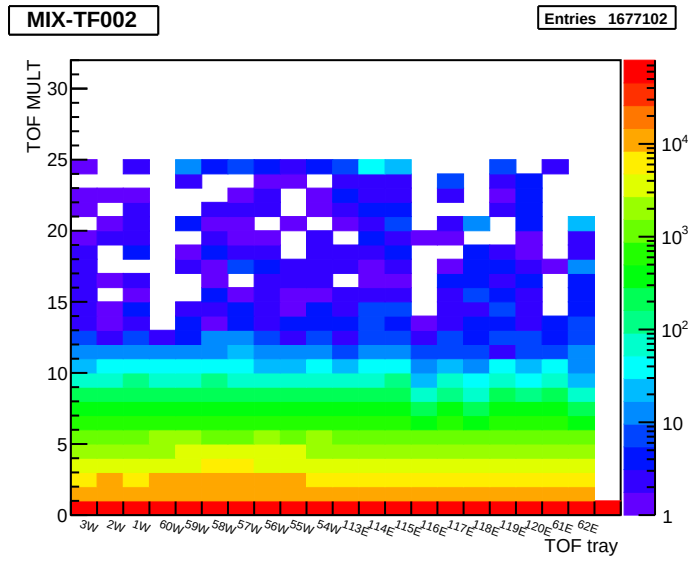

BunchId7Bit (EPD-TAC)
Entries 65246

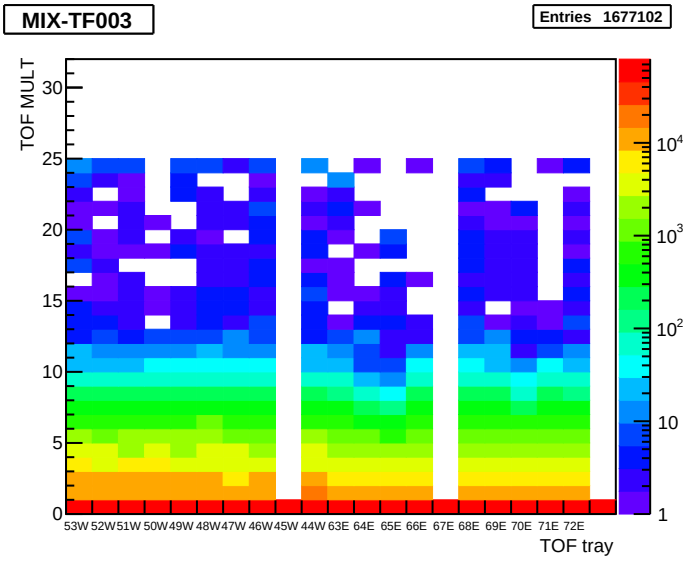

BunchId7Bit (BBC-TAC)
Entries 37979

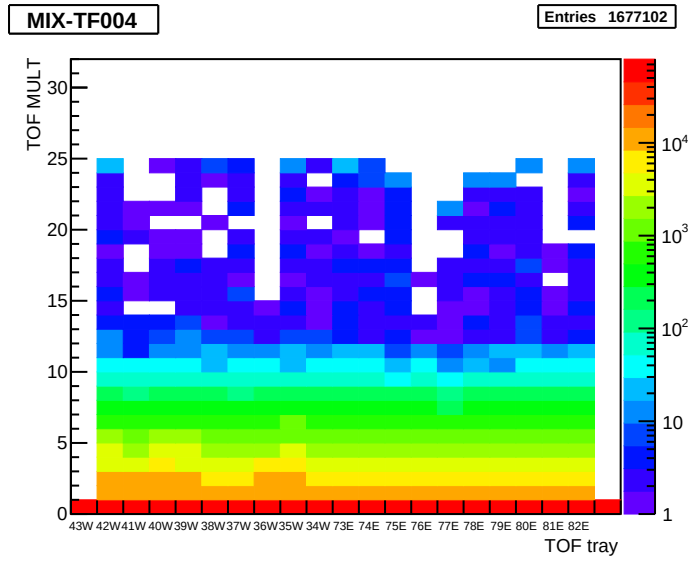

BunchId7Bit (Laser)
Entries 0

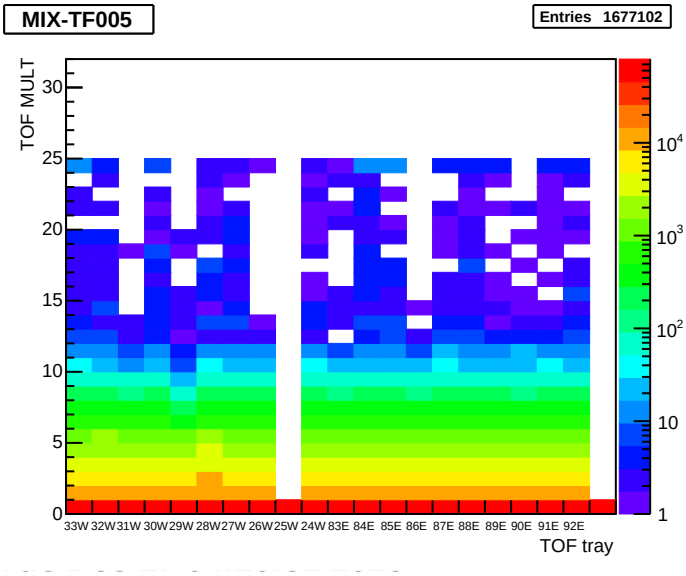

BunchId7Bit (TOFmult window)
Entries 2945

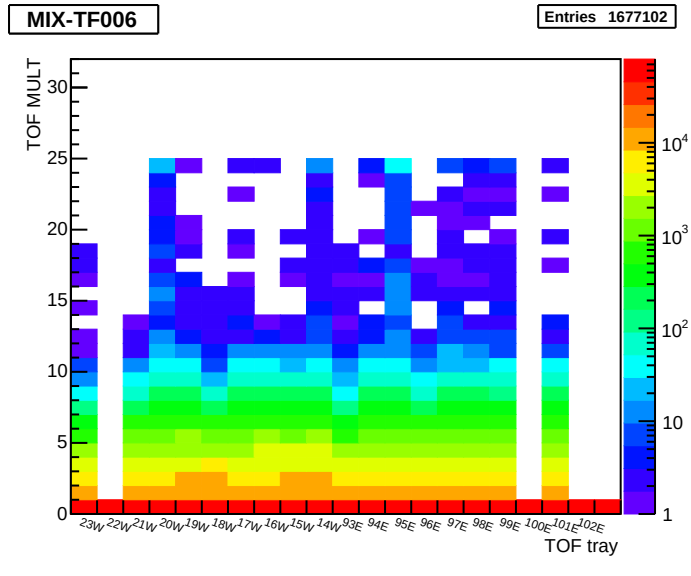

MIX-TF001
Entries 1677102
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

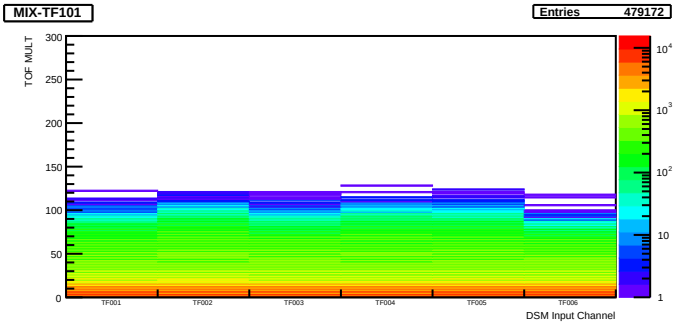

MIX-TF002
Entries 1677102
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

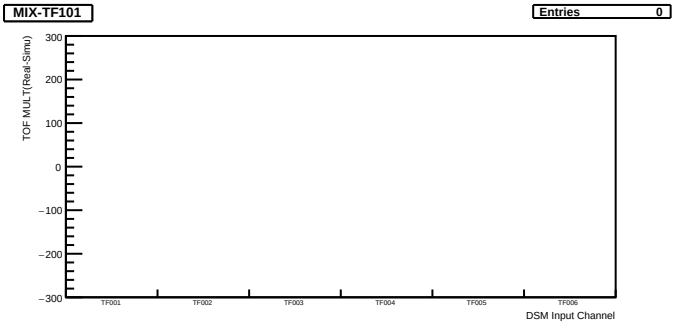

MIX-TF003
Entries 1677102
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

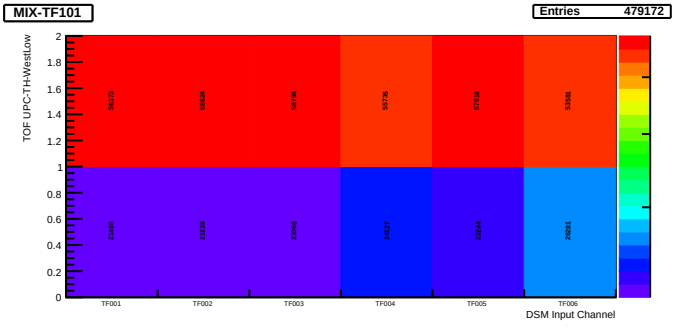

MIX-TF004
Entries 1677102
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

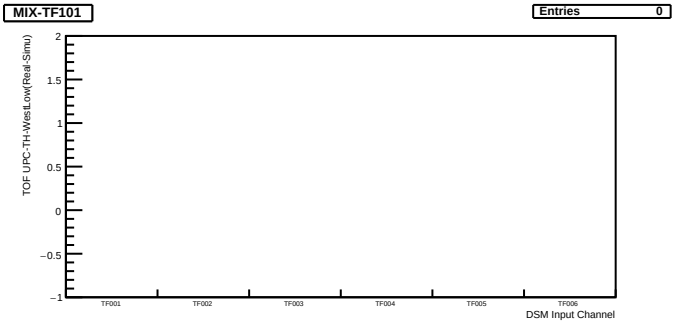

MIX-TF005
Entries 1677102
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

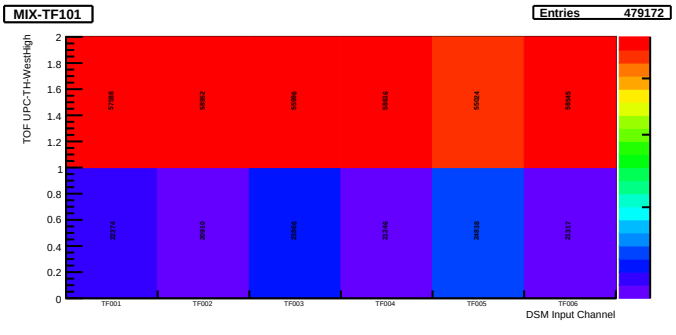

MIX-TF006
Entries 1677102
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

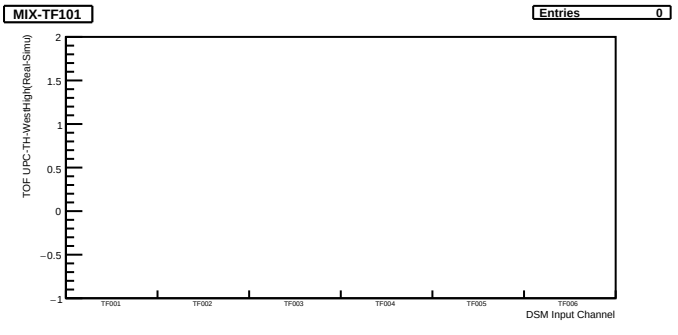

MIX-TF101
Entries 479172
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

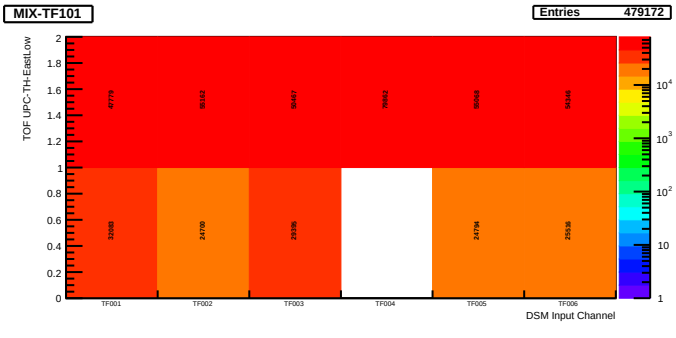

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

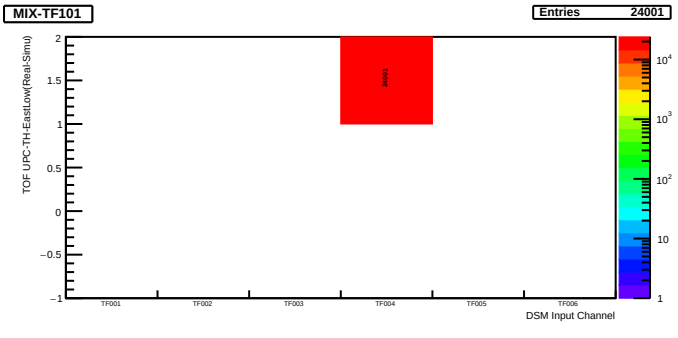

MIX-TF101
Entries 479172
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

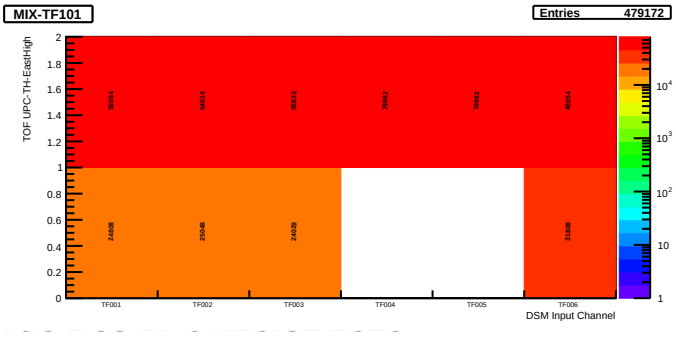

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

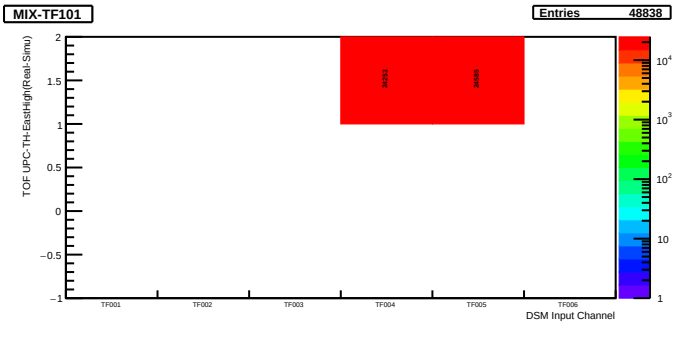

MIX-TF101
Entries 479172
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

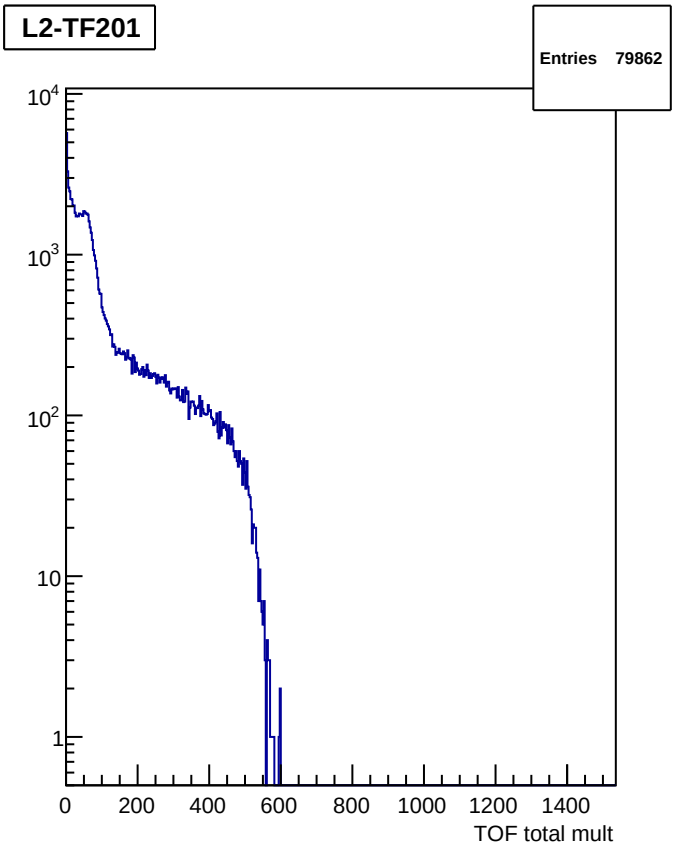

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

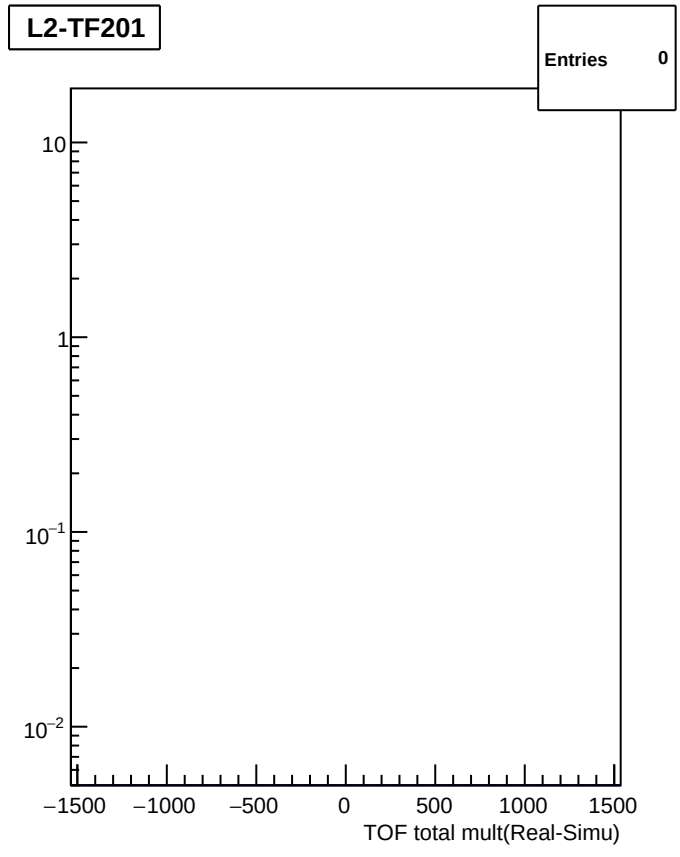

MIX-TF101
Entries 479172
