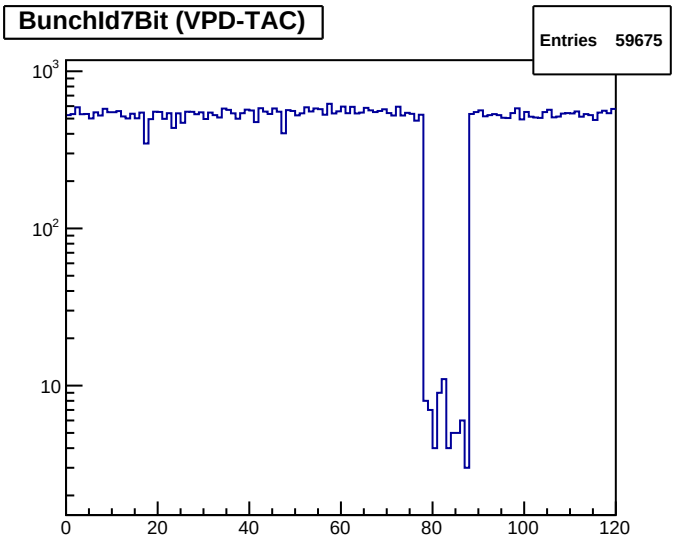
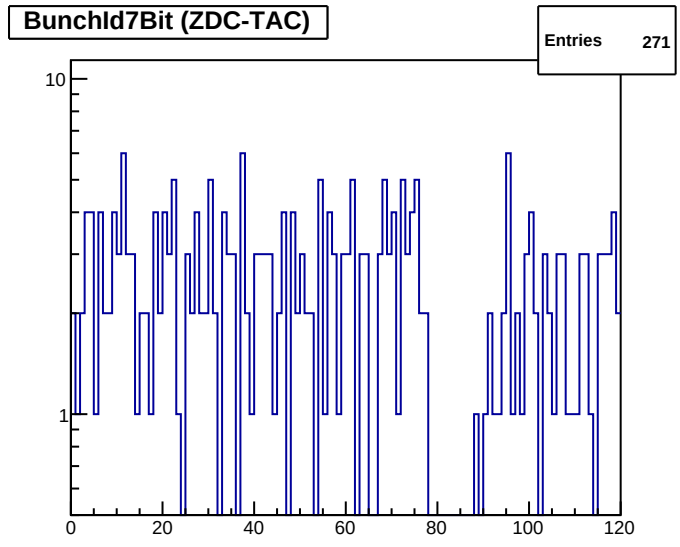
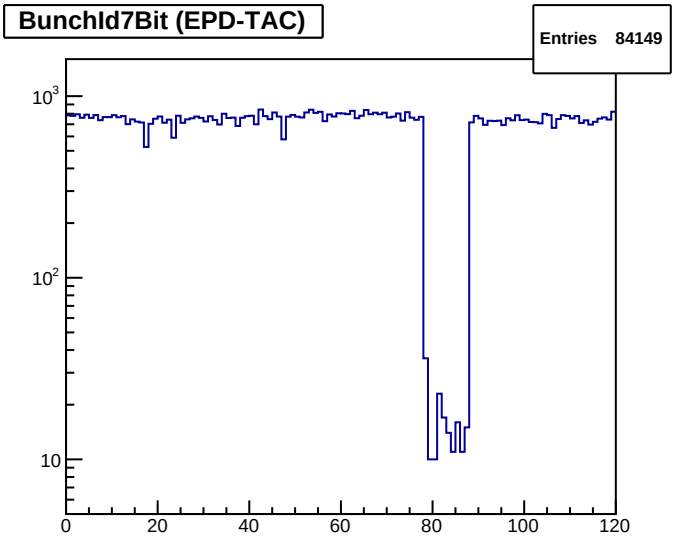
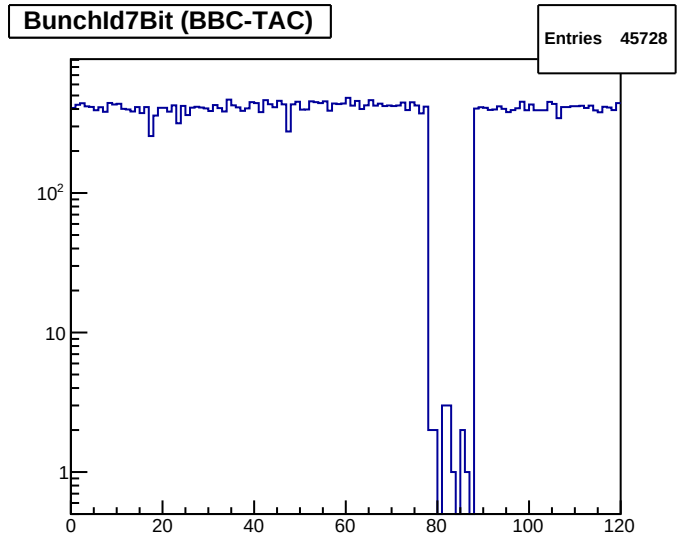
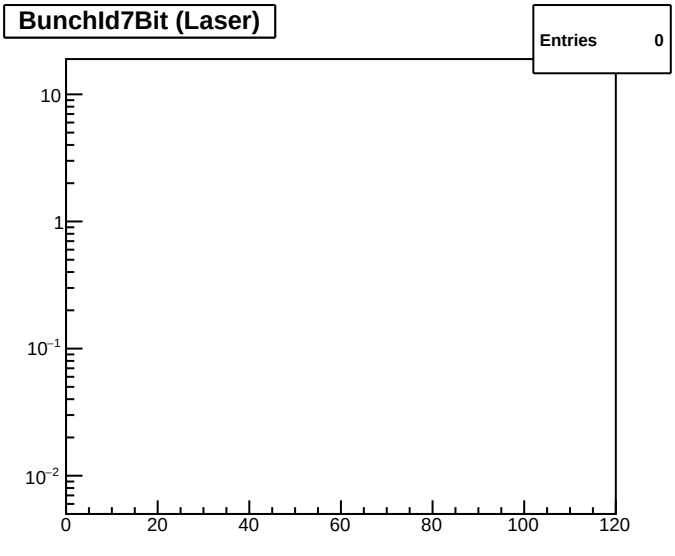
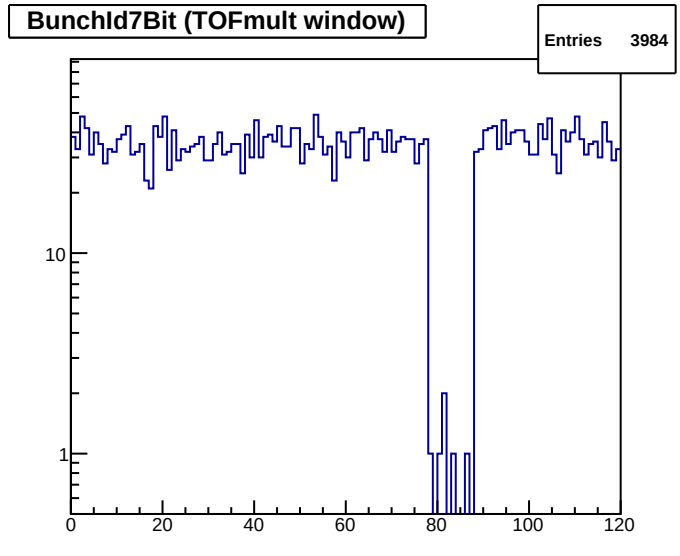

