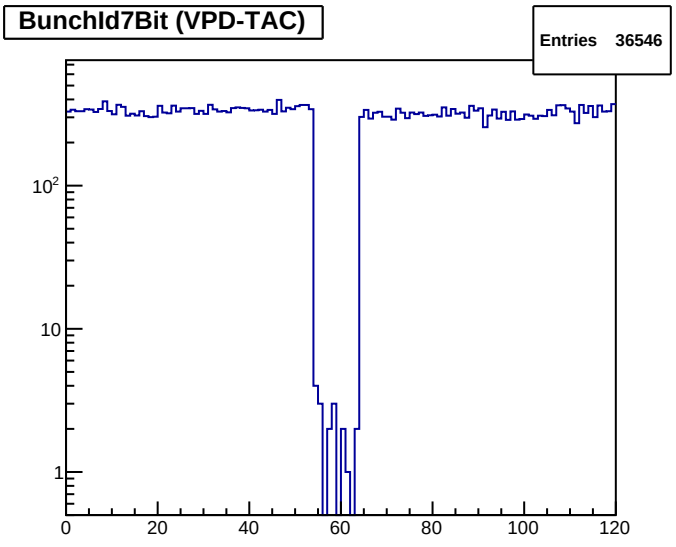
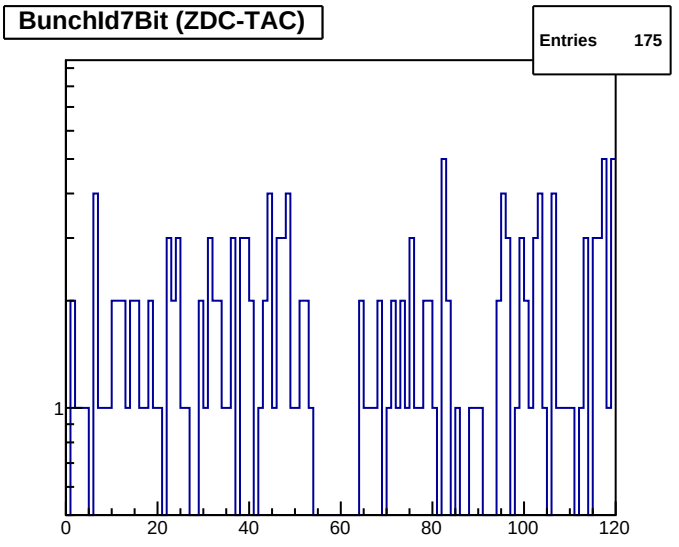
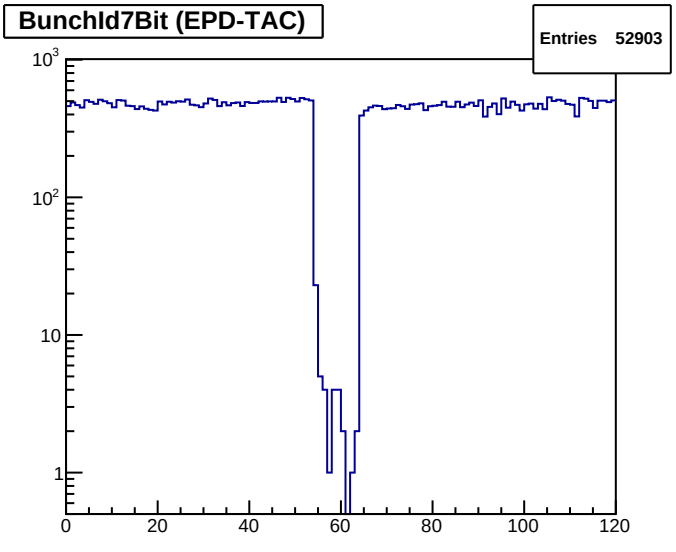
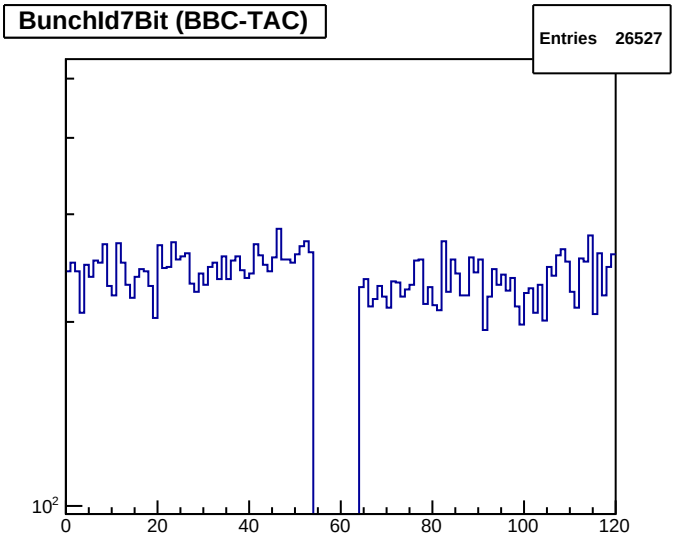
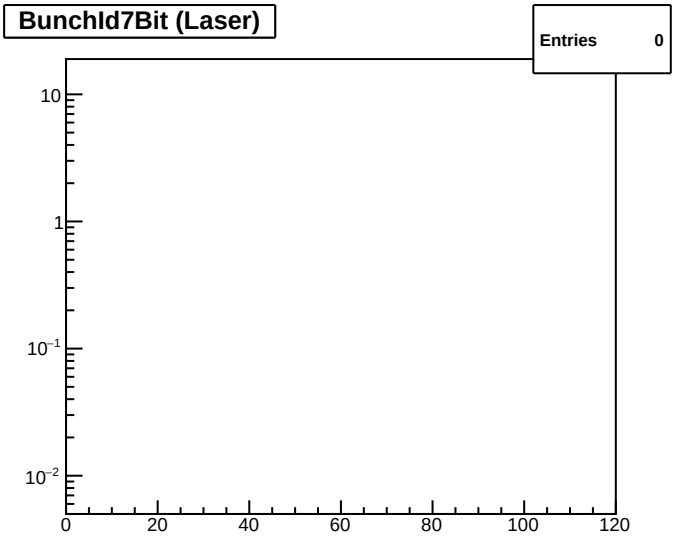
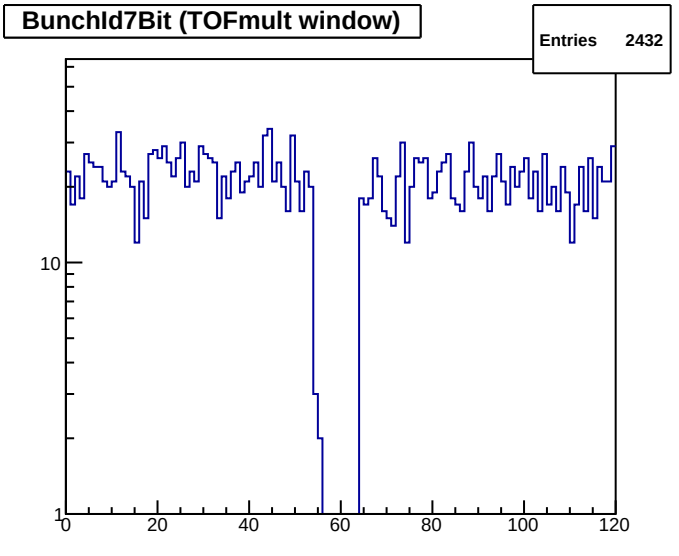