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

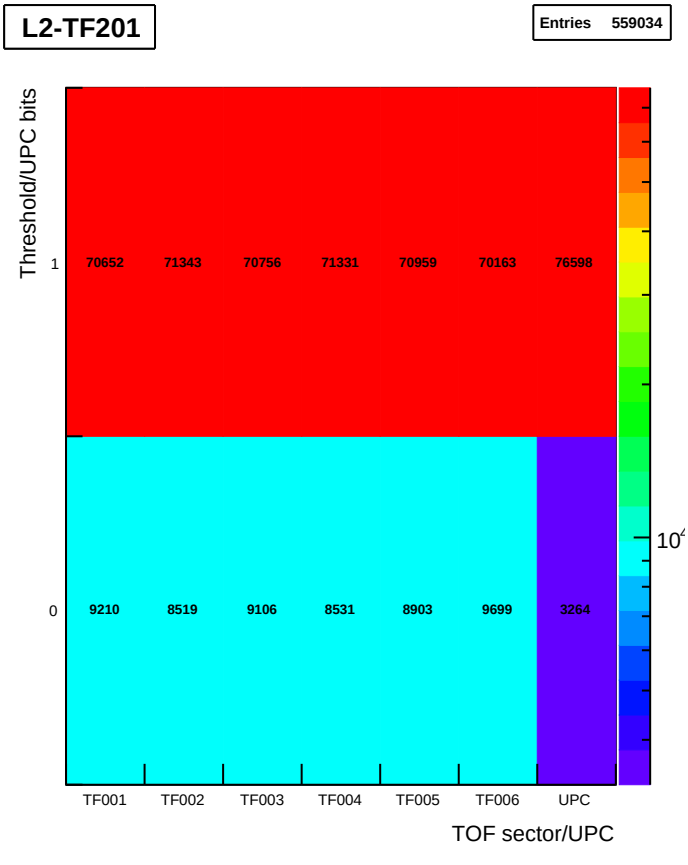

MIX-TF101
Entries 24001
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

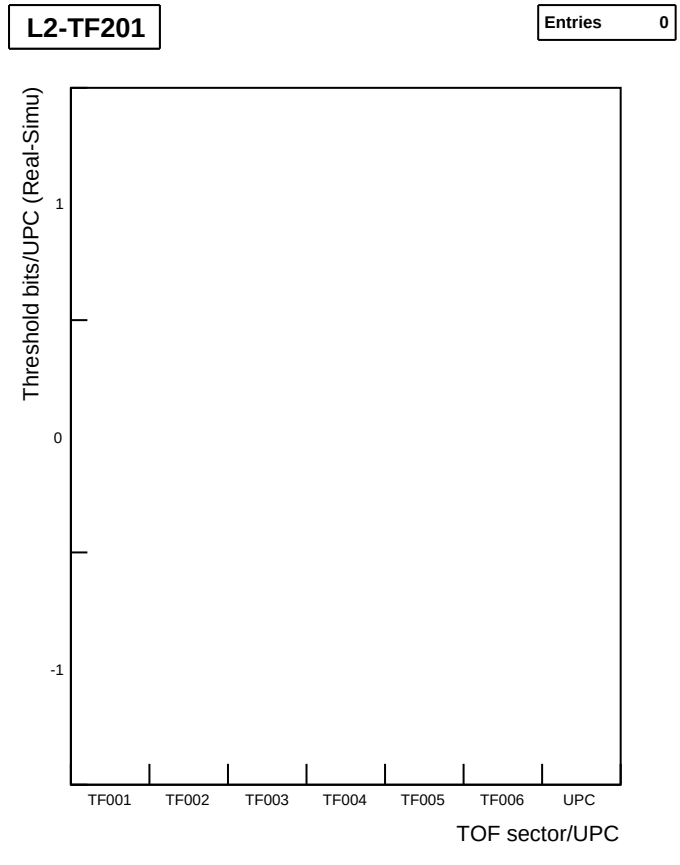

MIX-TF101
Entries 479172
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

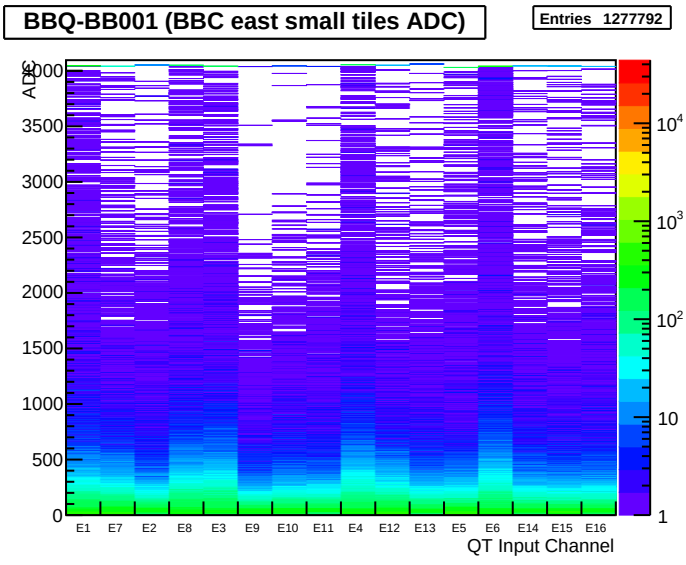

MIX-TF101
Entries 48838
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

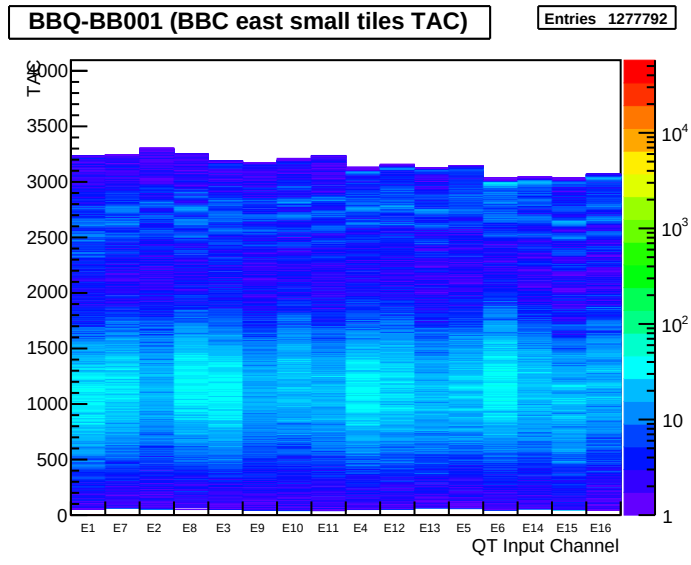

L2-TF201
Entries 79862
TOF total mult

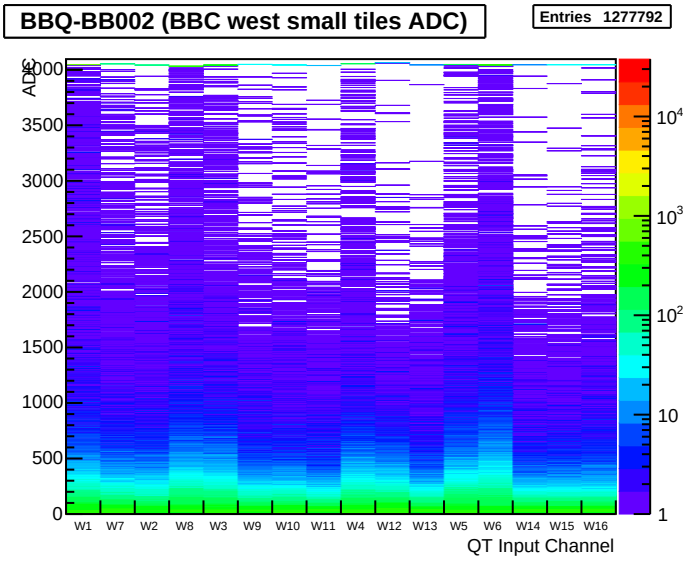

L2-TF201
Entries 0
TOF total mult(Real-Simu)

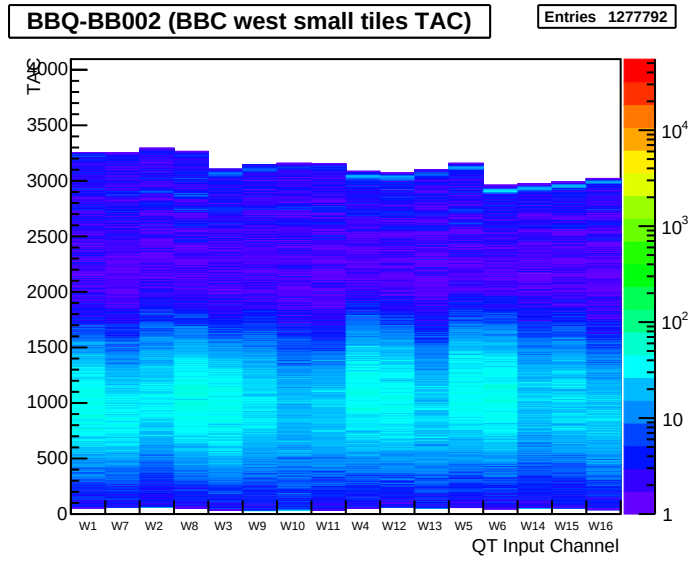

L2-TF201
Entries 559034
Threshold/UPC bits
70652 71343 70756 71331 70959 70163 76598
9210 8519 9106 8531 8903 9699 3264
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

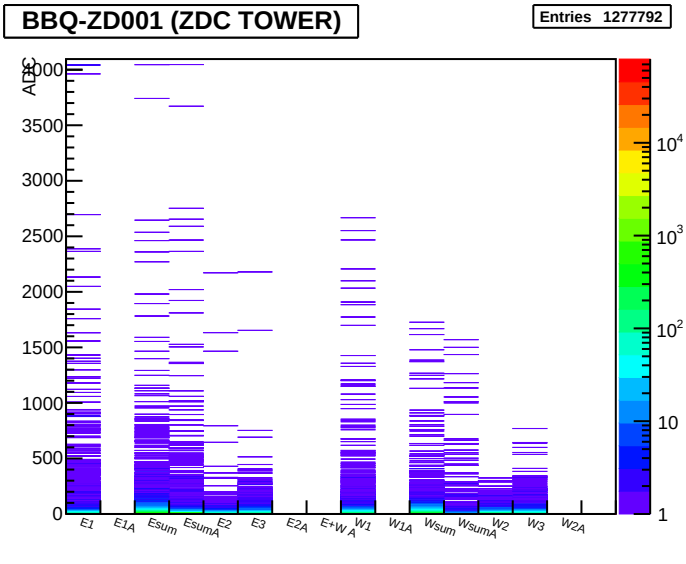

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

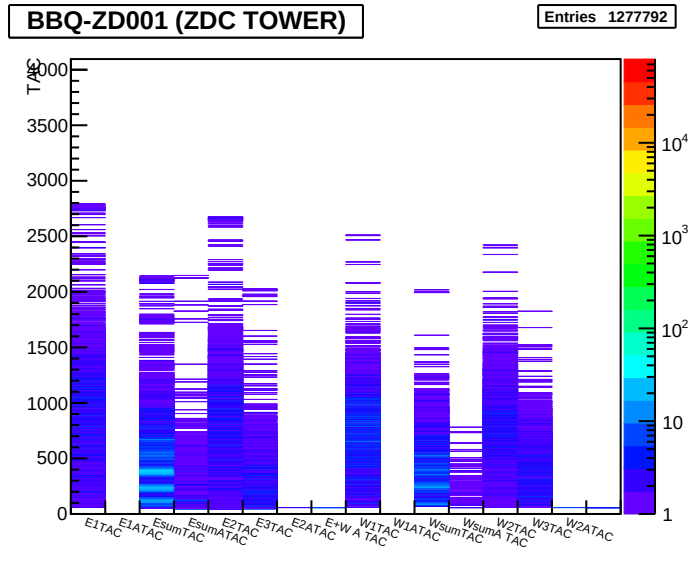

BBQ-BB001 (BBC east small tiles ADC)
Entries 1277792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

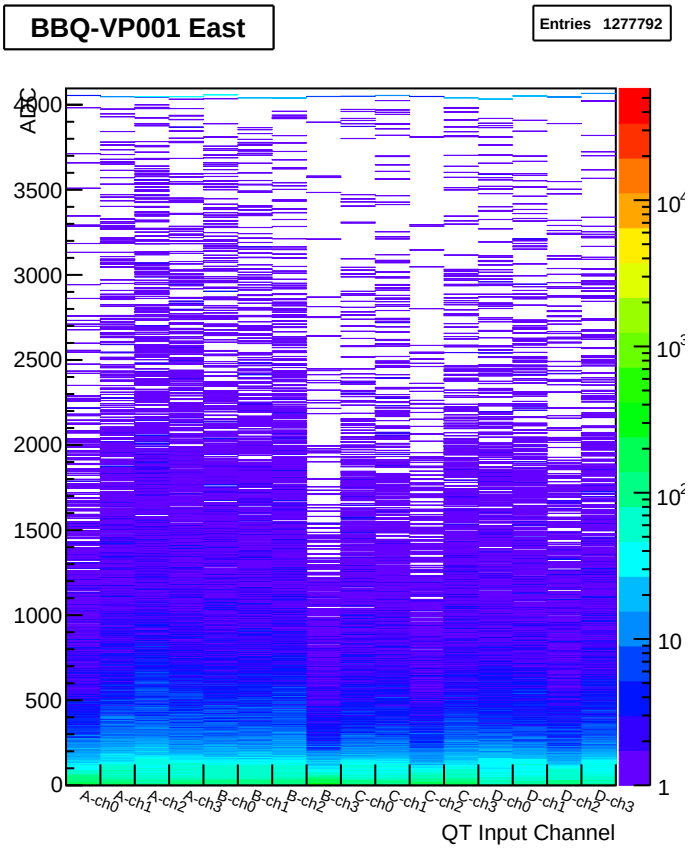

BBQ-BB001 (BBC east small tiles TAC)
Entries 1277792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

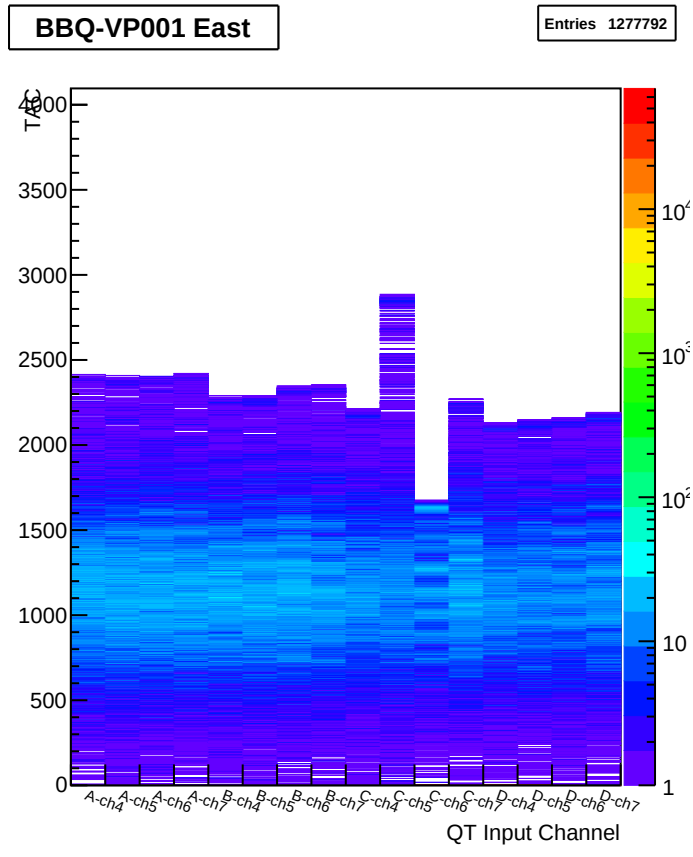

BBQ-BB002 (BBC west small tiles ADC)
Entries 1277792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

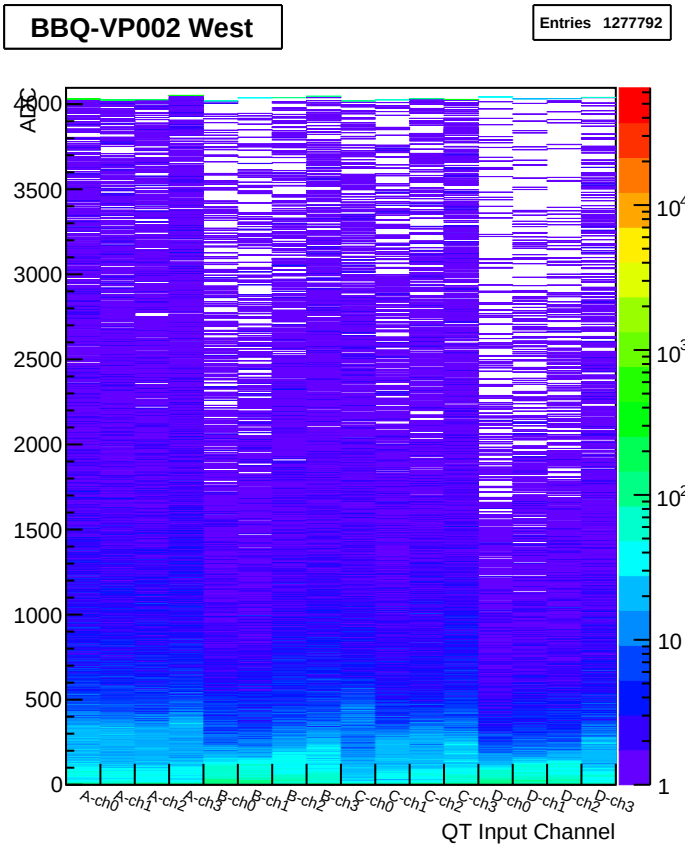

BBQ-BB002 (BBC west small tiles TAC)
Entries 1277792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

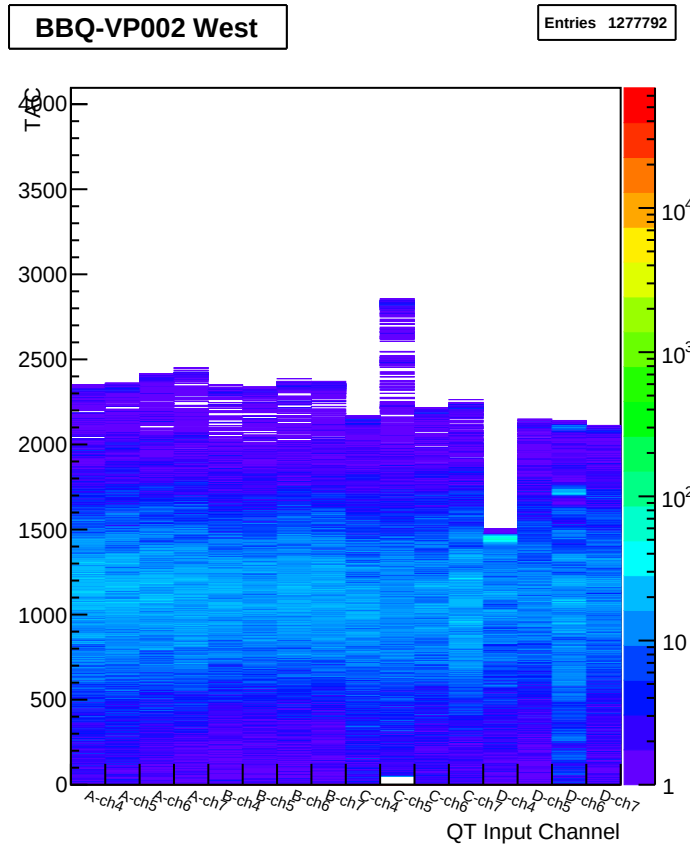

BBQ-ZD001 (ZDC TOWER)
Entries 1277792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

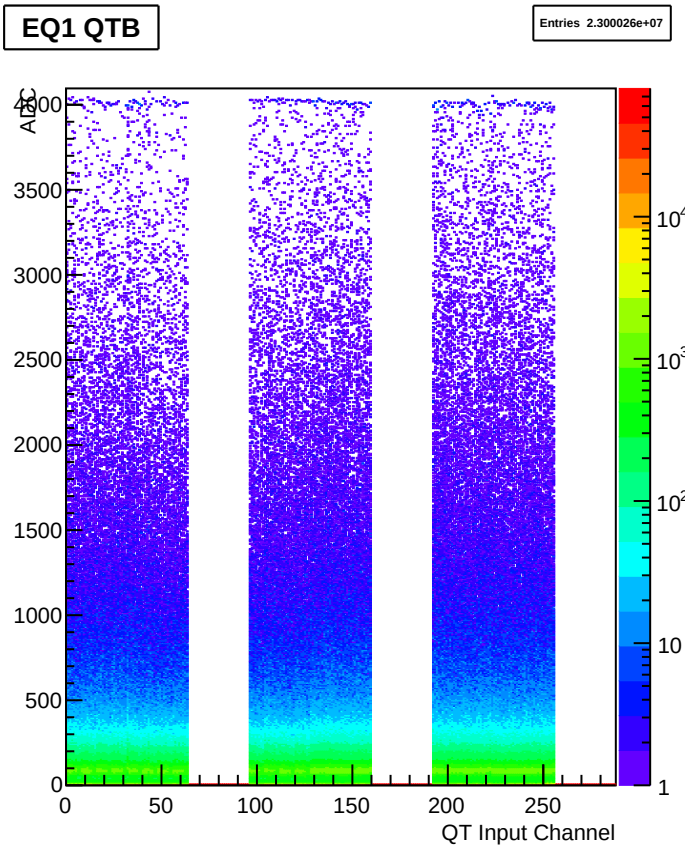

BBQ-ZD001 (ZDC TOWER)
Entries 1277792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