BunchId7Bit (VPD-TAC)
Entries 59675

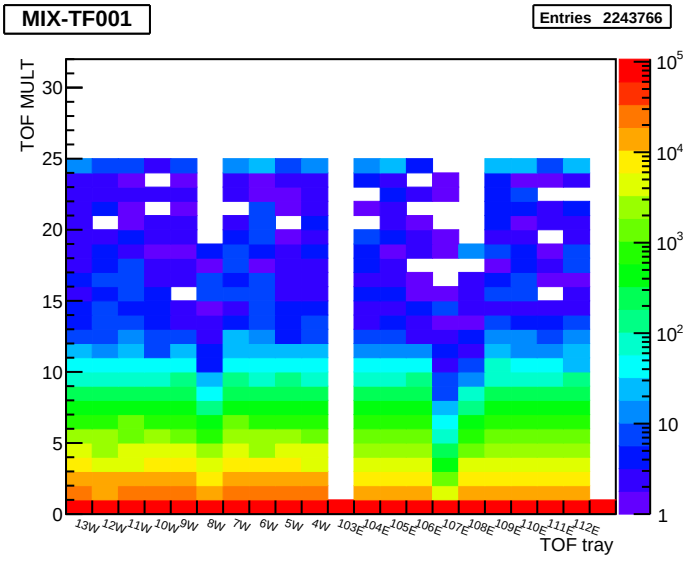

BunchId7Bit (ZDC-TAC)
Entries 271

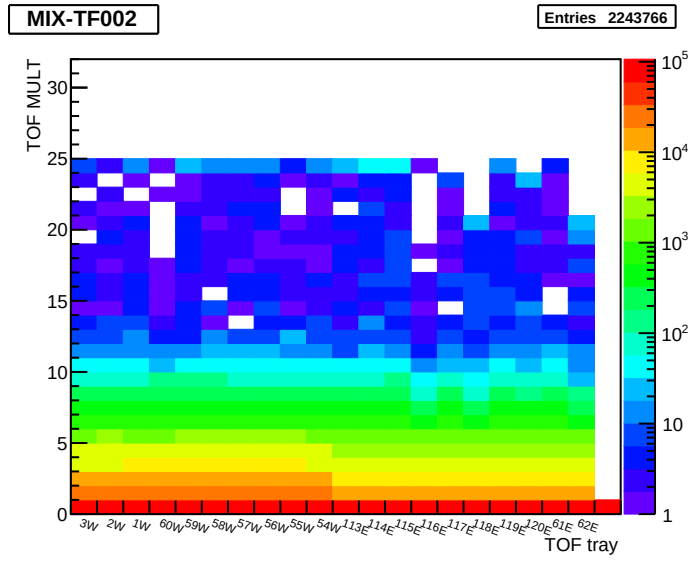

BunchId7Bit (EPD-TAC)
Entries 84149

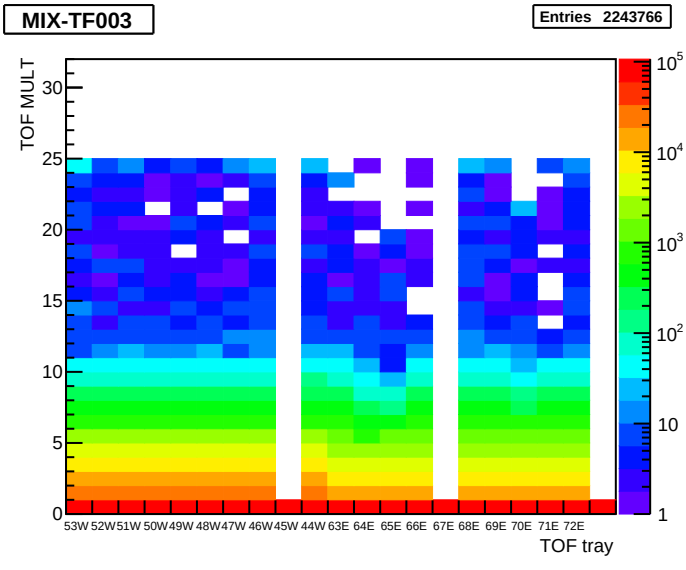

BunchId7Bit (BBC-TAC)
Entries 45728

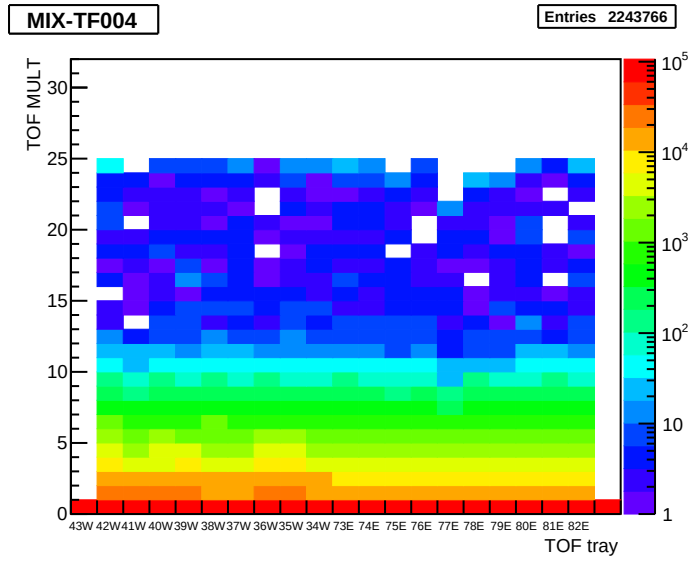

BunchId7Bit (Laser)
Entries 0

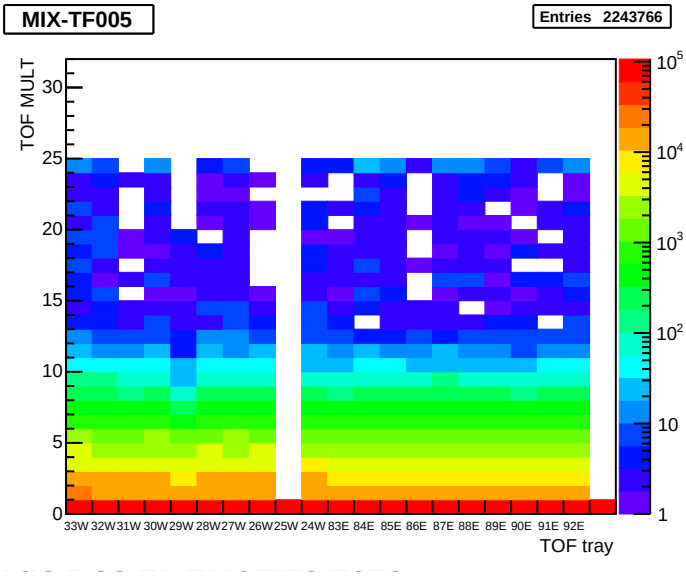

BunchId7Bit (TOFmult window)
Entries 3984

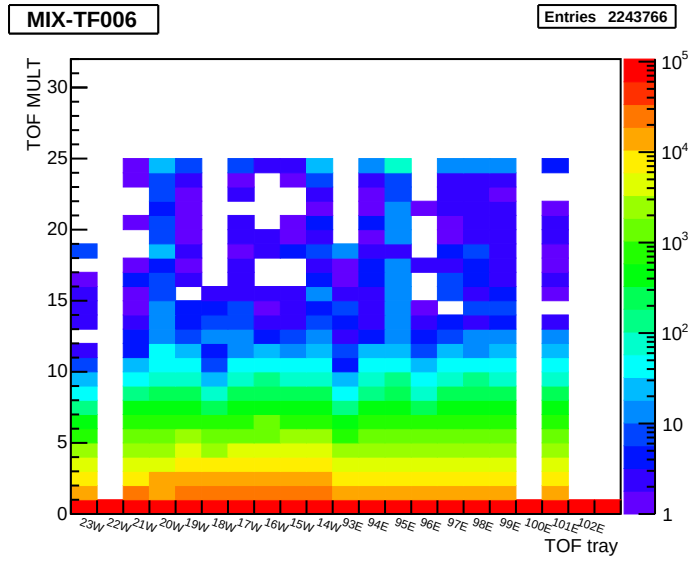

MIX-TF001
Entries 2243766
TOF MULT
TOF tray

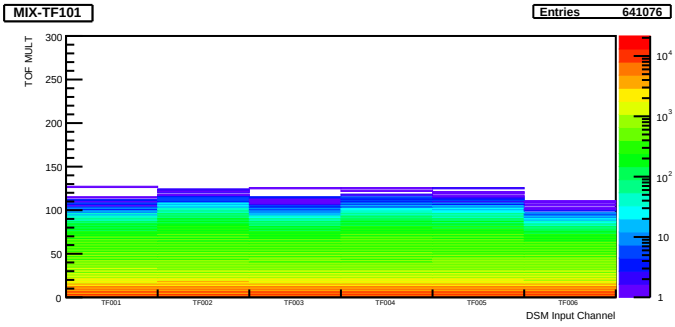

MIX-TF002
Entries 2243766
TOF MULT
TOF tray

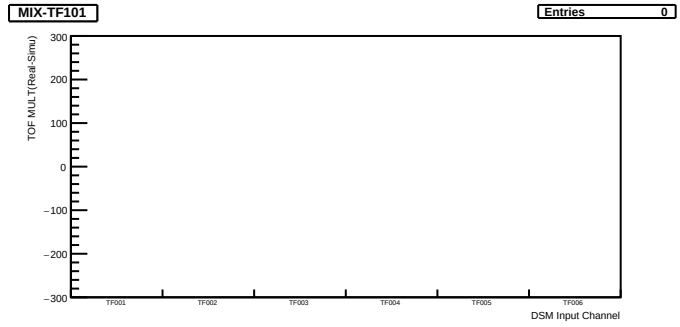

MIX-TF003
Entries 2243766
TOF MULT
TOF tray

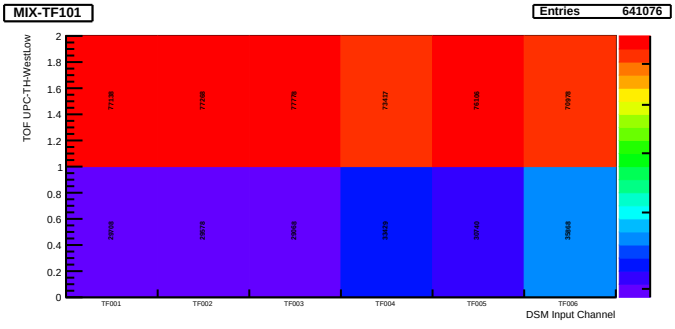

MIX-TF004
Entries 2243766
TOF MULT
TOF tray

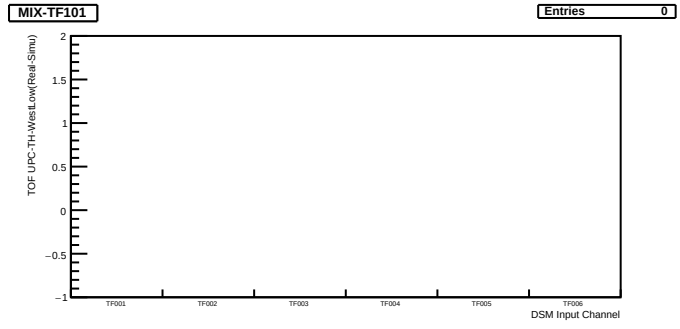

MIX-TF005
Entries 2243766
TOF MULT
TOF tray

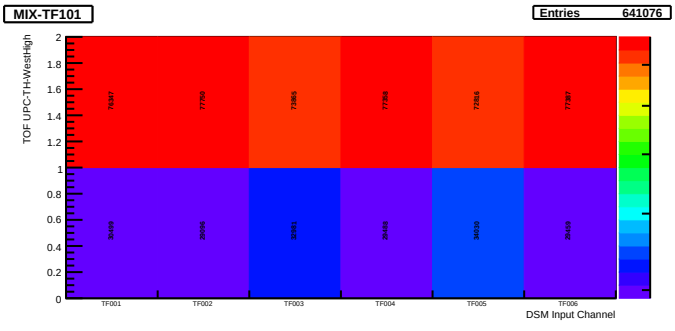

MIX-TF006
Entries 2243766
TOF MULT
TOF tray

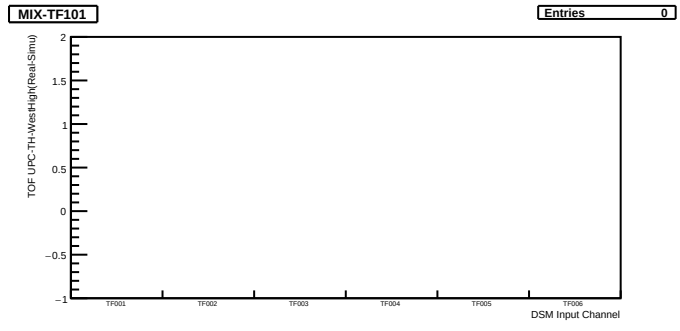

MIX-TF101
Entries 641076
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

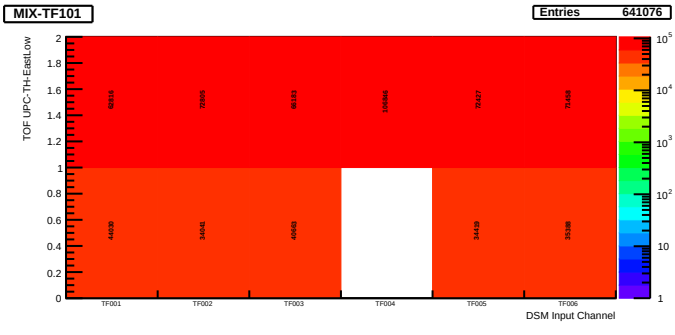

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

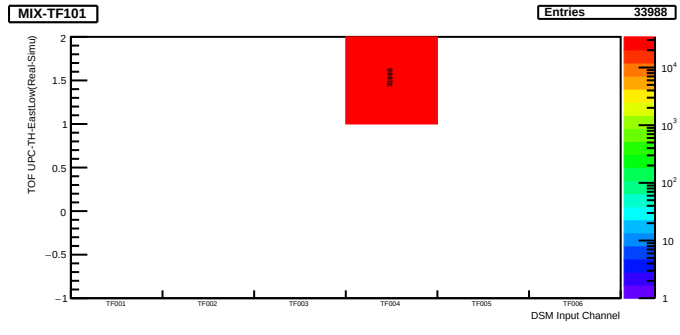

MIX-TF101
Entries 641076
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

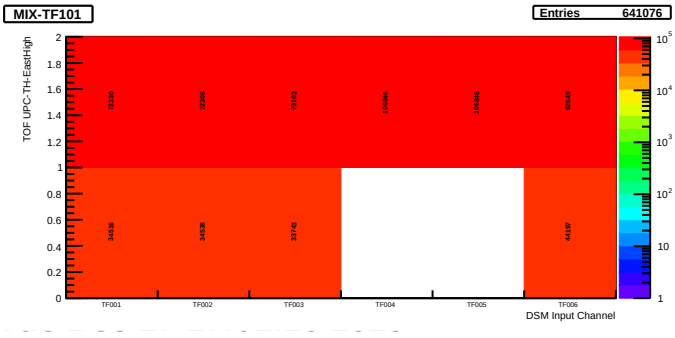

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

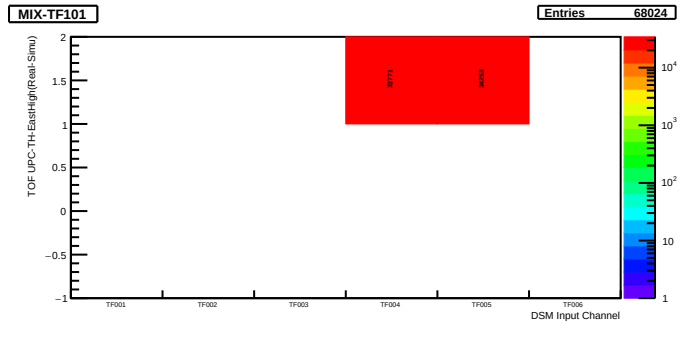

MIX-TF101
Entries 641076
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

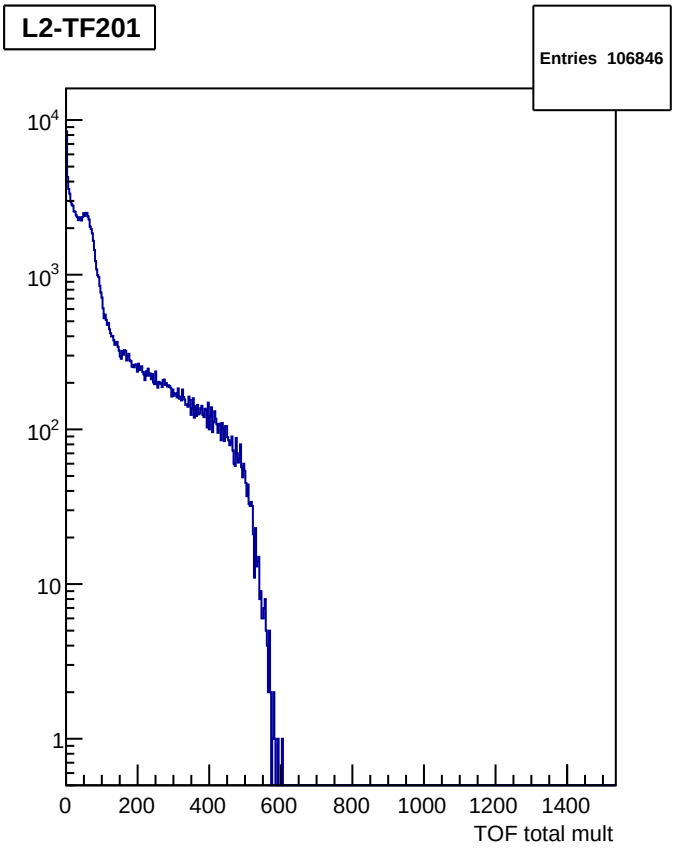

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

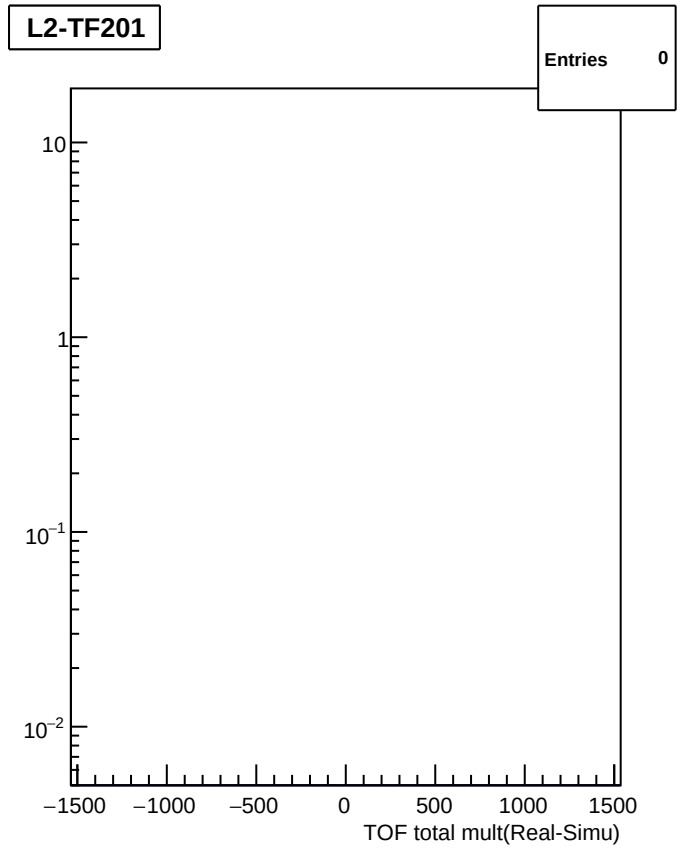

MIX-TF101
Entries 641076
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

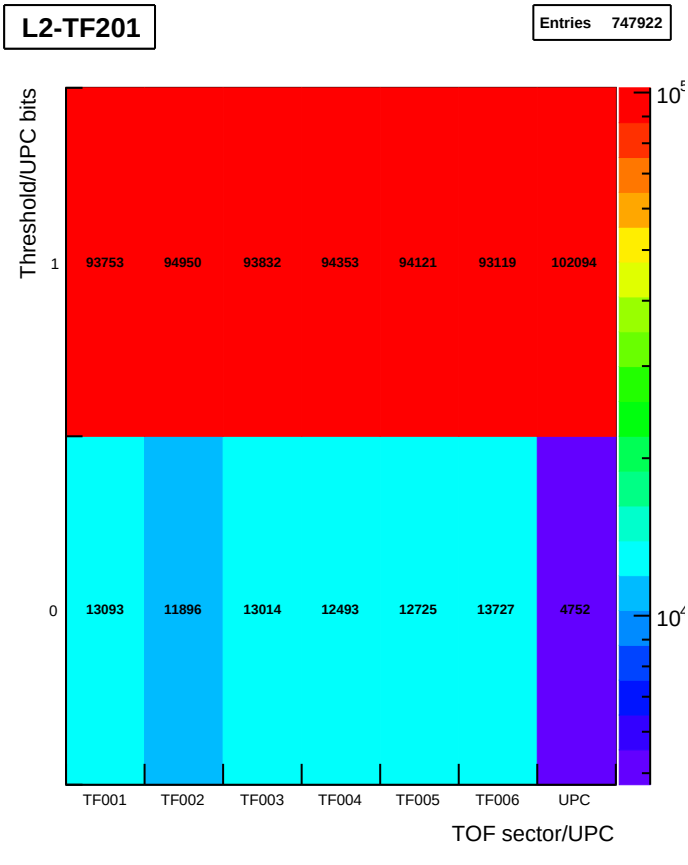

MIX-TF101
Entries 33988
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

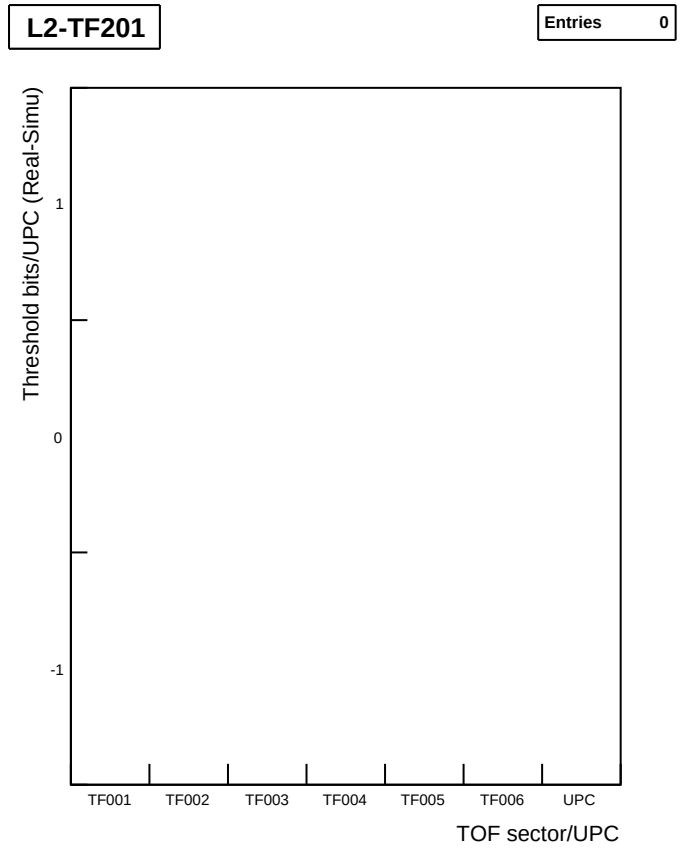

MIX-TF101
Entries 641076
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

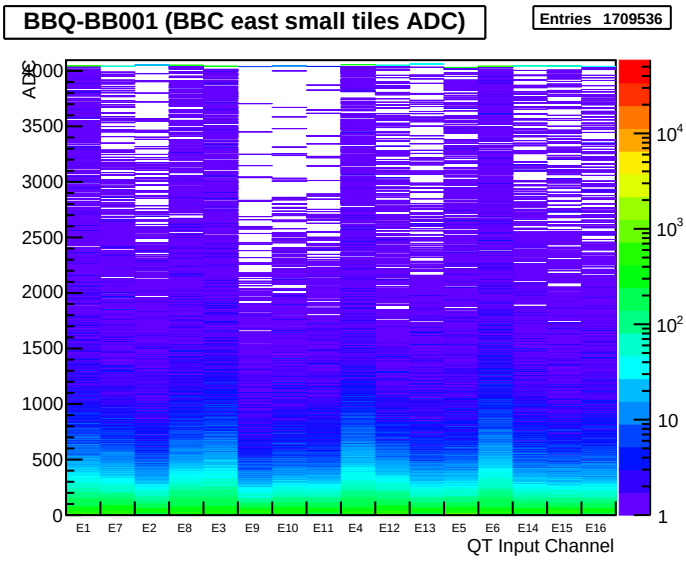

MIX-TF101
Entries 68024
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

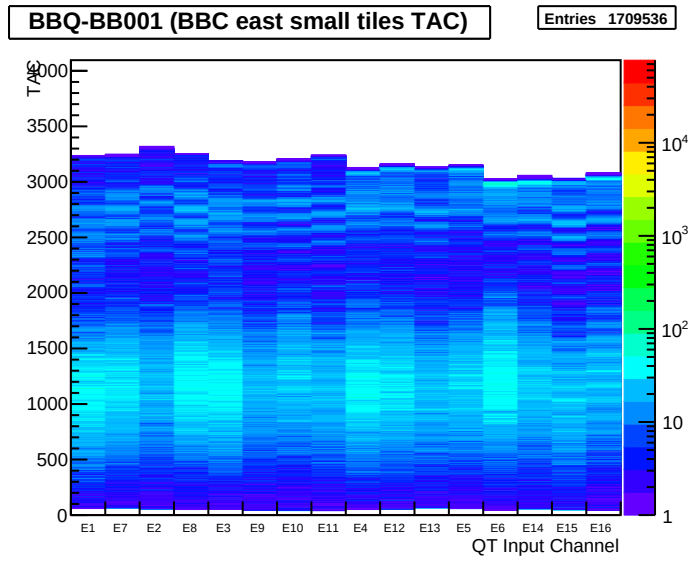

L2-TF201
Entries 106846
TOF total mult

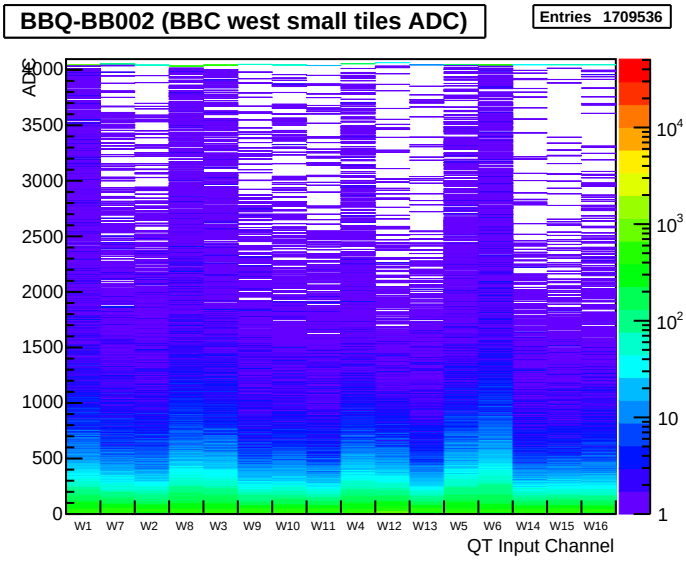

L2-TF201
Entries 0
TOF total mult(Real-Simu)

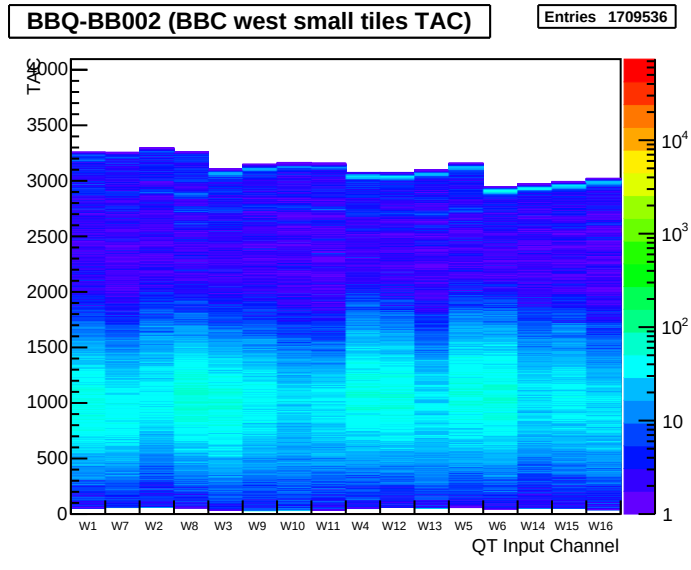

L2-TF201
Entries 747922
Threshold/UPC bits
93753
94950
93832
94353
94121
93119
102094
13093
11896
13014
12493
12725
13727
4752
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

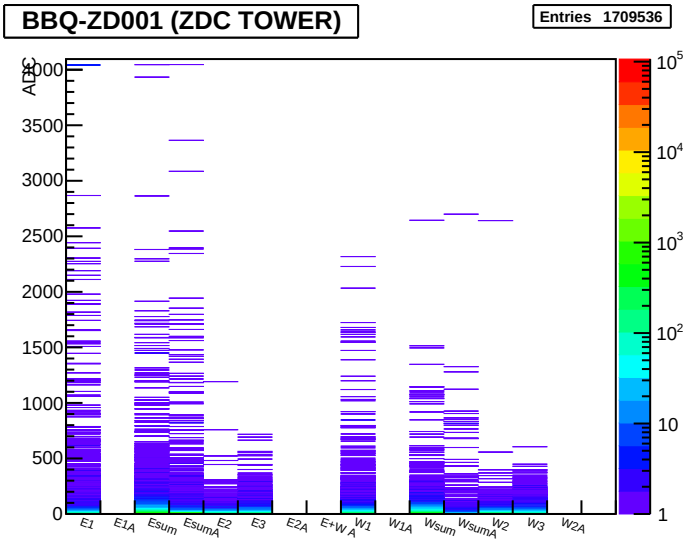

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

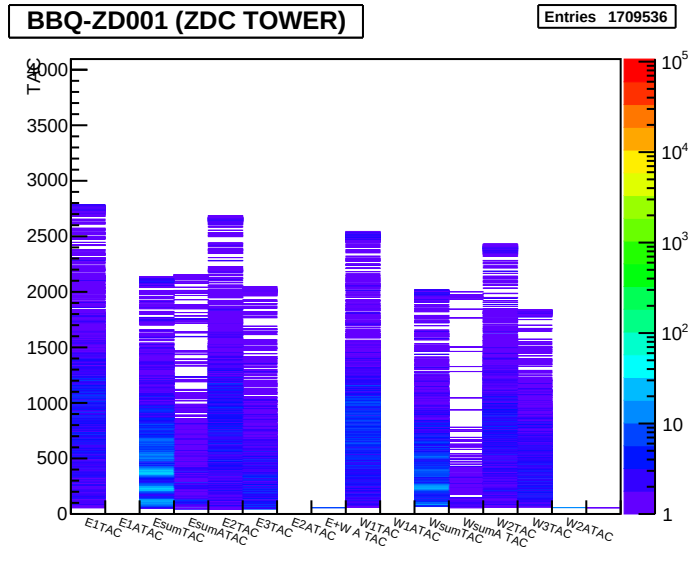

BBQ-BB001 (BBC east small tiles ADC)
Entries 1709536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

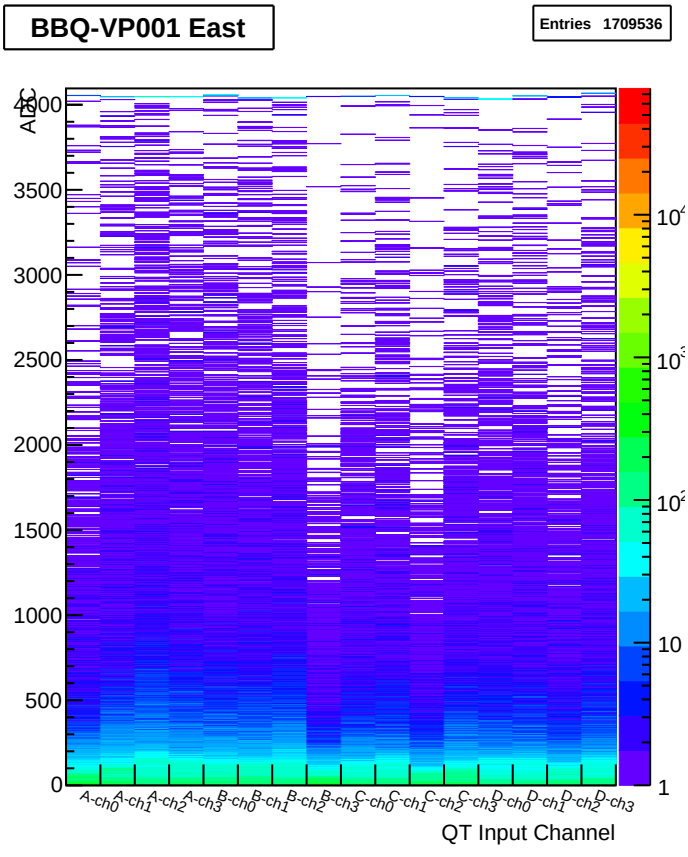

BBQ-BB001 (BBC east small tiles TAC)
Entries 1709536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

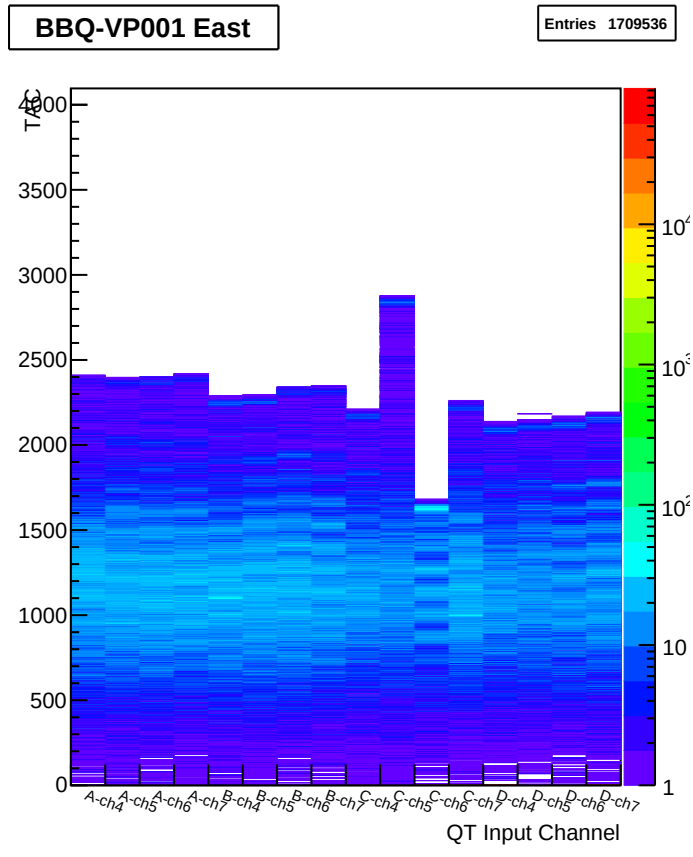

BBQ-BB002 (BBC west small tiles ADC)
Entries 1709536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