BunchId7Bit (VPD-TAC)
Entries 36546

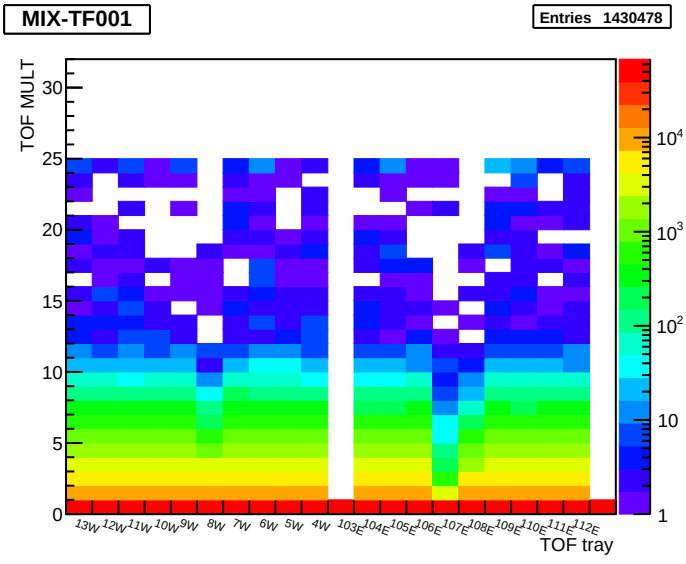

BunchId7Bit (ZDC-TAC)
Entries 175

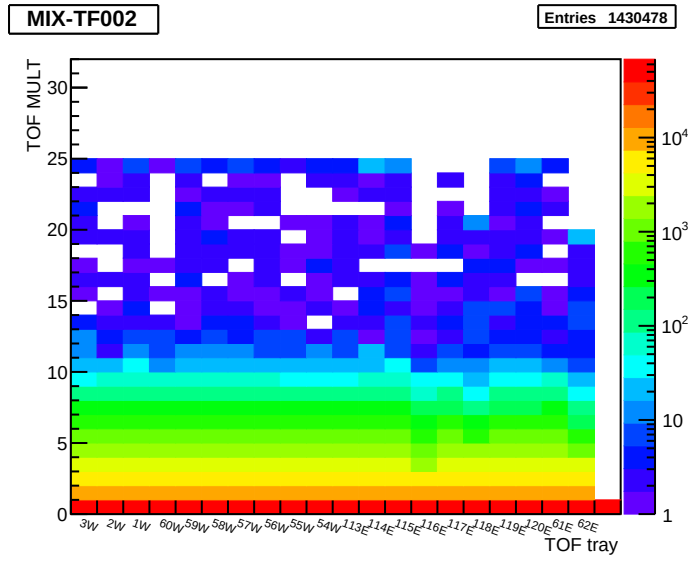

BunchId7Bit (EPD-TAC)
Entries 52903

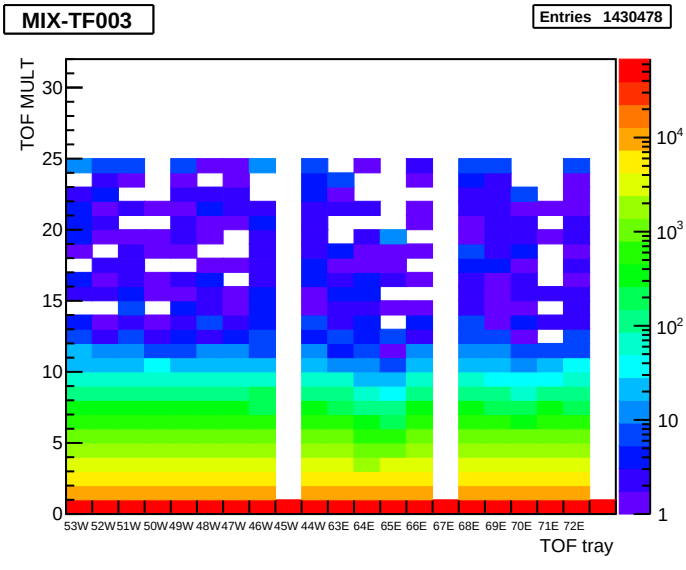

BunchId7Bit (BBC-TAC)
Entries 26527

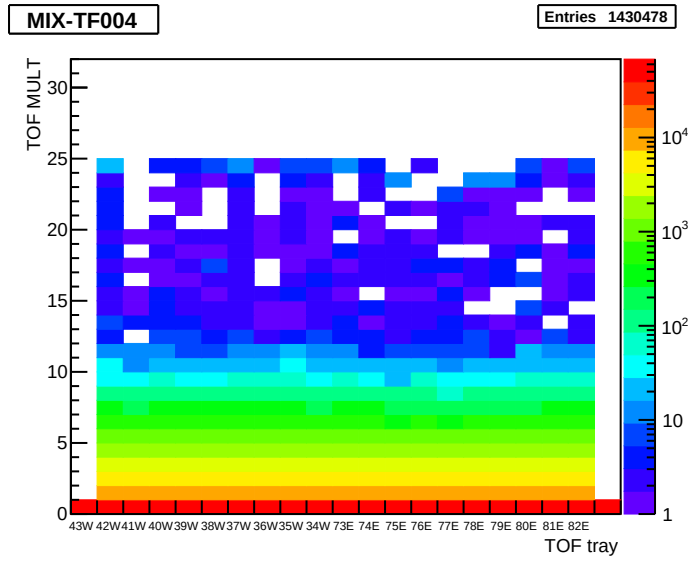

BunchId7Bit (Laser)
Entries 0

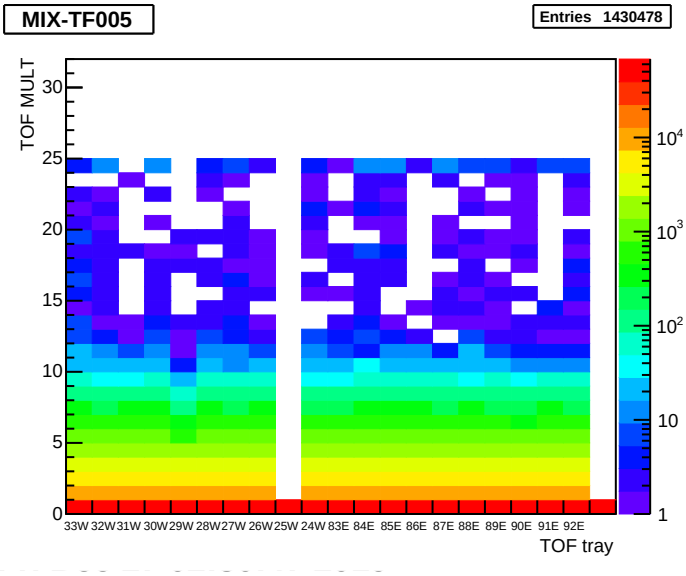

BunchId7Bit (TOFmult window)
Entries 2432

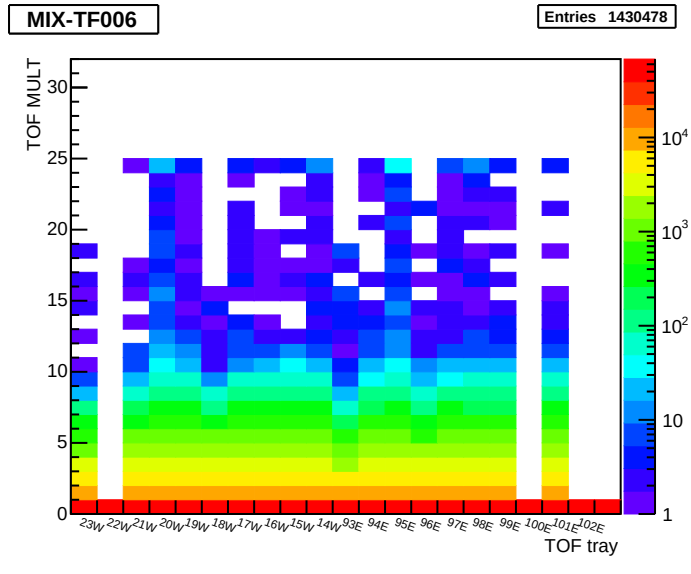

MIX-TF001
Entries 1430478
TOF MULT
TOF tray

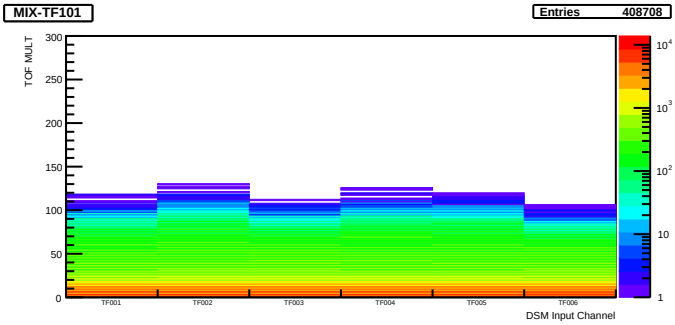

MIX-TF002
Entries 1430478
TOF MULT
TOF tray

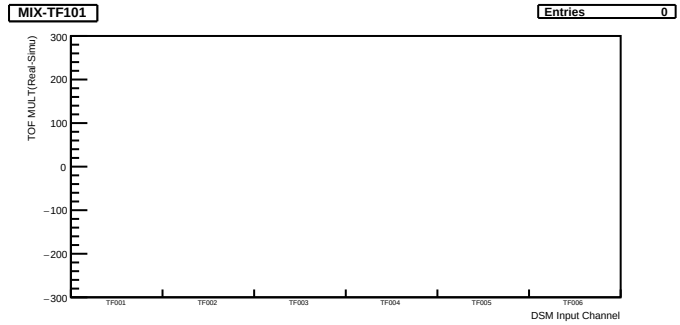

MIX-TF003
Entries 1430478
TOF MULT
TOF tray

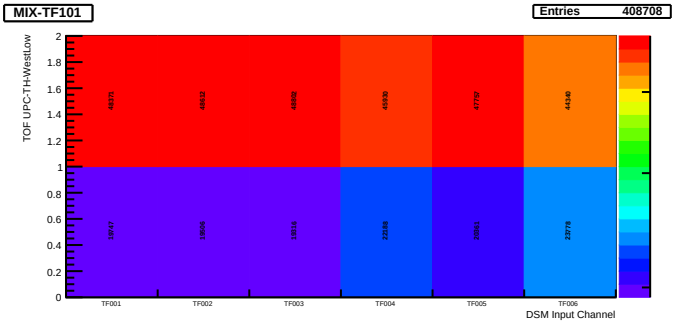

MIX-TF004
Entries 1430478
TOF MULT
TOF tray

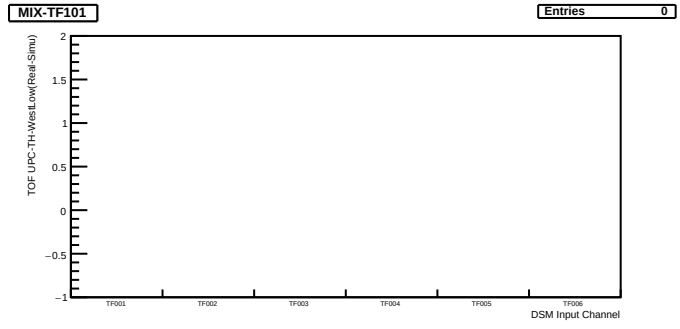

MIX-TF005
Entries 1430478
TOF MULT
TOF tray

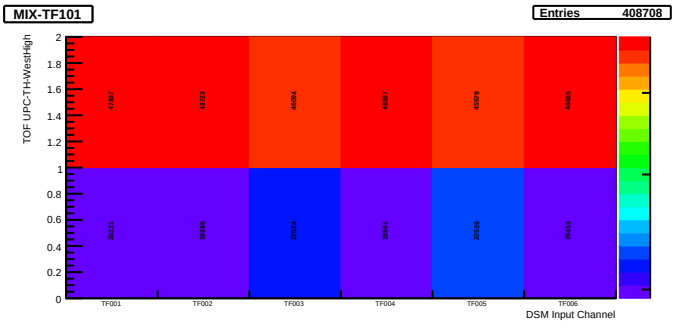

MIX-TF006
Entries 1430478
TOF MULT
TOF tray

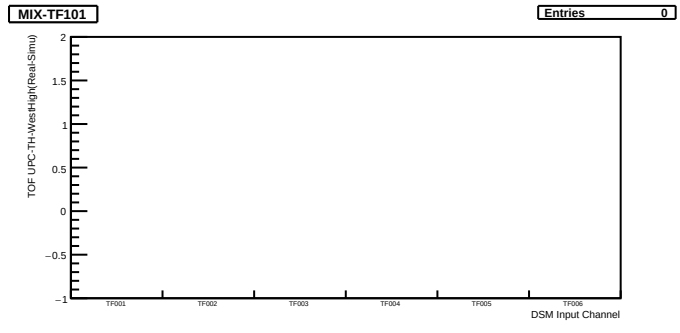

MIX-TF101
Entries 408708
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

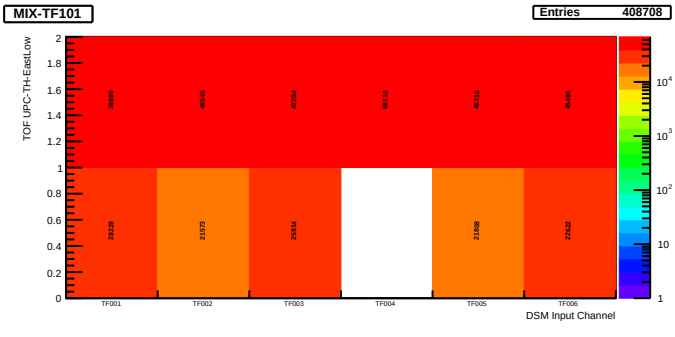

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

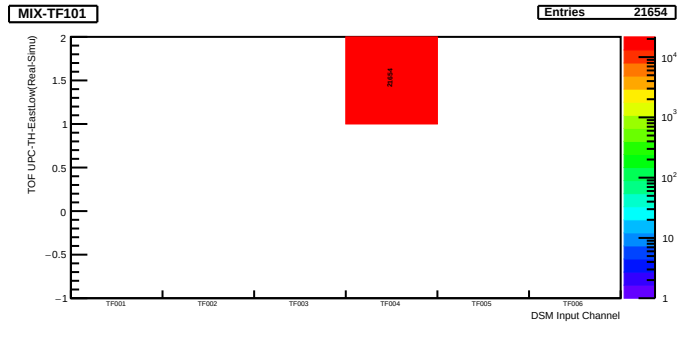

MIX-TF101
Entries 408708
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

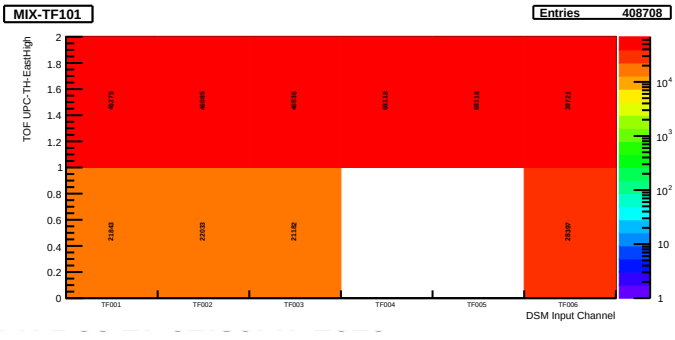

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

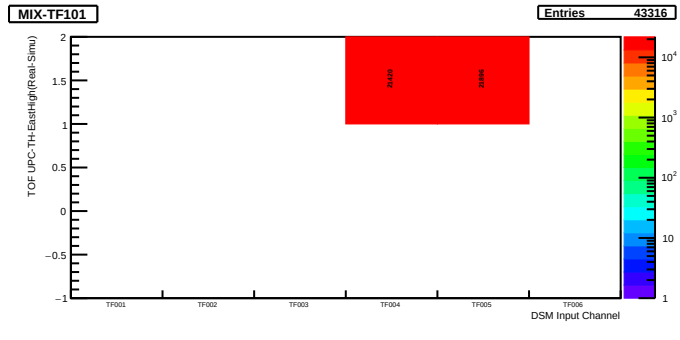

MIX-TF101
Entries 408708
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

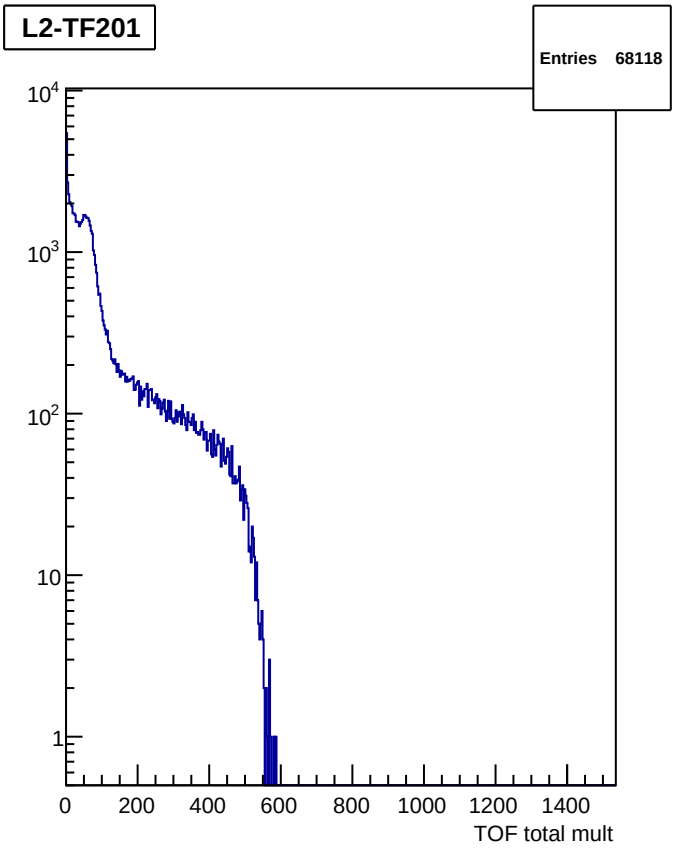

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

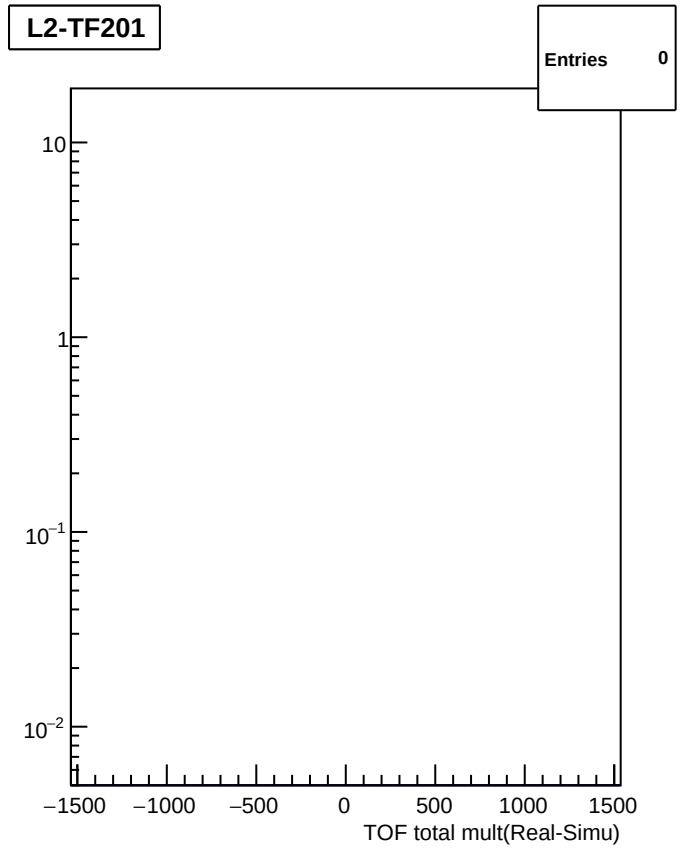

MIX-TF101
Entries 408708
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

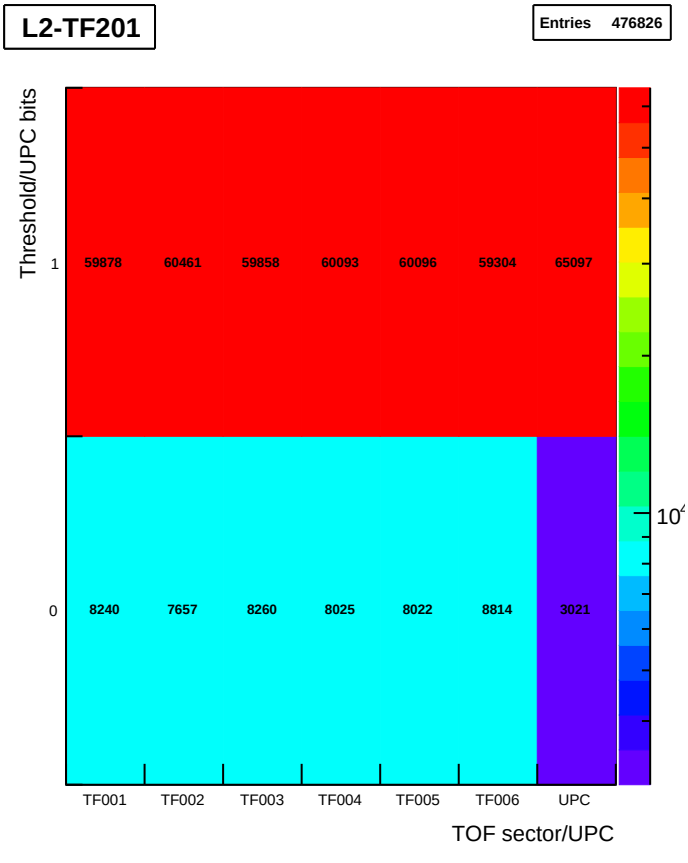

MIX-TF101
Entries 21654
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

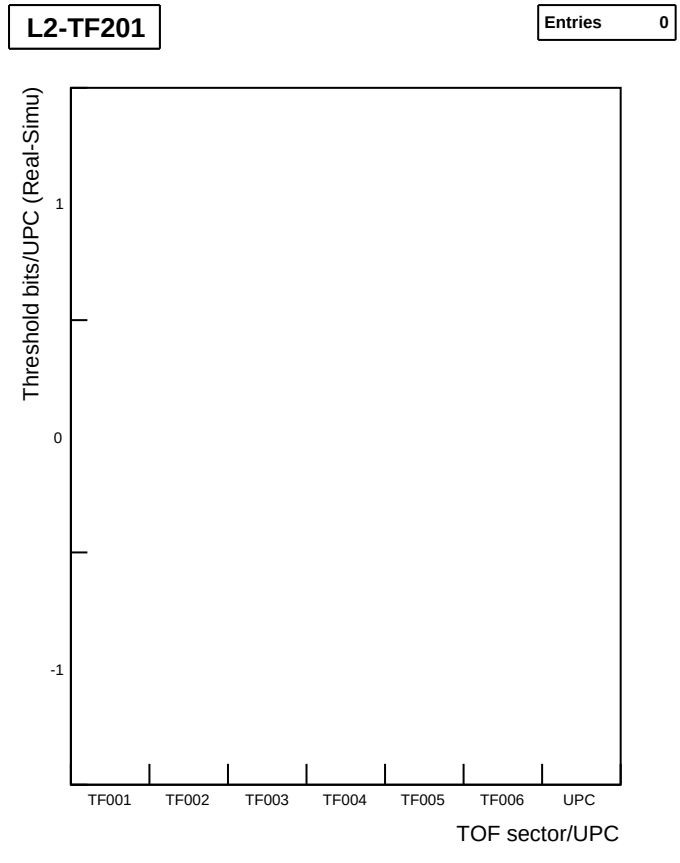

MIX-TF101
Entries 408708
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

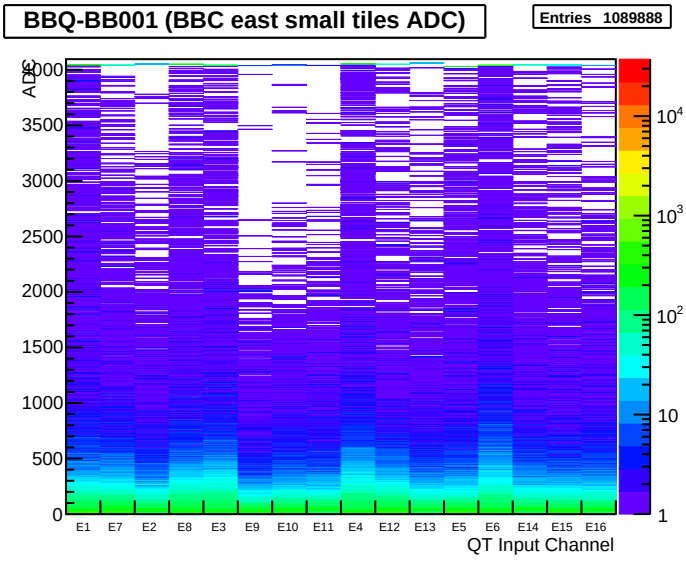

MIX-TF101
Entries 43316
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

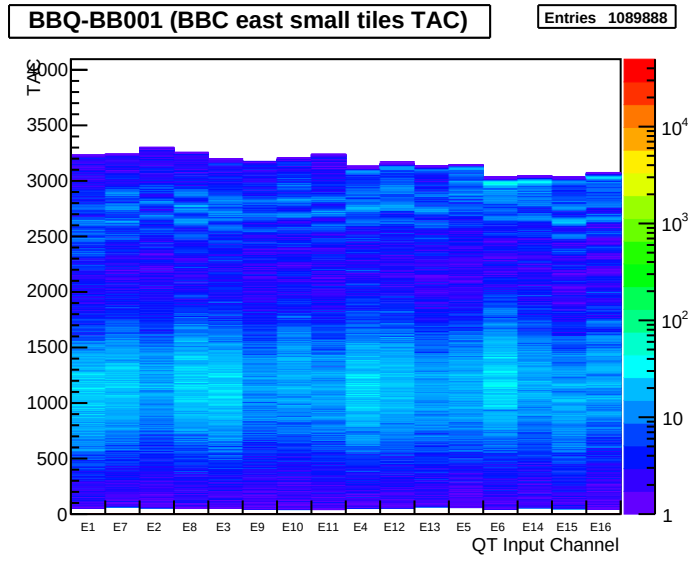

L2-TF201
Entries 68118
TOF total mult

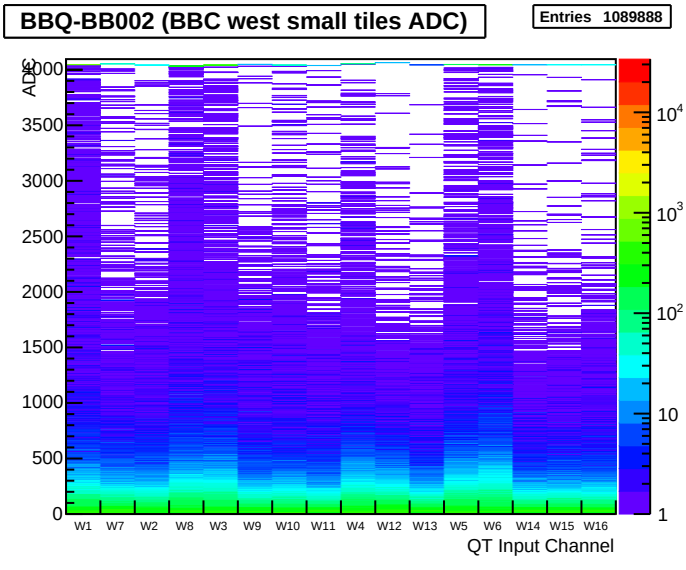

L2-TF201
Entries 0
TOF total mult(Real-Simu)