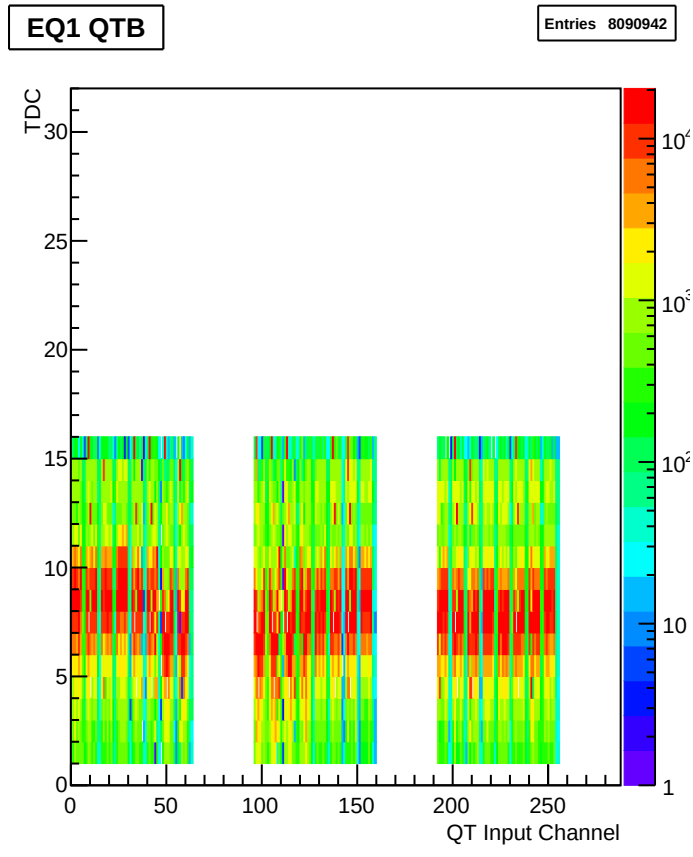

BBQ-VP001 East
Entries 1277792
ADC
QT Input Channel

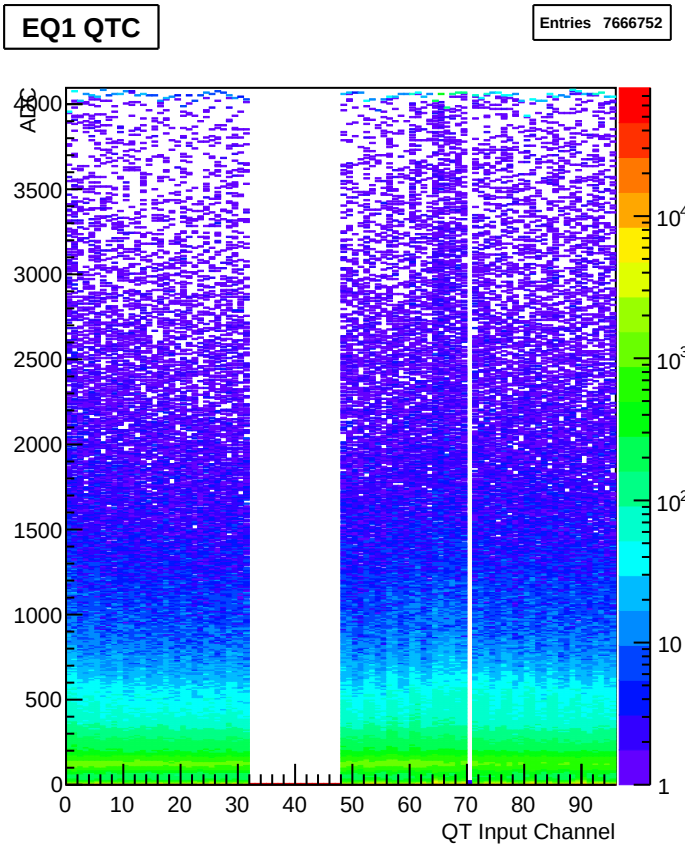

BBQ-VP001 East
Entries 1277792
TAC
QT Input Channel

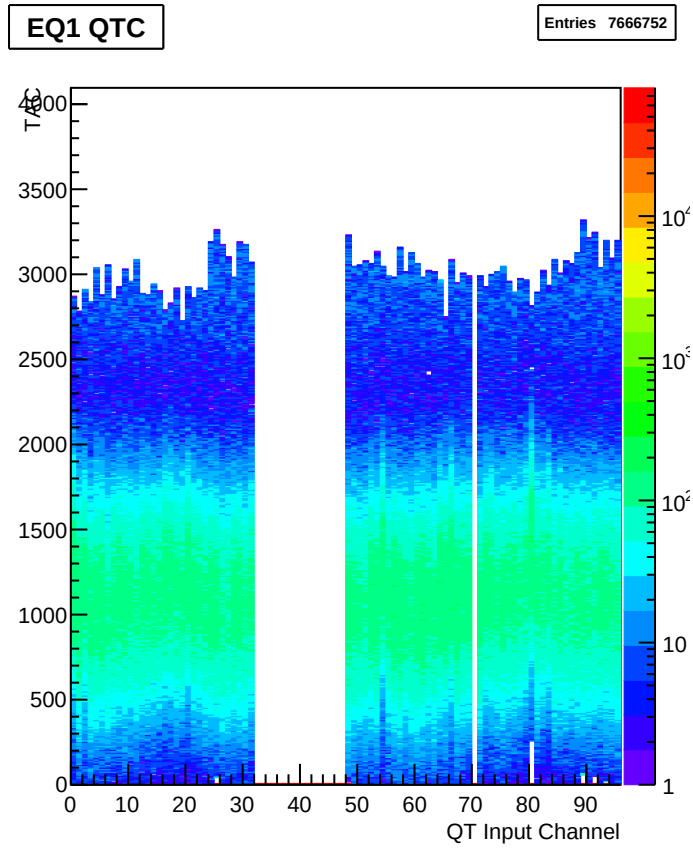

BBQ-VP002 West
Entries 1277792
ADC
QT Input Channel

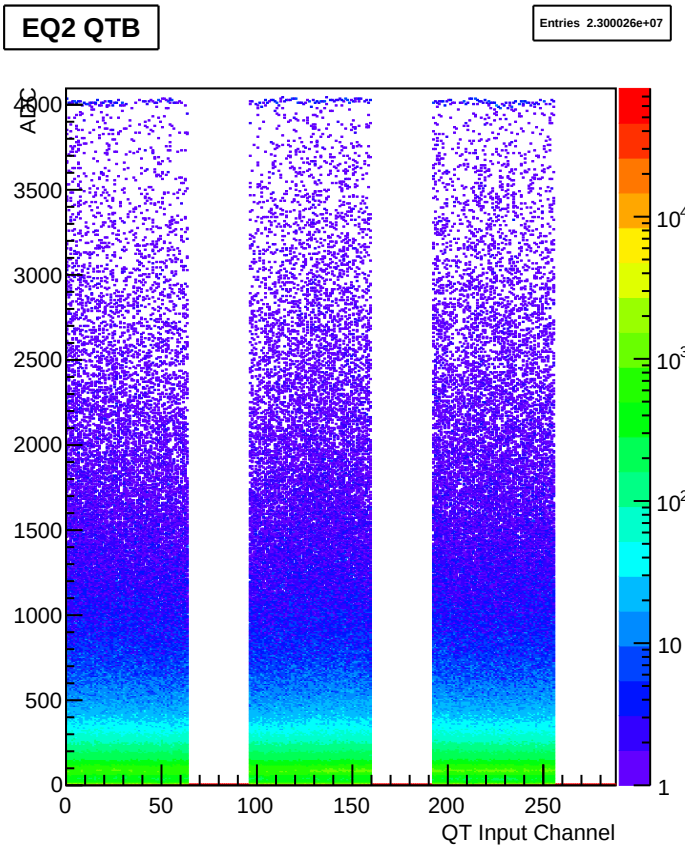

BBQ-VP002 West
Entries 1277792
TAC
QT Input Channel

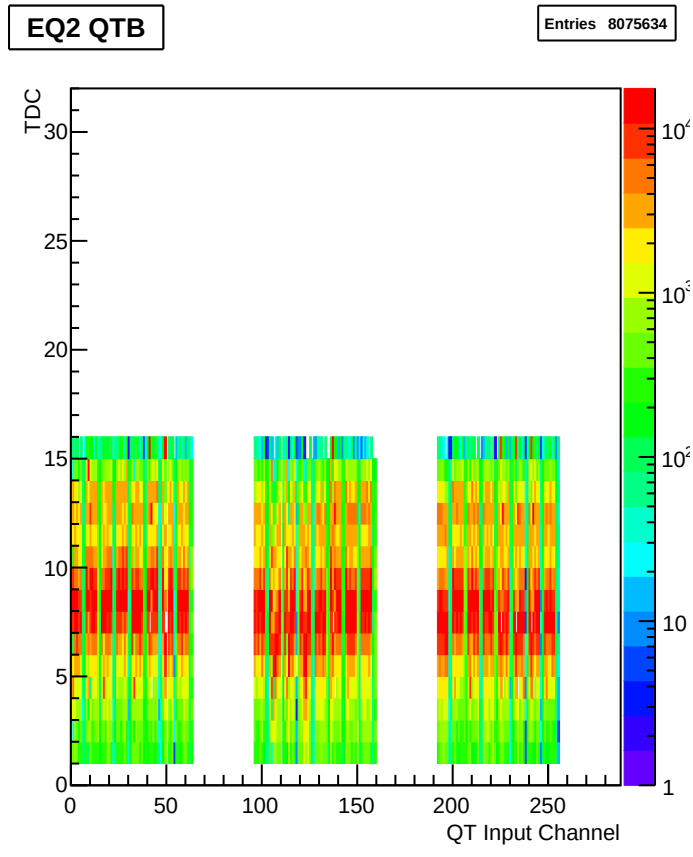

EQ1 QTB
Entries 2.300026e+07
ADC
QT Input Channel

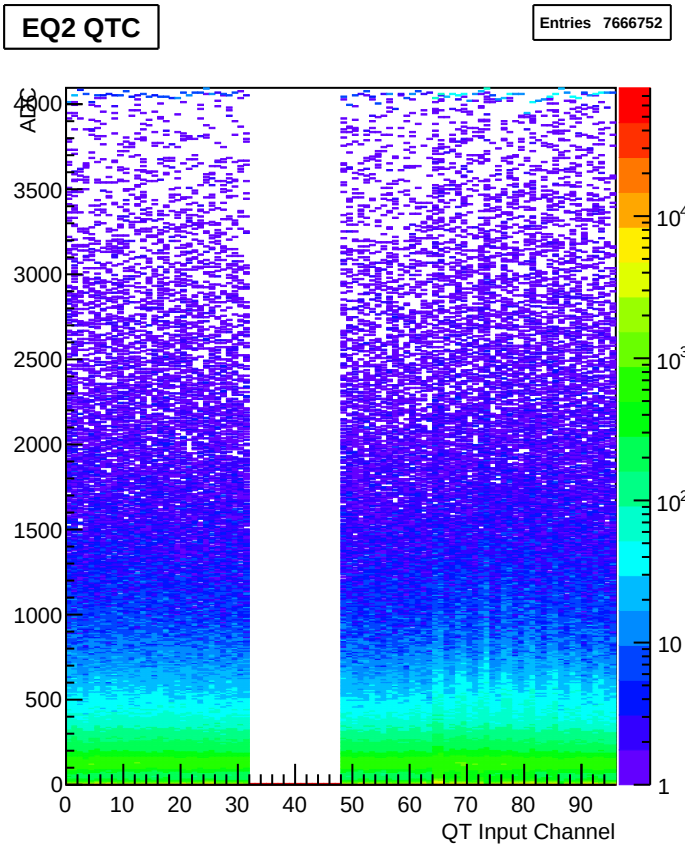

EQ1 QTB
Entries 8090942
TDC
QT Input Channel

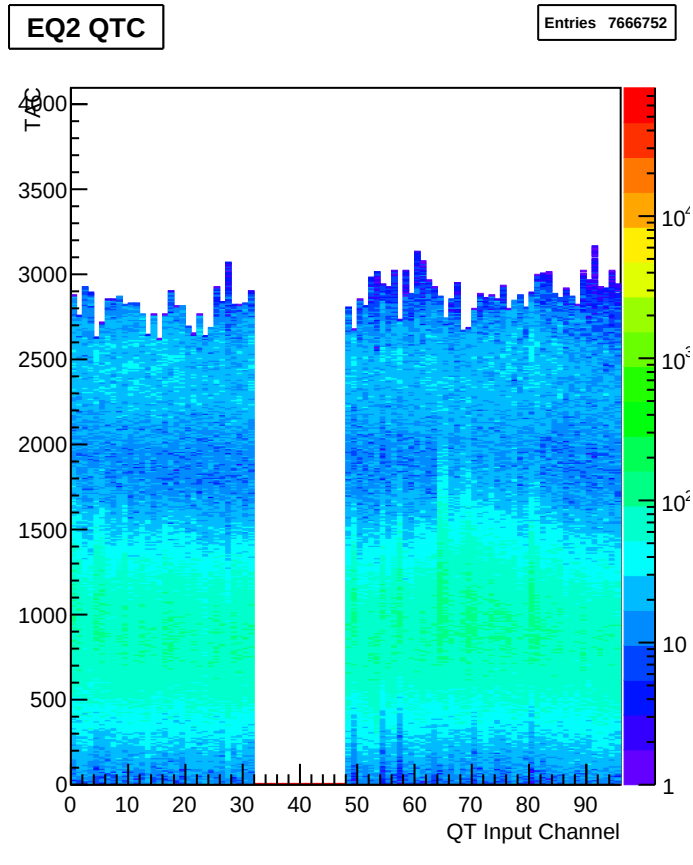

EQ1 QTC
Entries 7666752
ADC
QT Input Channel

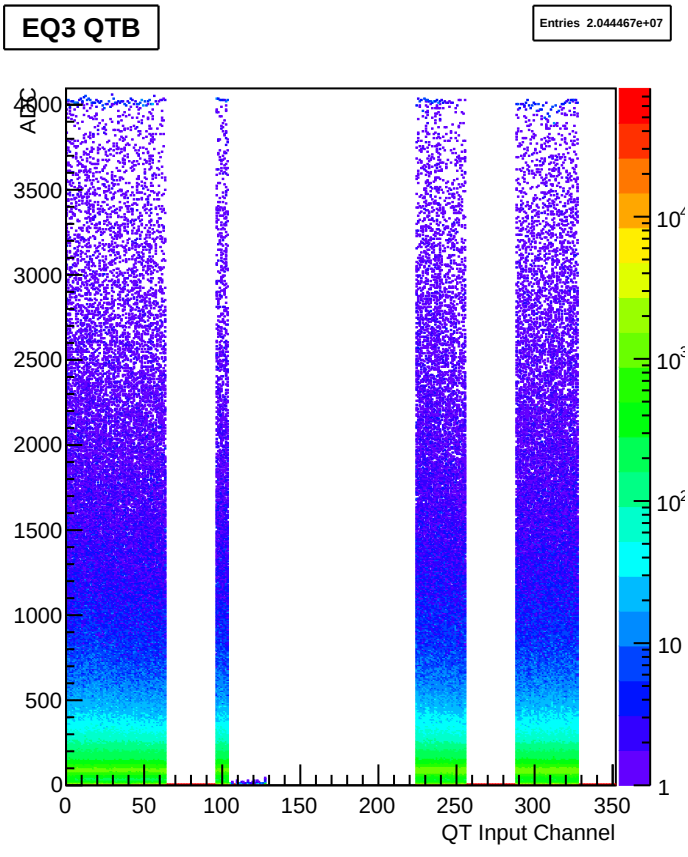

EQ1 QTC
Entries 7666752
TADC
QT Input Channel

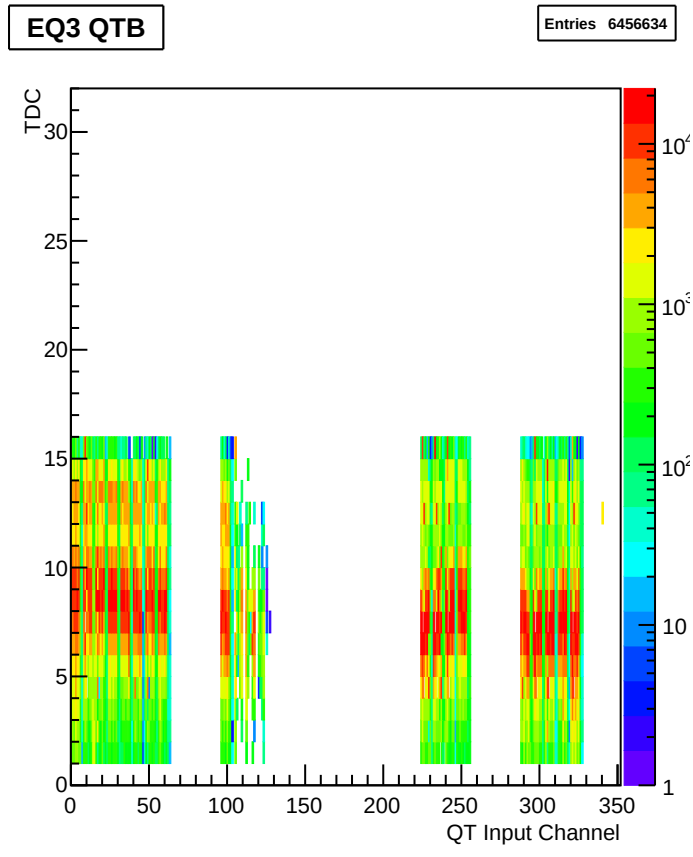

EQ2 QTB
Entries 2.300026e+07
ADC
QT Input Channel

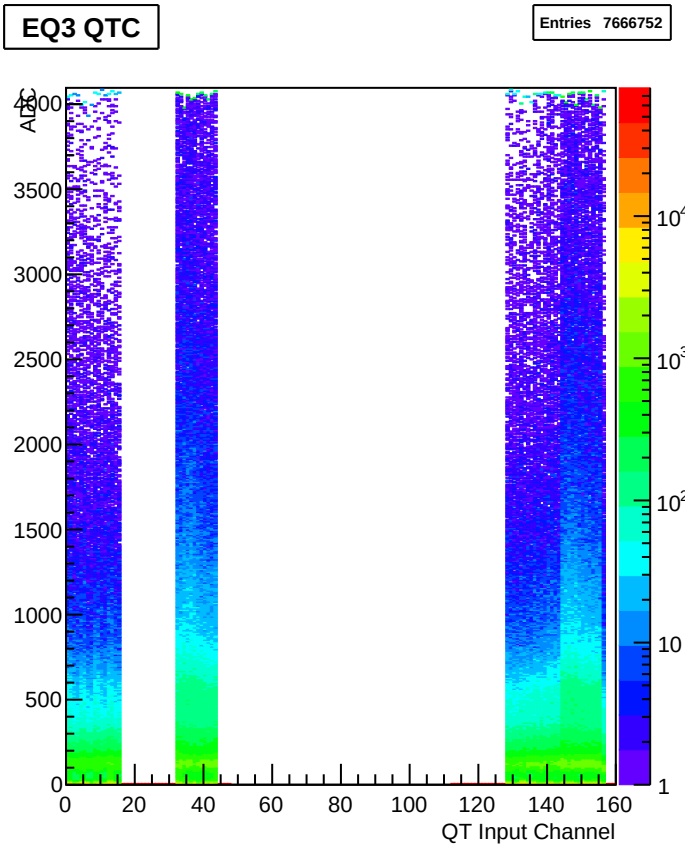

EQ2 QTB
Entries 8075634
TDC
QT Input Channel

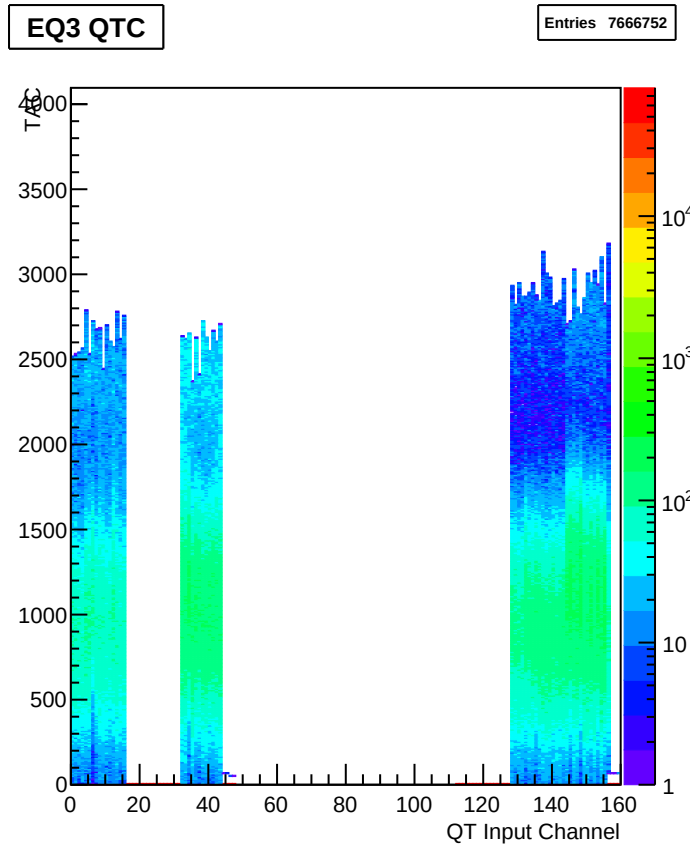

EQ2 QTC
Entries 7666752
ADC
QT Input Channel

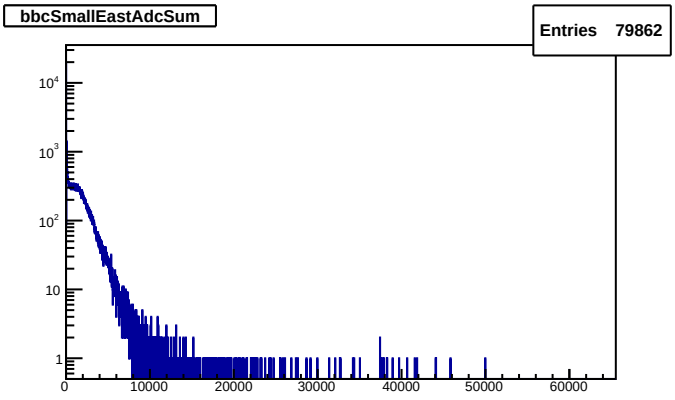

EQ2 QTC
Entries 7666752
TADC
QT Input Channel

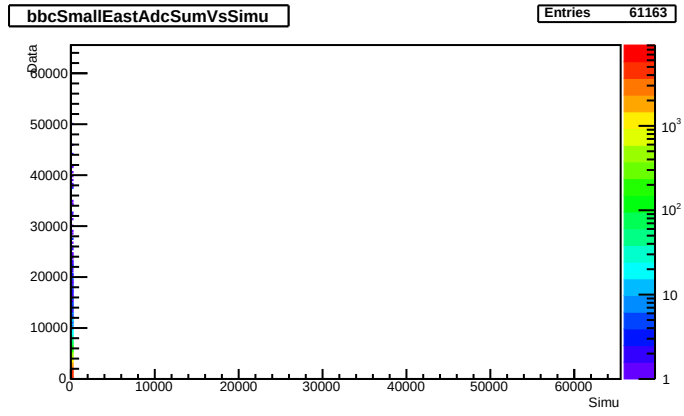

EQ3 QTB
Entries 2.044467e+07
ADC
QT Input Channel

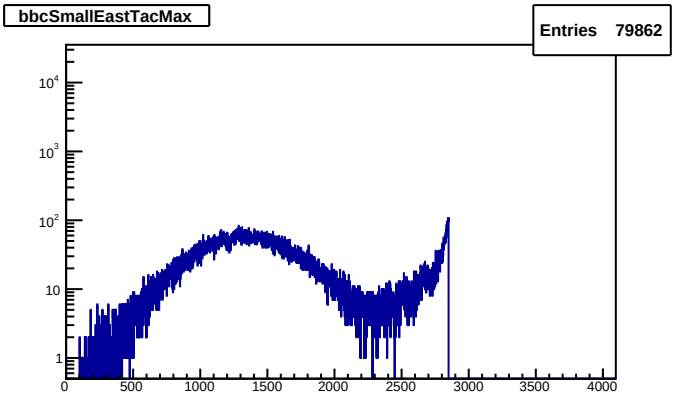

EQ3 QTB
Entries 6456634
TDC
QT Input Channel

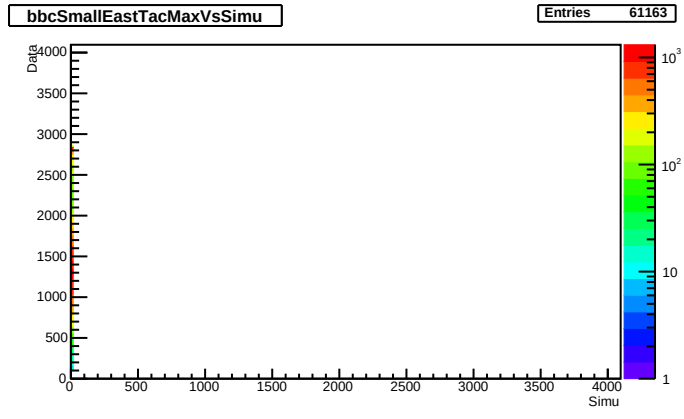

EQ3 QTC
Entries 7666752
ADC
QT Input Channel

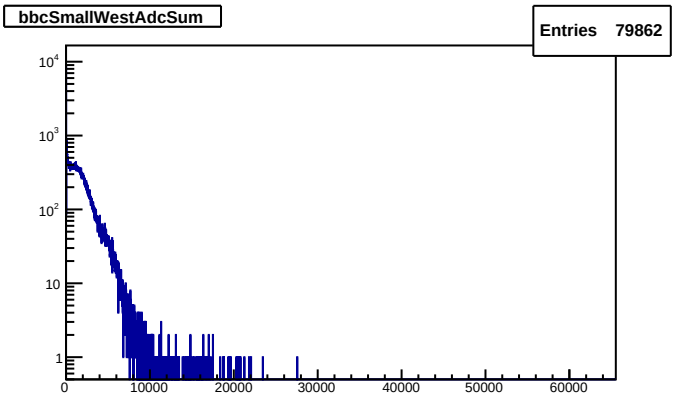

EQ3 QTC
Entries 7666752
TADC
QT Input Channel

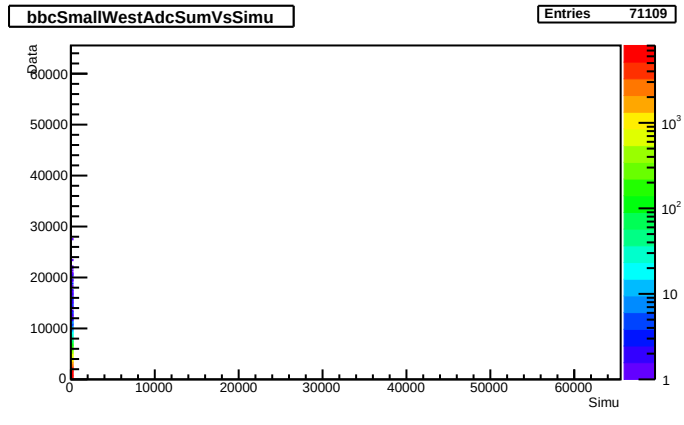

bbcSmallEastAdcSum
Entries 79862

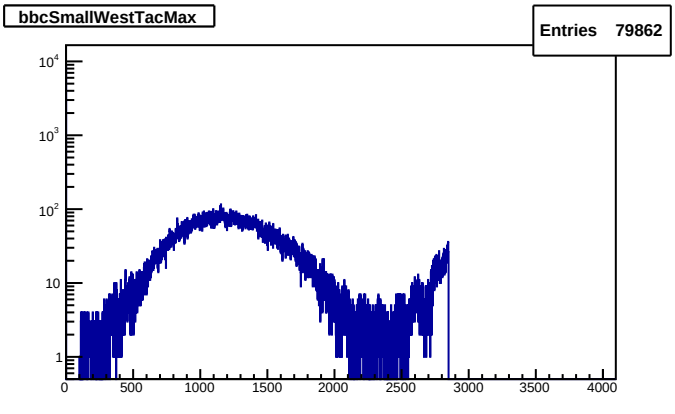