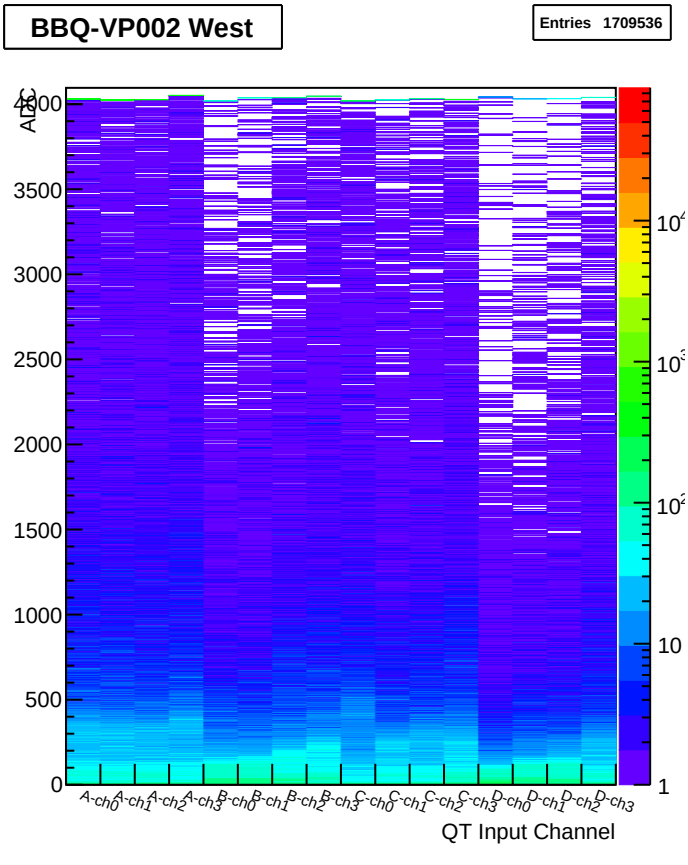

BBQ-BB002 (BBC west small tiles TAC)
Entries 1709536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

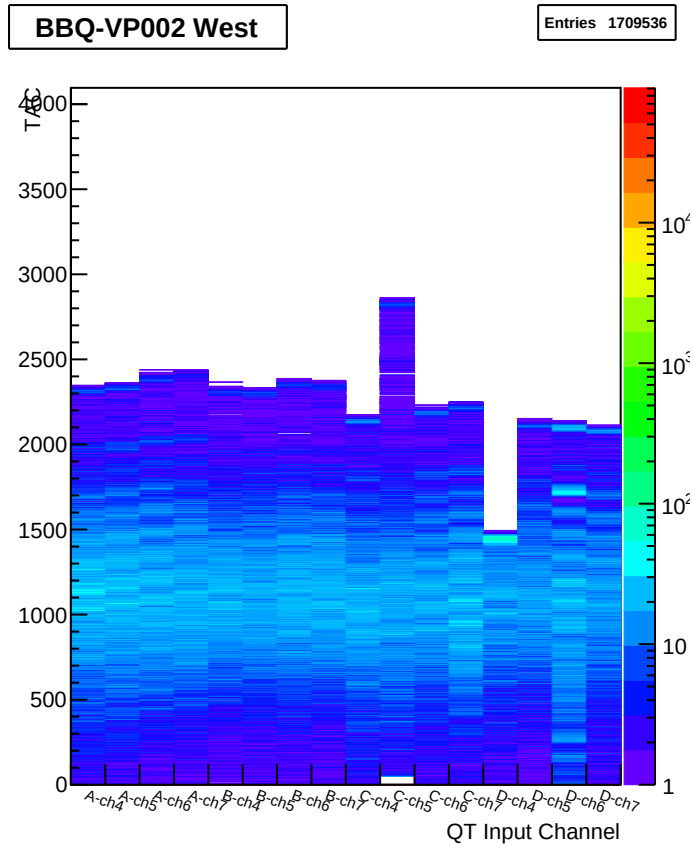

BBQ-ZD001 (ZDC TOWER)
Entries 1709536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

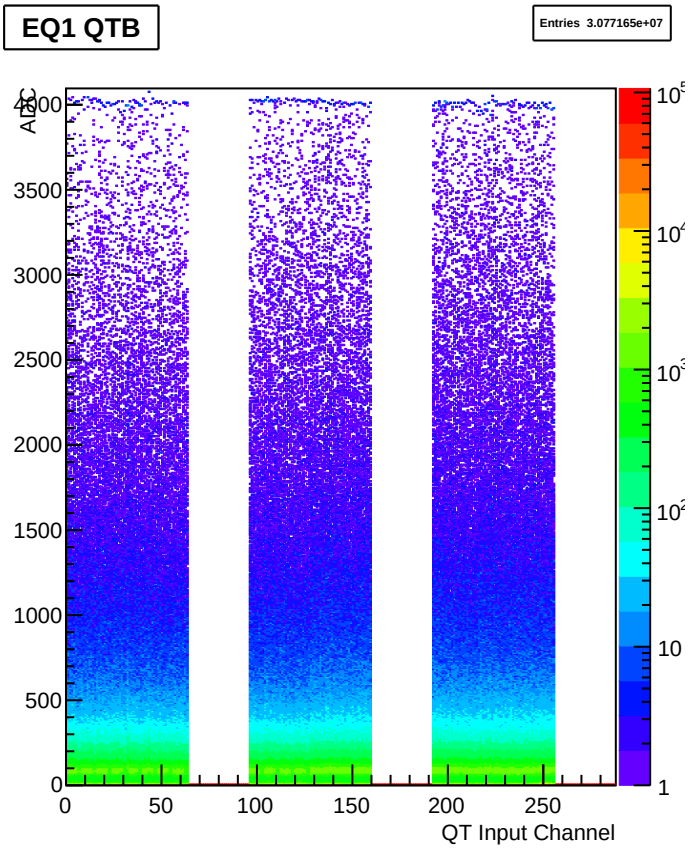

BBQ-ZD001 (ZDC TOWER)
Entries 1709536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