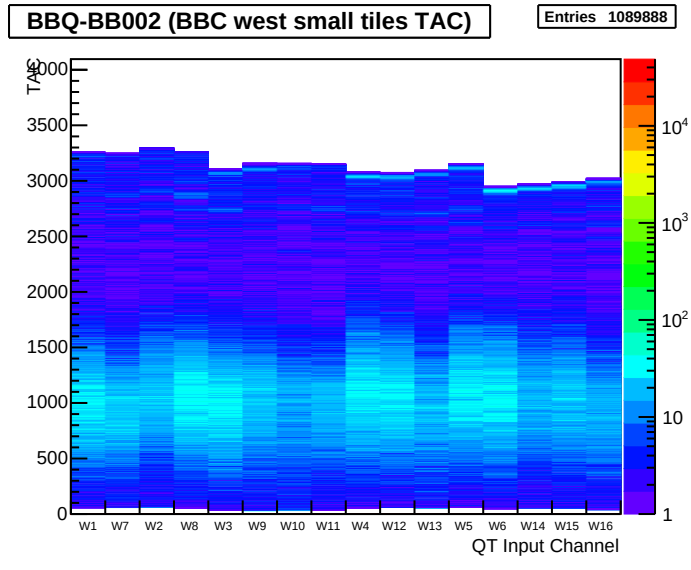

L2-TF201
Entries 476826
Threshold/UPC bits
59878 60461 59858 60093 60096 59304 65097
8240 7657 8260 8025 8022 8814 3021
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

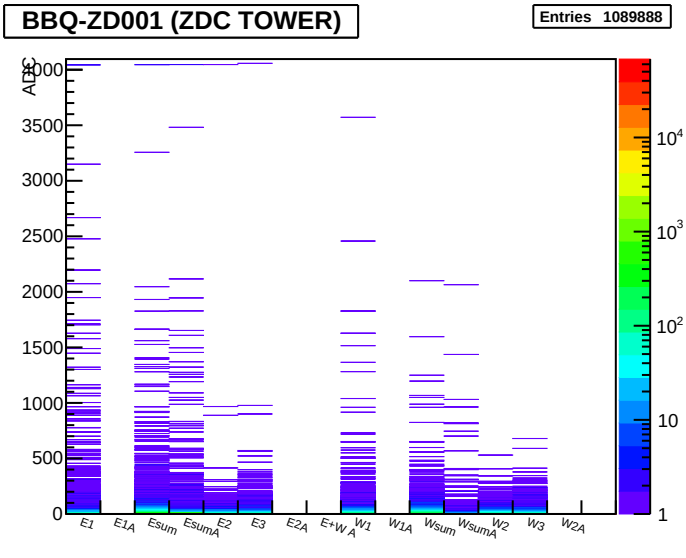

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

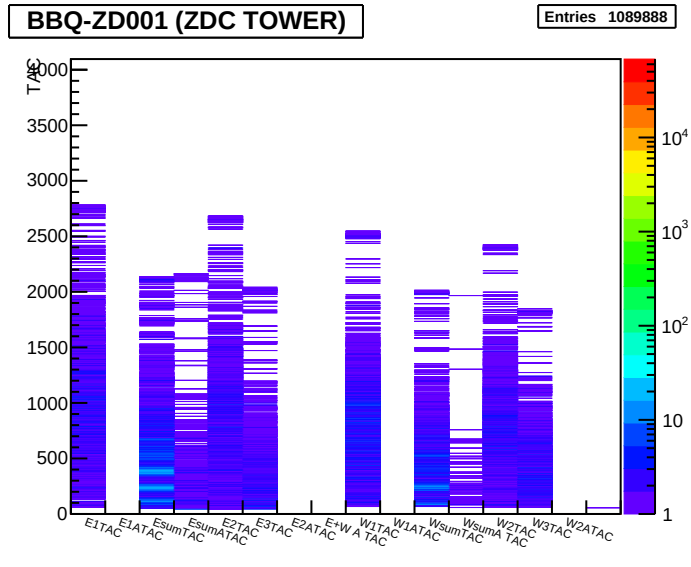

BBQ-BB001 (BBC east small tiles ADC)
Entries 1089888
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

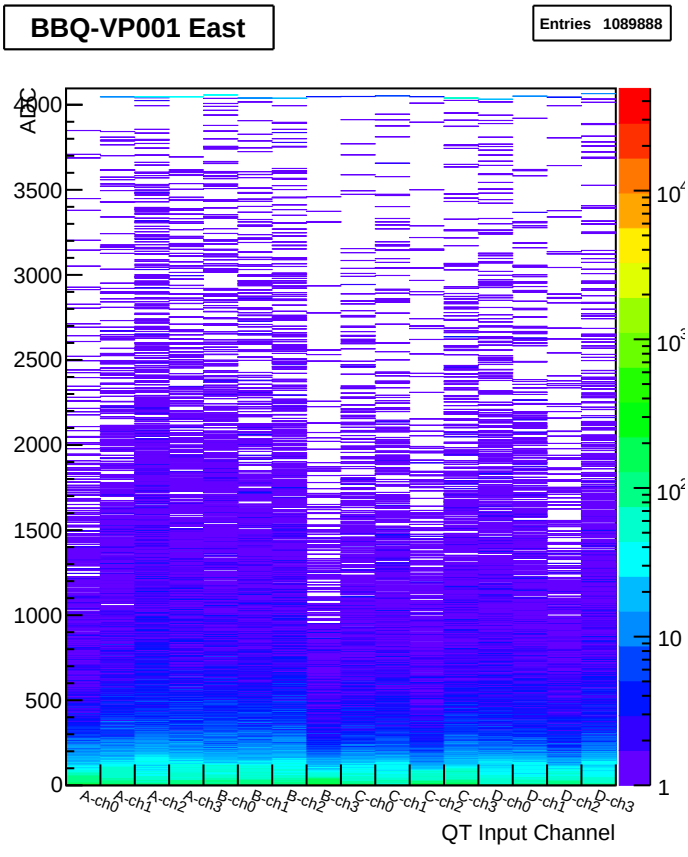

BBQ-BB001 (BBC east small tiles TAC)
Entries 1089888
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

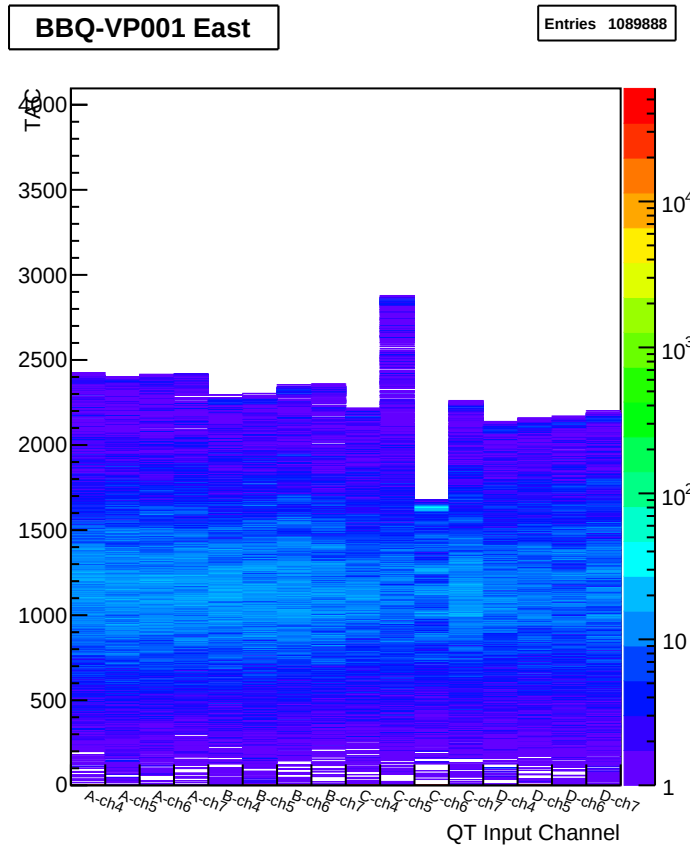

BBQ-BB002 (BBC west small tiles ADC)
Entries 1089888
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

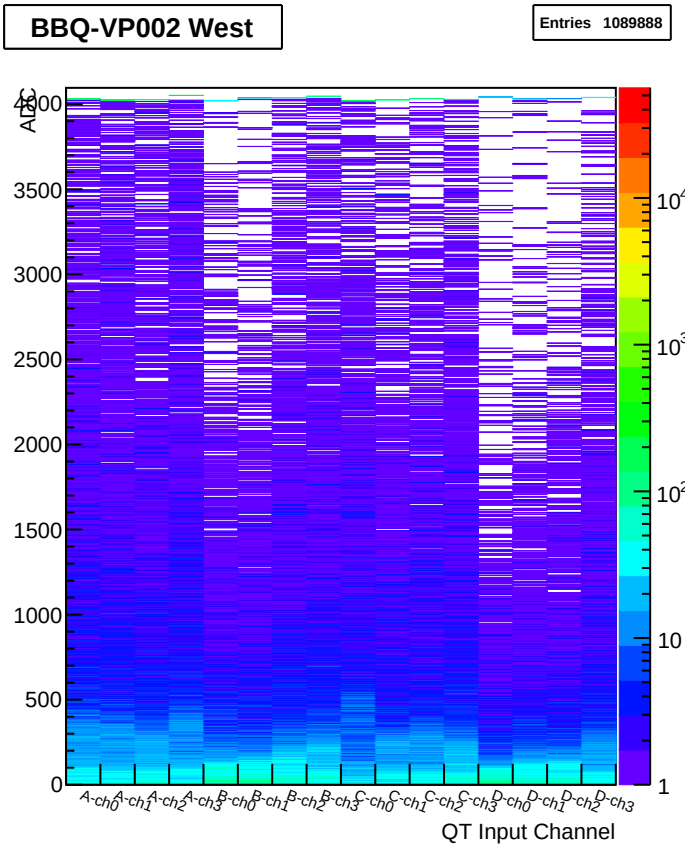

BBQ-BB002 (BBC west small tiles TAC)
Entries 1089888
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

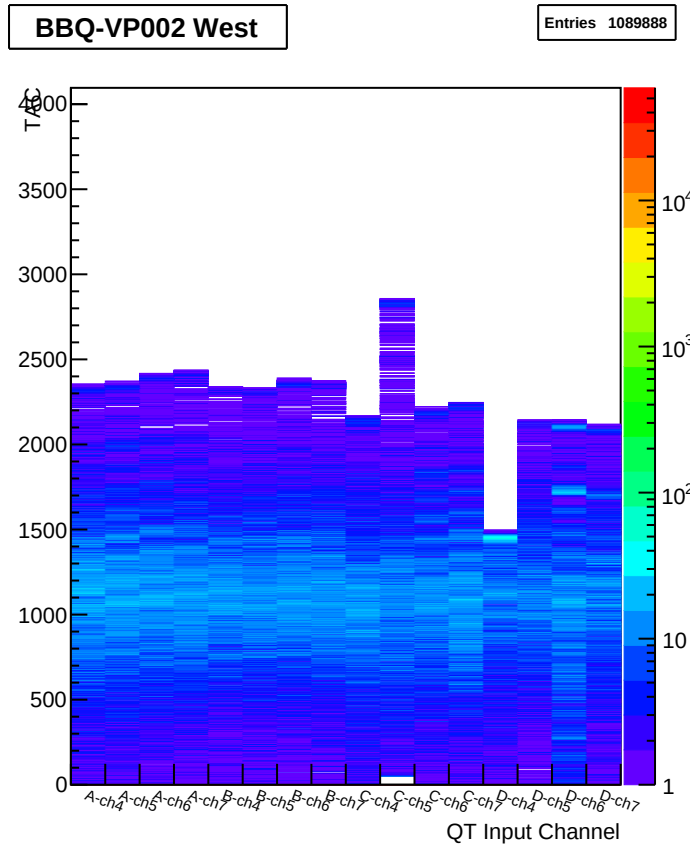

BBQ-ZD001 (ZDC TOWER)
Entries 1089888
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

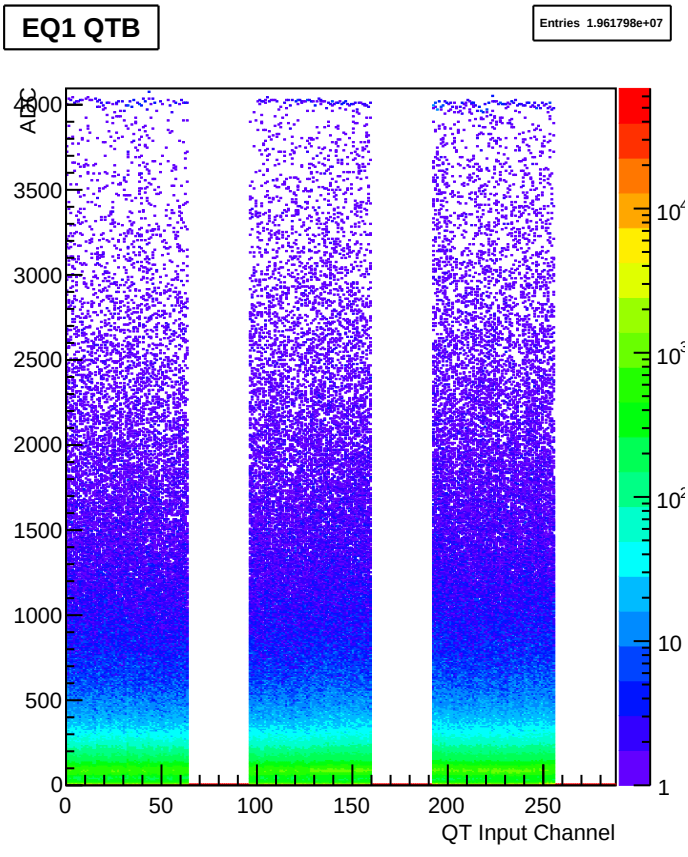

BBQ-ZD001 (ZDC TOWER)
Entries 1089888
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