bbcSmallEastAdcSumVsSimu
Entries 61163
Data
Simu

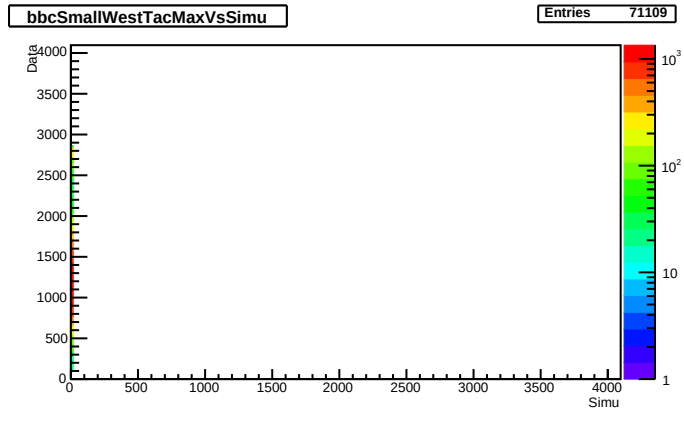

bbcSmallEastTacMax
Entries 79862

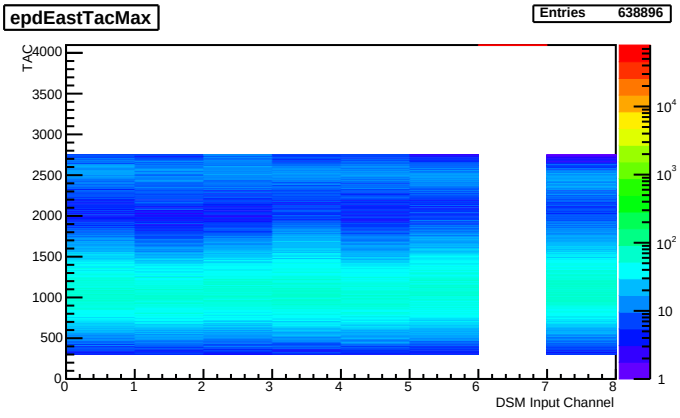

bbcSmallEastTacMaxVsSimu
Entries 61163
Data
Simu

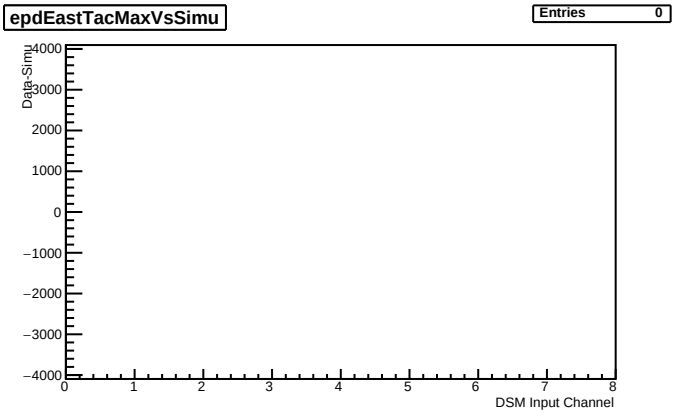

bbcSmallWestAdcSum
Entries 79862

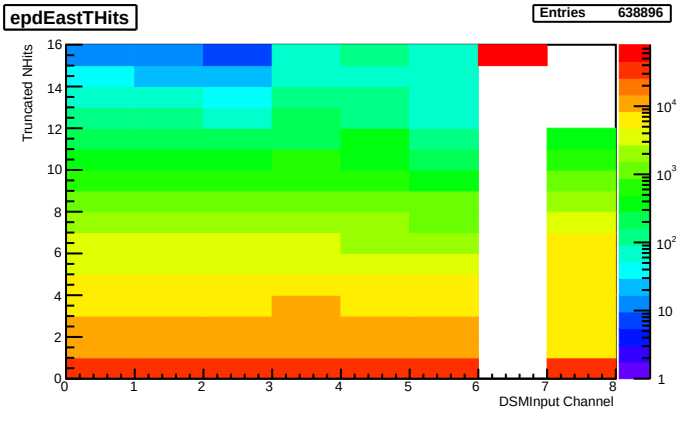

bbcSmallWestAdcSumVsSimu
Entries 71109
Data
Simu

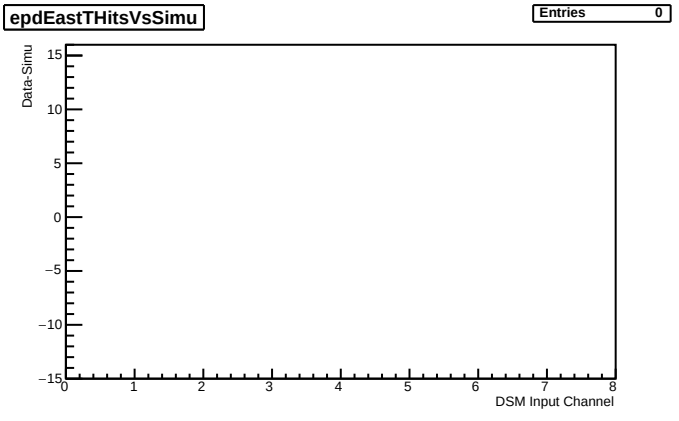

bbcSmallWestTacMax
Entries 79862

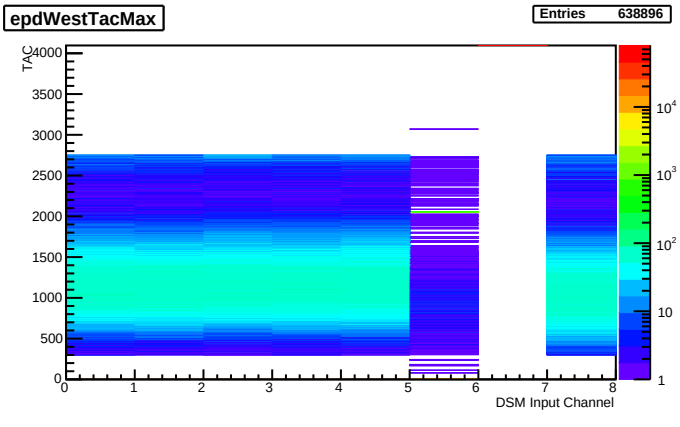

bbcSmallWestTacMaxVsSimu
Entries 71109
Data
Simu

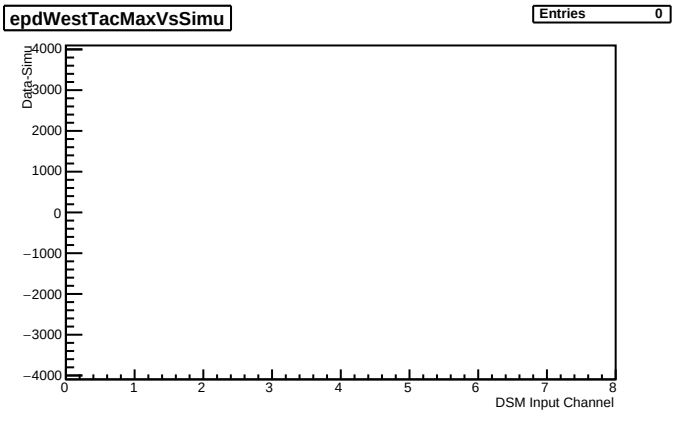

epdEastTacMax
Entries 638896
TAC
DSM Input Channel

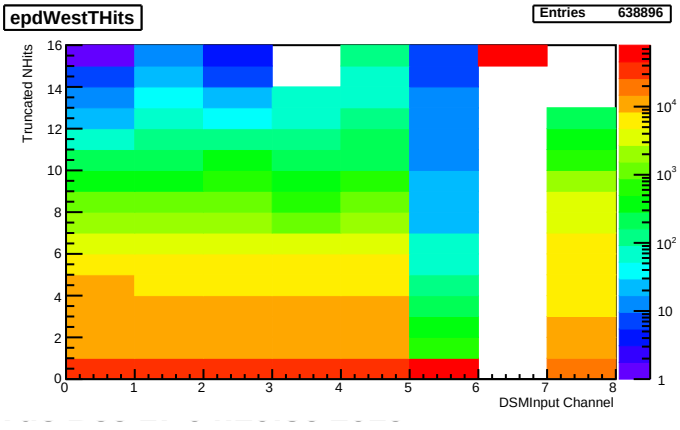

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

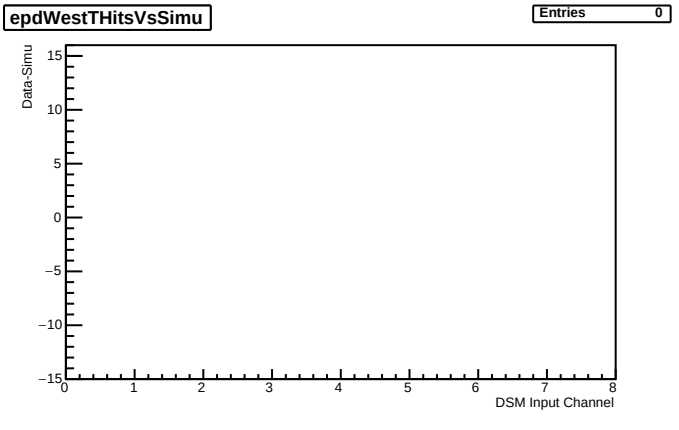

epdEastTHits
Entries 638896
Truncated NHits
DSMInput Channel

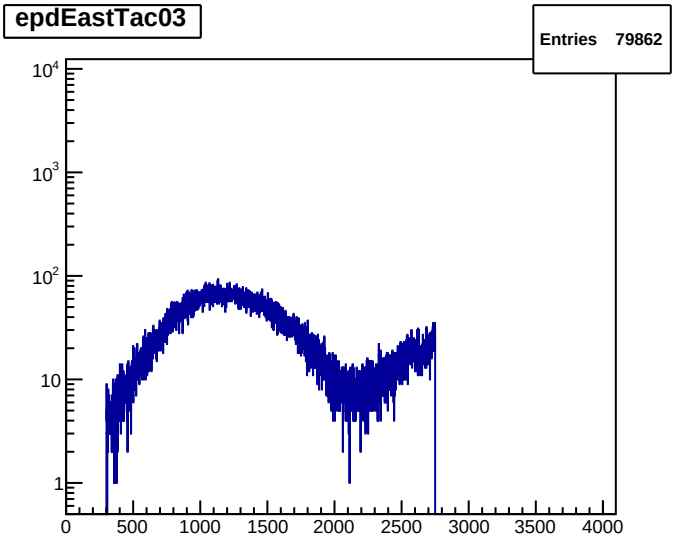

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

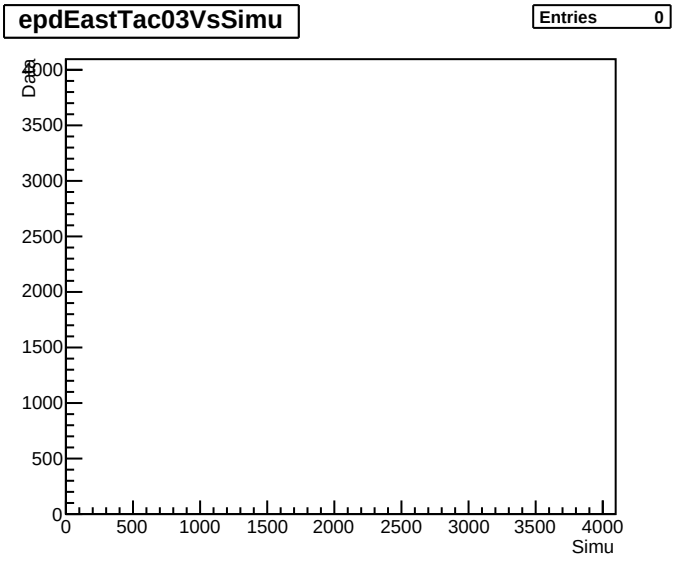

epdWestTacMax
Entries 638896
TAC
DSM Input Channel

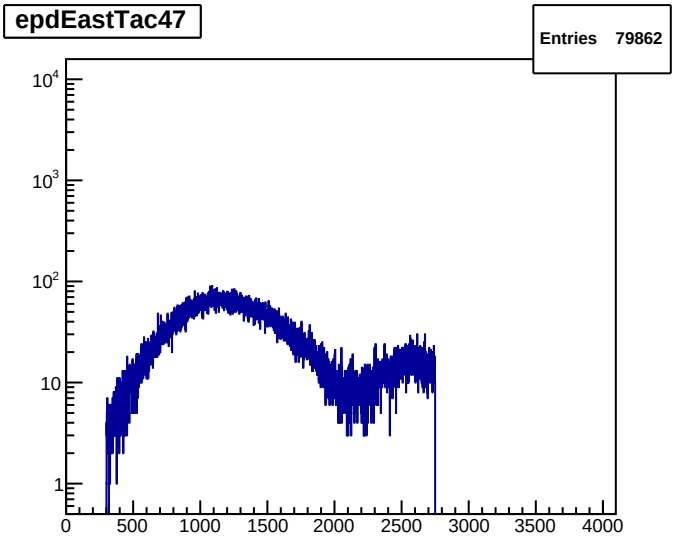

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

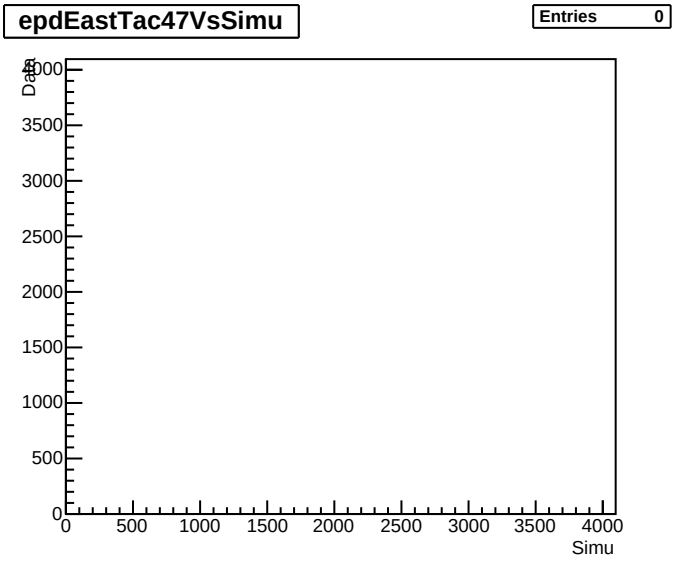

epdWestTHits
Entries 638896
Truncated NHits
DSMInput Channel

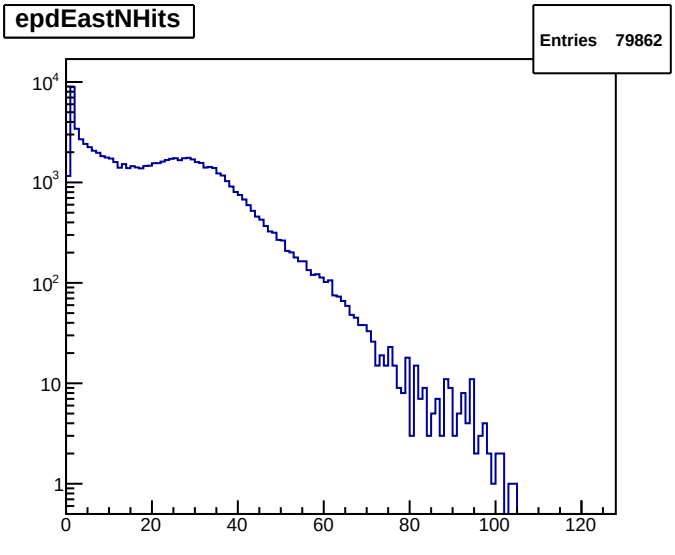

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

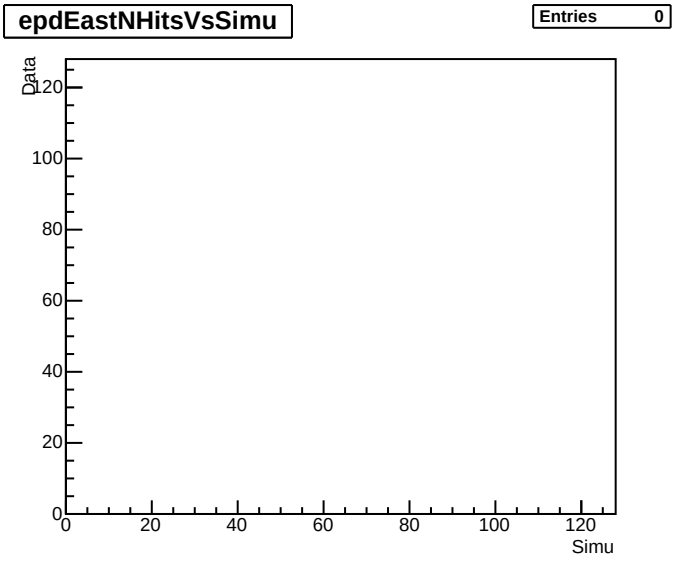

epdEastTac03
Entries 79862

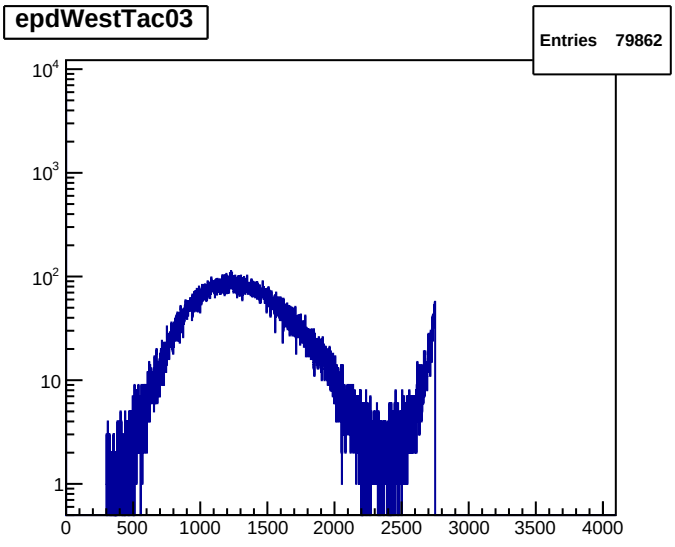

epdEastTac03VsSimu
Entries 0
Data
Simu

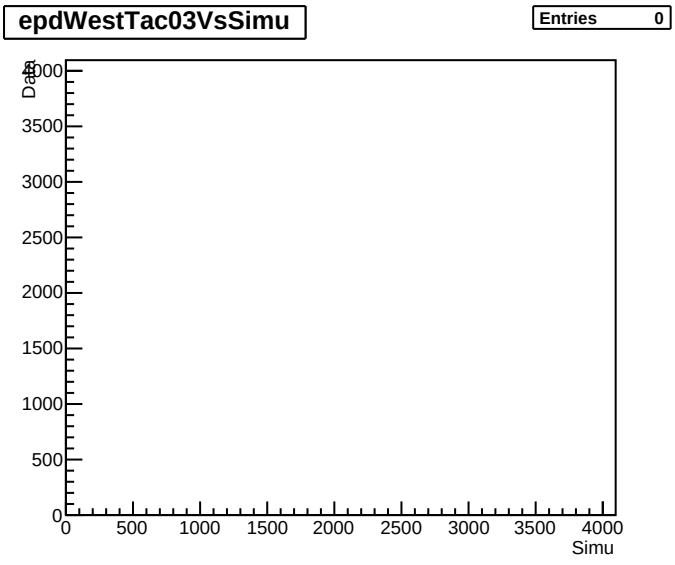

epdEastTac47
Entries 79862

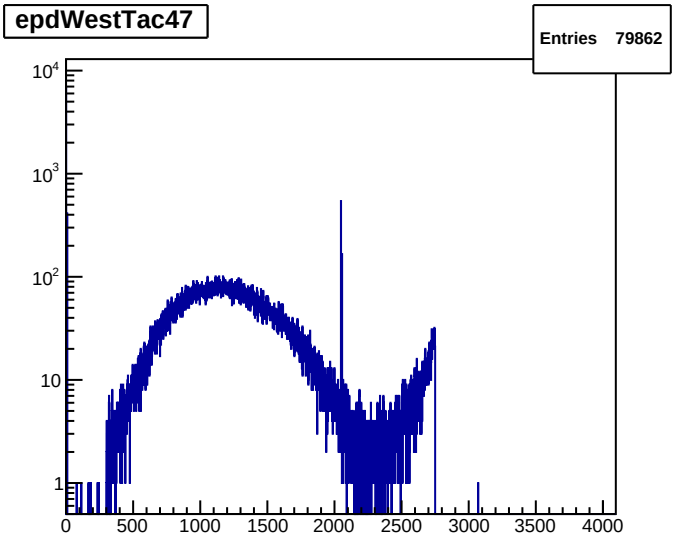