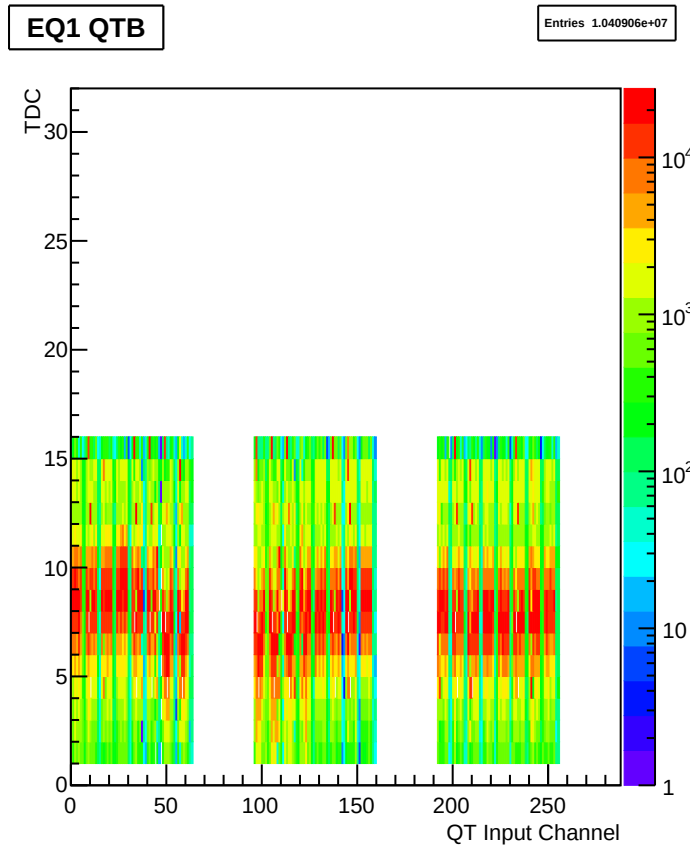

BBQ-VP001 East
Entries 1709536
ADC
QT Input Channel

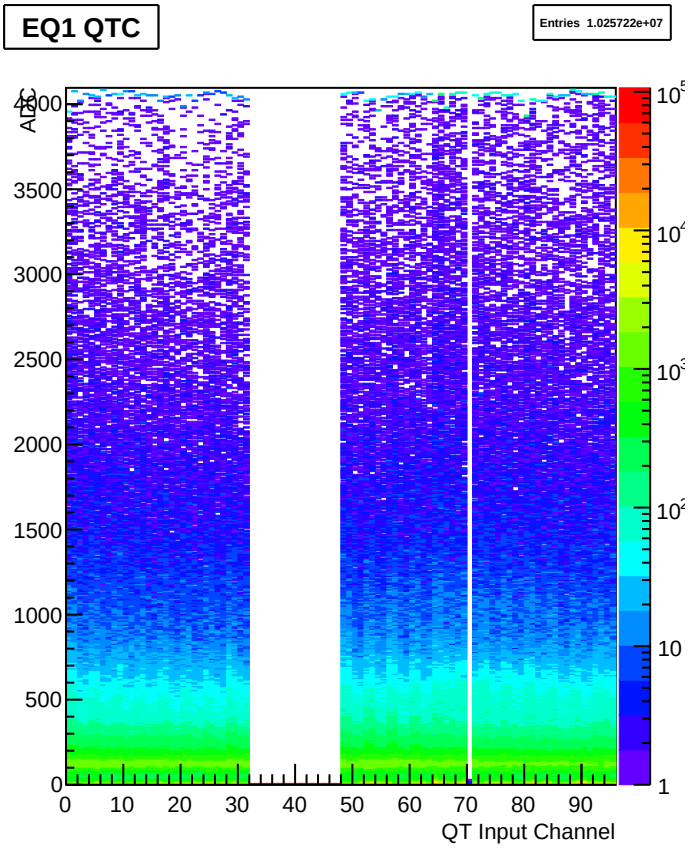

BBQ-VP001 East
Entries 1709536
TADC
QT Input Channel

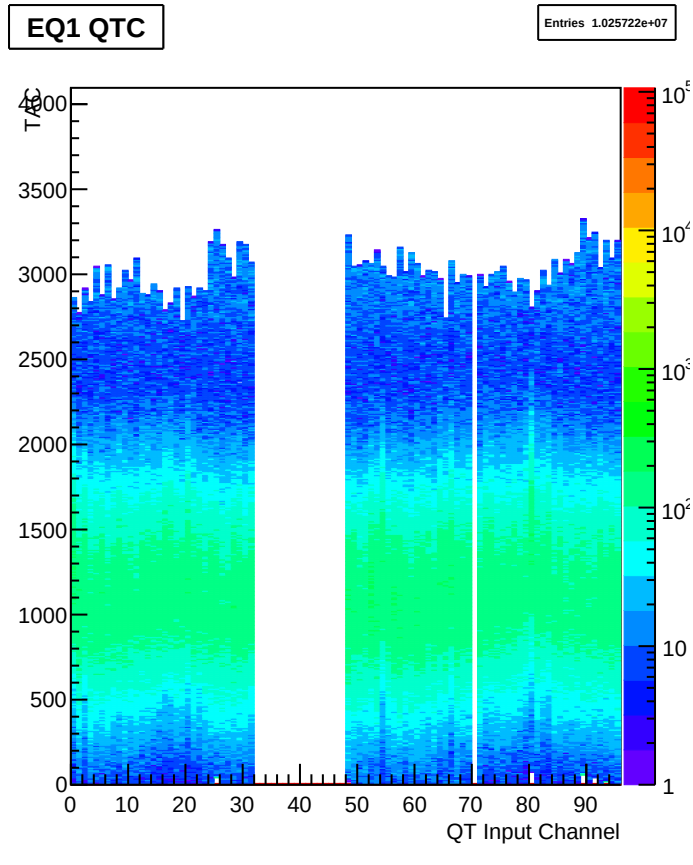

BBQ-VP002 West
Entries 1709536
ADC
QT Input Channel

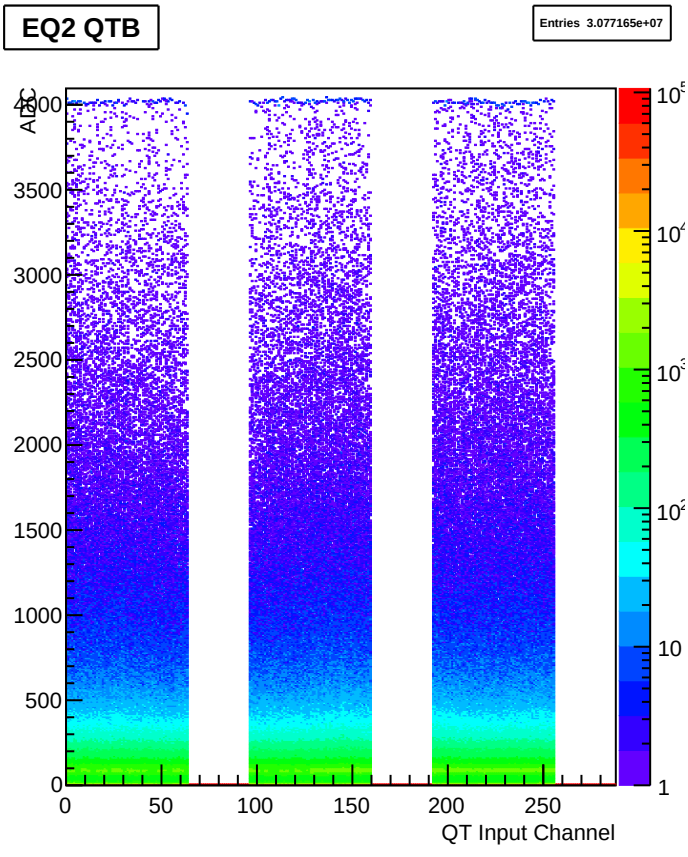

BBQ-VP002 West
Entries 1709536
TADC
QT Input Channel

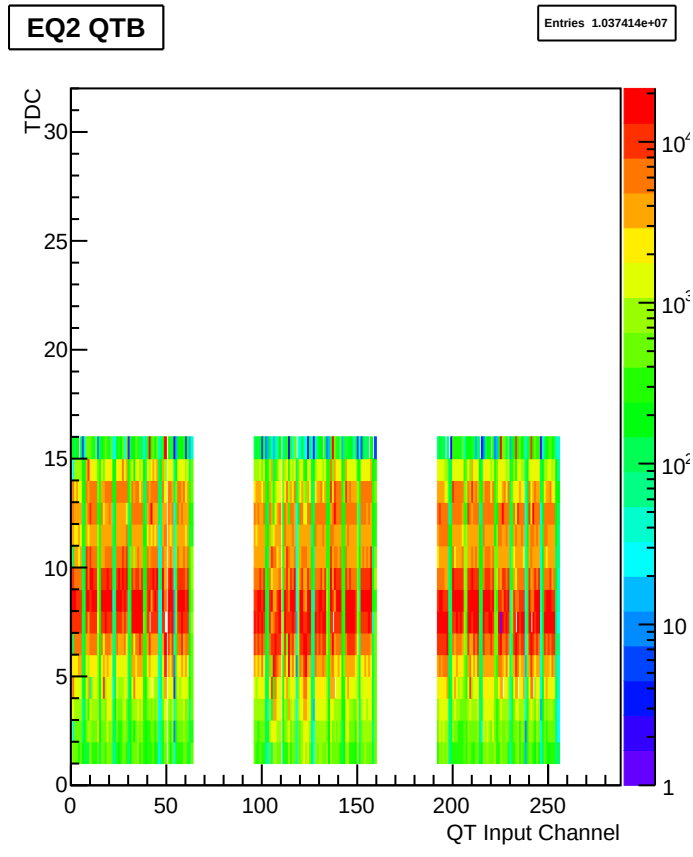

EQ1 QTB
Entries 3.077165e+07
ADC
QT Input Channel

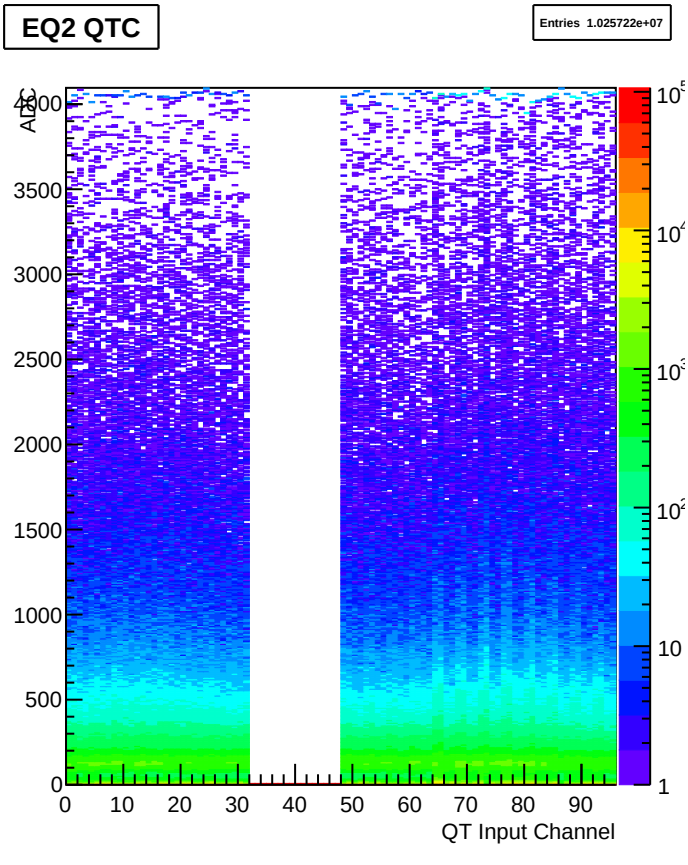

EQ1 QTB
Entries 1.040906e+07
TDC
QT Input Channel

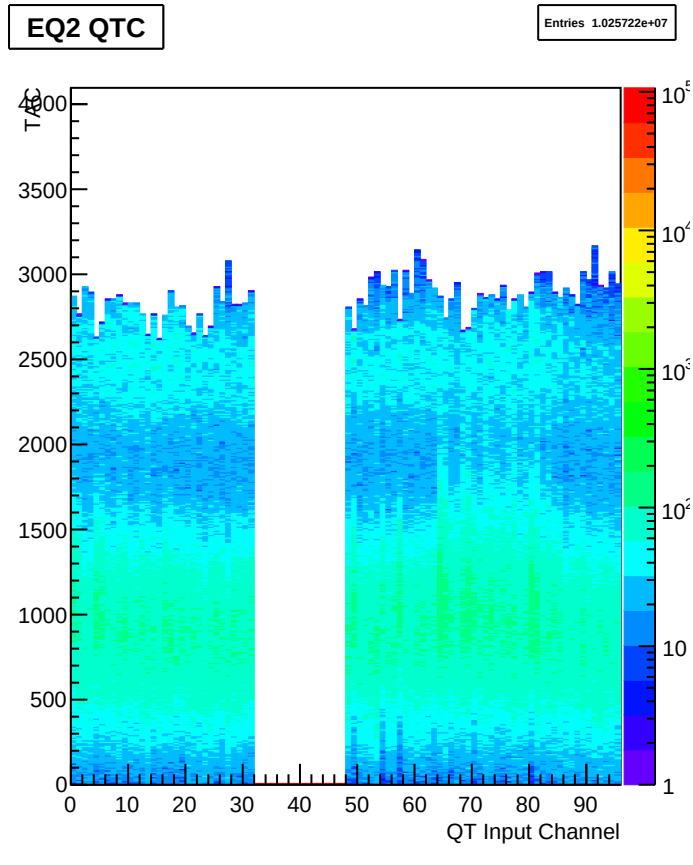

EQ1 QTC
Entries 1.025722e+07
ADC
QT Input Channel

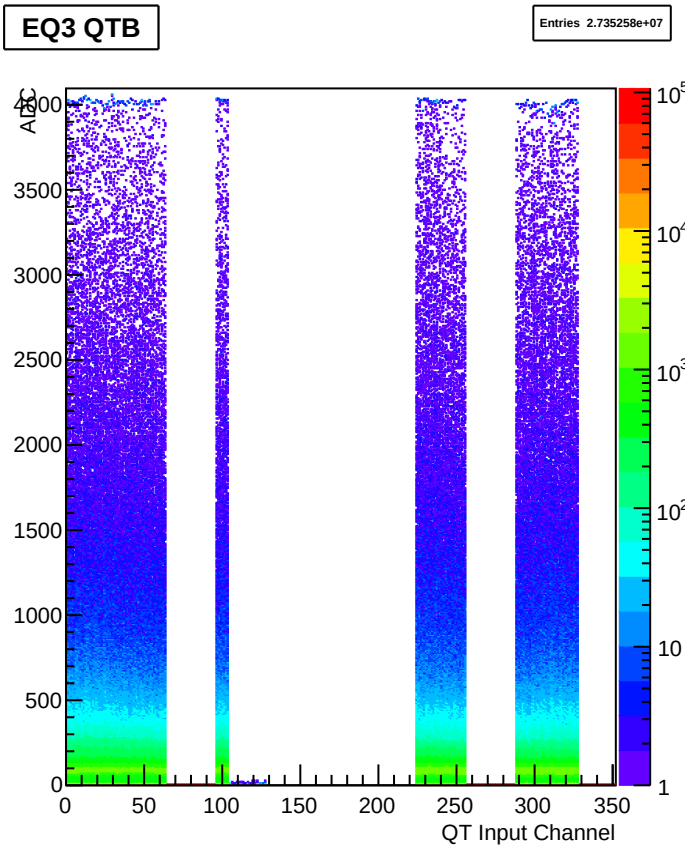

EQ1 QTC
Entries 1.025722e+07
TADC
QT Input Channel

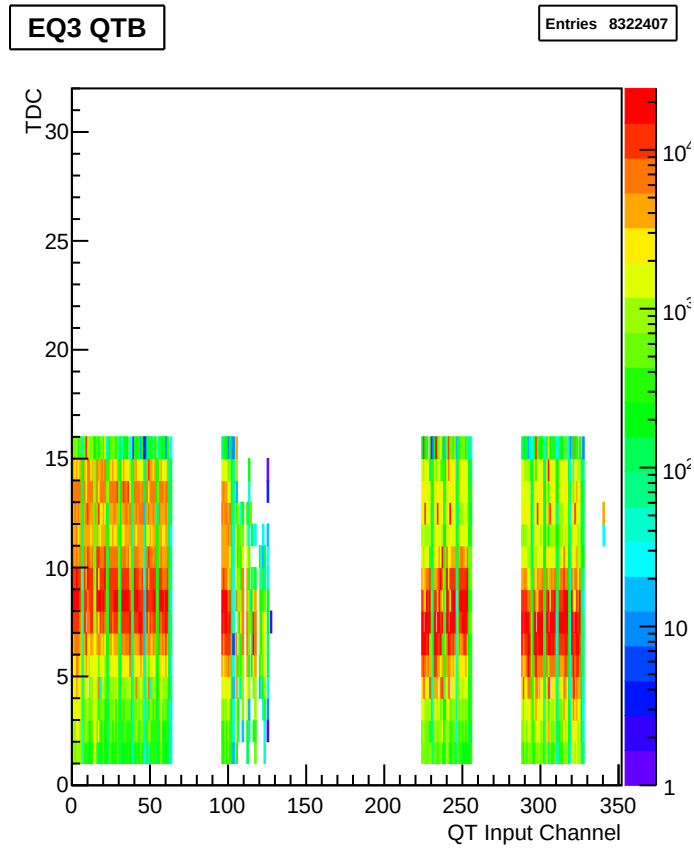

EQ2 QTB
Entries 3.077165e+07
ADC
QT Input Channel

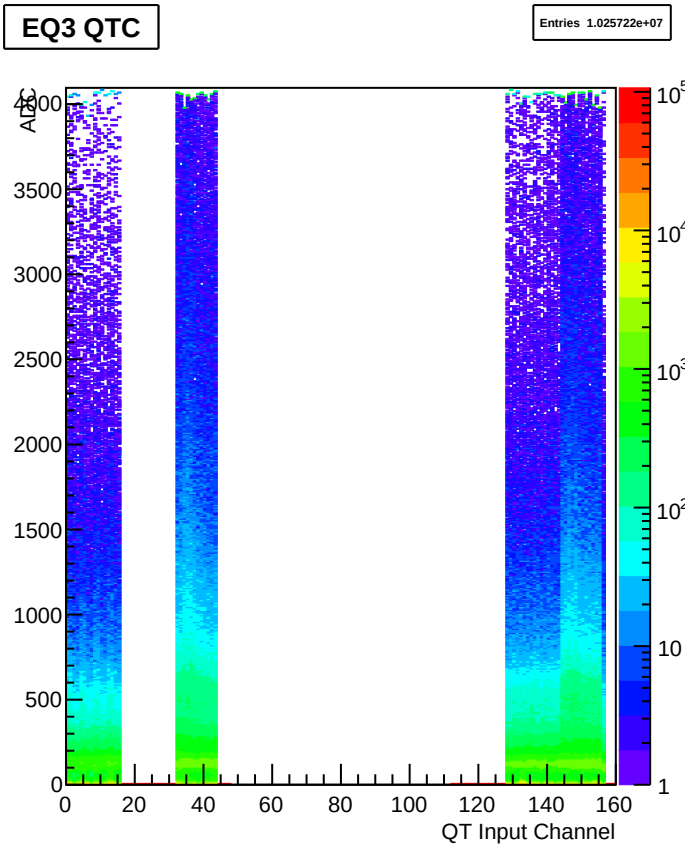

EQ2 QTB
Entries 1.037414e+07
TDC
QT Input Channel

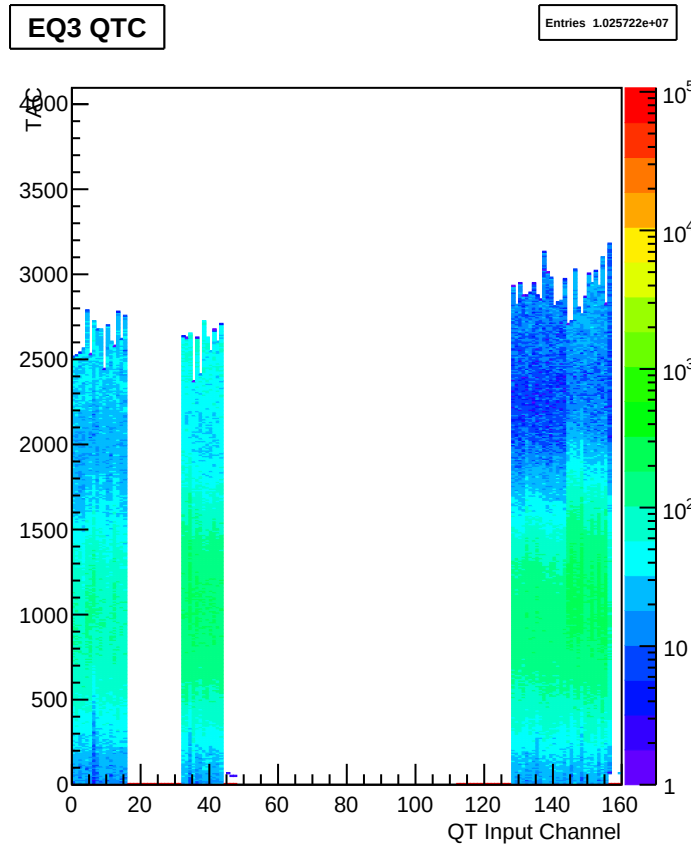

EQ2 QTC
Entries 1.025722e+07
ADC
QT Input Channel

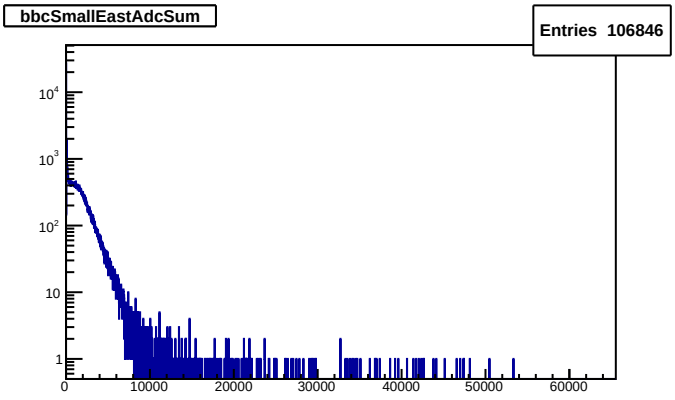

EQ2 QTC
Entries 1.025722e+07
TADC
QT Input Channel

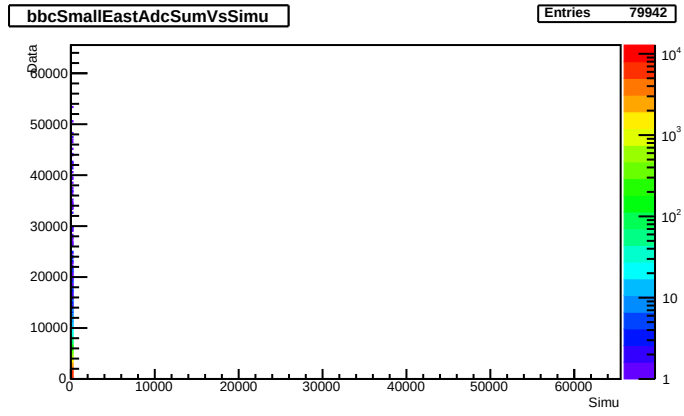

EQ3 QTB
Entries 2.735258e+07
ADC
QT Input Channel

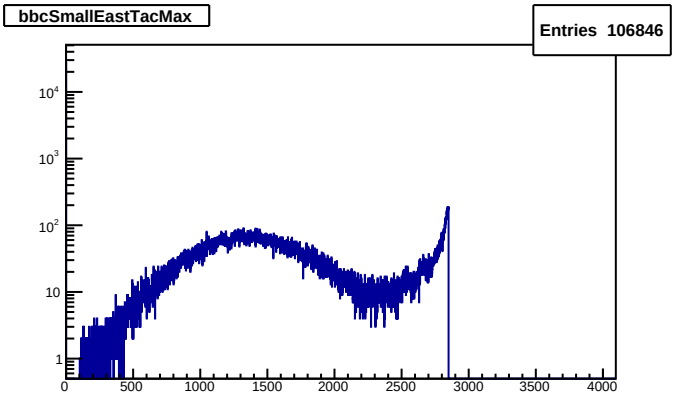

EQ3 QTB
Entries 8322407
TDC
QT Input Channel

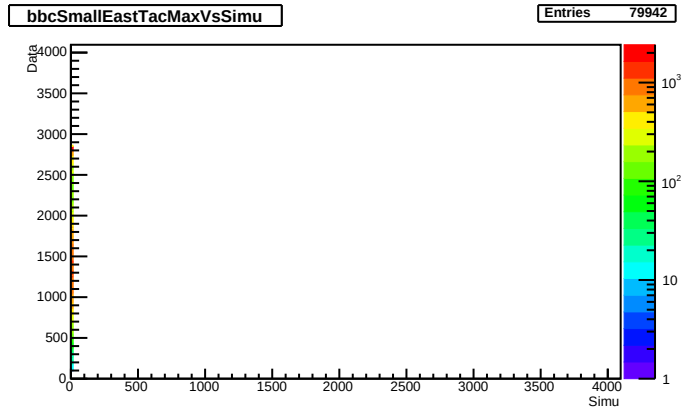

EQ3 QTC
Entries 1.025722e+07
ADC
QT Input Channel

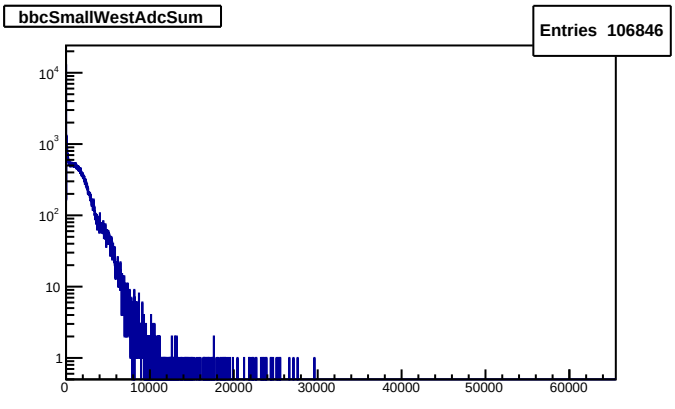

EQ3 QTC
Entries 1.025722e+07
TADC
QT Input Channel

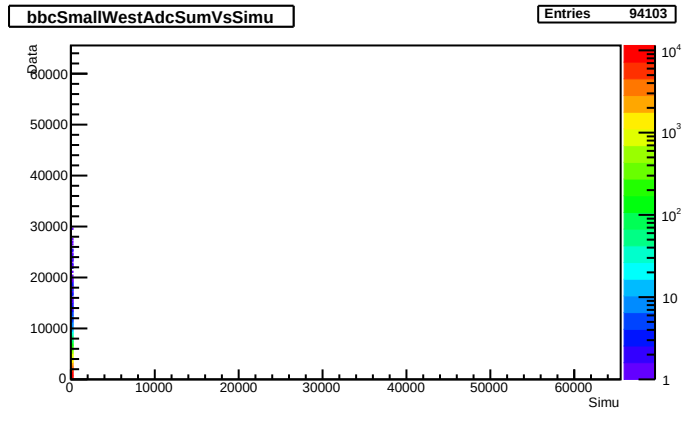

bbcSmallEastAdcSum
Entries 106846

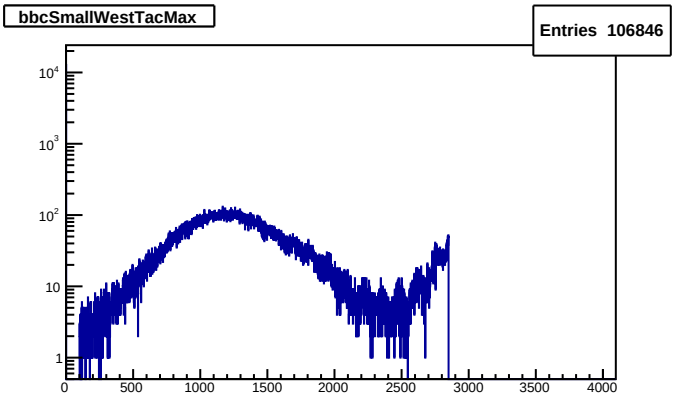

bbcSmallEastAdcSumVsSimu
Entries 79942
Data
Simu

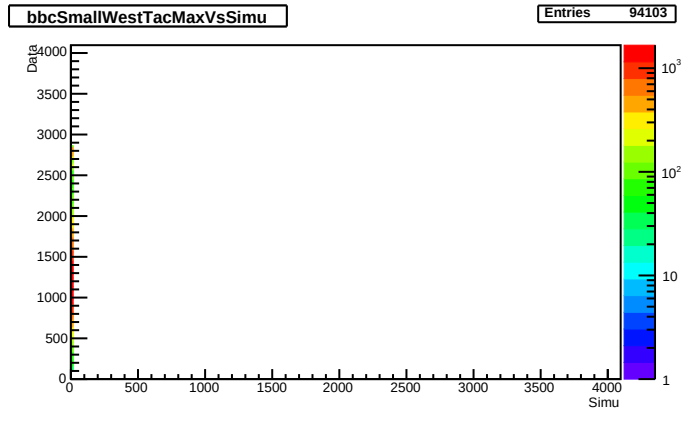

bbcSmallEastTacMax
Entries 106846

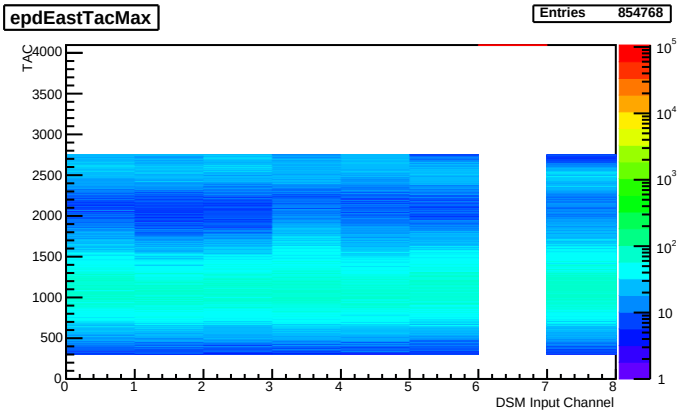

bbcSmallEastTacMaxVsSimu
Entries 79942
Data
Simu

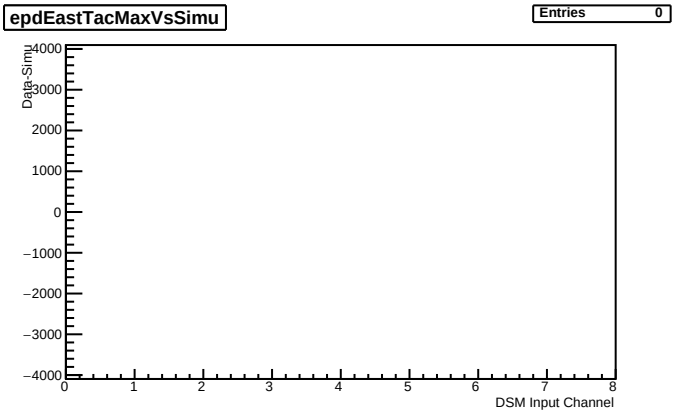

bbcSmallWestAdcSum
Entries 106846

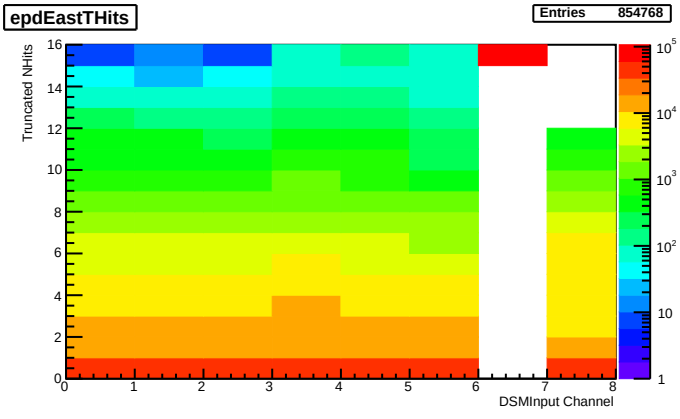

bbcSmallWestAdcSumVsSimu