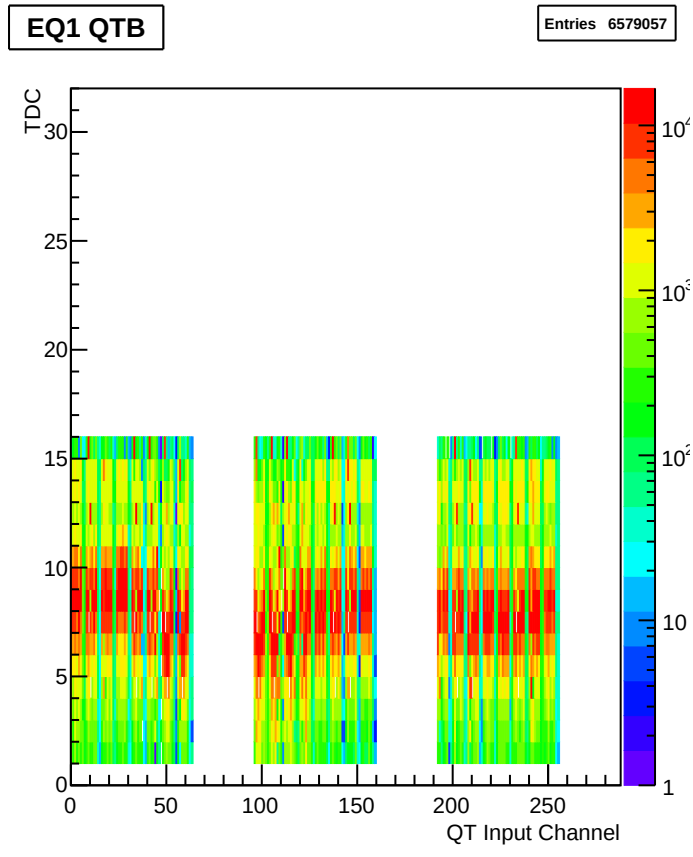

BBQ-VP001 East
Entries 1089888
ADC
QT Input Channel

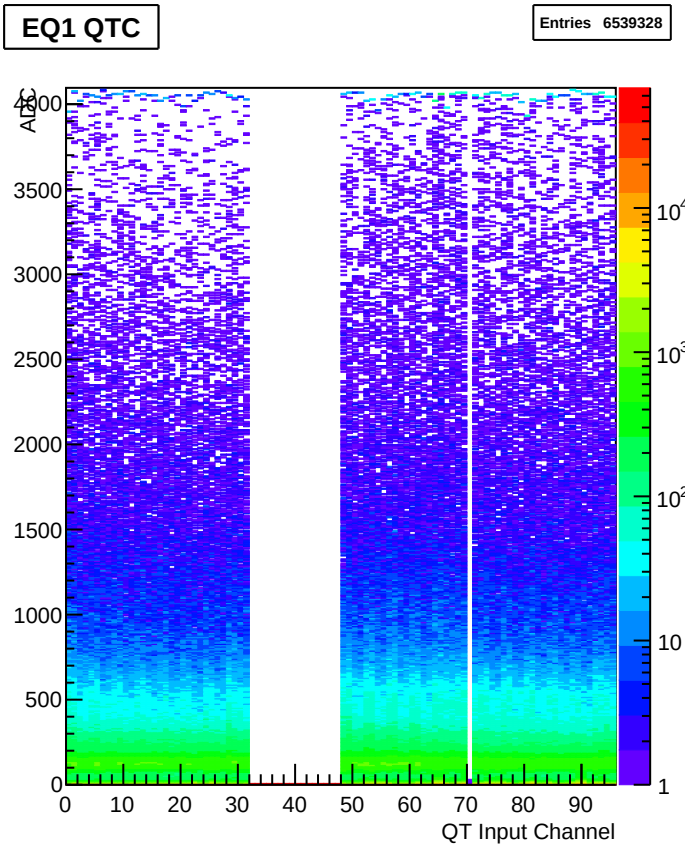

BBQ-VP001 East
Entries 1089888
TADC
QT Input Channel

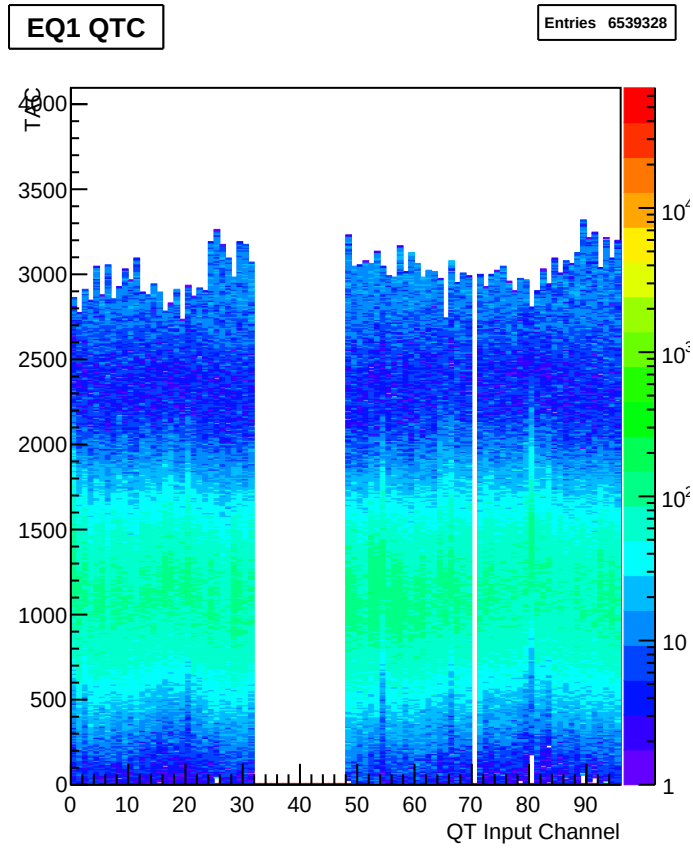

BBQ-VP002 West
Entries 1089888
ADC
QT Input Channel

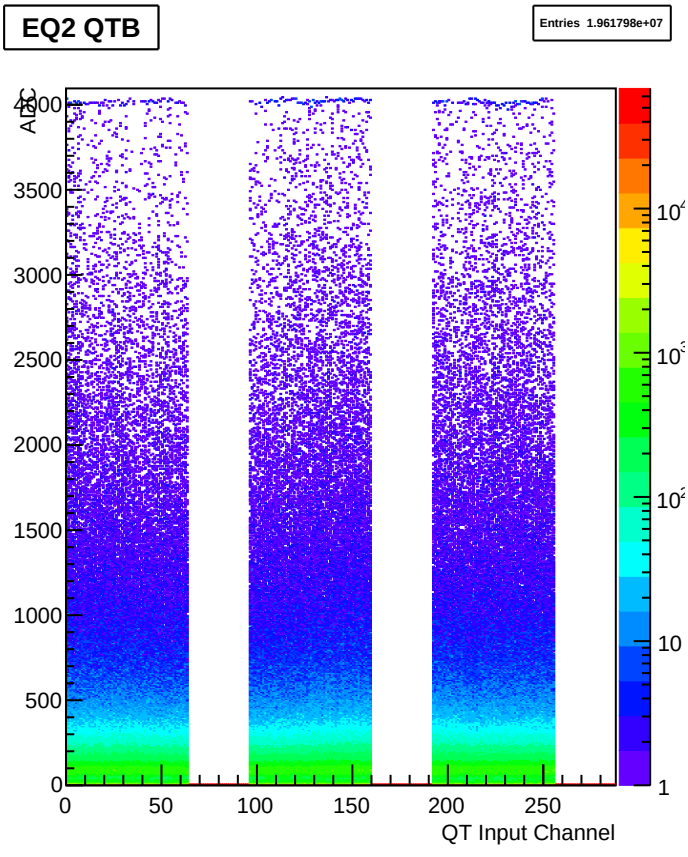

BBQ-VP002 West
Entries 1089888
TADC
QT Input Channel

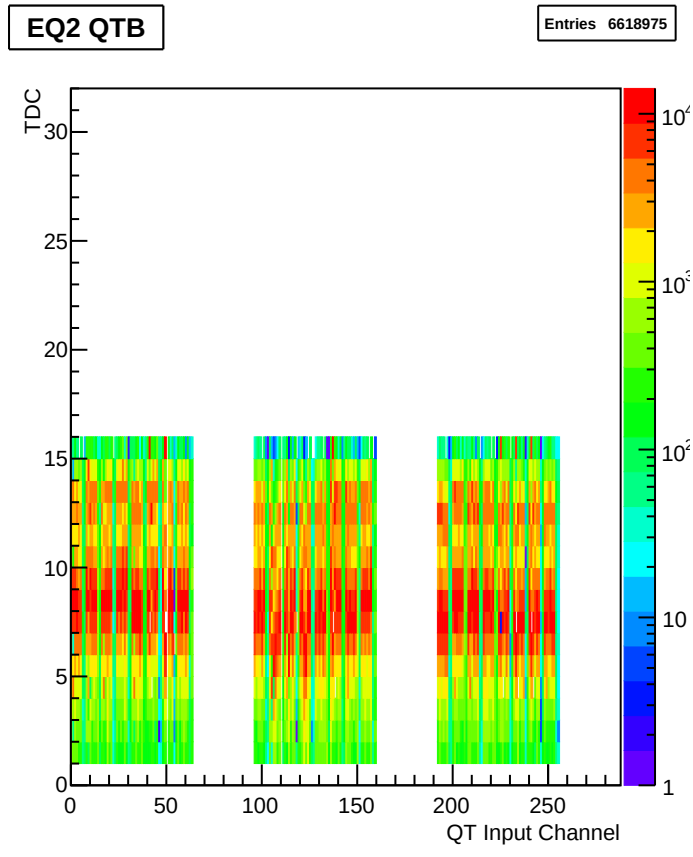

EQ1 QTB
Entries 1.961798e+07
ADC
QT Input Channel

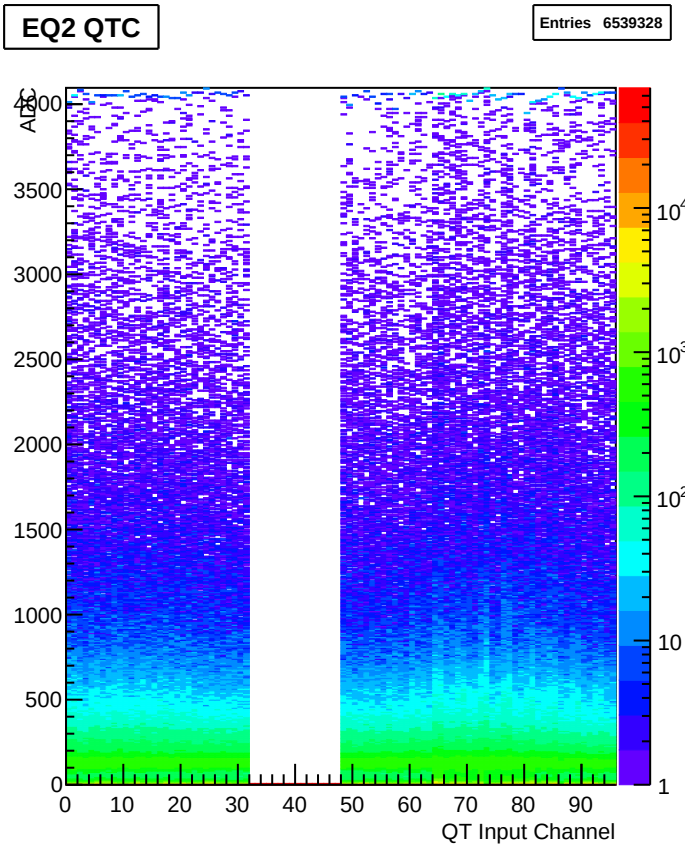

EQ1 QTB
Entries 6579057
TDC
QT Input Channel

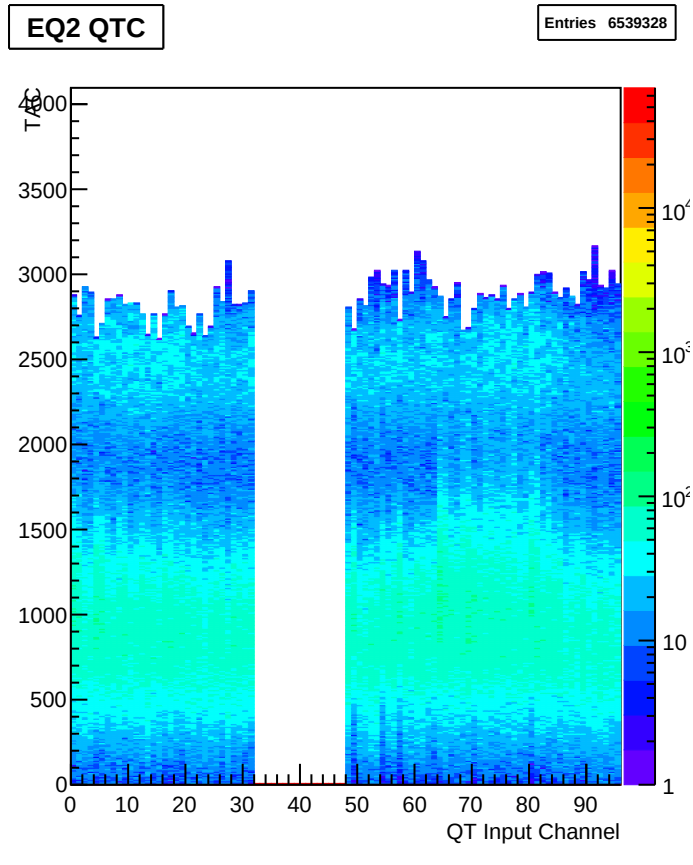

EQ1 QTC
Entries 6539328
ADC
QT Input Channel

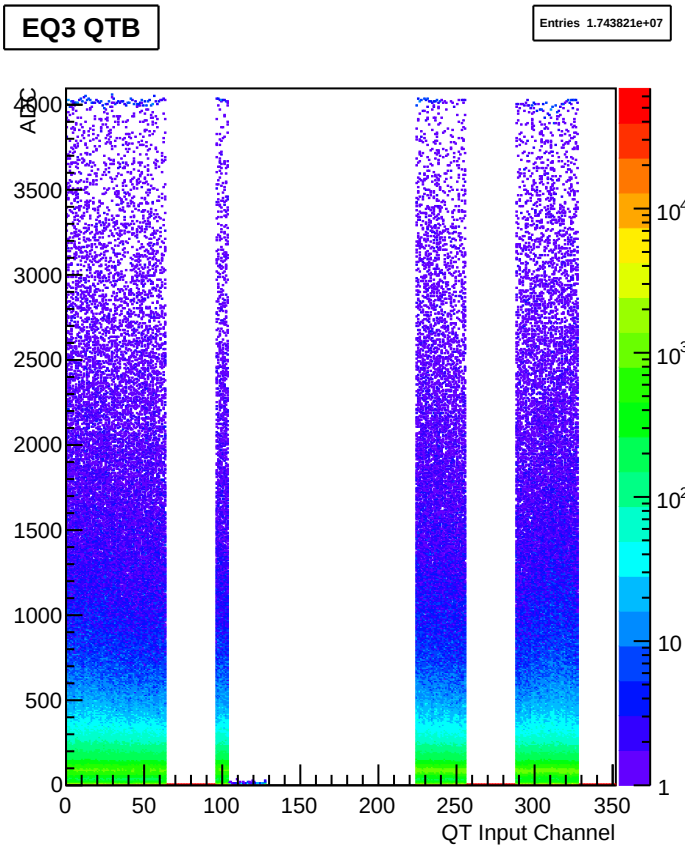

EQ1 QTC
Entries 6539328
TADC
QT Input Channel

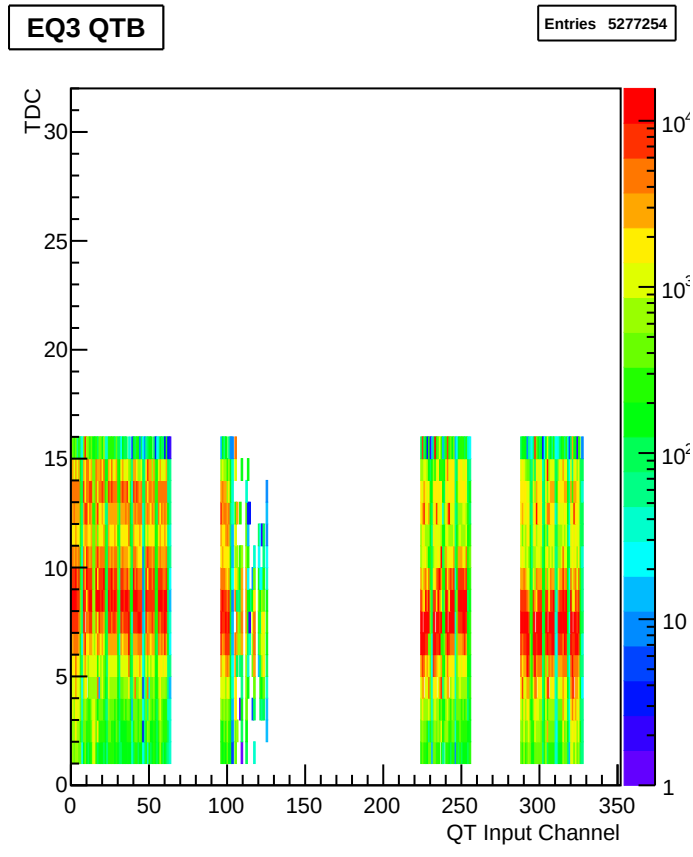

EQ2 QTB
Entries 1.961798e+07
ADC
QT Input Channel

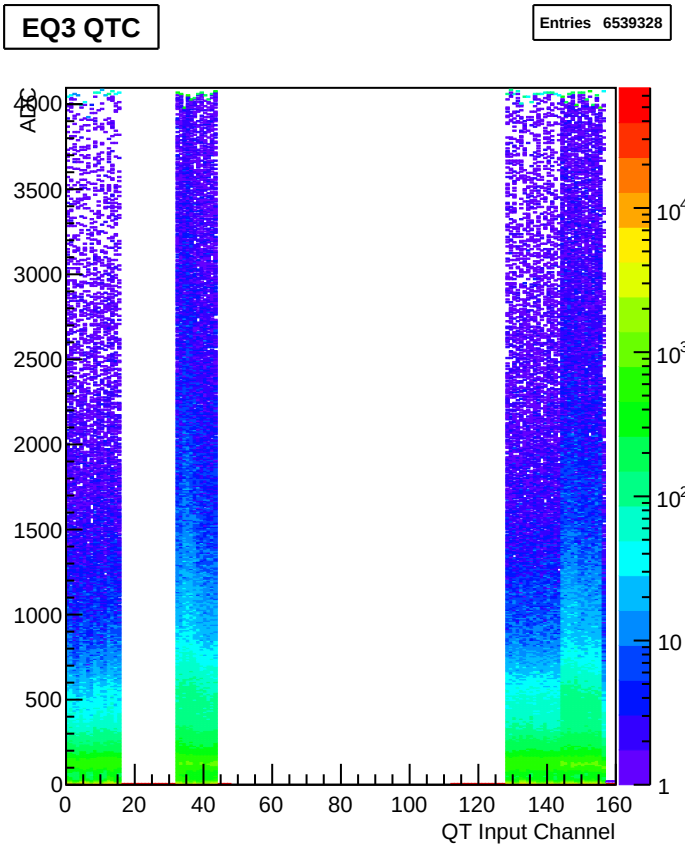

EQ2 QTB
Entries 6618975
TDC
QT Input Channel

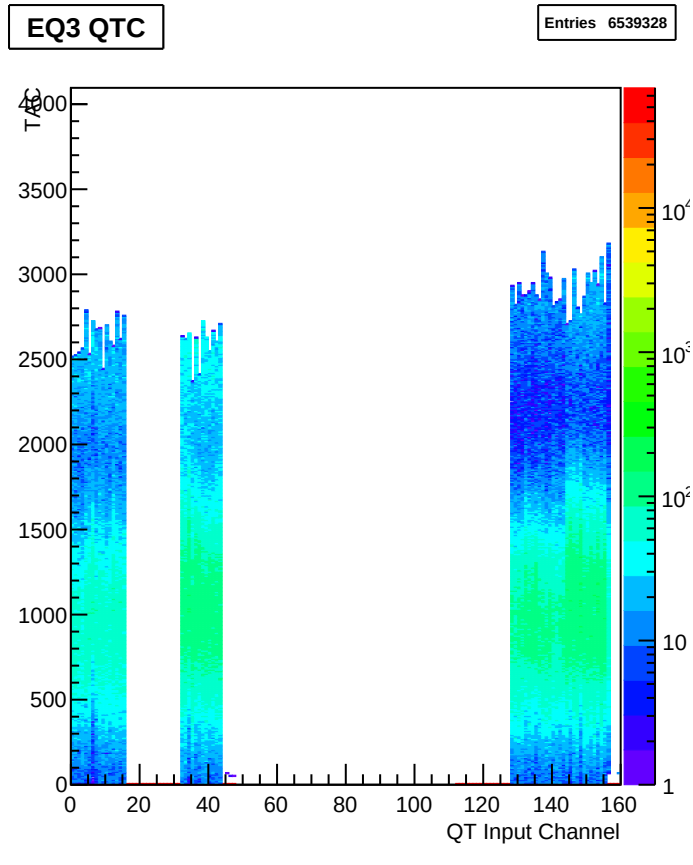

EQ2 QTC
Entries 6539328
ADC
QT Input Channel

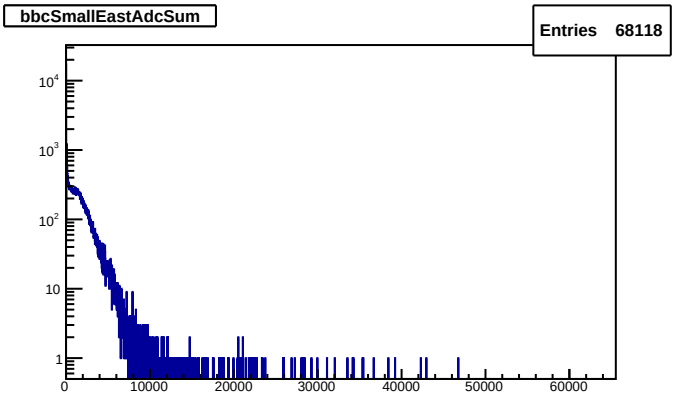

EQ2 QTC
Entries 6539328
TADC
QT Input Channel

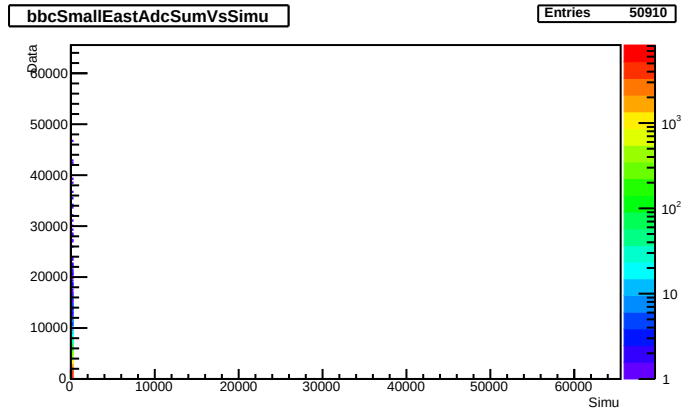

EQ3 QTB
Entries 1.743821e+07
ADC
QT Input Channel

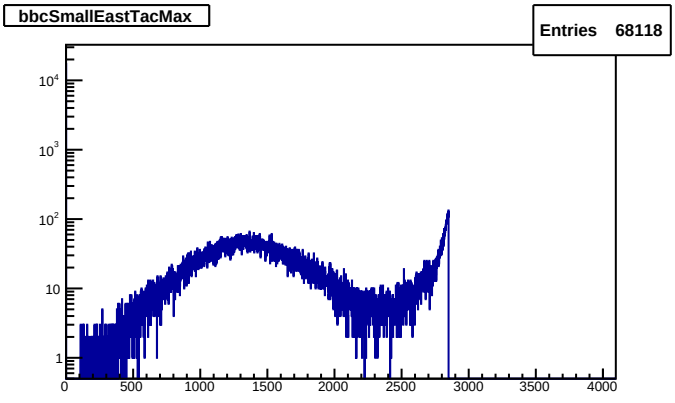

EQ3 QTB