epdEastTac47VsSimu
Entries 0
Data
Simu

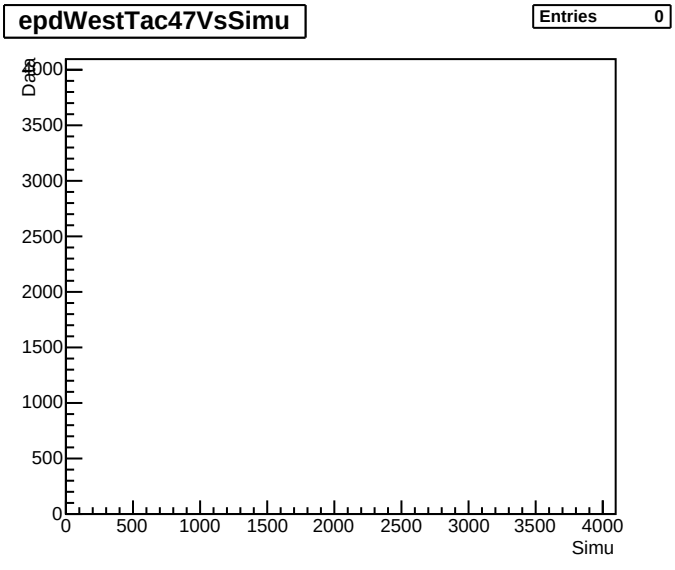

epdEastNHits
Entries 79862

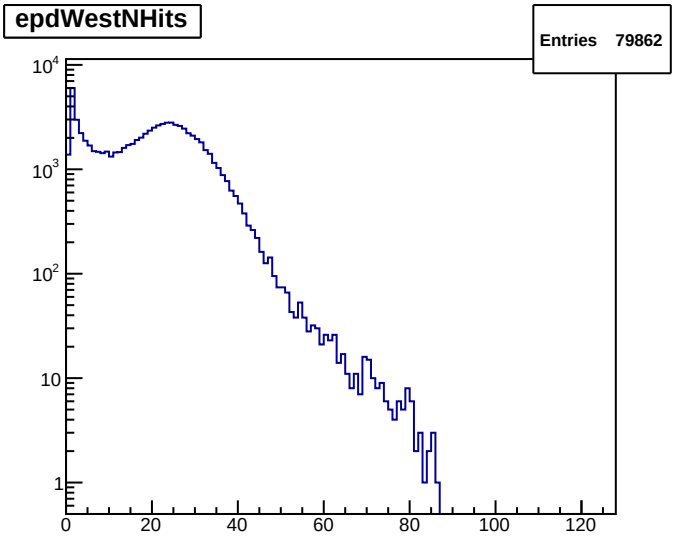

epdEastNHitsVsSimu
Entries 0
Data
Simu

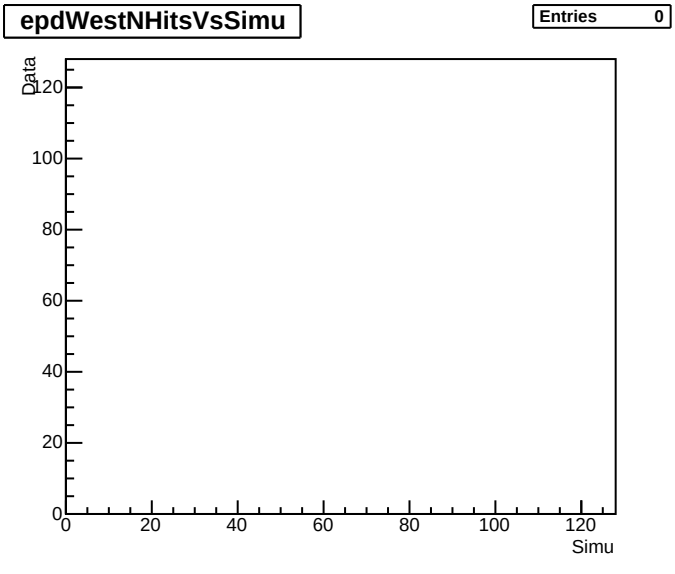

epdWestTac03
Entries 79862

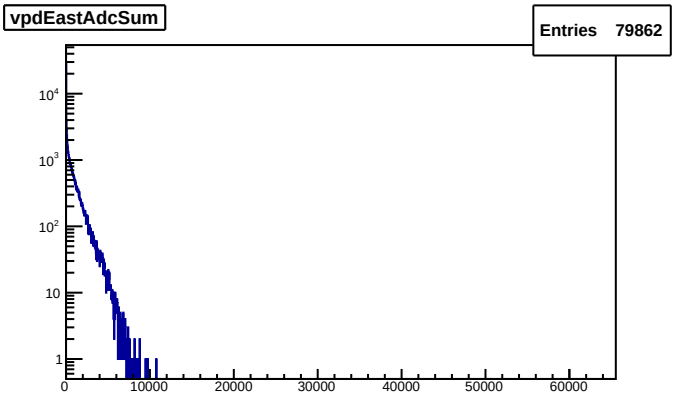

epdWestTac03VsSimu
Entries 0
Data
Simu

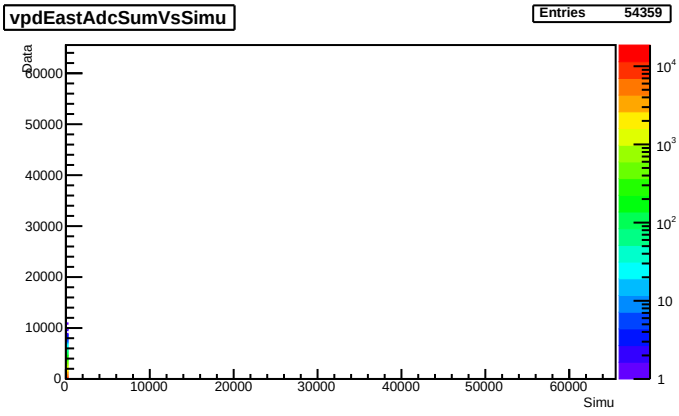

epdWestTac47
Entries 79862

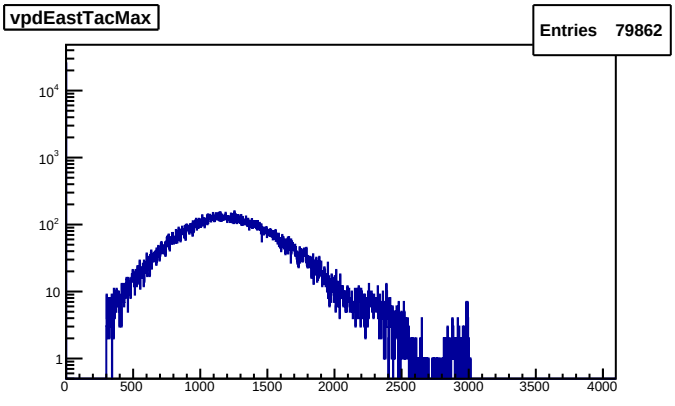

epdWestTac47VsSimu
Entries 0
Data
Simu

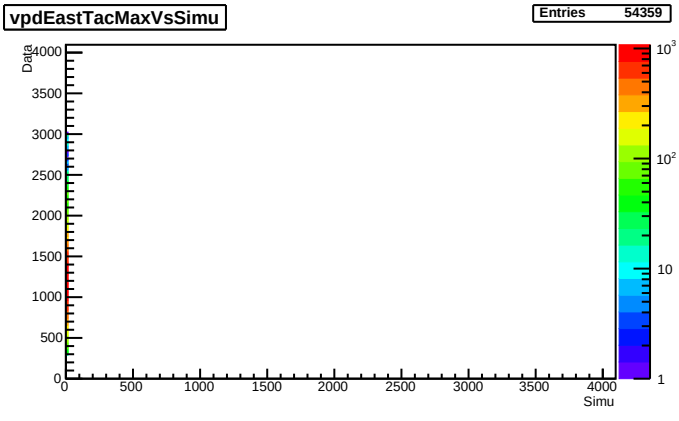

epdWestNHits
Entries 79862

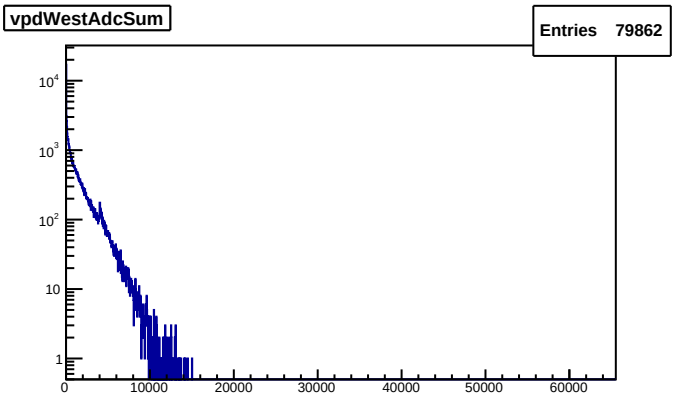

epdWestNHitsVsSimu
Entries 0
Data
Simu

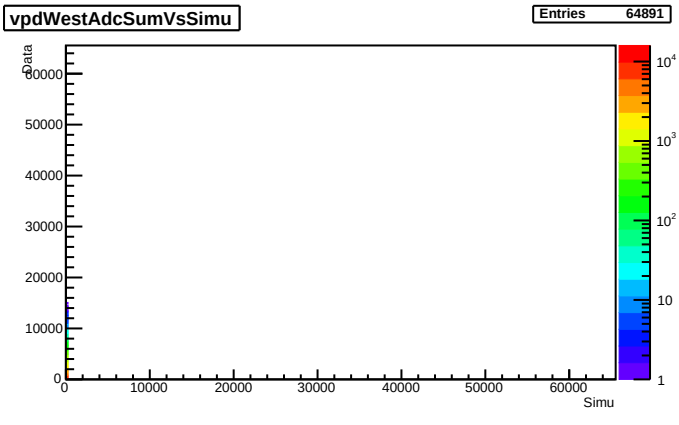

vpdEastAdcSum
Entries 79862

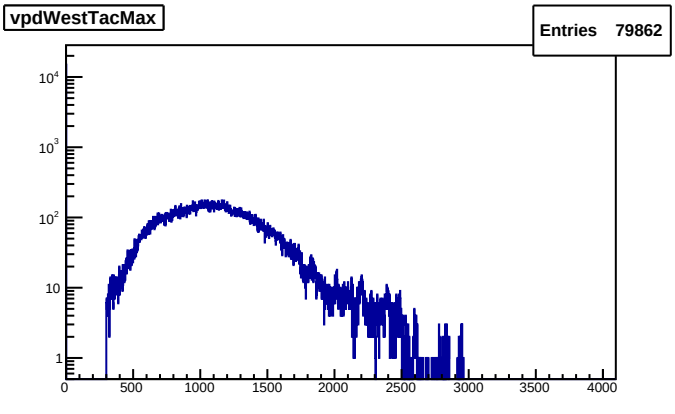

vpdEastAdcSumVsSimu
Entries 54359
Data
Simu

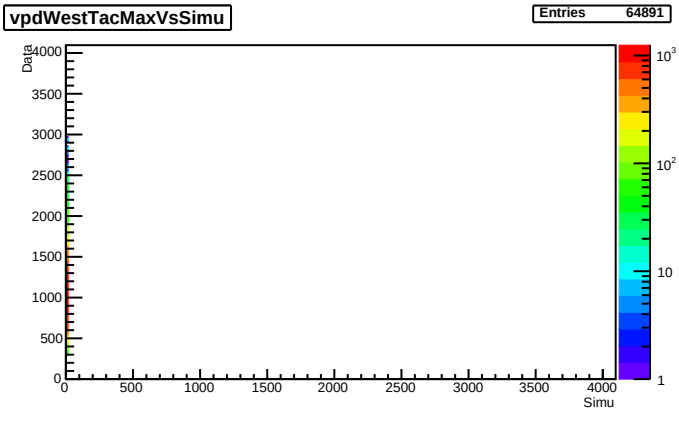

vpdEastTacMax
Entries 79862

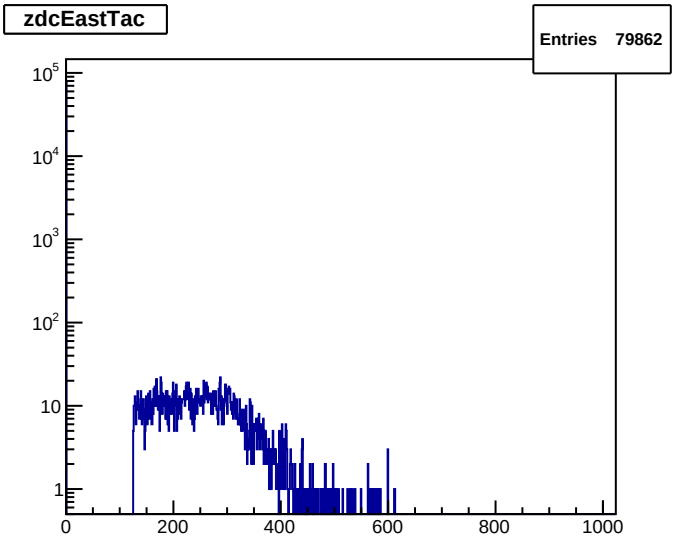

vpdEastTacMaxVsSimu
Entries 54359
Data
Simu

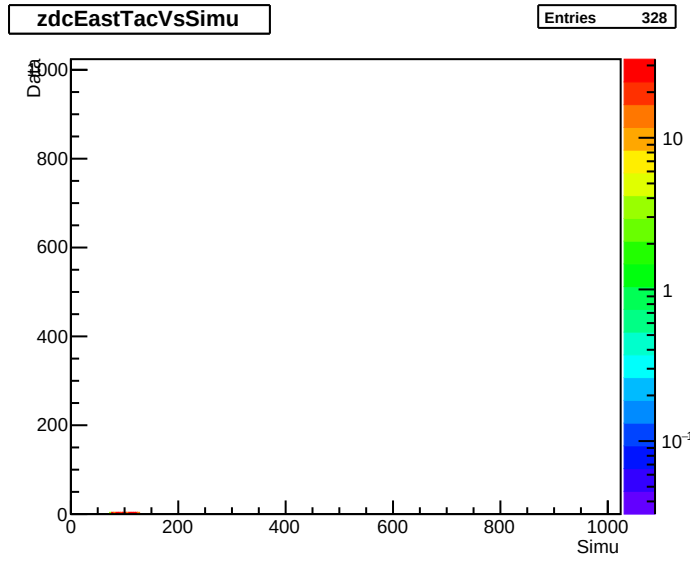

vpdWestAdcSum
Entries 79862

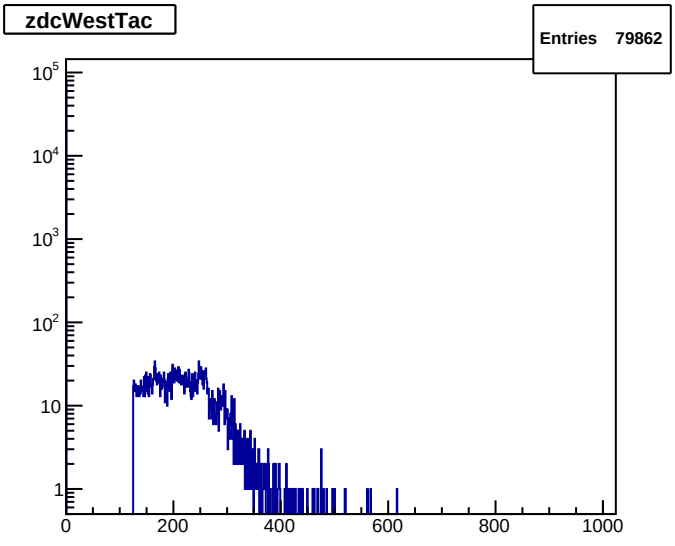

vpdWestAdcSumVsSimu
Entries 64891
Data
Simu

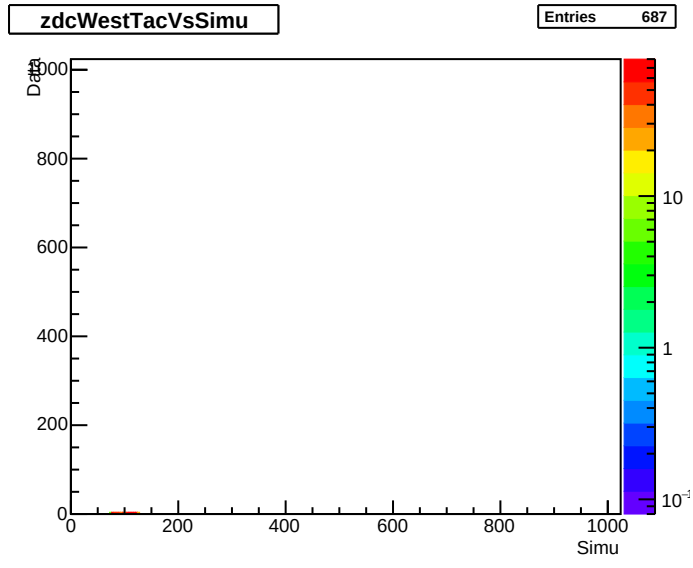

vpdWestTacMax
Entries 79862

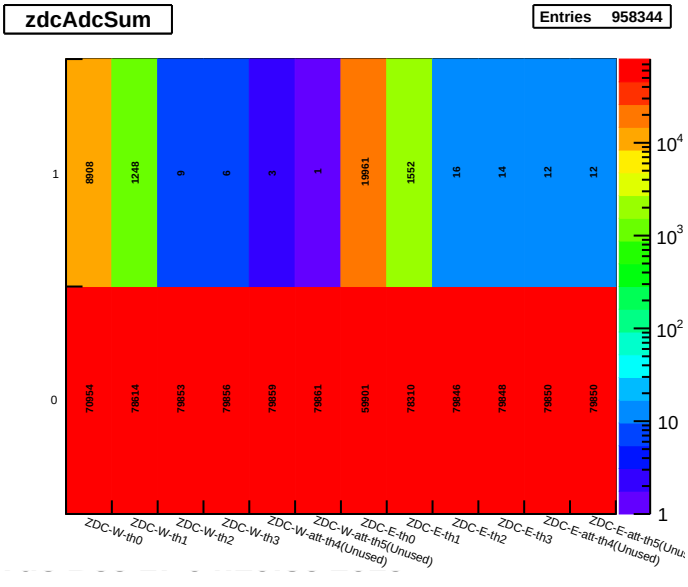

vpdWestTacMaxVsSimu
Entries 64891
Data
Simu

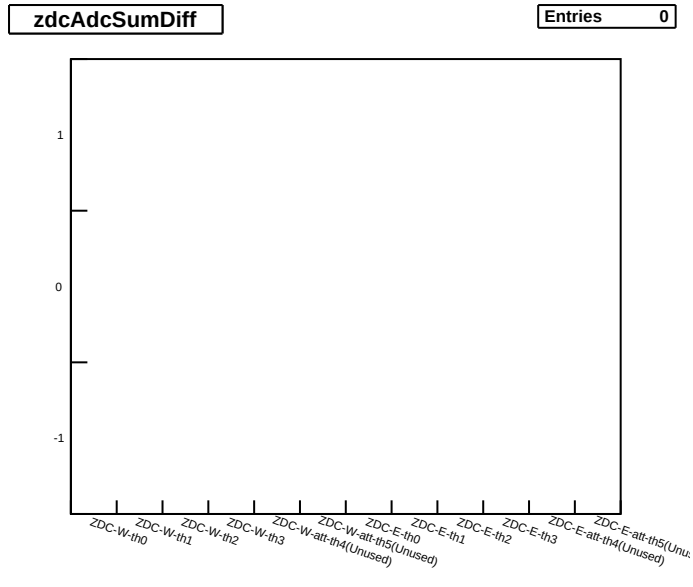

zdcEastTac
Entries 79862

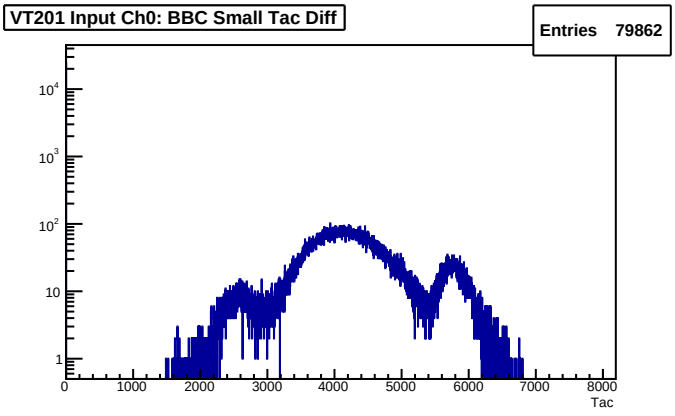

zdcEastTacVsSimu
Entries 328
Data
Simu

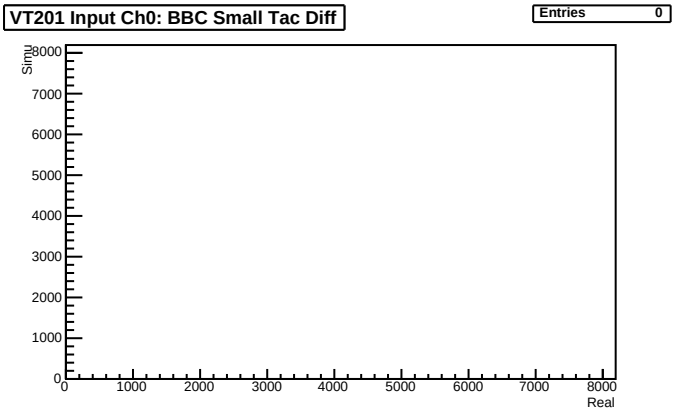

zdcWestTac
Entries 79862

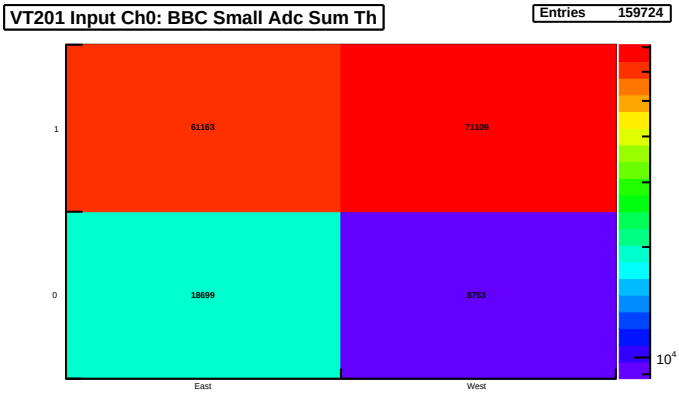

zdcWestTacVsSimu
Entries 687
Data