Entries 94103
Data
Simu

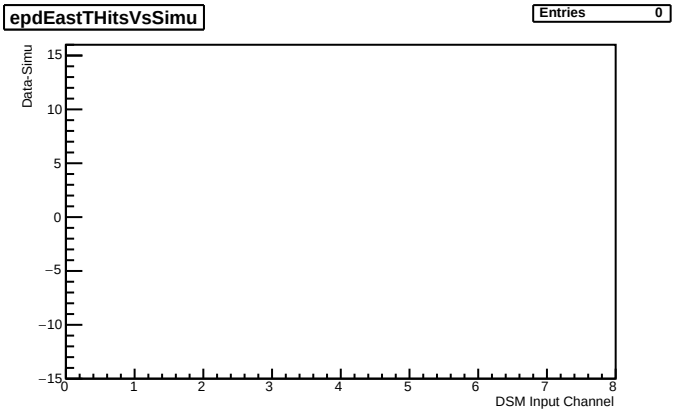

bbcSmallWestTacMax
Entries 106846

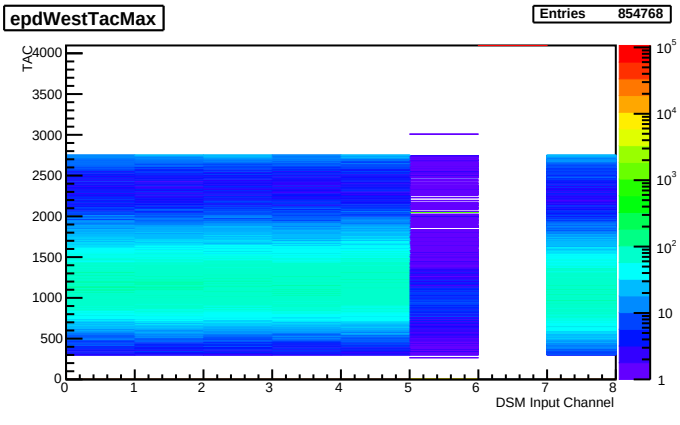

bbcSmallWestTacMaxVsSimu
Entries 94103
Data
Simu

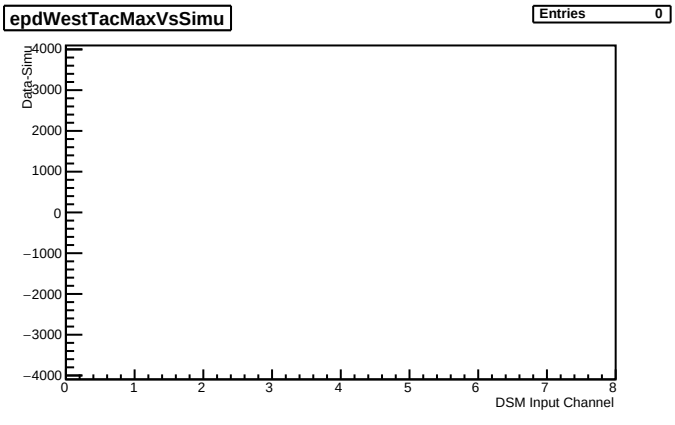

epdEastTacMax
Entries 854768
TAC
DSM Input Channel

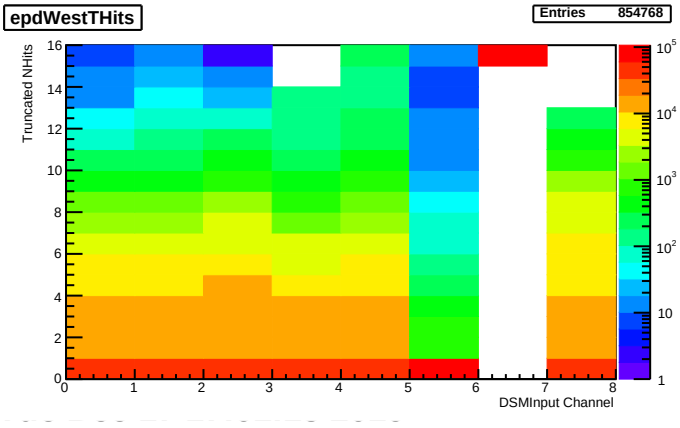

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

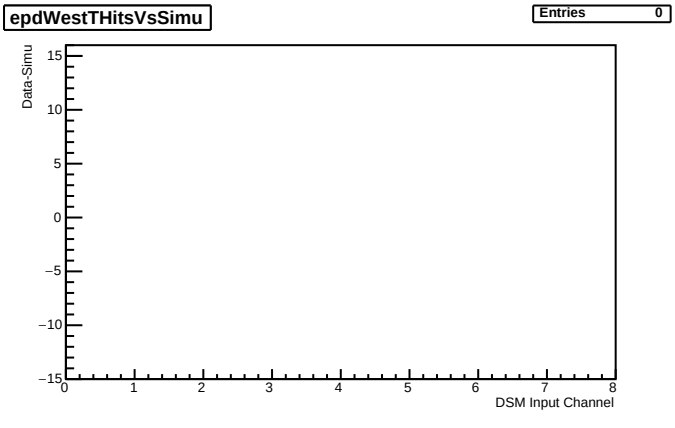

epdEastTHits
Entries 854768
Truncated NHits
DSMInput Channel

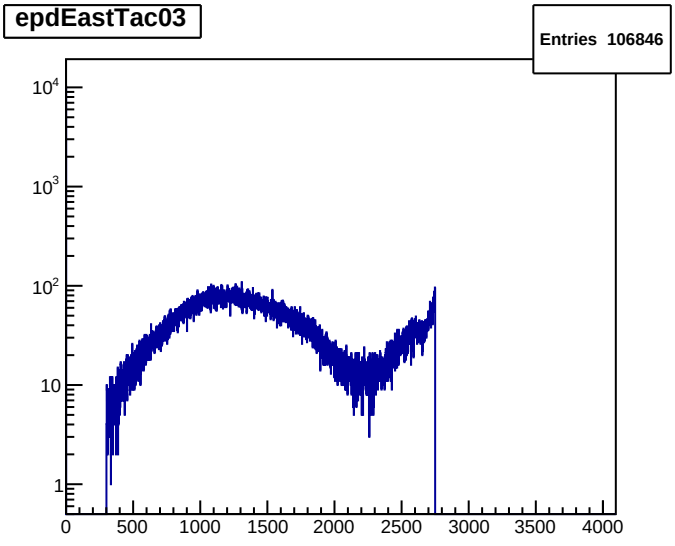

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

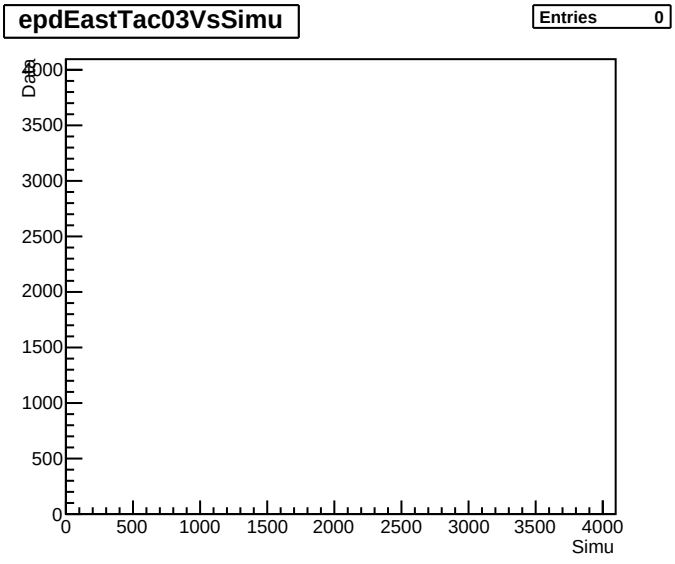

epdWestTacMax
Entries 854768
TAC
DSM Input Channel

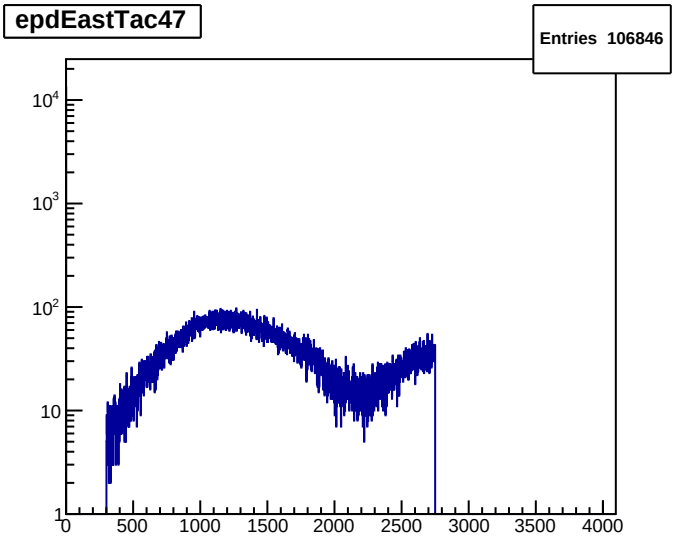

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

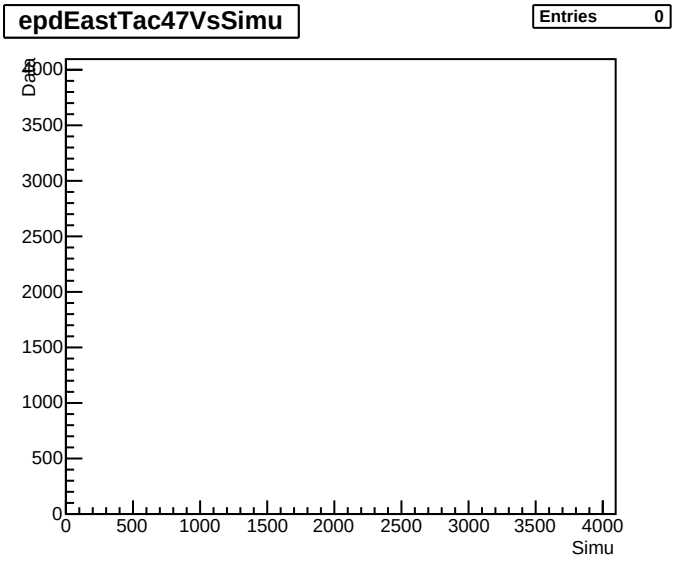

epdWestTHits
Entries 854768
Truncated NHits
DSMInput Channel

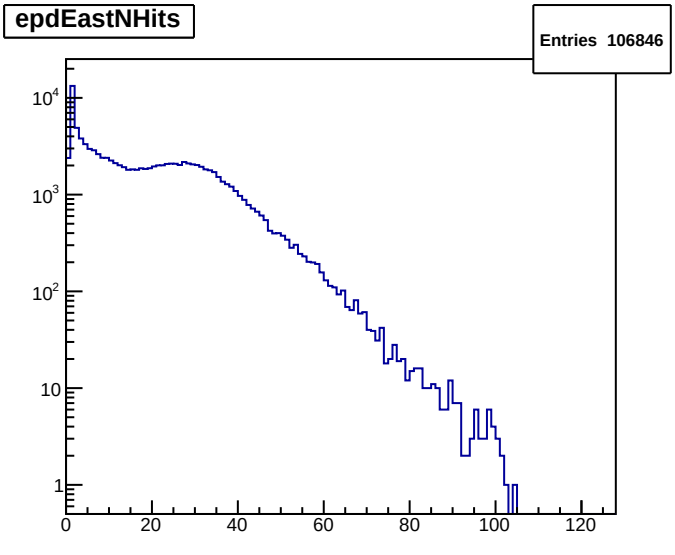

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

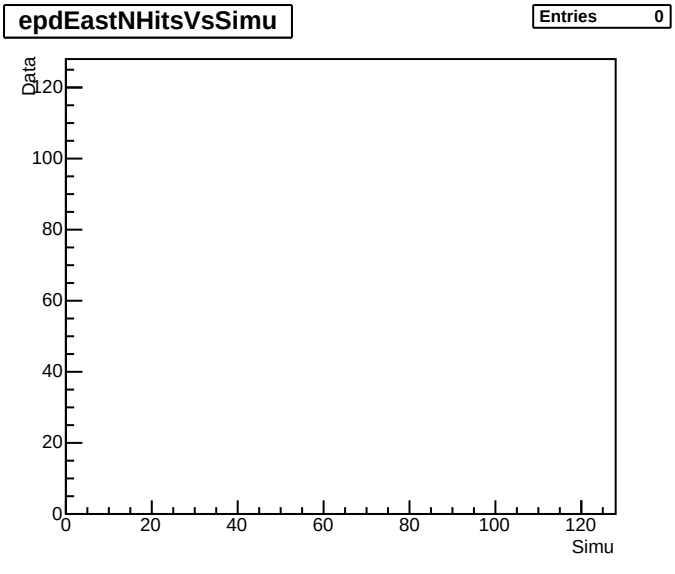

epdEastTac03
Entries 106846

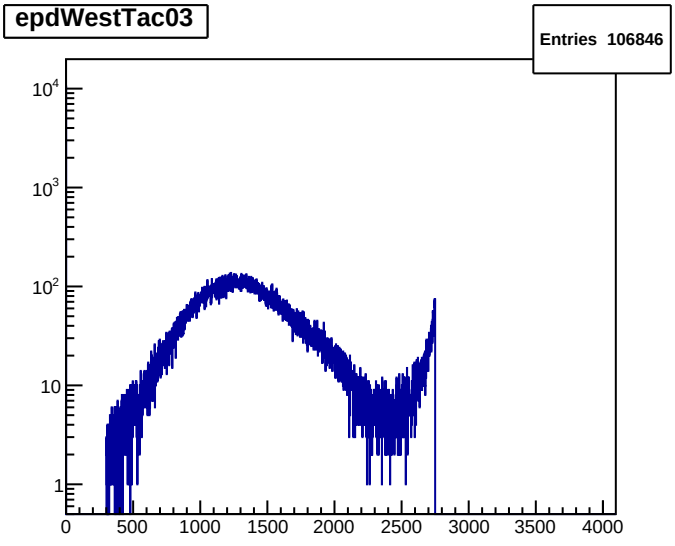

epdEastTac03VsSimu
Entries 0
Data
Simu

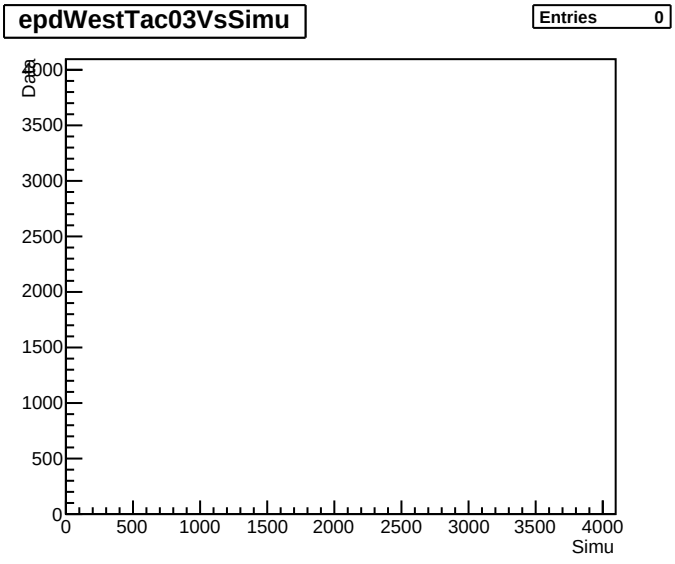

epdEastTac47
Entries 106846

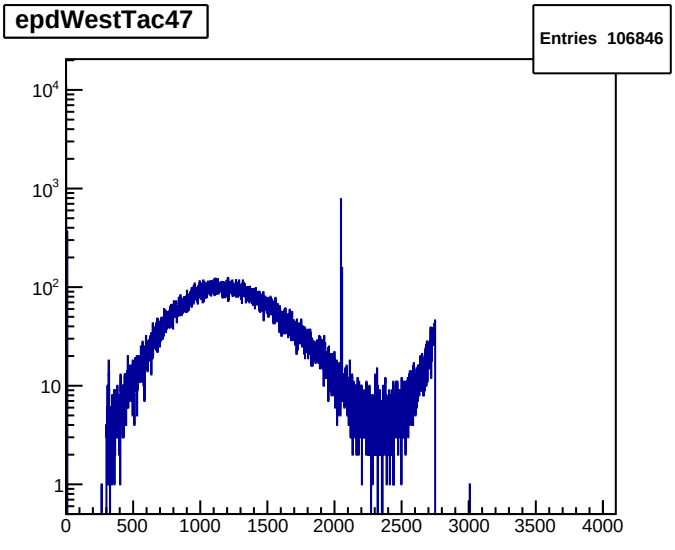

epdEastTac47VsSimu
Entries 0
Data
Simu

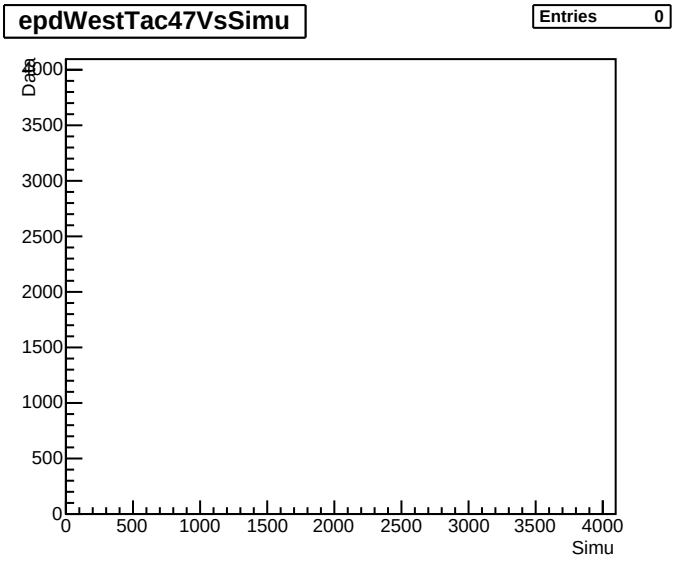

epdEastNHits
Entries 106846

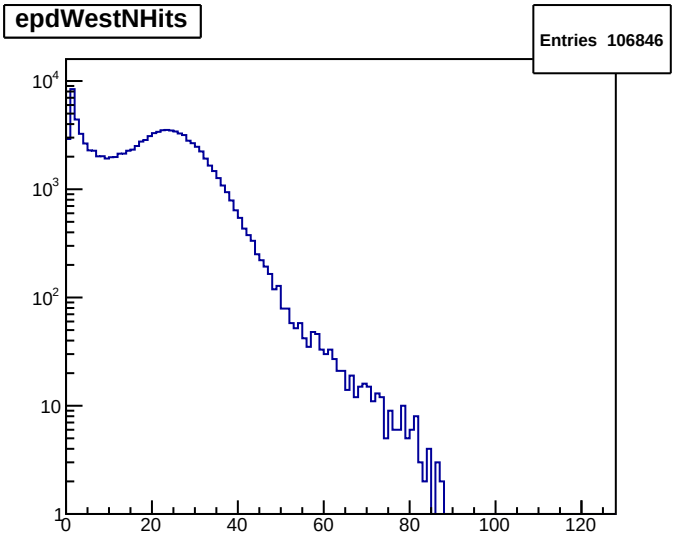

epdEastNHitsVsSimu
Entries 0
Data
Simu

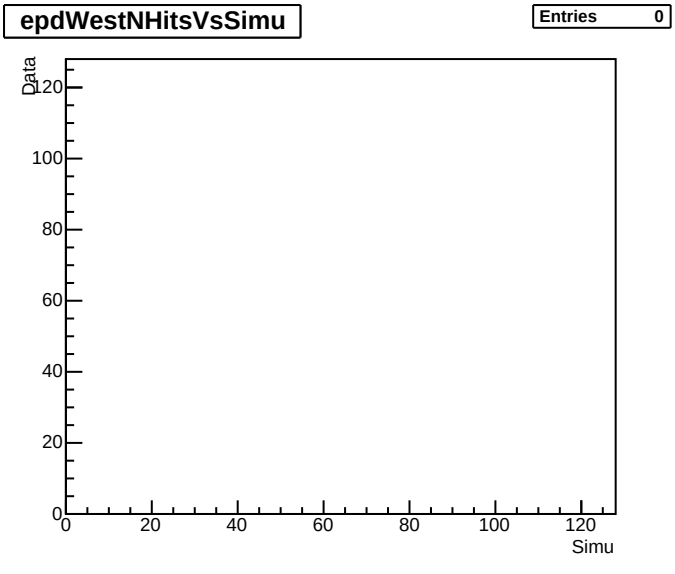

epdWestTac03
Entries 106846

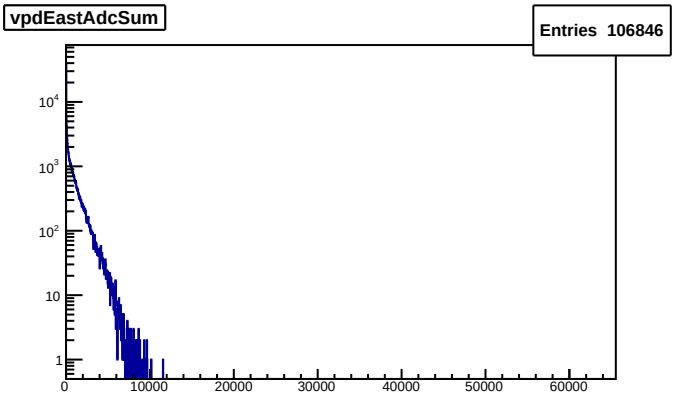

epdWestTac03VsSimu
Entries 0
Data
Simu

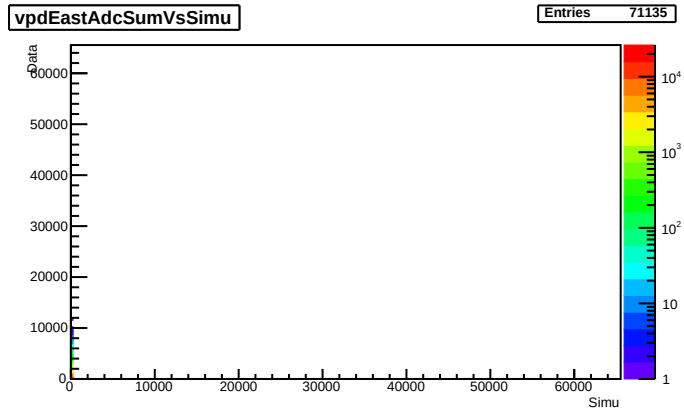

epdWestTac47
Entries 106846

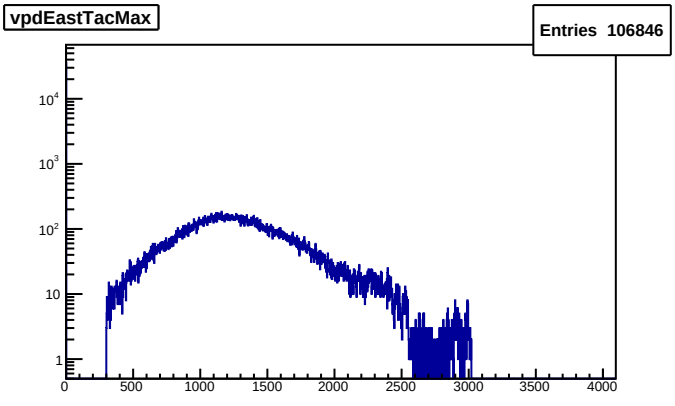

epdWestTac47VsSimu
Entries 0
Data
Simu

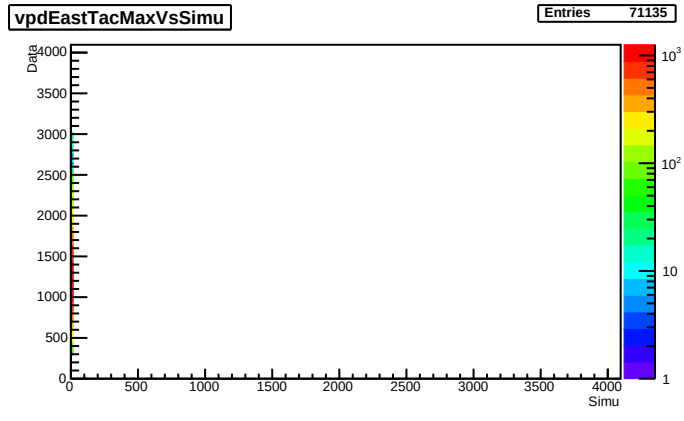

epdWestNHits
Entries 106846

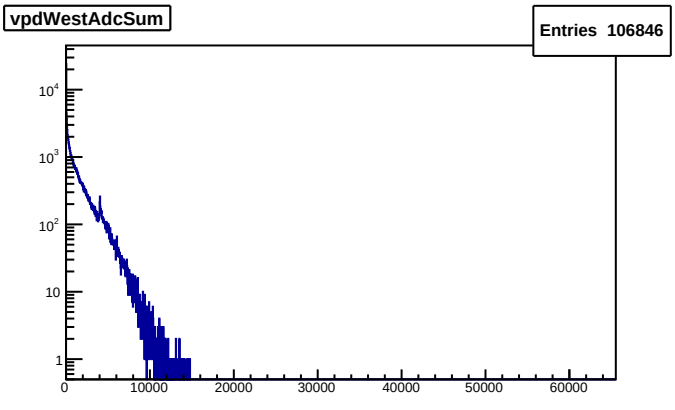

epdWestNHitsVsSimu
Entries 0
Data
Simu

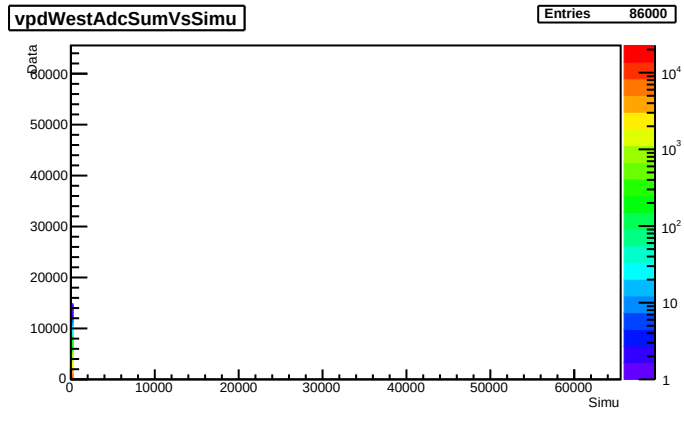

vpdEastAdcSum