Entries 5277254
TDC
QT Input Channel

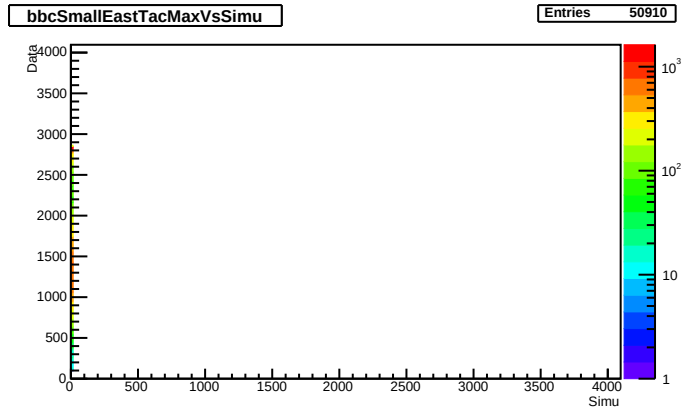

EQ3 QTC
Entries 6539328
ADC
QT Input Channel

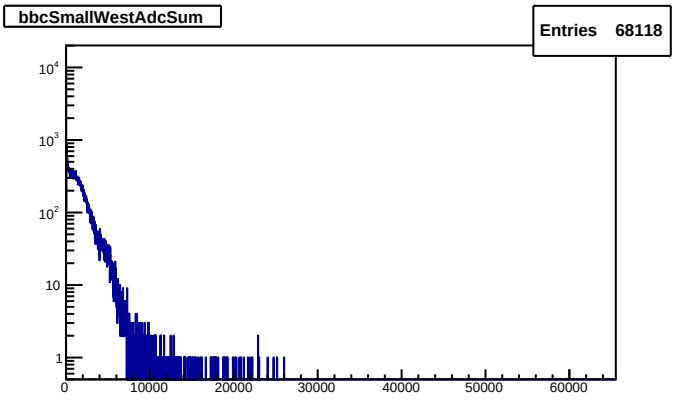

EQ3 QTC
Entries 6539328
TADC
QT Input Channel

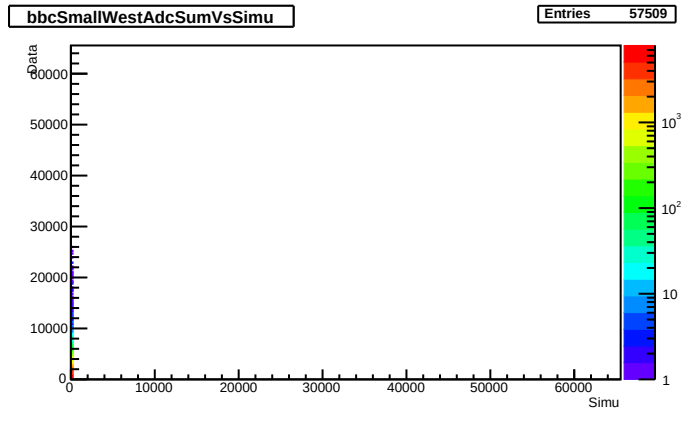

bbcSmallEastAdcSum
Entries 68118

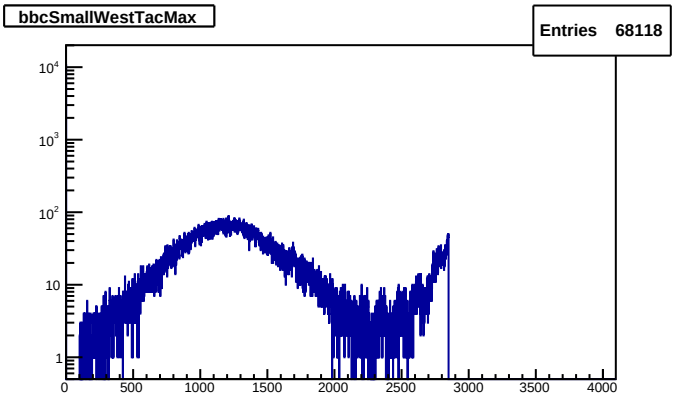

bbcSmallEastAdcSumVsSimu
Entries 50910
Data
Simu

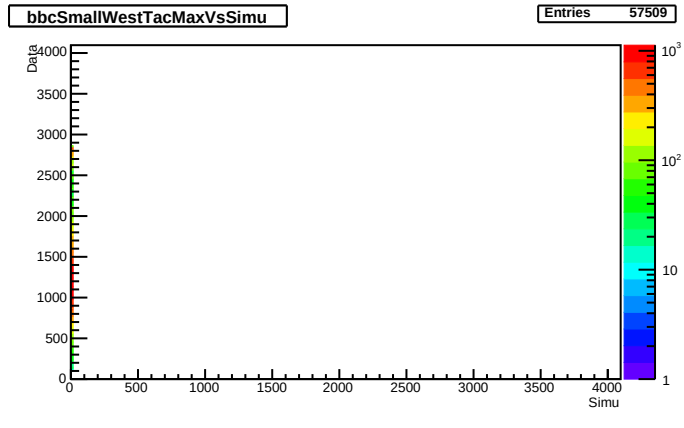

bbcSmallEastTacMax
Entries 68118

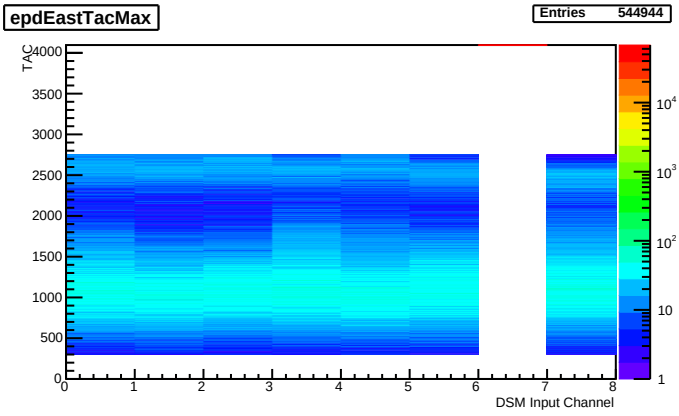

bbcSmallEastTacMaxVsSimu
Entries 50910
Data
Simu

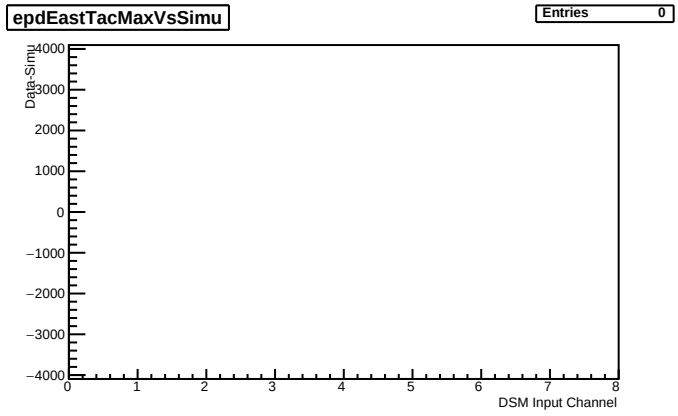

bbcSmallWestAdcSum
Entries 68118

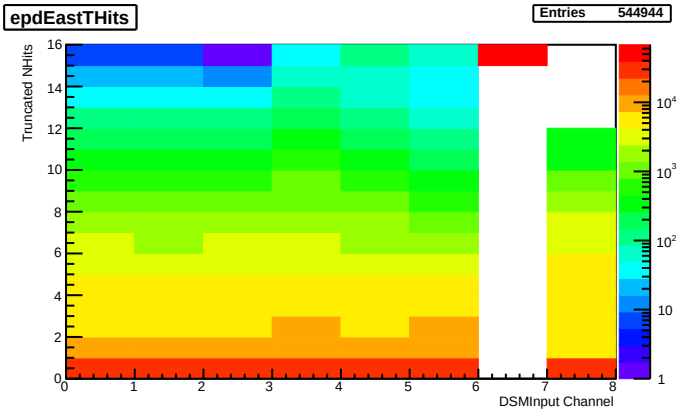

bbcSmallWestAdcSumVsSimu
Entries 57509
Data
Simu

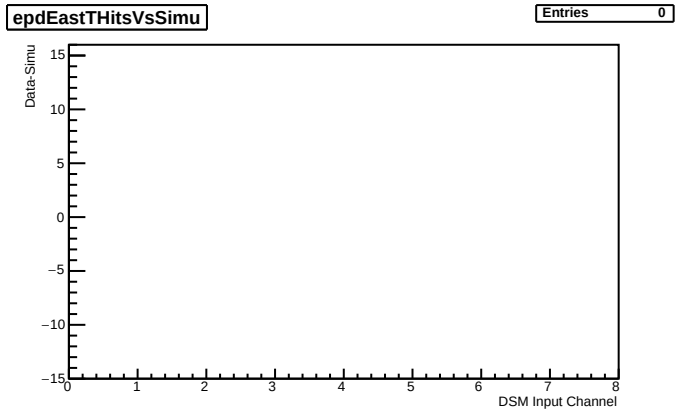

bbcSmallWestTacMax
Entries 68118

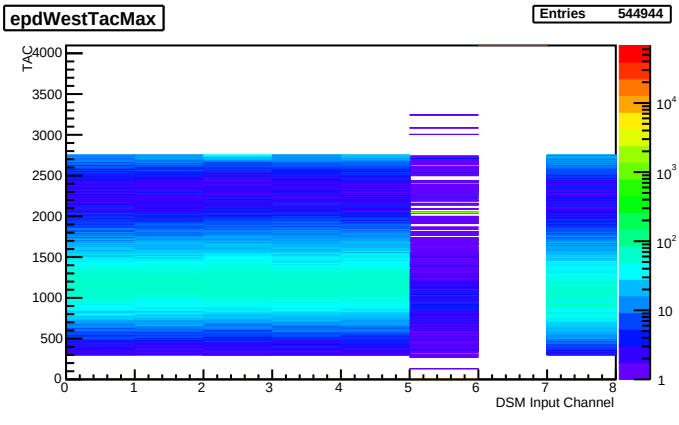

bbcSmallWestTacMaxVsSimu
Entries 57509
Data
Simu

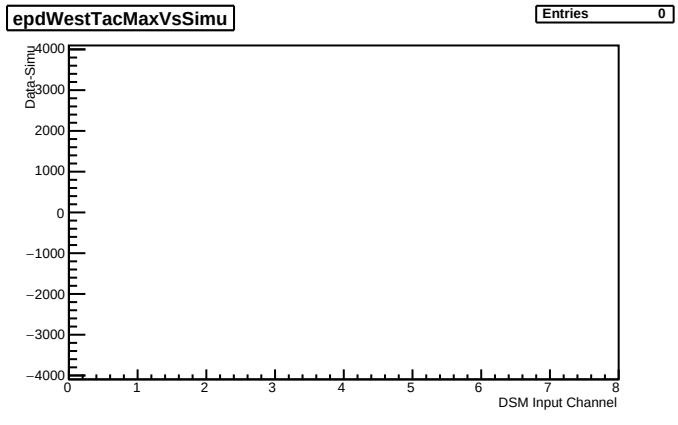

epdEastTacMax
Entries 544944
TAC
DSM Input Channel

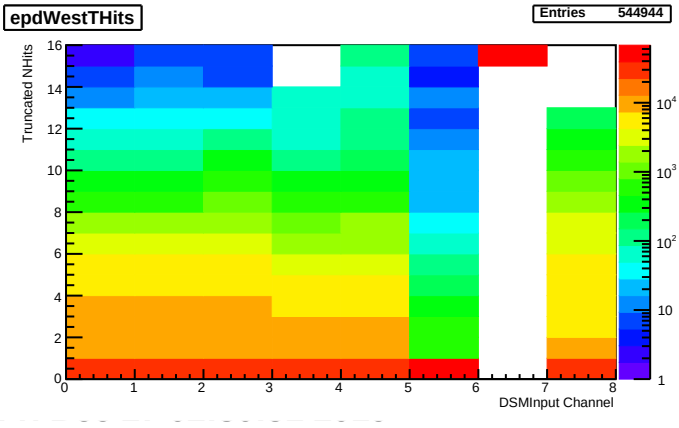

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

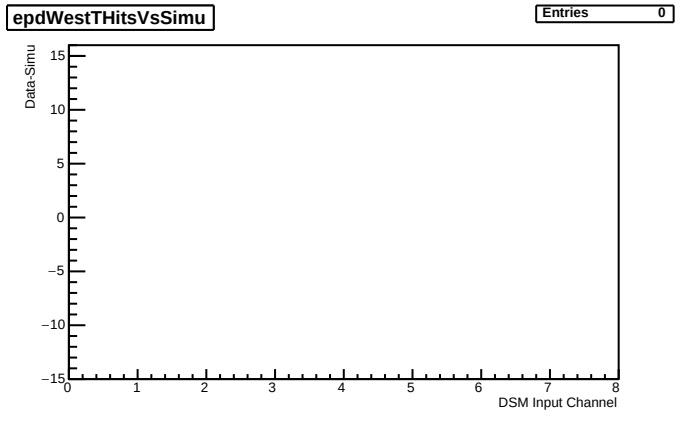

epdEastTHits
Entries 544944
Truncated NHits
DSMInput Channel

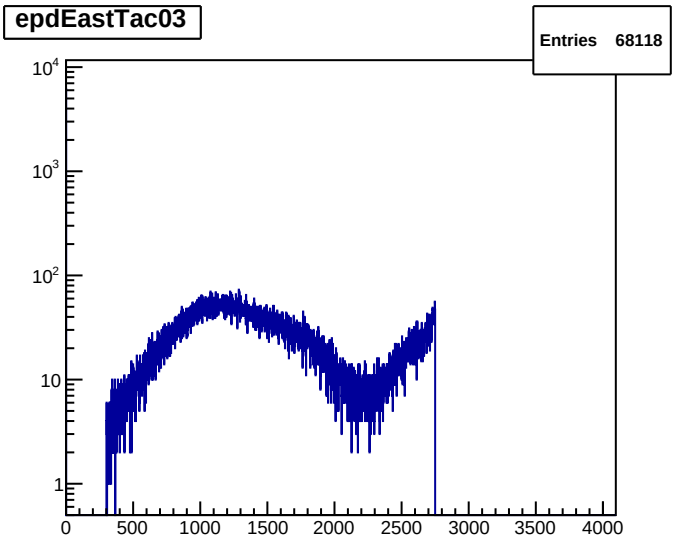

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