Simu

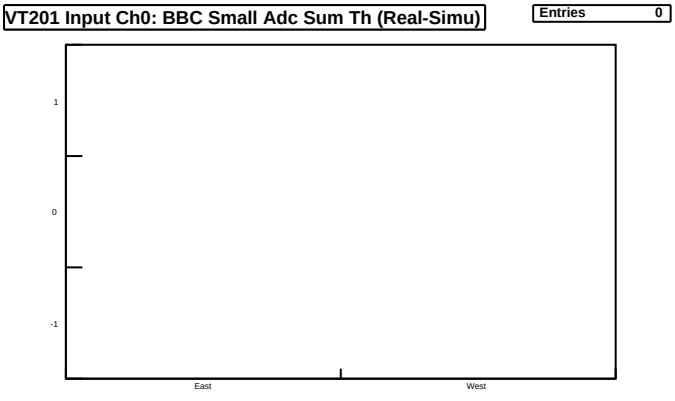

zdcAdcSum
Entries 958344
8908
1248
9
6
3
1
19961
1552
16
14
12
12
70954
78314
79653
79956
79959
79961
59901
78310
79946
79948
79950
79950
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

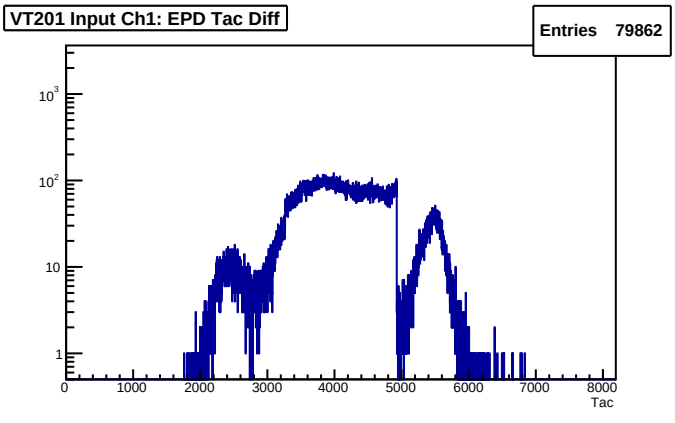

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

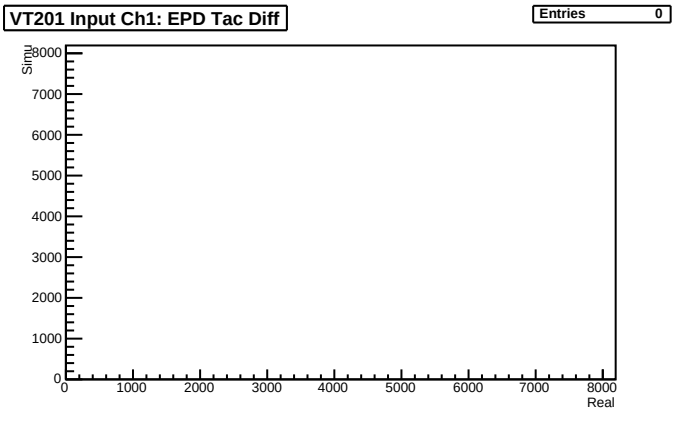

VT201 Input Ch0: BBC Small Tac Diff
Entries 79862
Tac

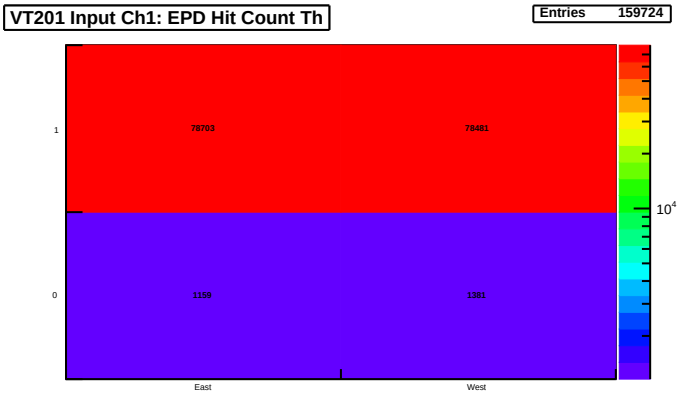

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

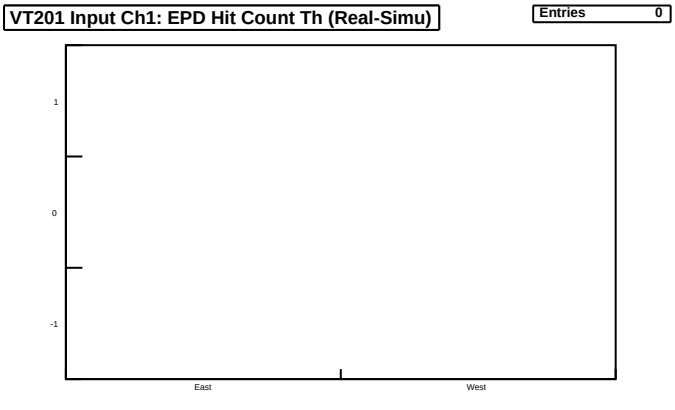

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 159724
61163
71109
18699
8753
East
West

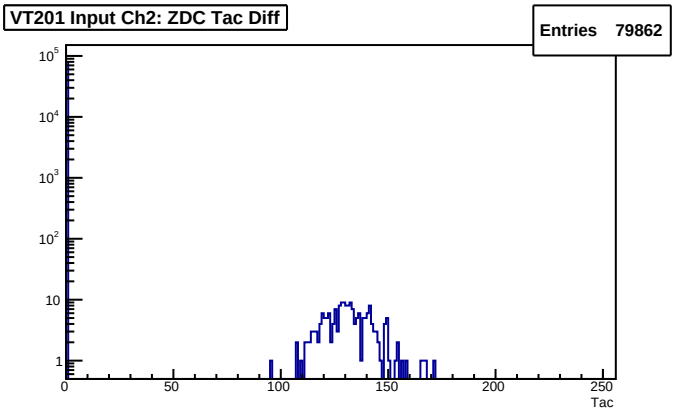

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

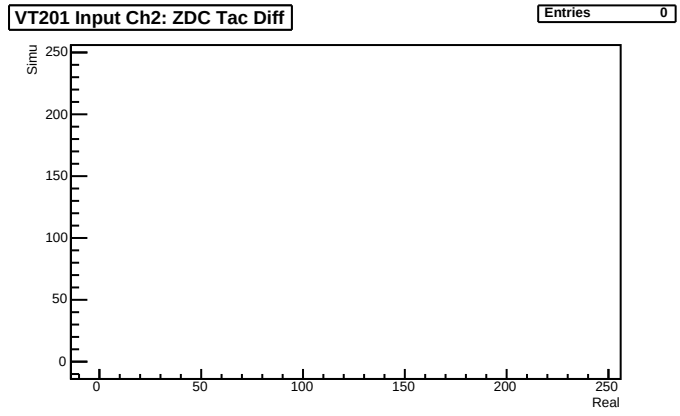

VT201 Input Ch1: EPD Tac Diff
Entries 79862
Tac

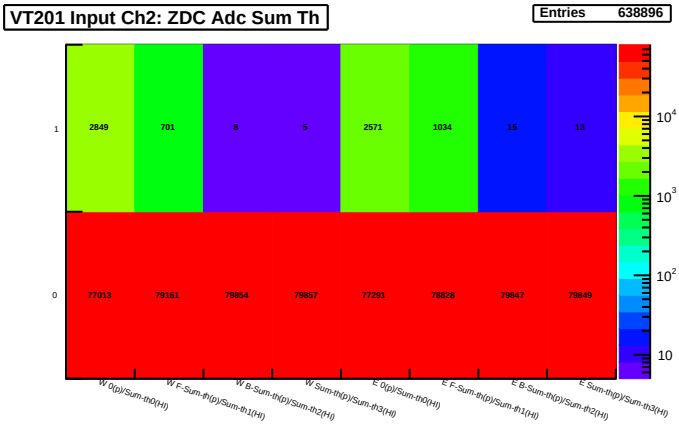

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

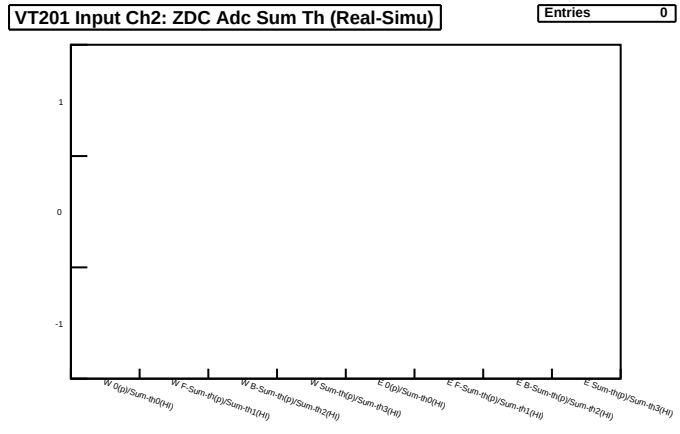

VT201 Input Ch1: EPD Hit Count Th
Entries 159724
78703
78481
1159
1381
East
West

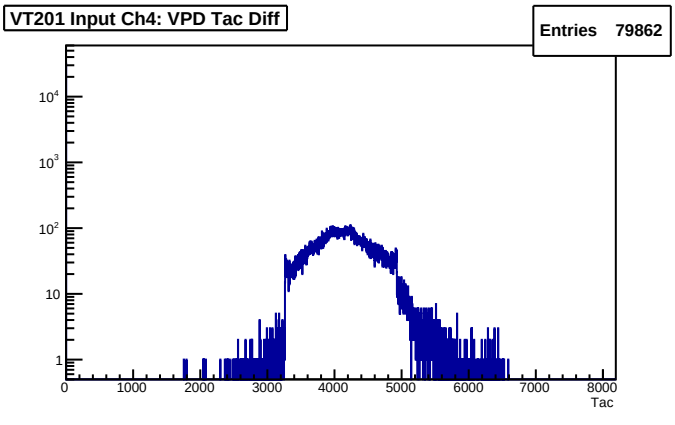

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

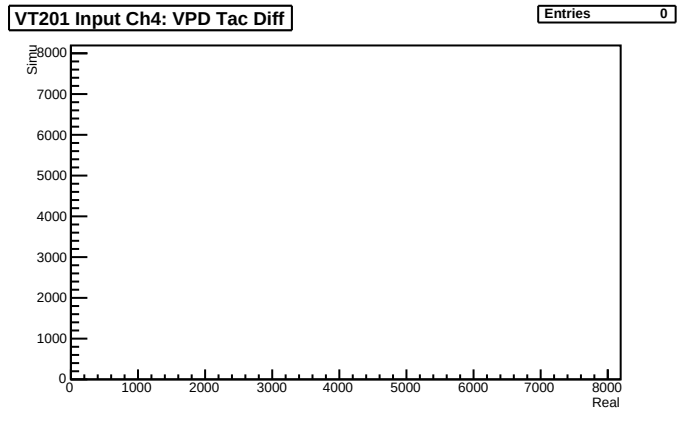

VT201 Input Ch2: ZDC Tac Diff
Entries 79862
Tac

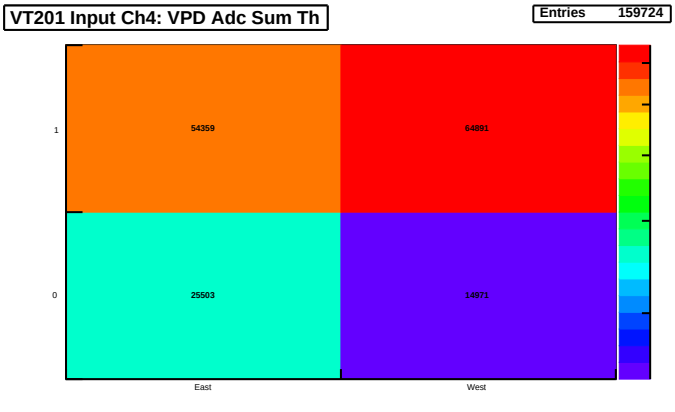

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

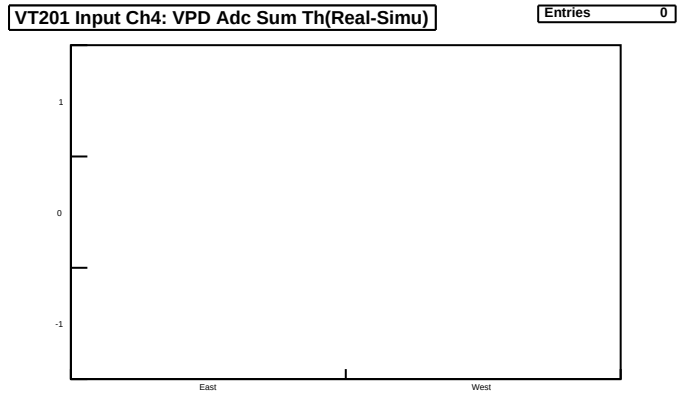

VT201 Input Ch2: ZDC Adc Sum Th
Entries 638896
2849
701
8
5
2571
1034
15
13
77013
79161
79854
79857
77291
78828
79847
79849
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