Entries 106846

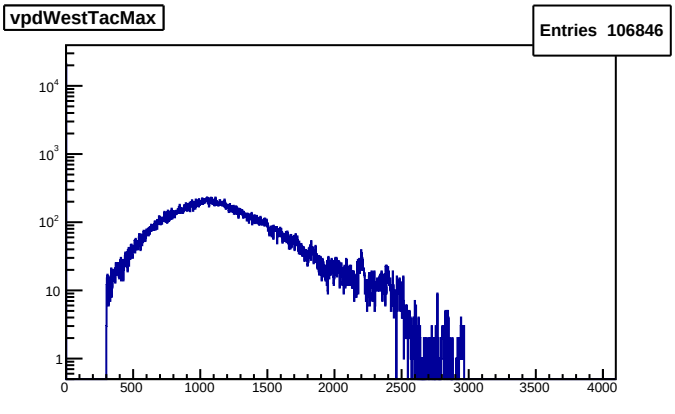

vpdEastAdcSumVsSimu
Entries 71135
Data
Simu

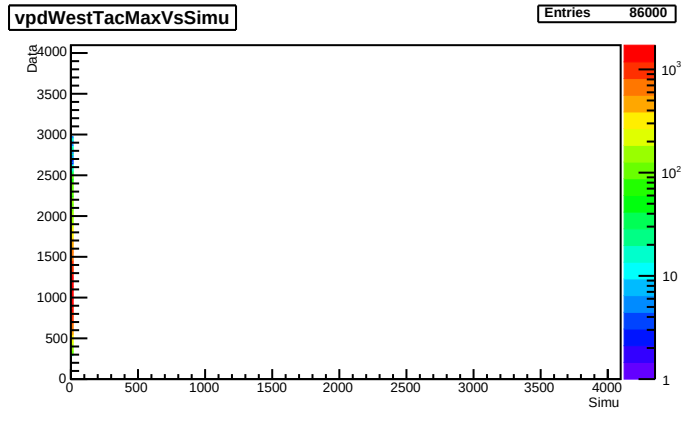

vpdEastTacMax
Entries 106846

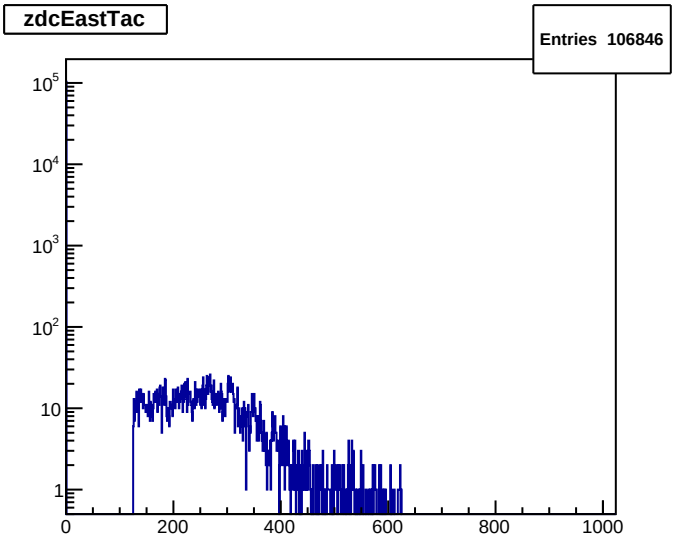

vpdEastTacMaxVsSimu
Entries 71135
Data
Simu

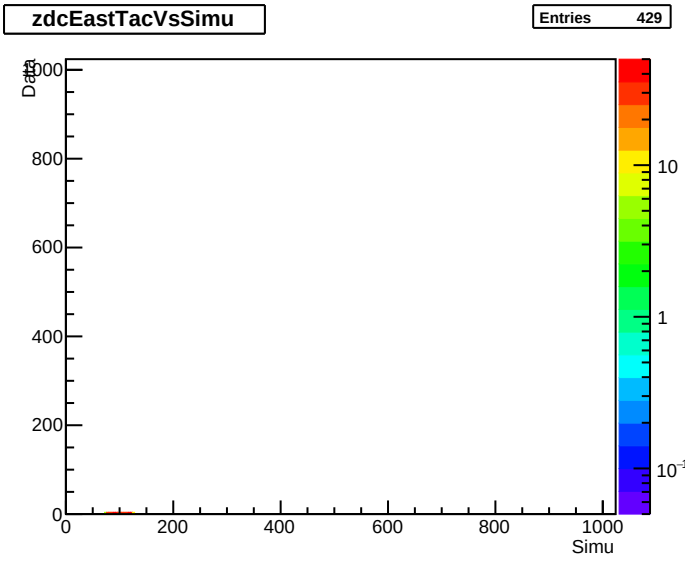

vpdWestAdcSum
Entries 106846

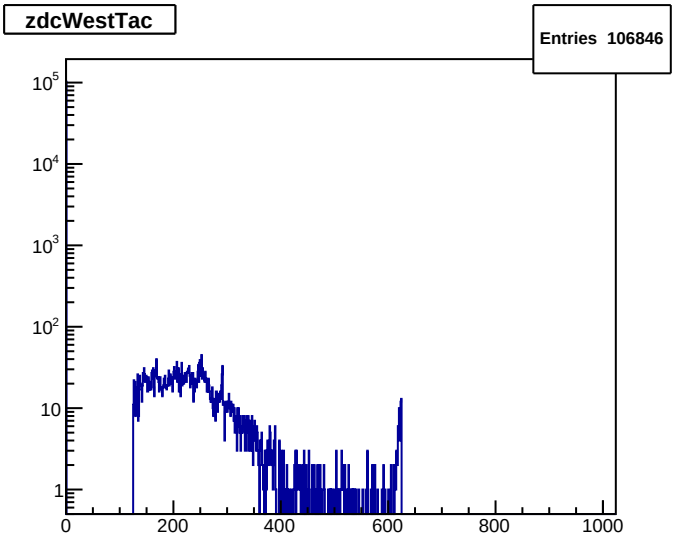

vpdWestAdcSumVsSimu
Entries 86000
Data
Simu

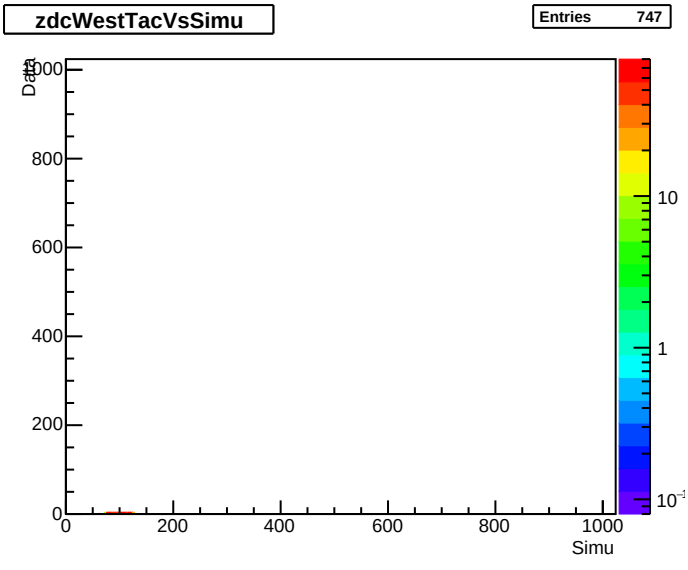

vpdWestTacMax
Entries 106846

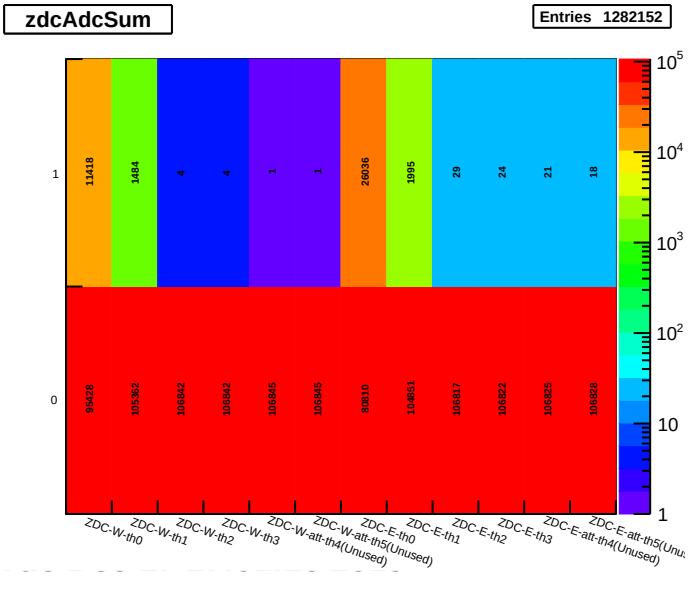

vpdWestTacMaxVsSimu
Entries 86000
Data
Simu

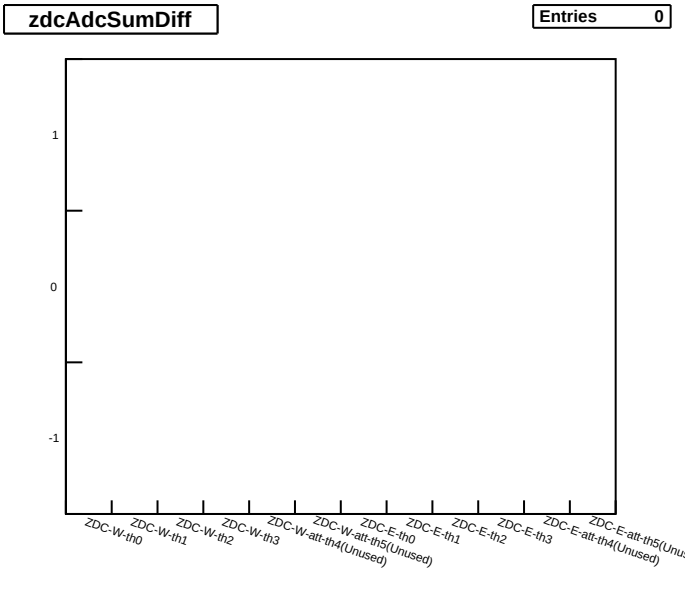

zdcEastTac
Entries 106846

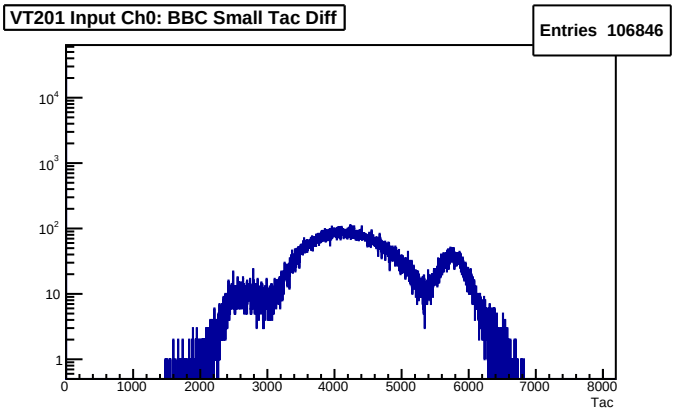

zdcEastTacVsSimu
Entries 429
Data
Simu

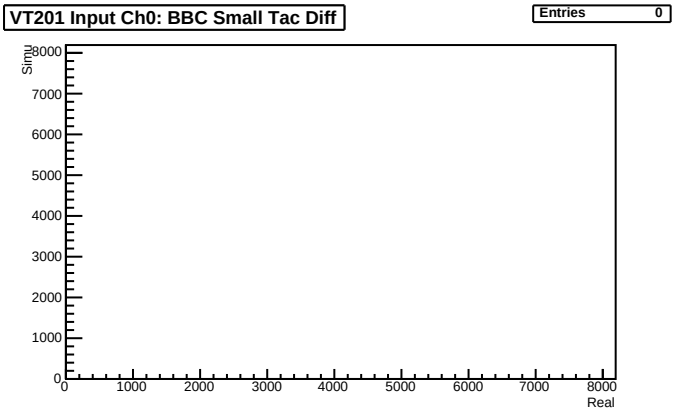

zdcWestTac
Entries 106846

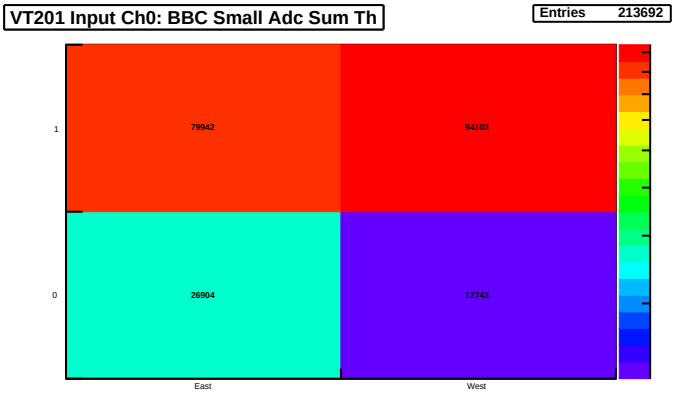

zdcWestTacVsSimu
Entries 747
Data
Simu

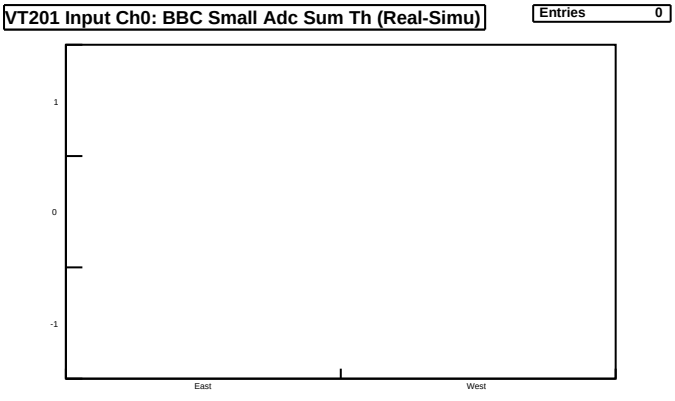

zdcAdcSum
Entries 1282152
11418
1484
4
4
1
1
28036
1995
29
24
21
18
95428
105362
106842
106842
106845
106845
80810
104851
106817
106822
106825
106828
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

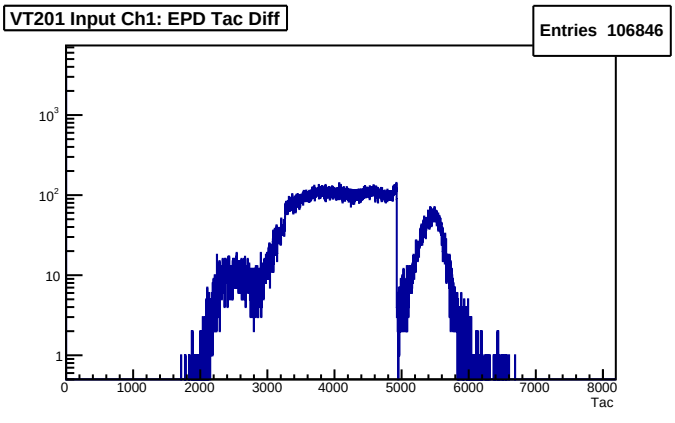

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

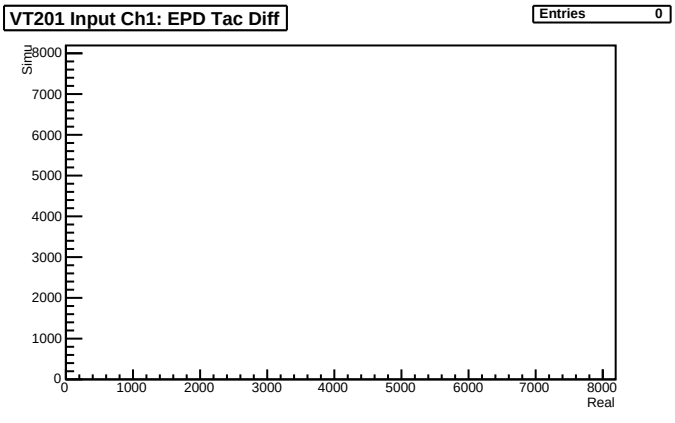

VT201 Input Ch0: BBC Small Tac Diff
Entries 106846
Tac

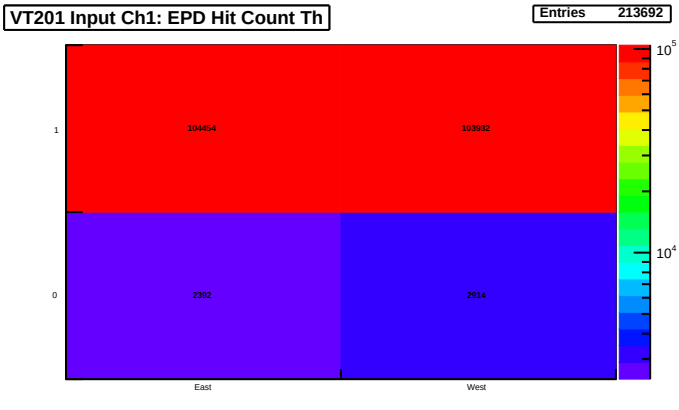

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

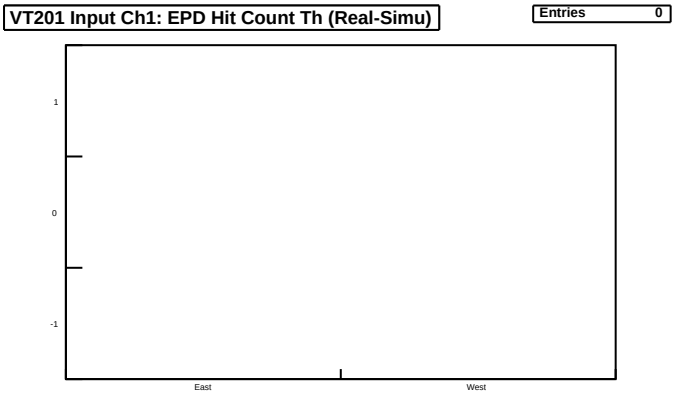

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 213692
79942
94103
26904
12743
East
West

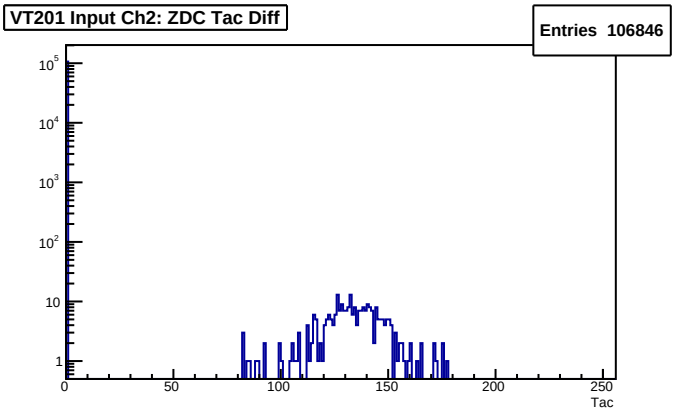

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

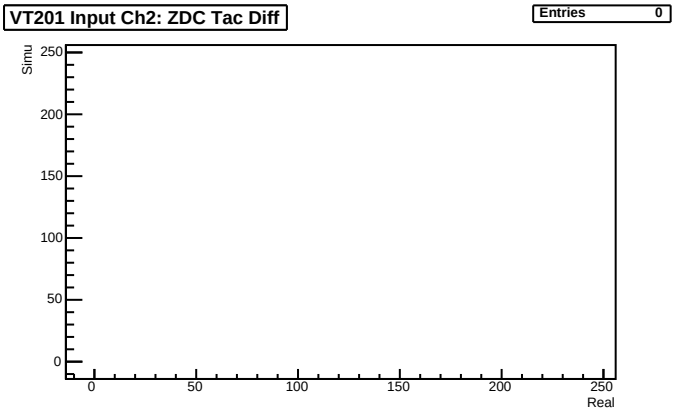

VT201 Input Ch1: EPD Tac Diff
Entries 106846
Tac

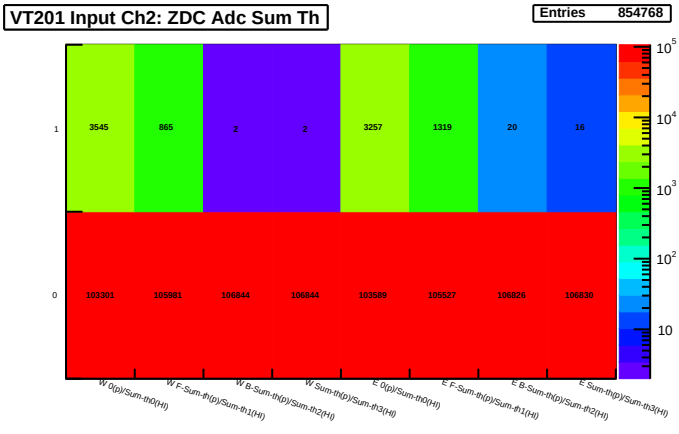

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

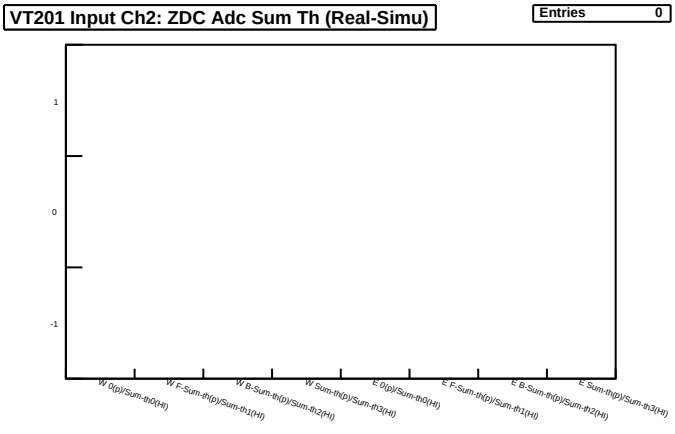

VT201 Input Ch1: EPD Hit Count Th
Entries 213692
104454
103932
2392
2914
East
West