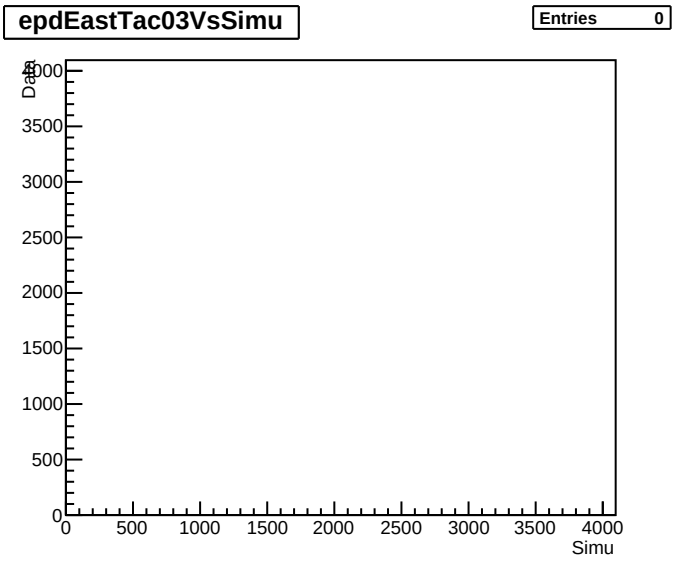

epdWestTacMax
Entries 544944
TAC
DSM Input Channel

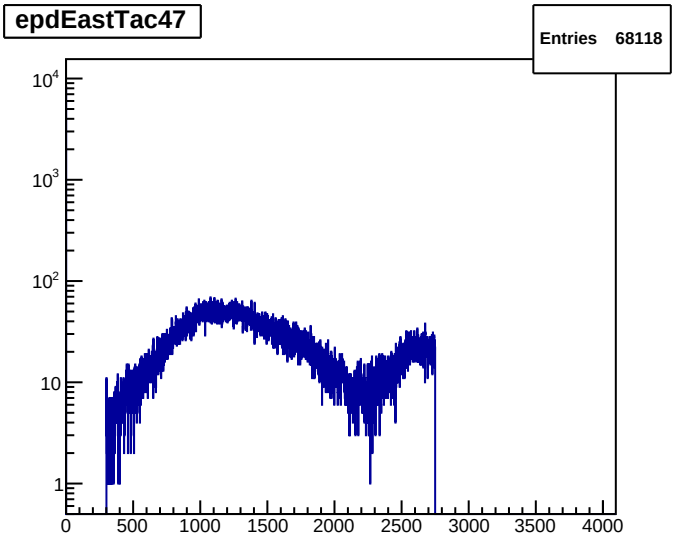

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

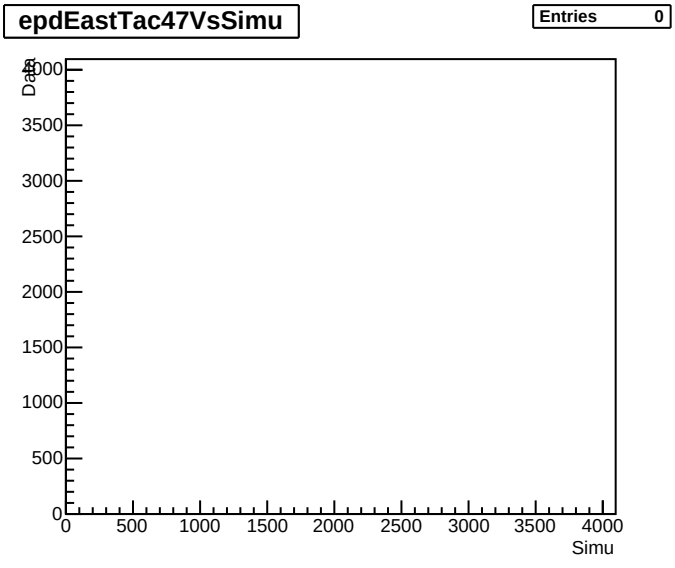

epdWestTHits
Entries 544944
Truncated NHits
DSMInput Channel

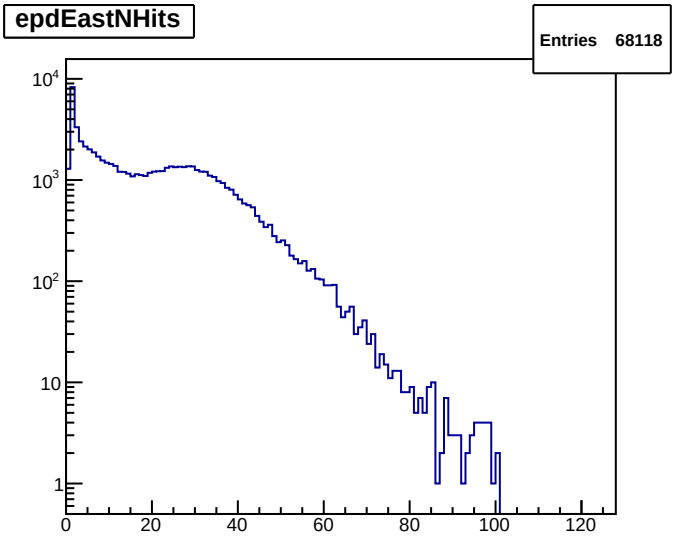

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

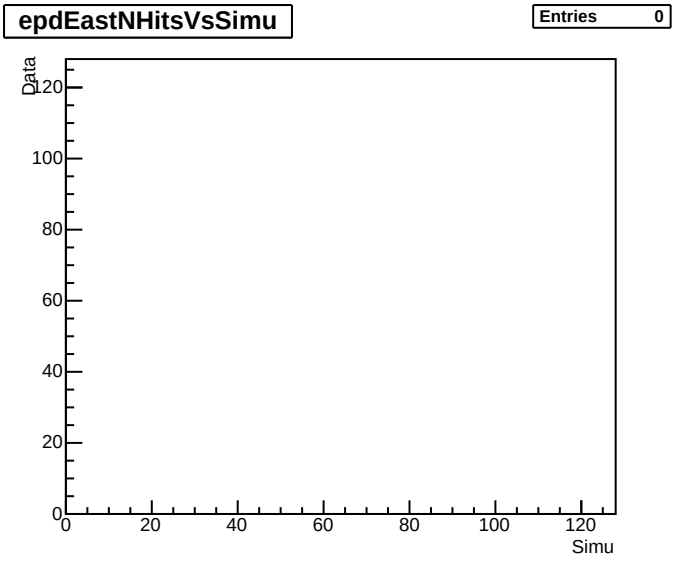

epdEastTac03
Entries 68118

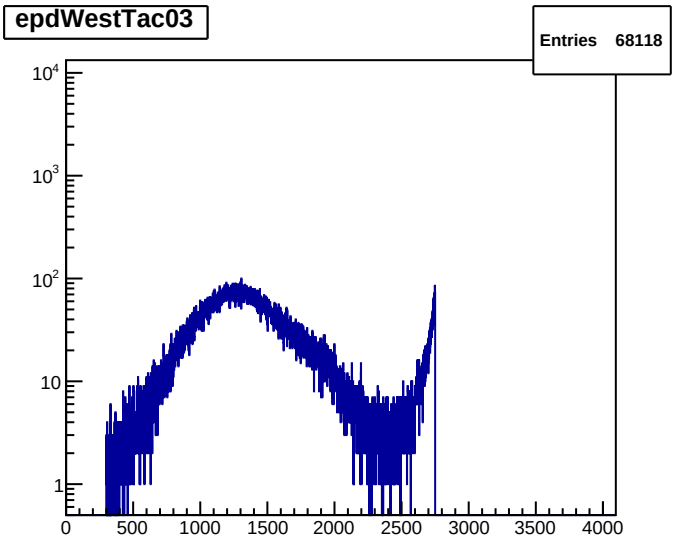

epdEastTac03VsSimu
Entries 0
Data
Simu

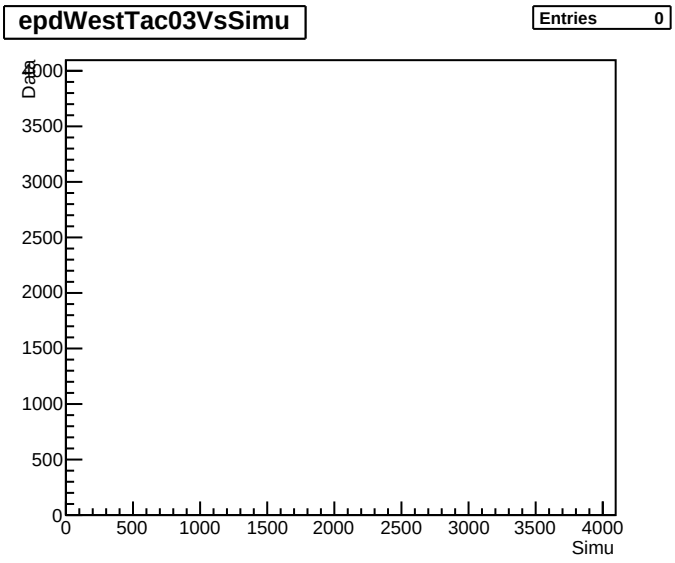

epdEastTac47
Entries 68118

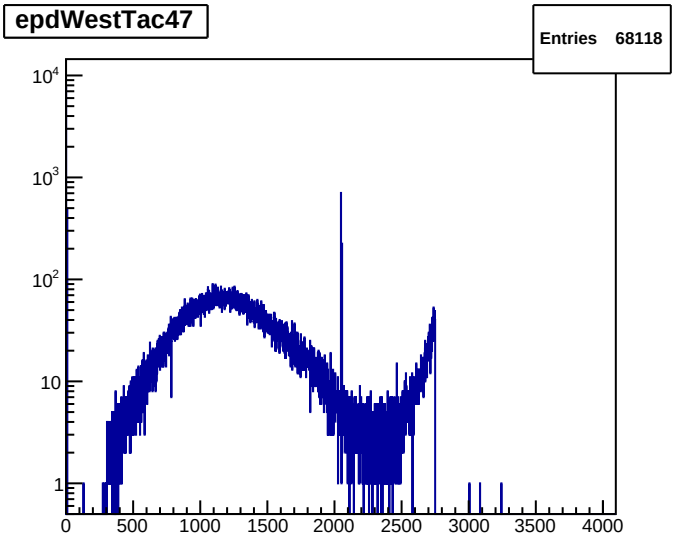

epdEastTac47VsSimu
Entries 0
Data
Simu

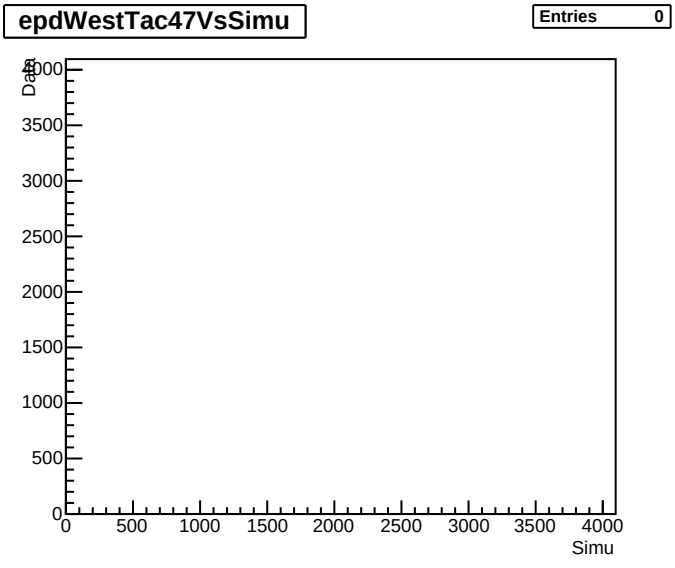

epdEastNHits
Entries 68118

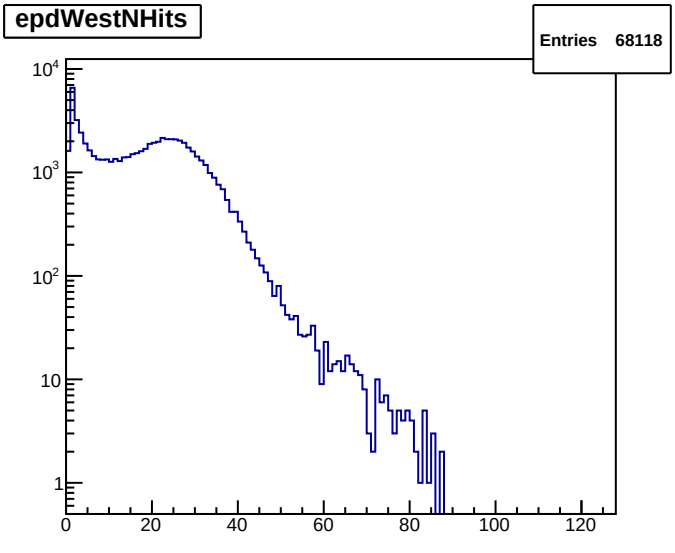

epdEastNHitsVsSimu
Entries 0
Data
Simu

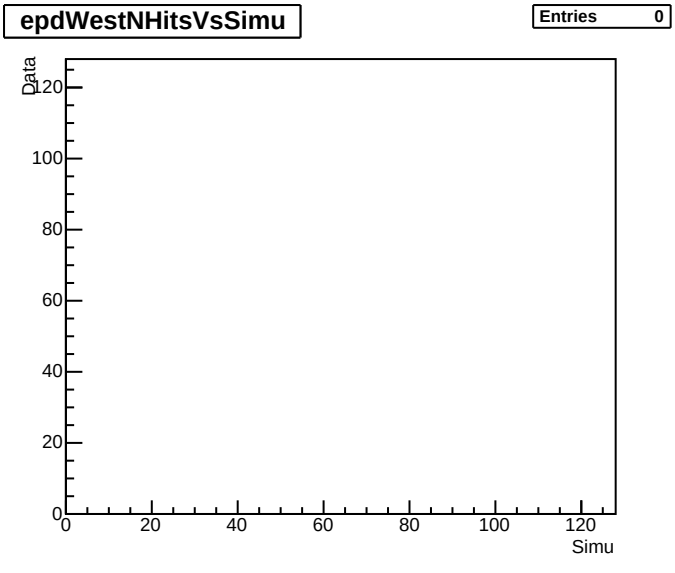

epdWestTac03
Entries 68118

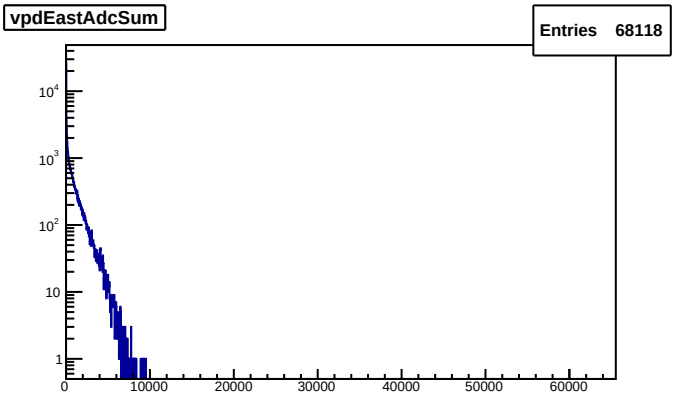

epdWestTac03VsSimu
Entries 0
Data
Simu

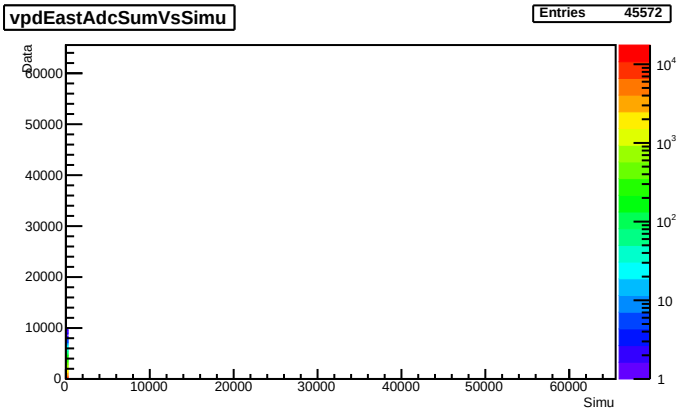

epdWestTac47
Entries 68118

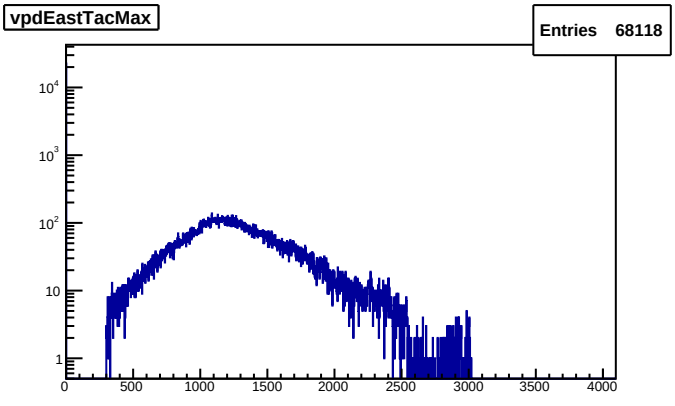

epdWestTac47VsSimu
Entries 0
Data
Simu

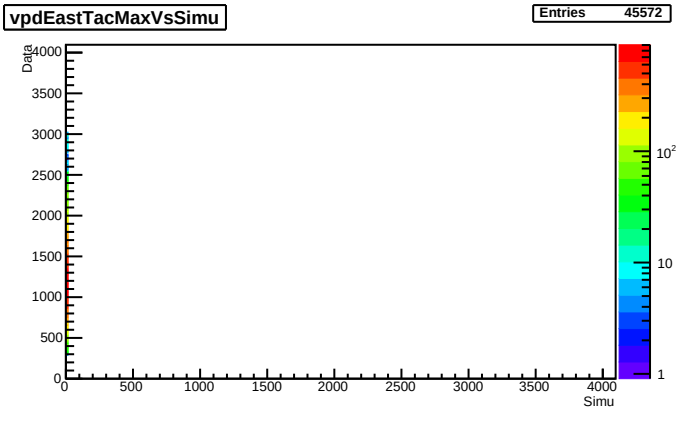

epdWestNHits
Entries 68118