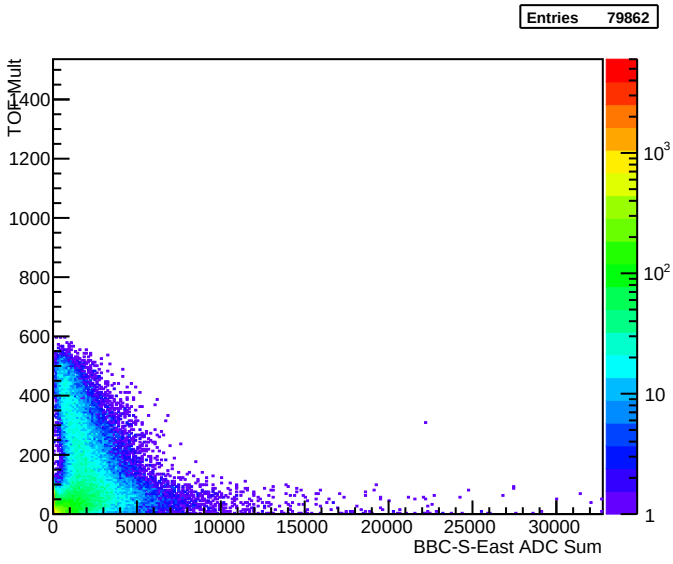

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

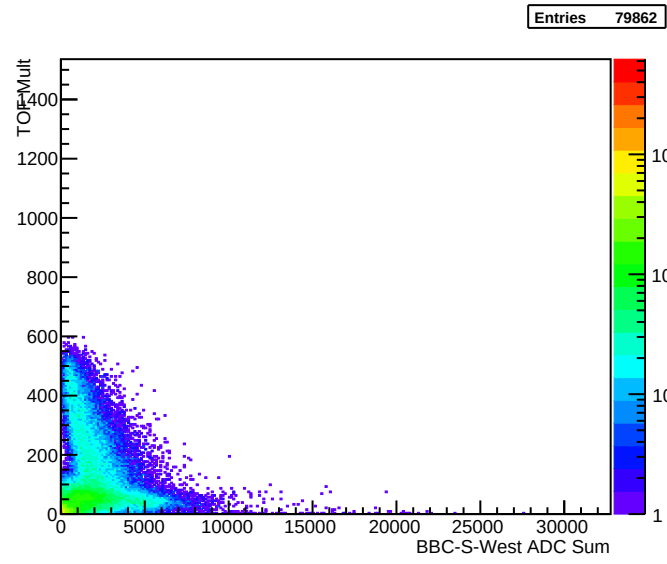

VT201 Input Ch4: VPD Tac Diff
Entries 79862
Tac

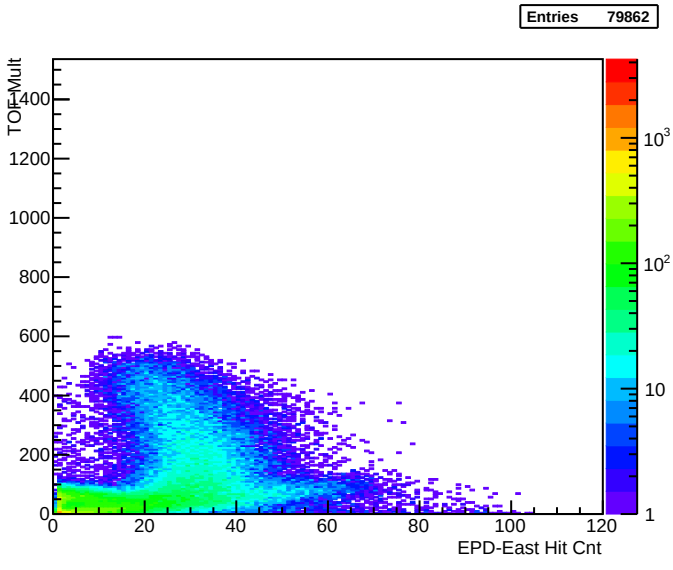

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

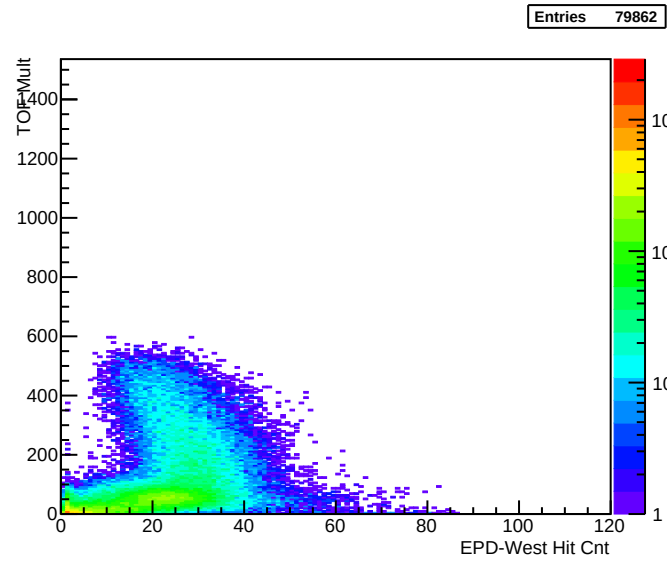

VT201 Input Ch4: VPD Adc Sum Th
Entries 159724
54359
64891
25503
14971
East
West

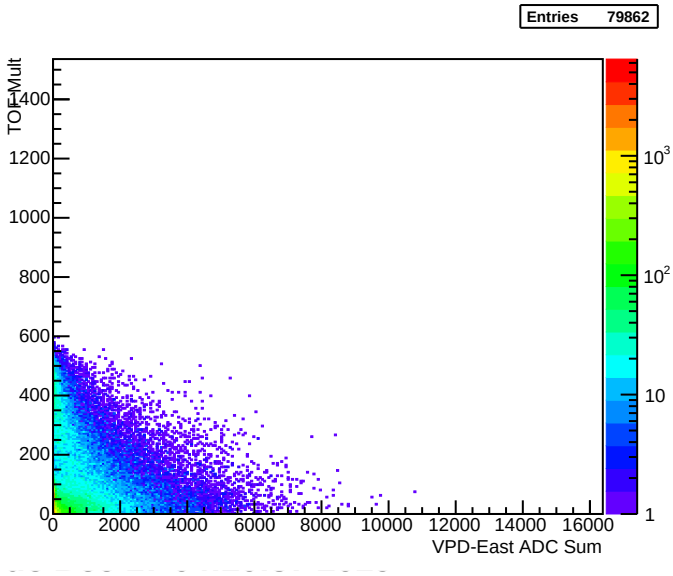

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

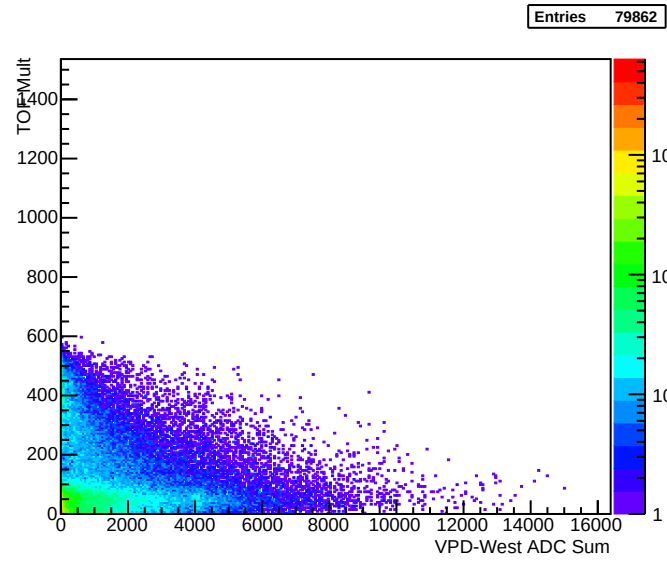

Entries 79862
TOF-Mult
BBC-S-East ADC Sum

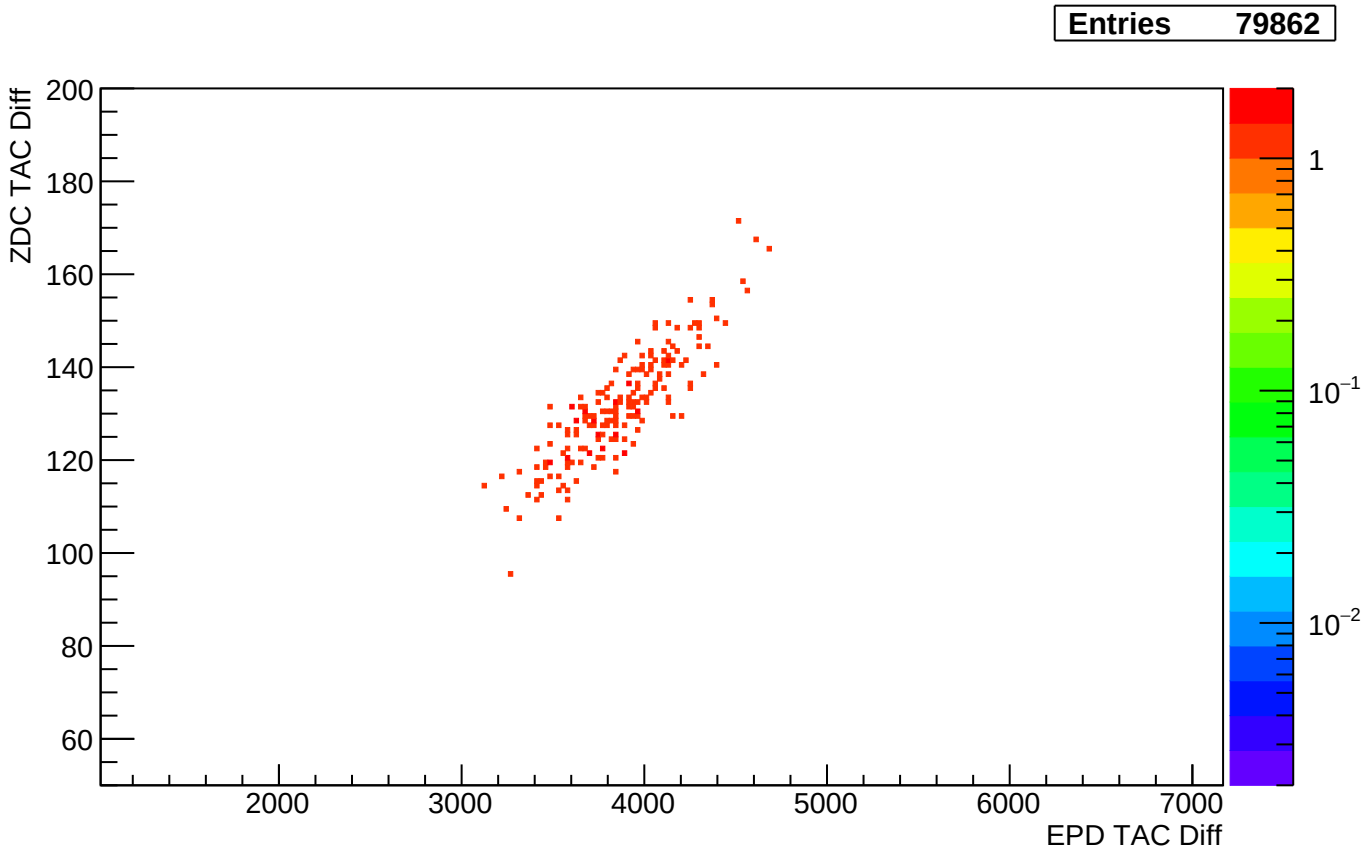

Entries 79862
TOF-Mult
BBC-S-West ADC Sum

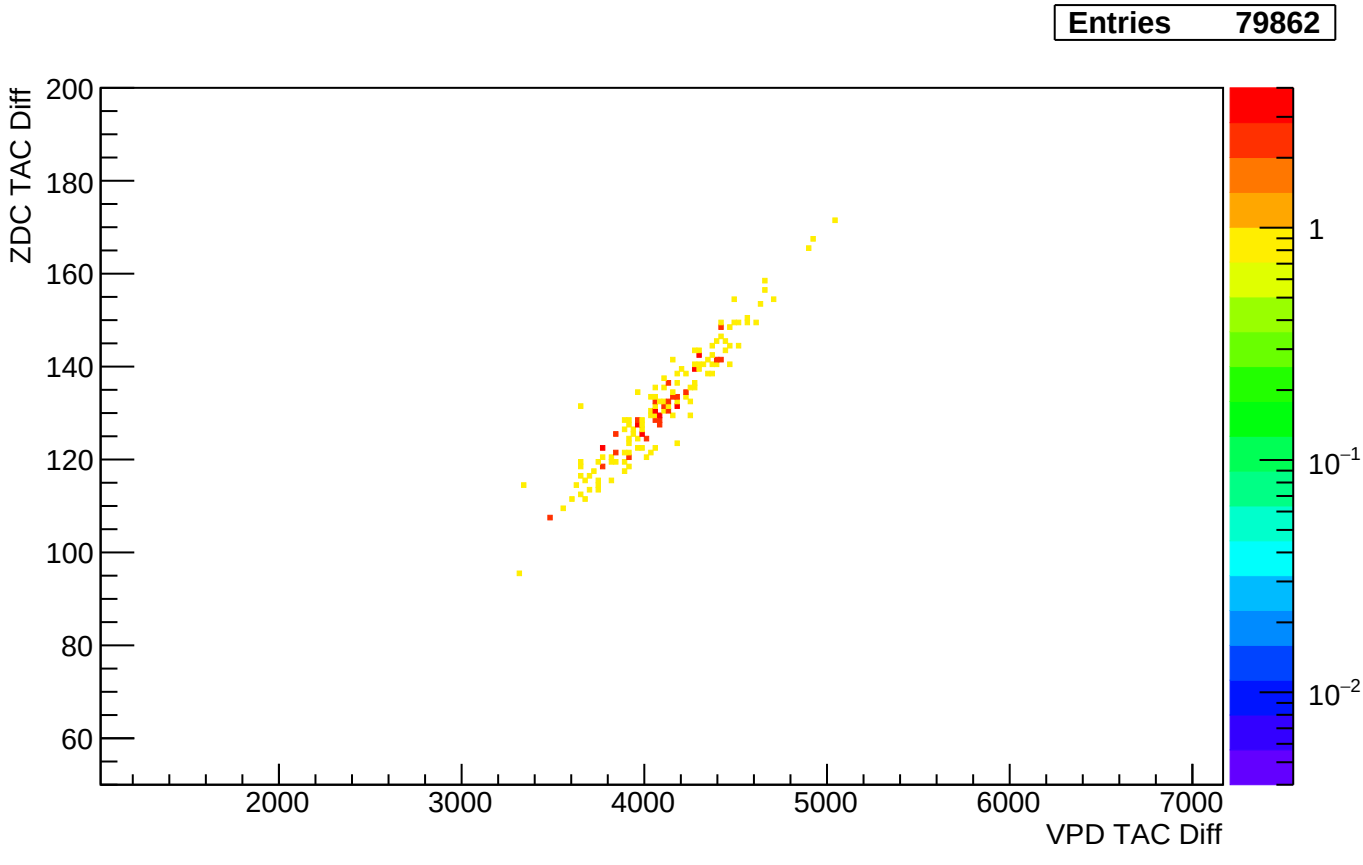

Entries 79862
TOF-Mult
EPD-East Hit Cnt

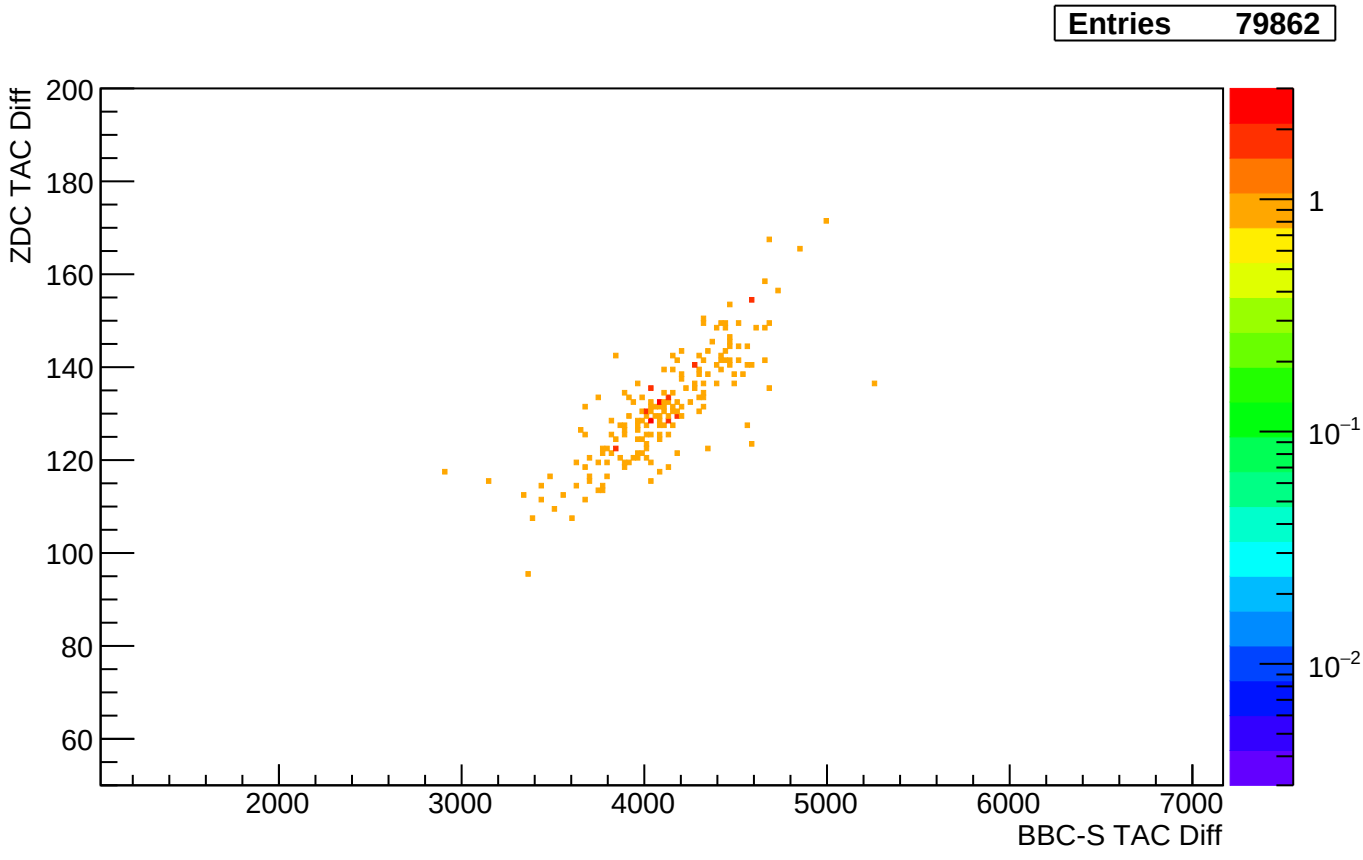

Entries 79862
TOF-Mult
EPD-West Hit Cnt

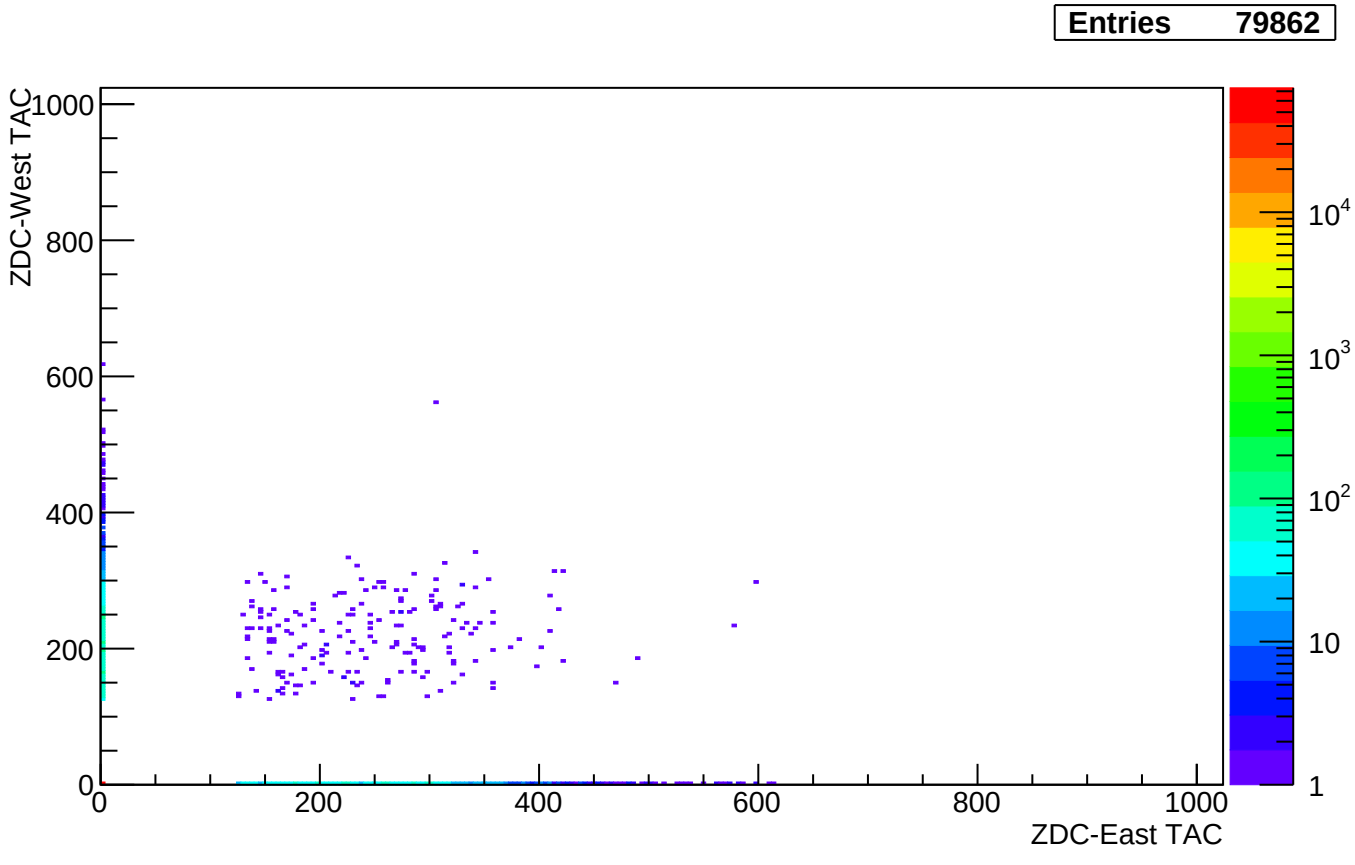

Entries 79862
TOF-Mult
VPD-East ADC Sum

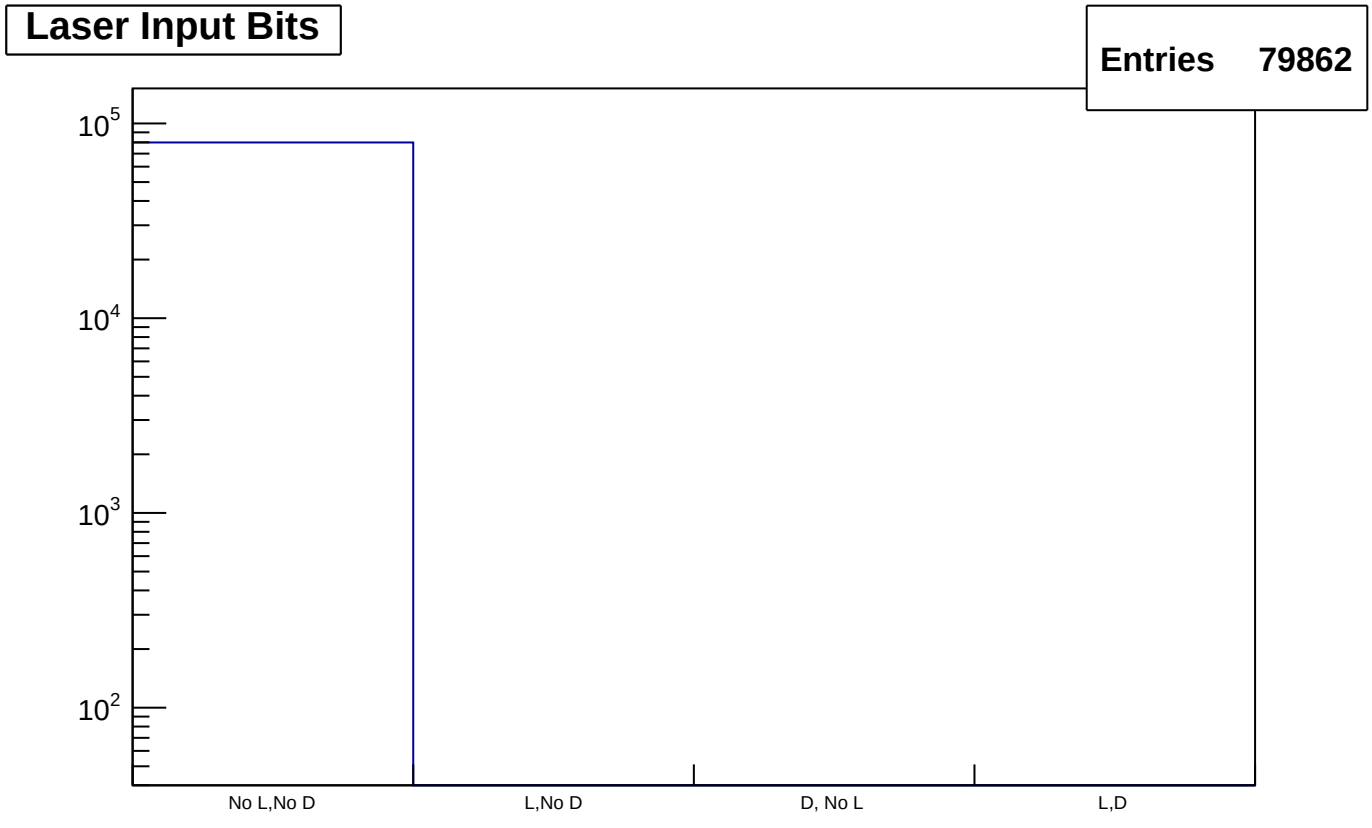

Entries 79862
TOF-Mult
VPD-West ADC Sum

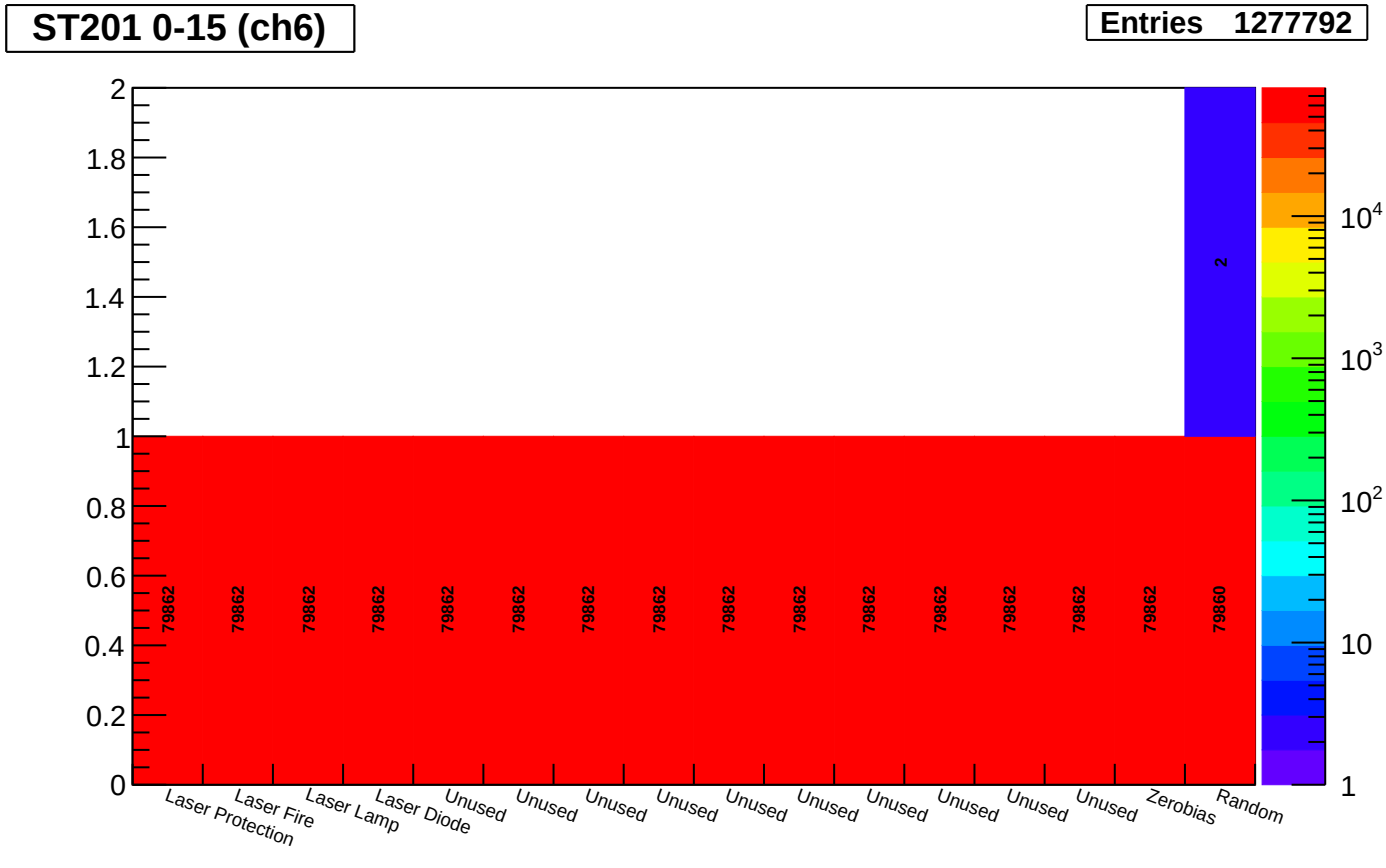

Entries 79862
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

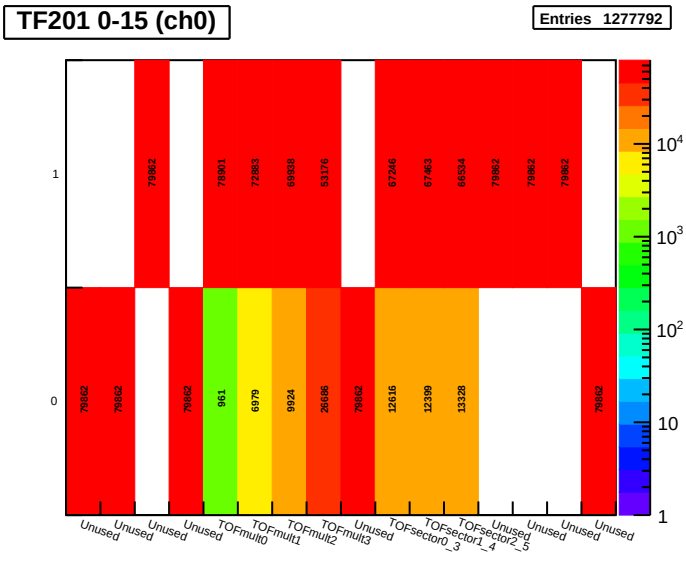

Entries 79862
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

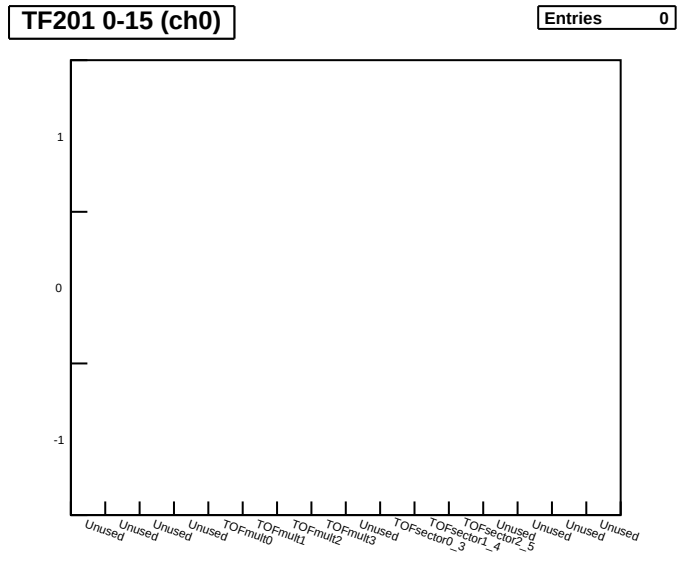

Entries 79862