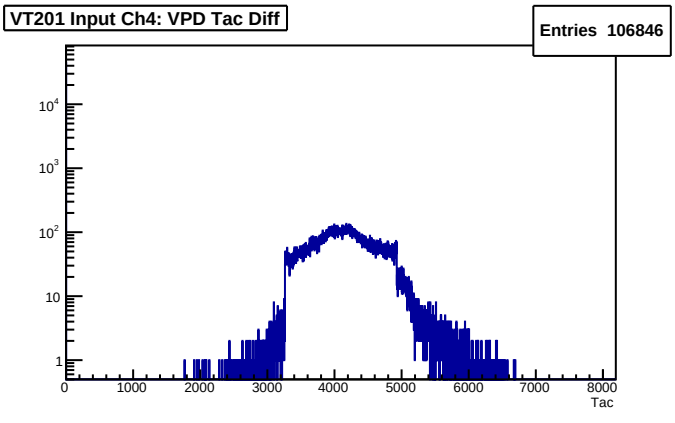

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

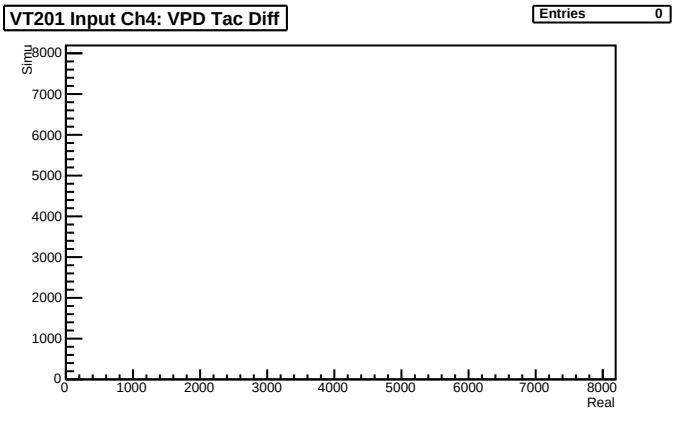

VT201 Input Ch2: ZDC Tac Diff
Entries 106846
Tac

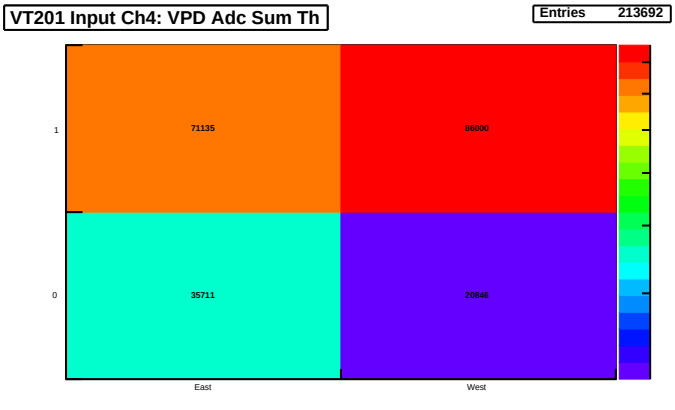

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

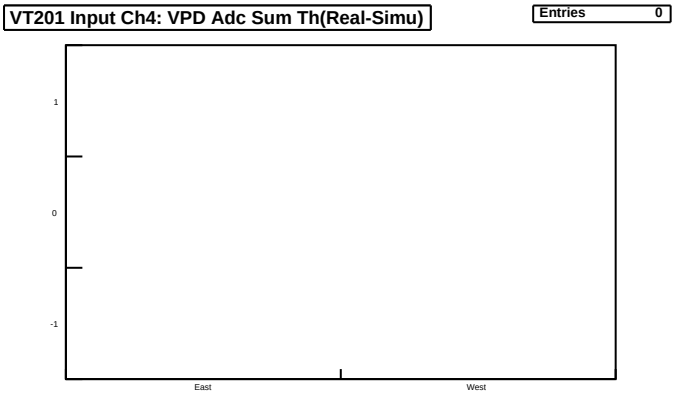

VT201 Input Ch2: ZDC Adc Sum Th
Entries 854768
3545
865
2
2
3257
1319
20
16
103301
105981
106844
106844
103589
105527
106826
106830
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