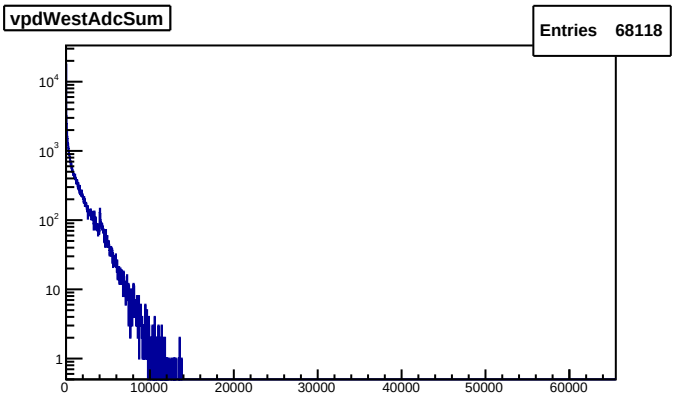

epdWestNHitsVsSimu
Entries 0
Data
Simu

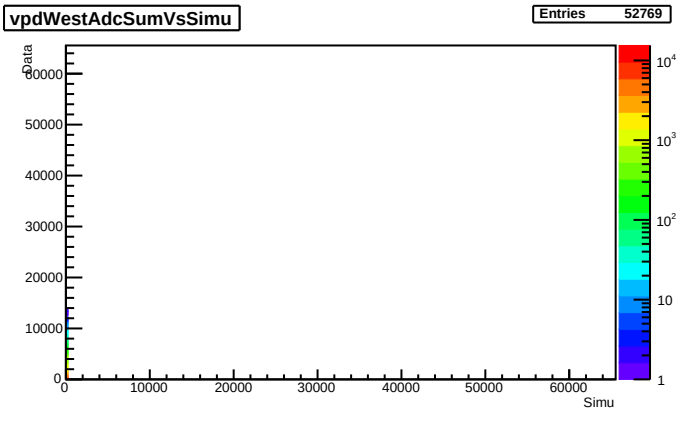

vpdEastAdcSum
Entries 68118

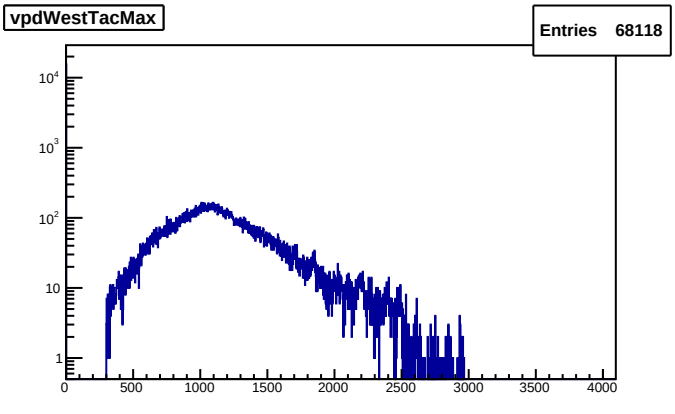

vpdEastAdcSumVsSimu
Entries 45572
Data
Simu

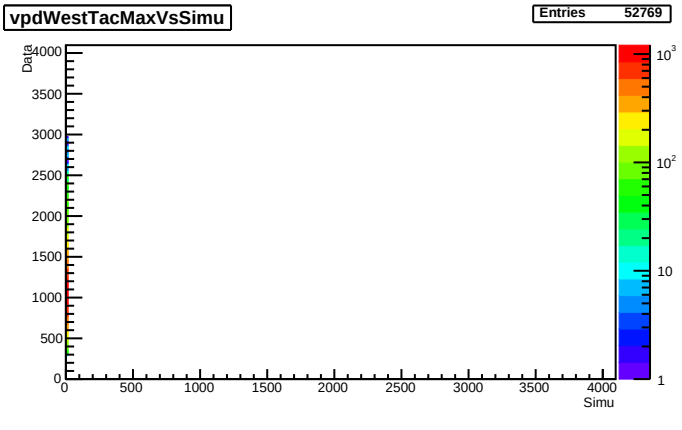

vpdEastTacMax
Entries 68118

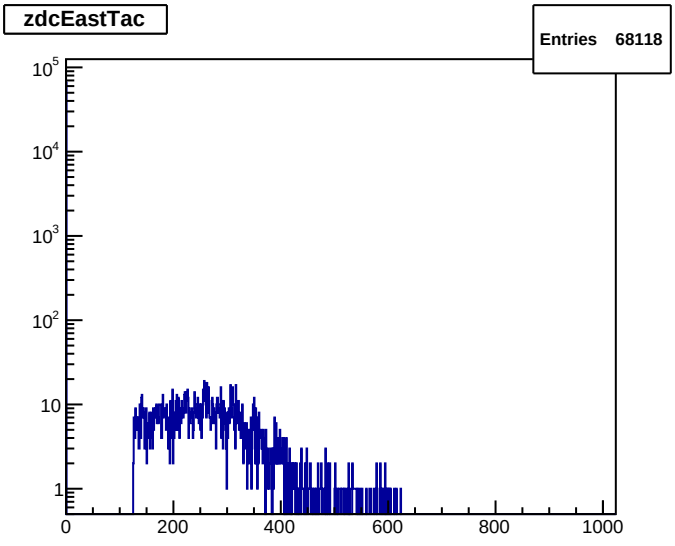

vpdEastTacMaxVsSimu
Entries 45572
Data
Simu

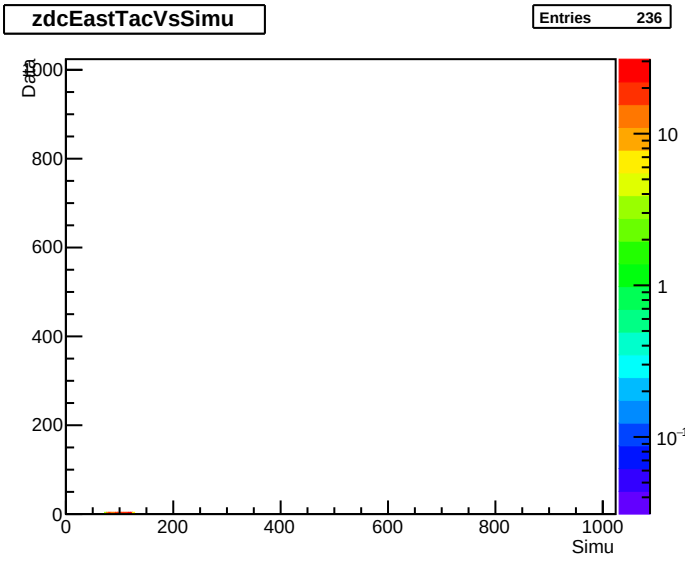

vpdWestAdcSum
Entries 68118

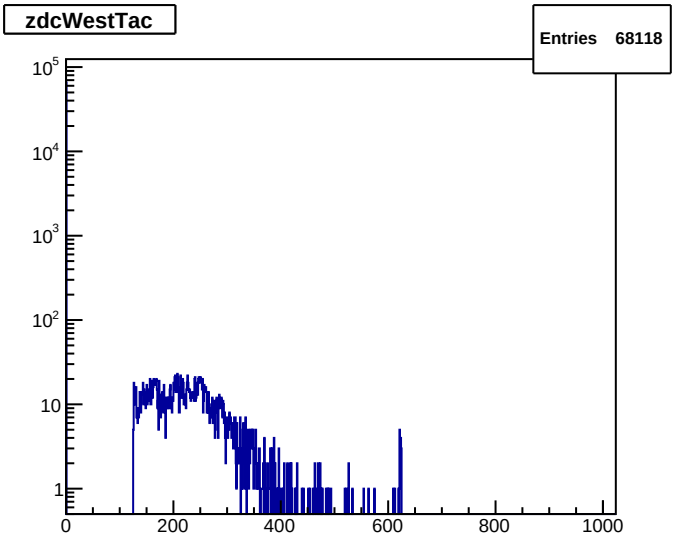

vpdWestAdcSumVsSimu
Entries 52769
Data
Simu

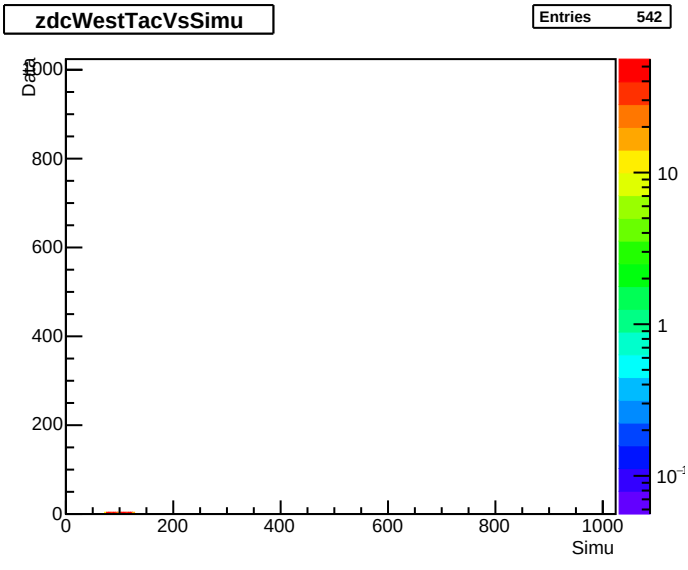

vpdWestTacMax
Entries 68118

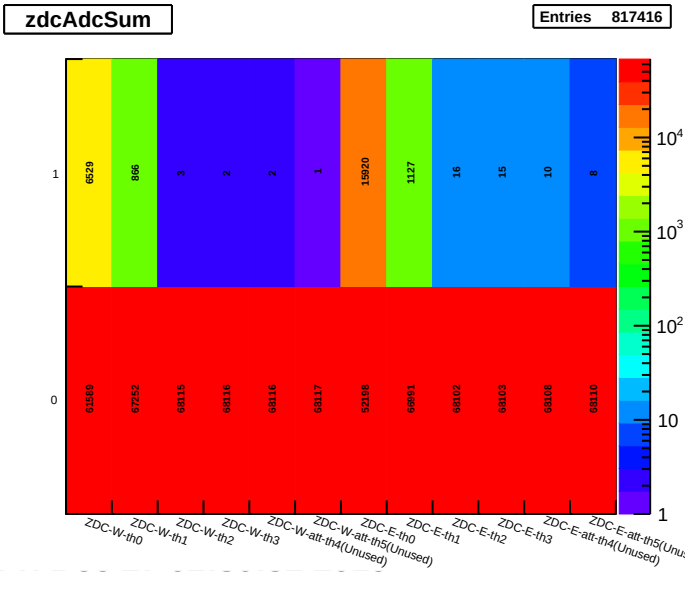

vpdWestTacMaxVsSimu
Entries 52769
Data
Simu

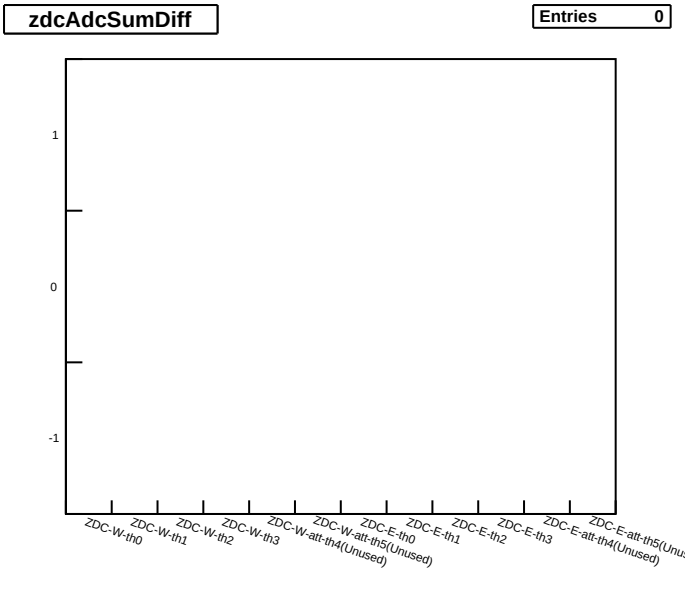

zdcEastTac
Entries 68118

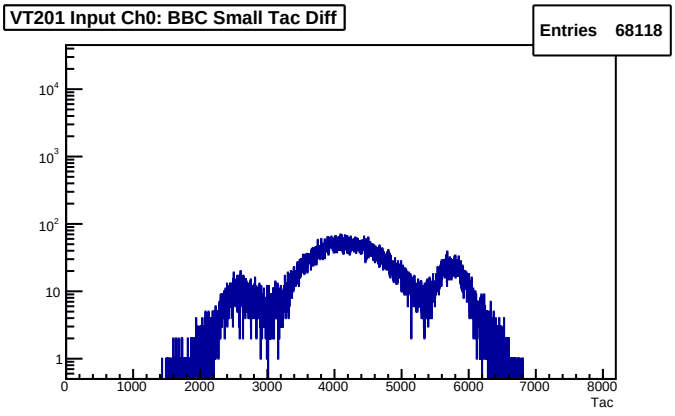

zdcEastTacVsSimu
Entries 236
Data
Simu

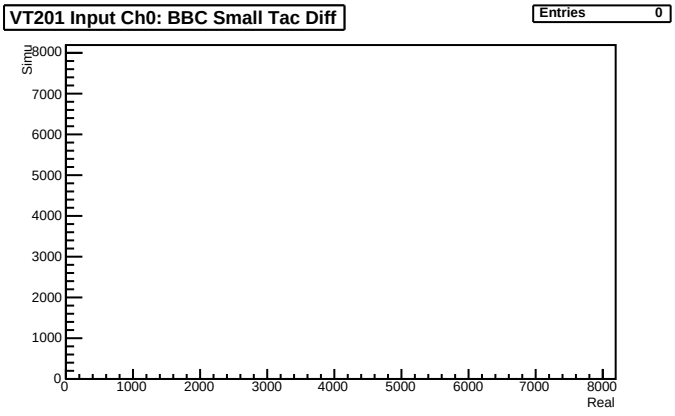

zdcWestTac
Entries 68118

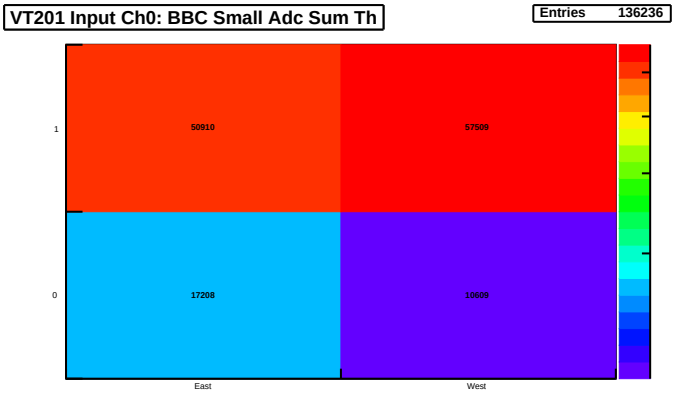

zdcWestTacVsSimu
Entries 542
Data
Simu

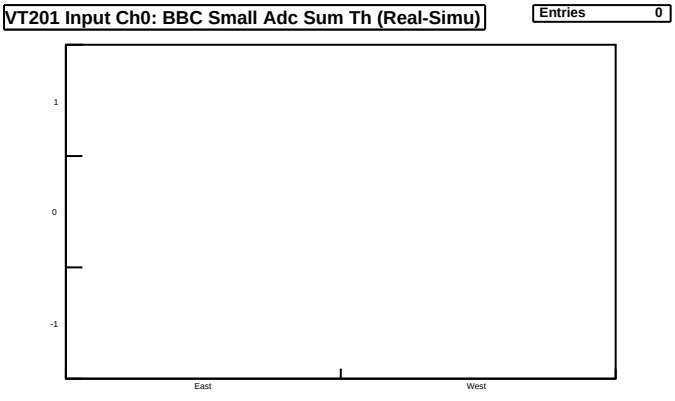

zdcAdcSum
Entries 817416
6529
866
3
2
2
1
15920
1127
16
15
10
8
61589
67252
68115
68116
68116
68117
52198
68091
68102
68103
68108
68110
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