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

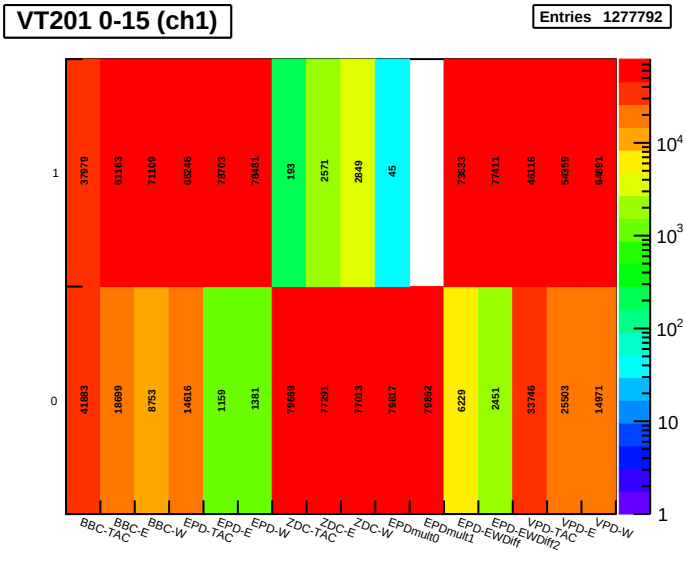

Entries 79862
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

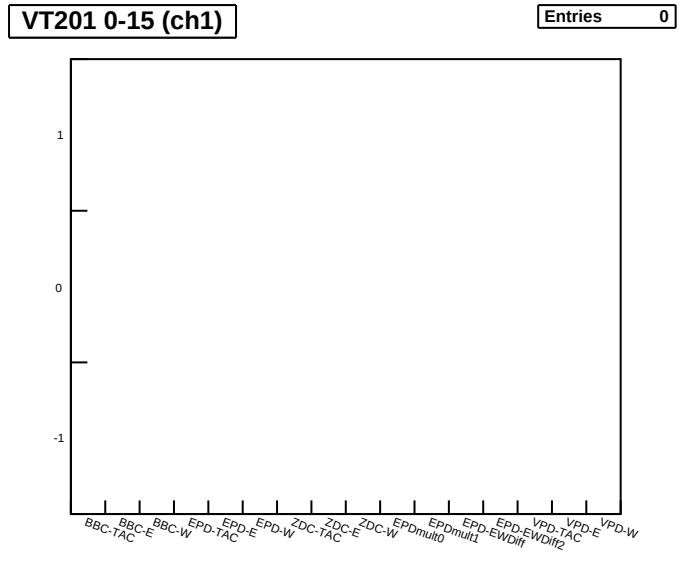

Laser Input Bits
Entries 79862
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

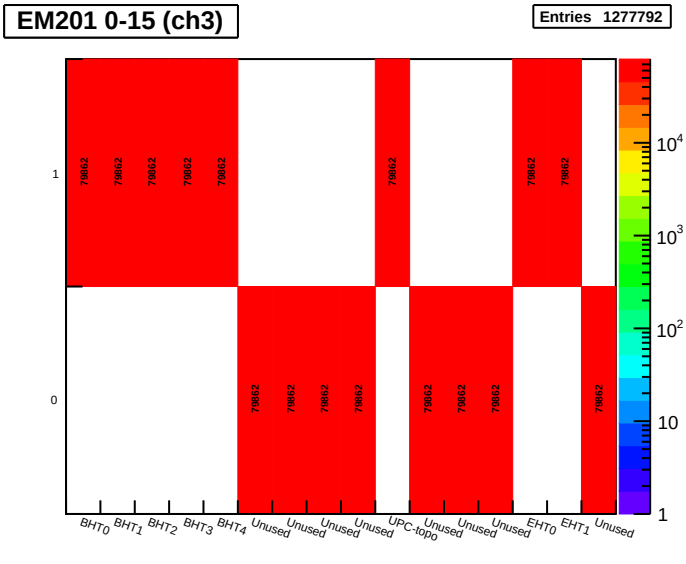

ST201 0-15 (ch6)
Entries 1277792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
79862
79860
2
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

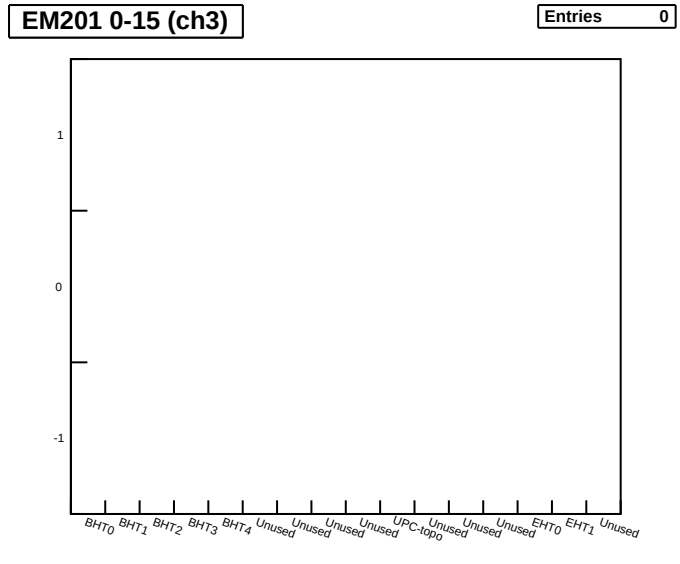

TF201 0-15 (ch0)
Entries 1277792
1
0
79862 79862 79862 79862 72883 69938 53176 67246 67453 66534 79862 79862 79862
79862 79862 79862 961 6979 9924 26686 79862 12616 12399 13328 79862
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1277792
1
0
37979 61163 71109 65246 78703 79481 193 2571 2849 45 72633 77411 46116 54359 64891
41883 18699 8753 14616 1159 1381 79669 77291 77013 79817 79862 6229 2451 33746 25503 14971
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
10^4
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 1277792
1
0
79862 79862 79862 79862 79862 79862 79862 79862 79862
79862 79862 79862 79862 79862 79862 79862 79862
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^4
10^3
10^2
10
1


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