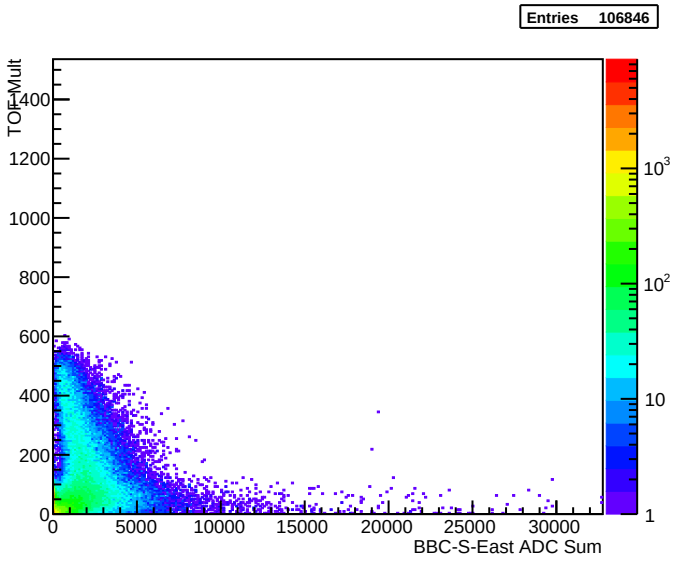

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

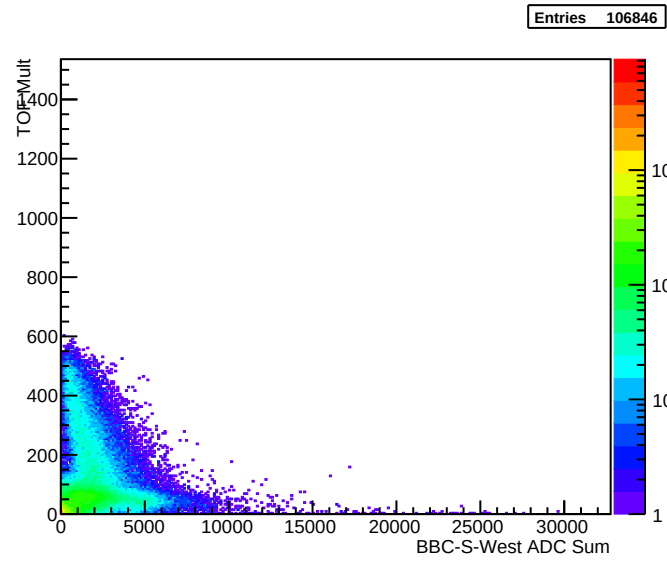

VT201 Input Ch4: VPD Tac Diff
Entries 106846
Tac

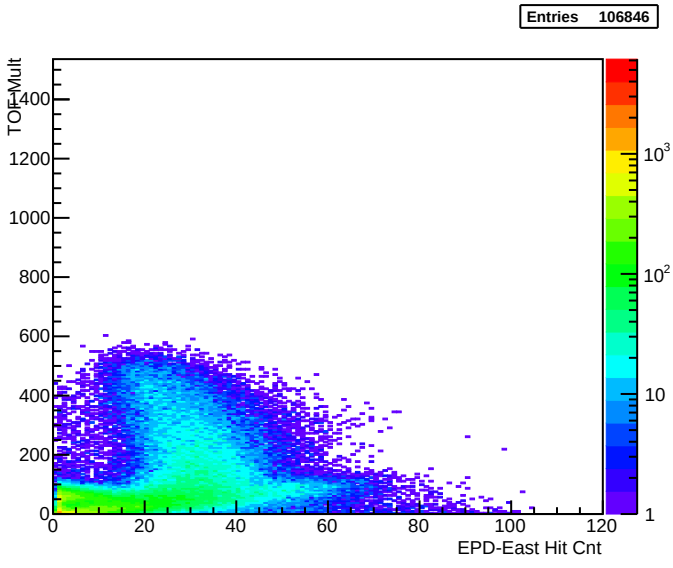

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

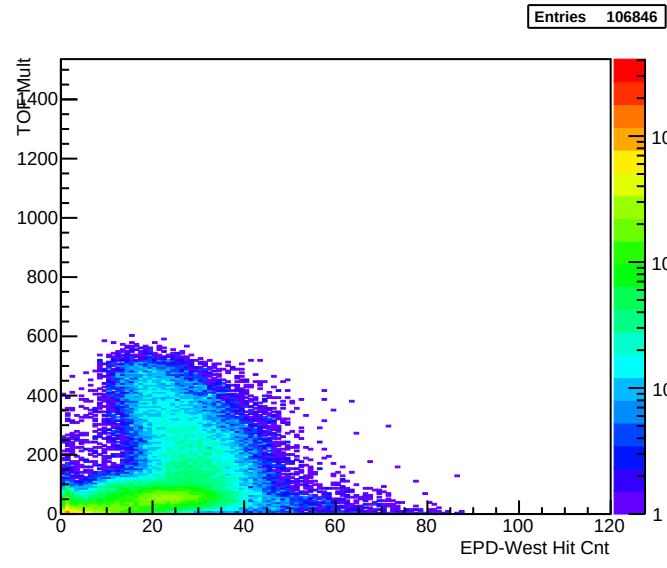

VT201 Input Ch4: VPD Adc Sum Th
Entries 213692
71135
86000
35711
20846
East
West

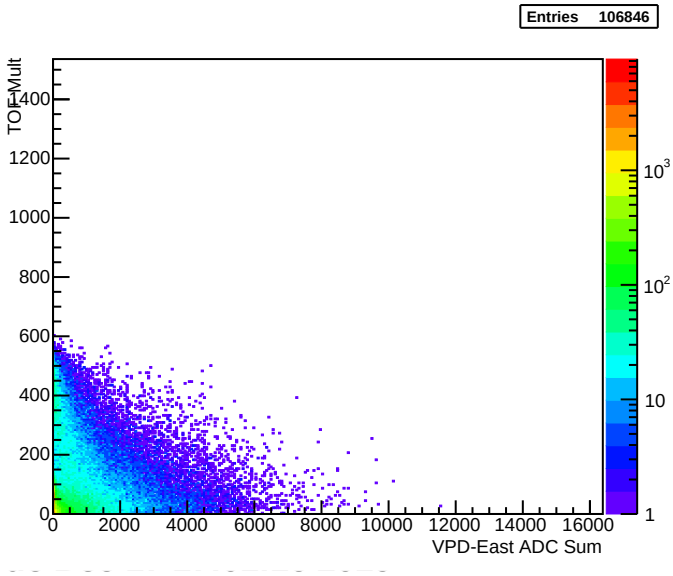

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

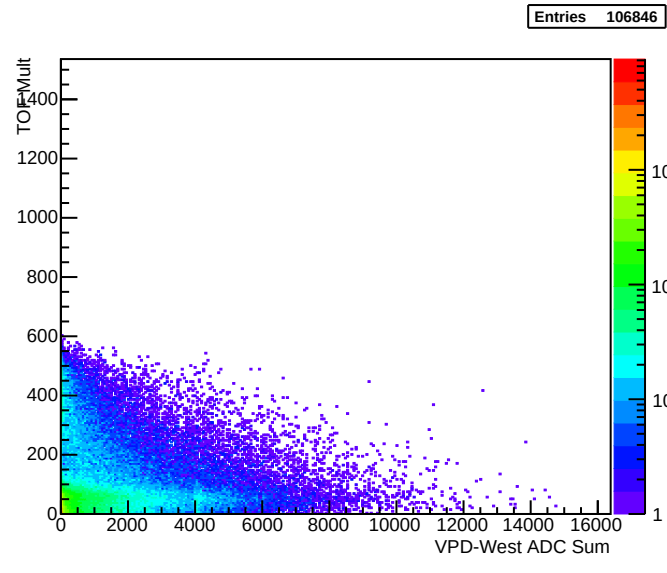

Entries 106846
TOF-Mult
BBC-S-East ADC Sum

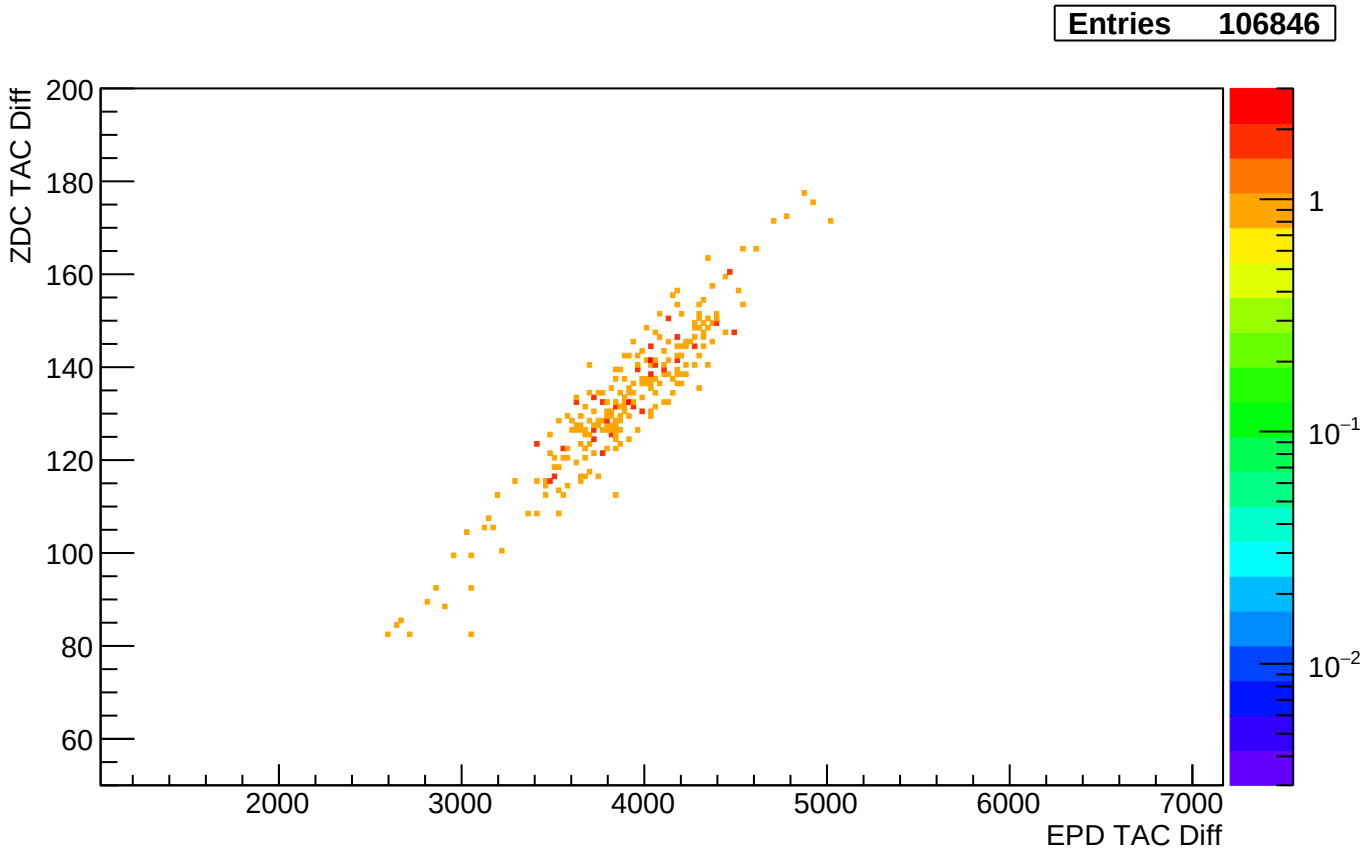

Entries 106846
TOF-Mult
BBC-S-West ADC Sum

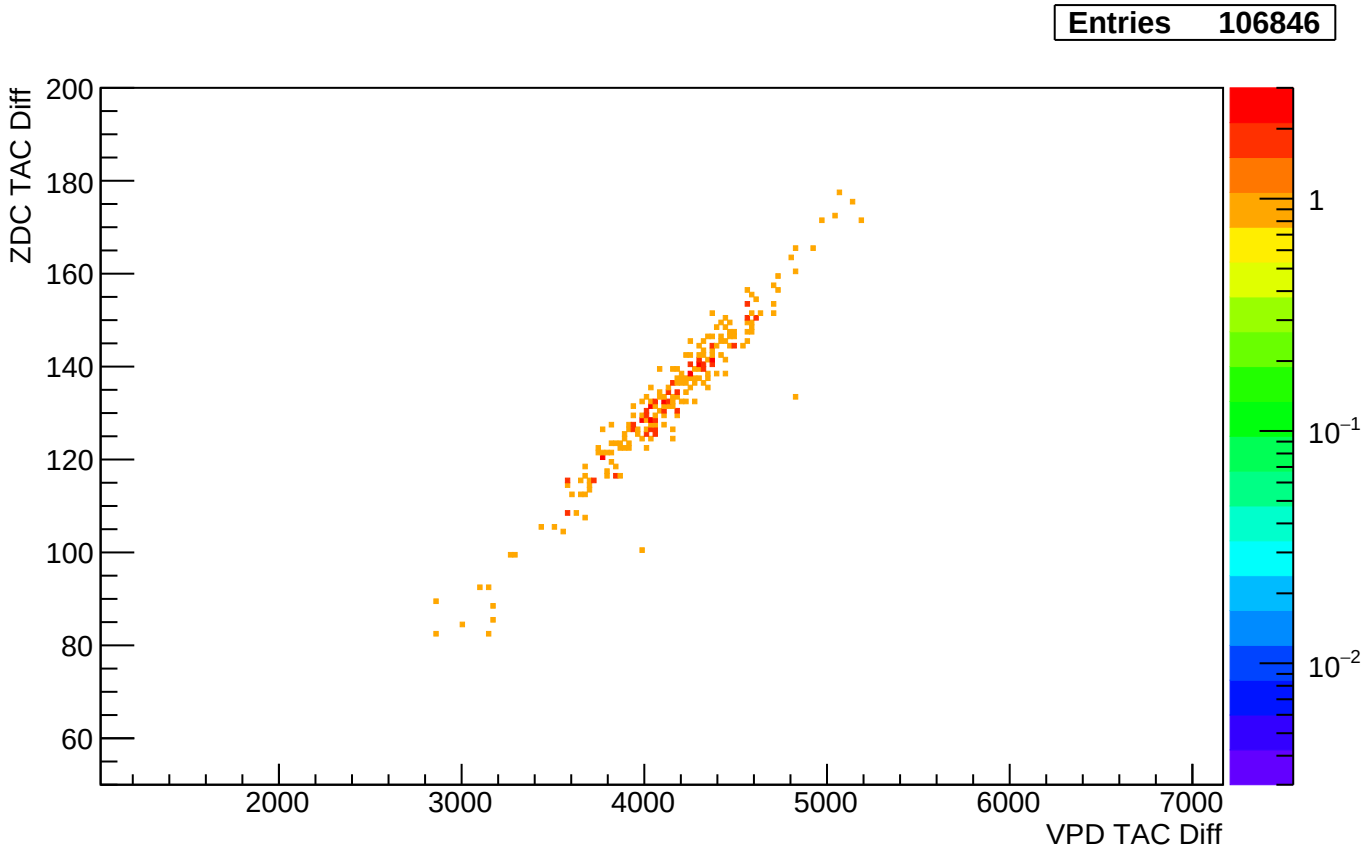

Entries 106846
TOF-Mult
EPD-East Hit Cnt

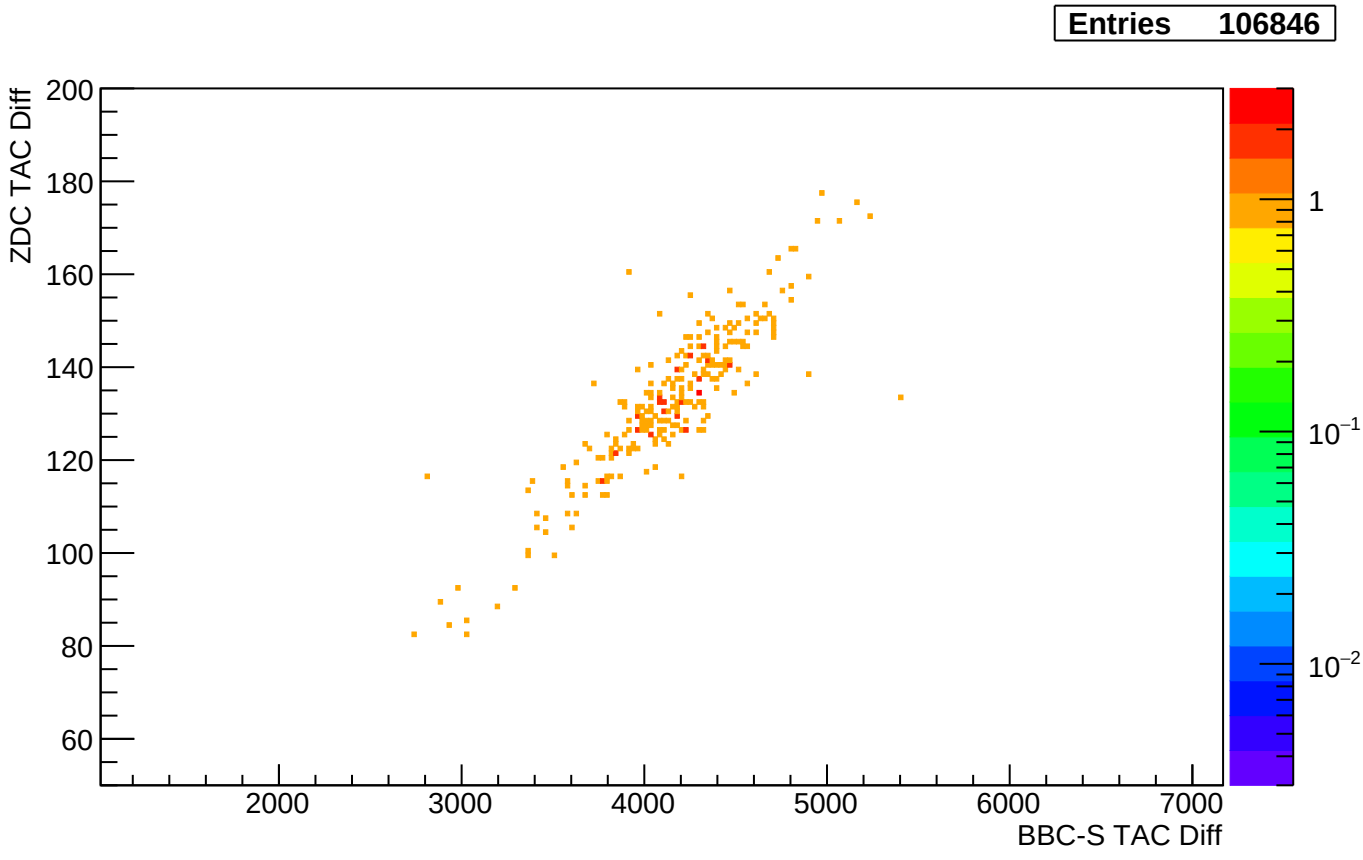

Entries 106846
TOF-Mult
EPD-West Hit Cnt

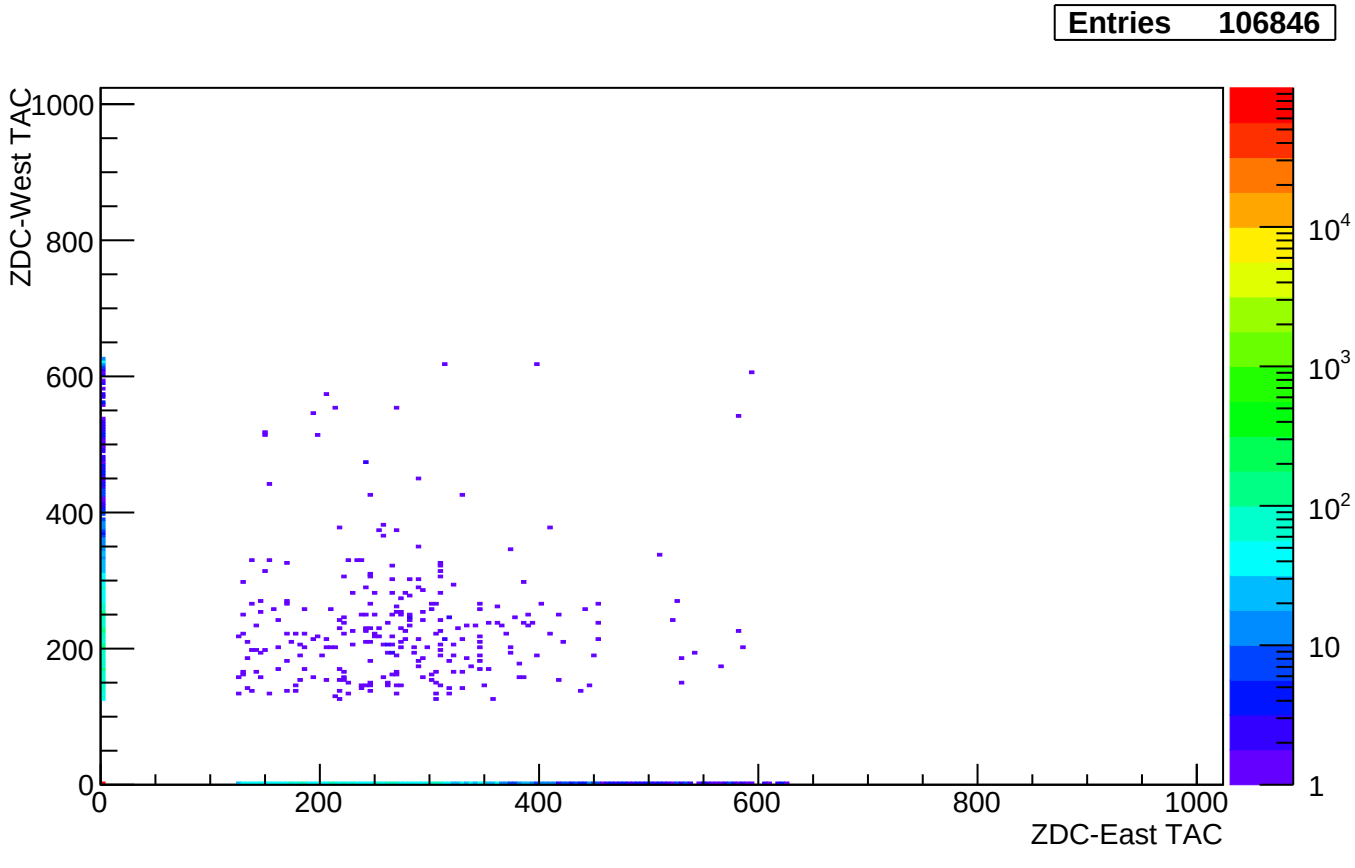

Entries 106846
TOF-Mult
VPD-East ADC Sum

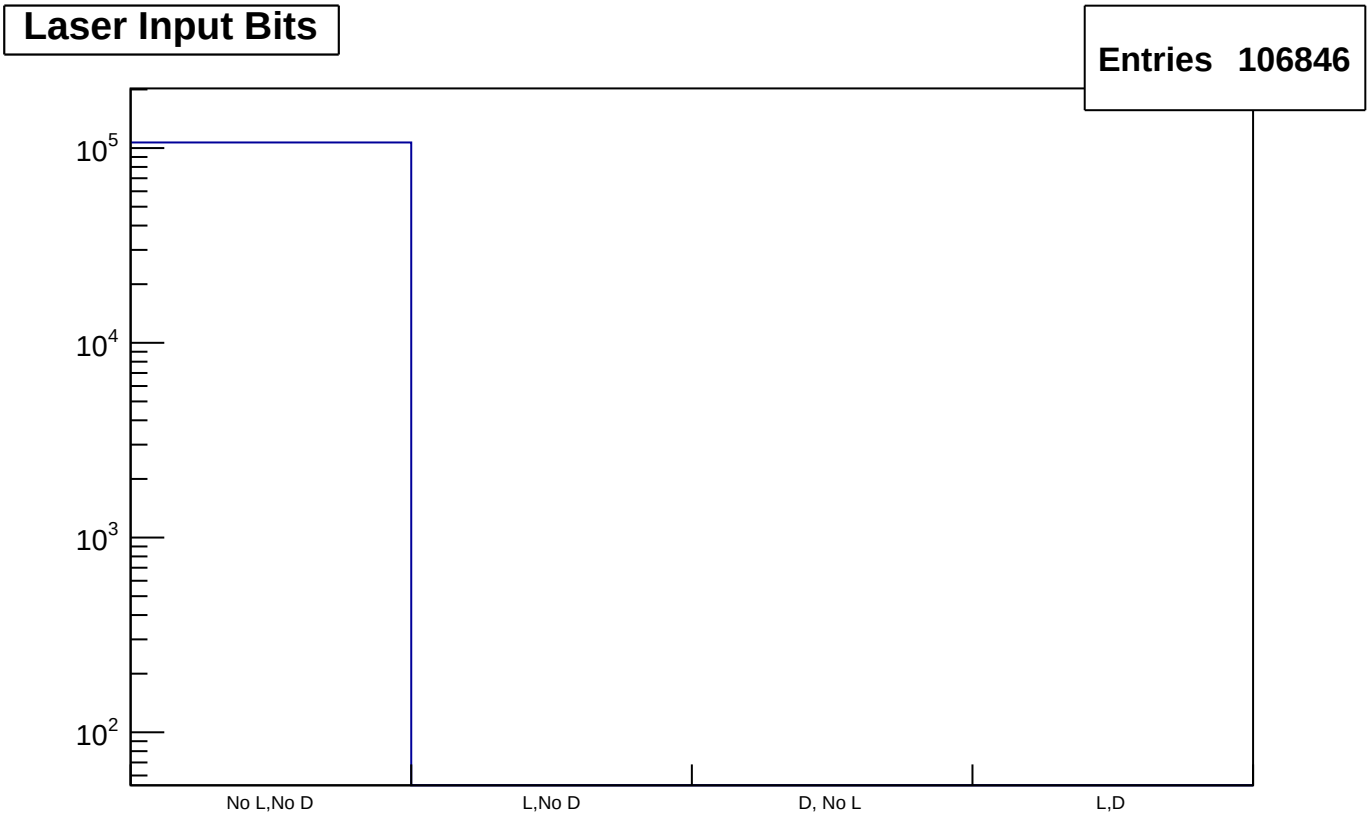

Entries 106846
TOF-Mult
VPD-West ADC Sum

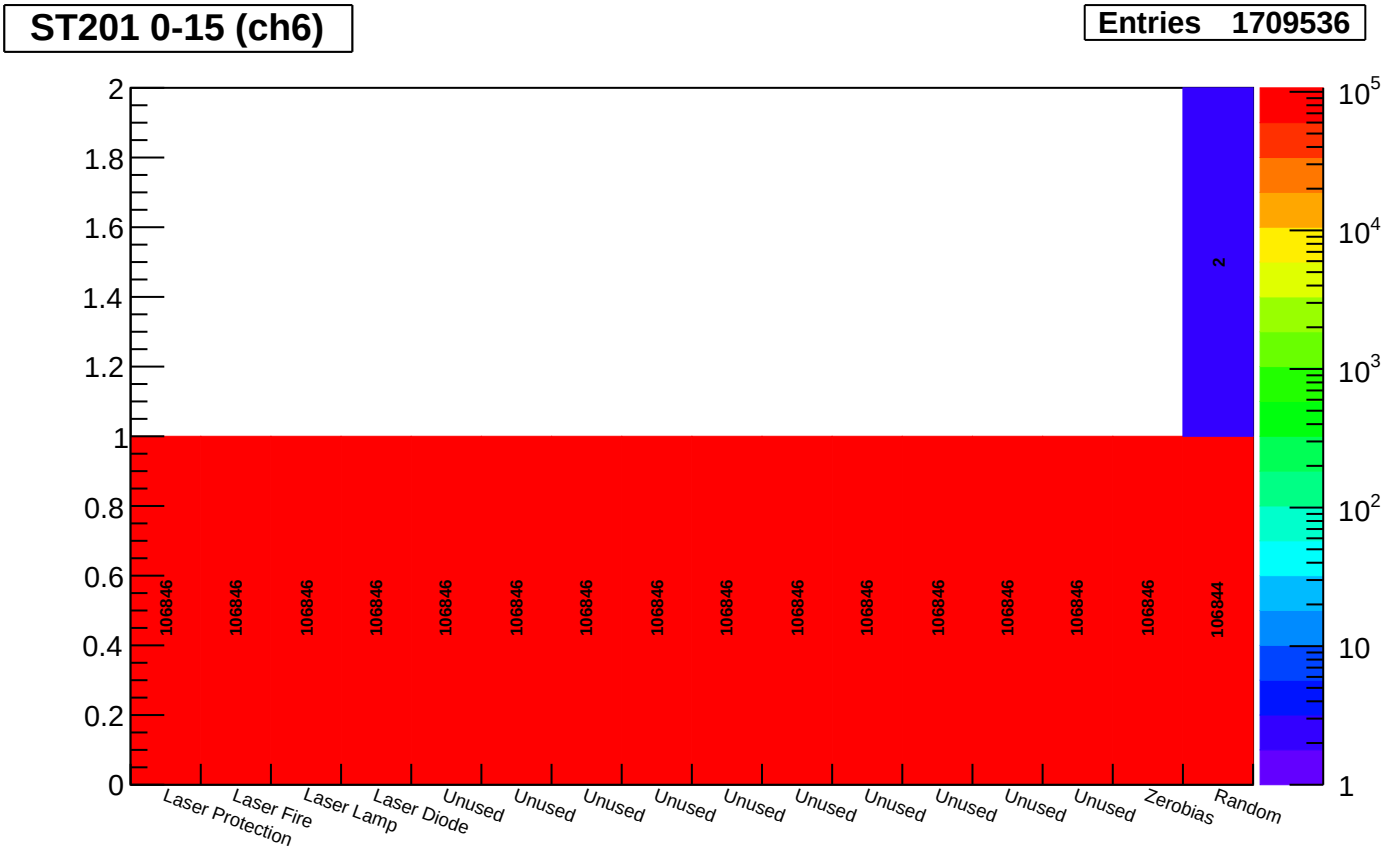

Entries 106846
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

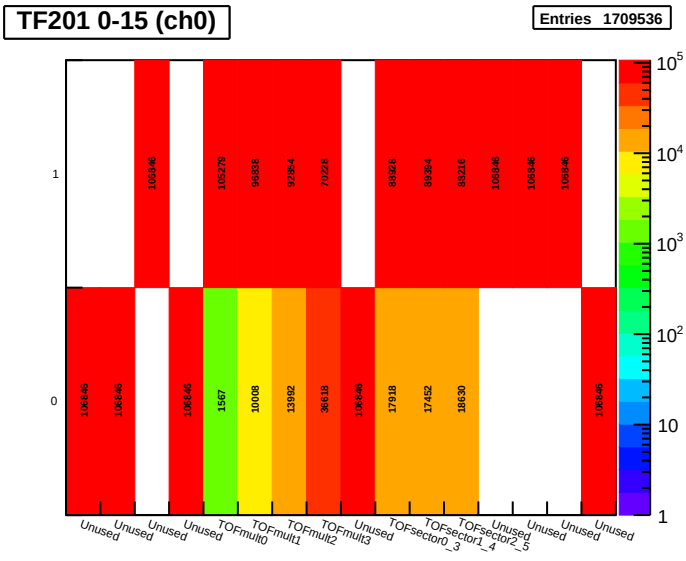

Entries 106846
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

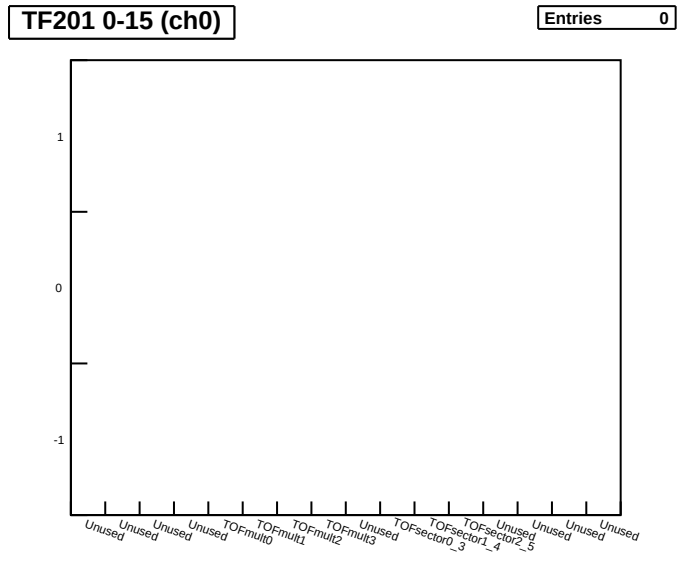

Entries 106846
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

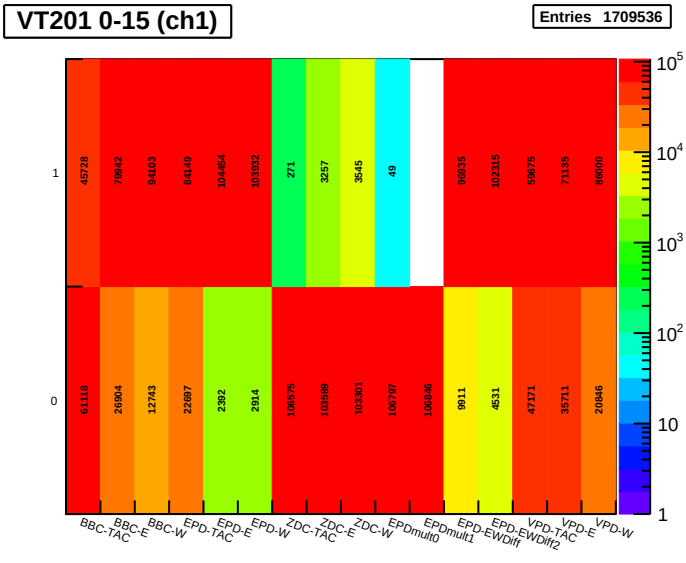

Entries 106846
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

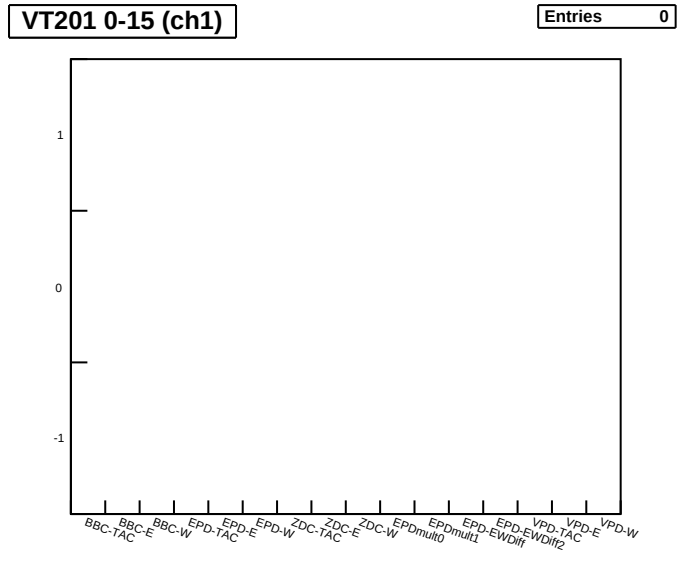

Laser Input Bits
Entries 106846
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

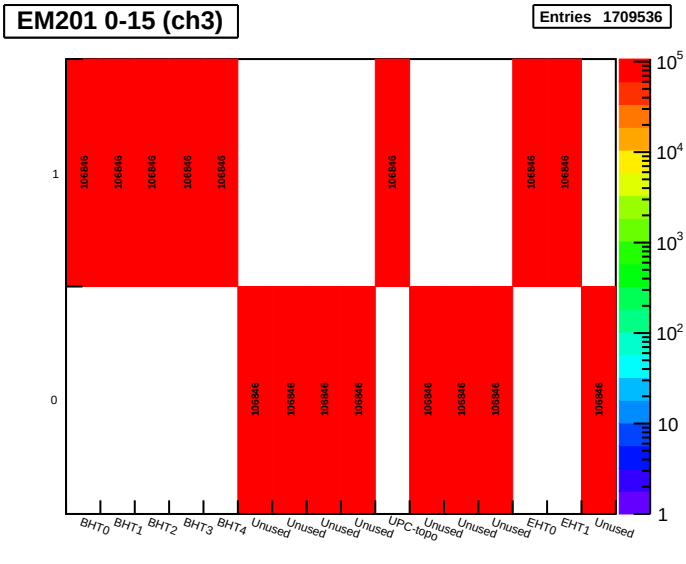

ST201 0-15 (ch6)
Entries 1709536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
106846
106844
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

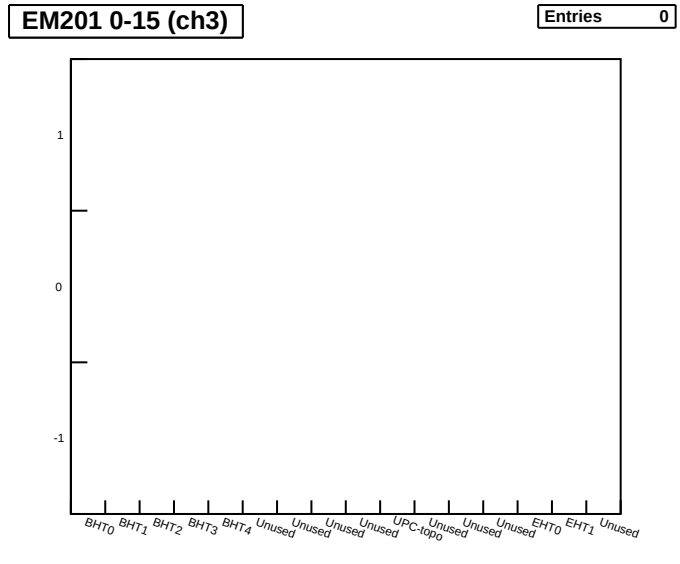

TF201 0-15 (ch0)
Entries 1709536
1
0
106846 106846 106846 106846 105279 96838 92854 70228 88928 89394 88216 106846 106846 106846
106846 106846 106846 1567 10008 13992 36618 106846 17918 17452 18630 106846
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1709536
1
0
45728 79942 94103 84149 104454 103932 271 3257 3545 49 96935 102315 58675 71135 86000
61118 26904 12743 22697 2392 2914 106575 103589 103301 106797 106846 9911 4531 47171 35711 20846
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 1709536
1
0
106846 106846 106846 106846 106846 106846 106846 106846 106846
106846 106846 106846 106846 106846 106846 106846 106846
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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