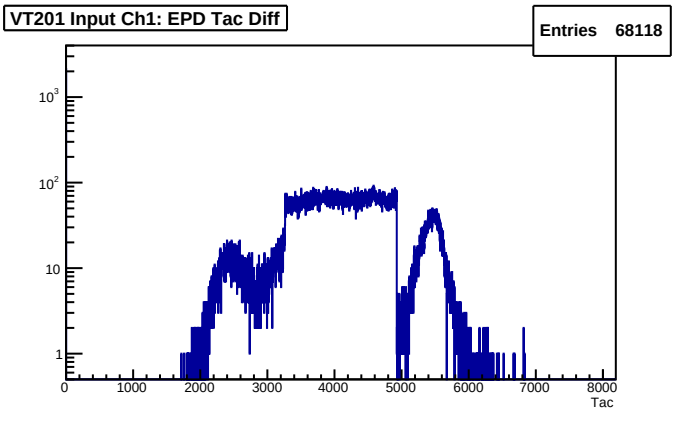

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

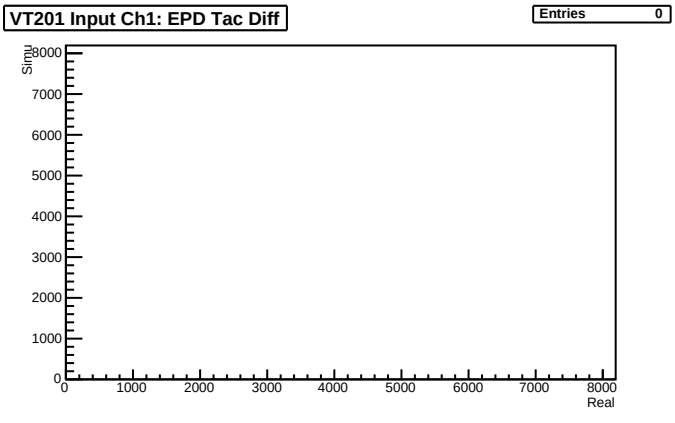

VT201 Input Ch0: BBC Small Tac Diff
Entries 68118
Tac

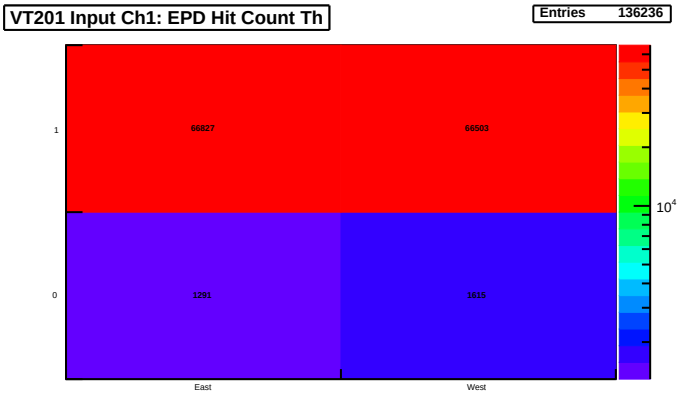

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

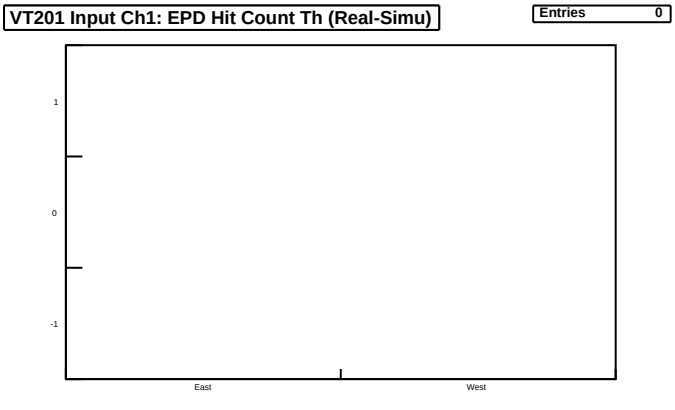

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 136236
50910
57509
17208
10609
East
West

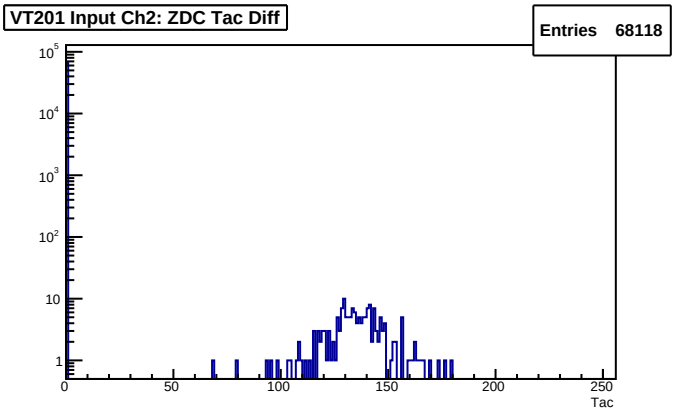

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

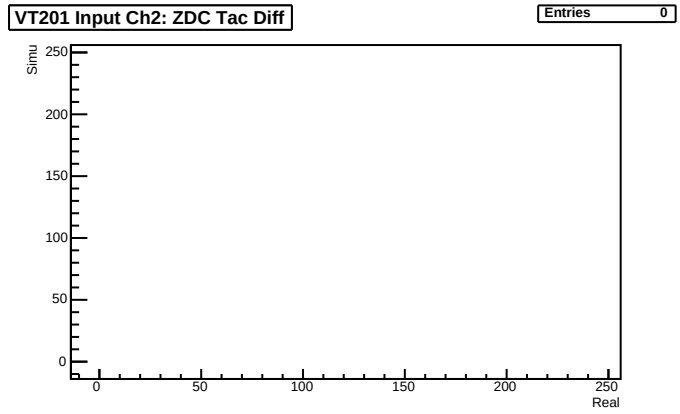

VT201 Input Ch1: EPD Tac Diff
Entries 68118
Tac

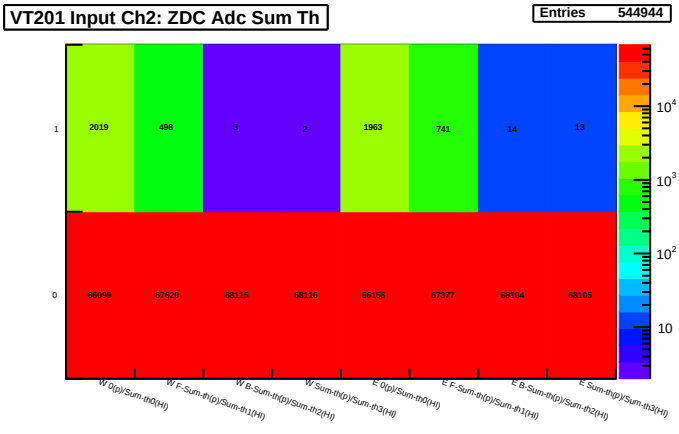

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

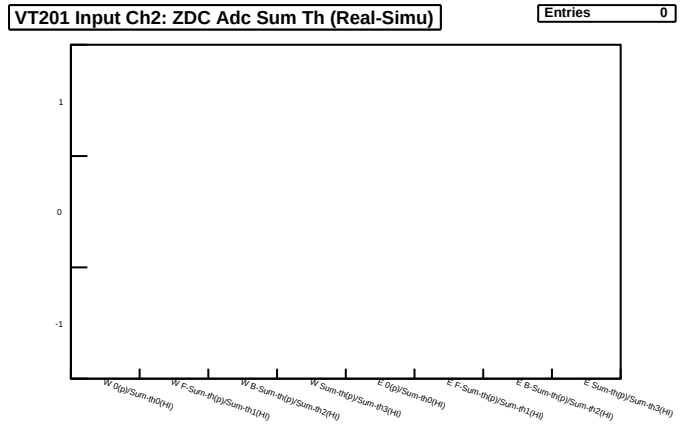

VT201 Input Ch1: EPD Hit Count Th
Entries 136236
66827
66503
1291
1615
East
West

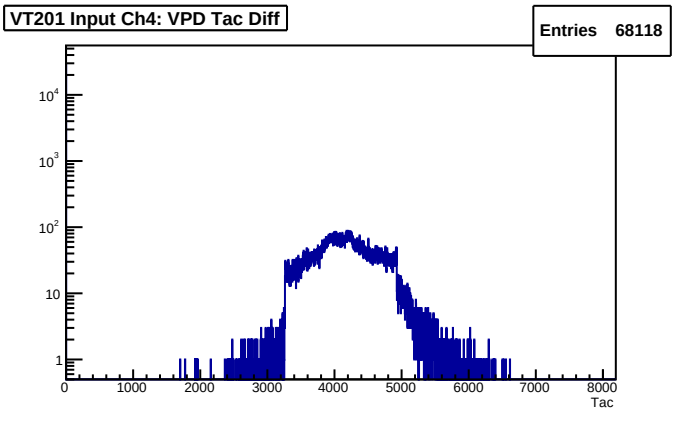

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

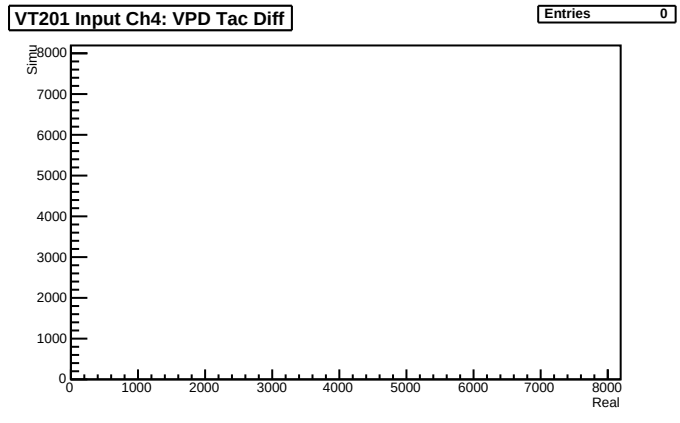

VT201 Input Ch2: ZDC Tac Diff
Entries 68118
Tac

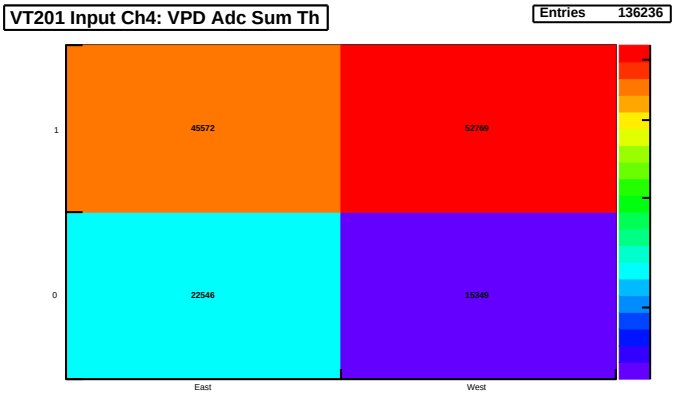

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

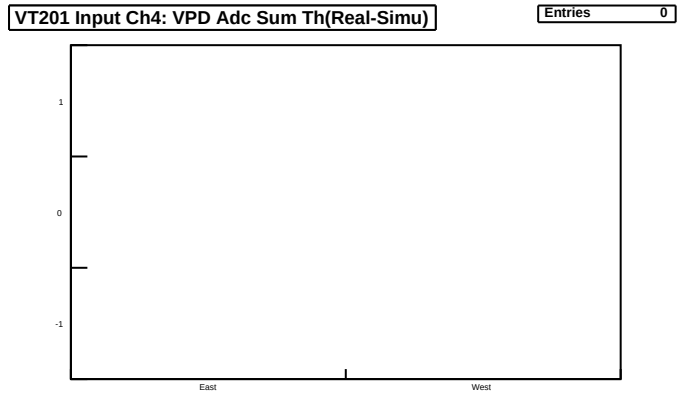

VT201 Input Ch2: ZDC Adc Sum Th
Entries 544944
2019
498
3
2
1963
741
14
13
66099
67620
68115
68116
66155
67377
68104
68105
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

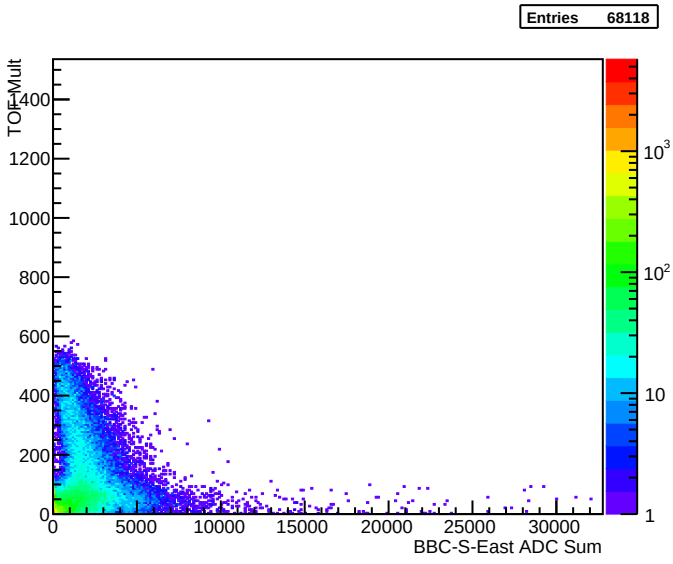

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

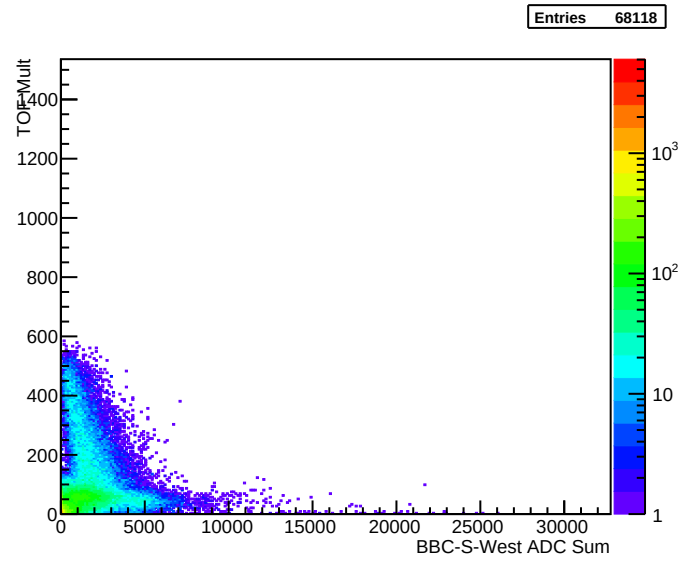

VT201 Input Ch4: VPD Tac Diff
Entries 68118
Tac

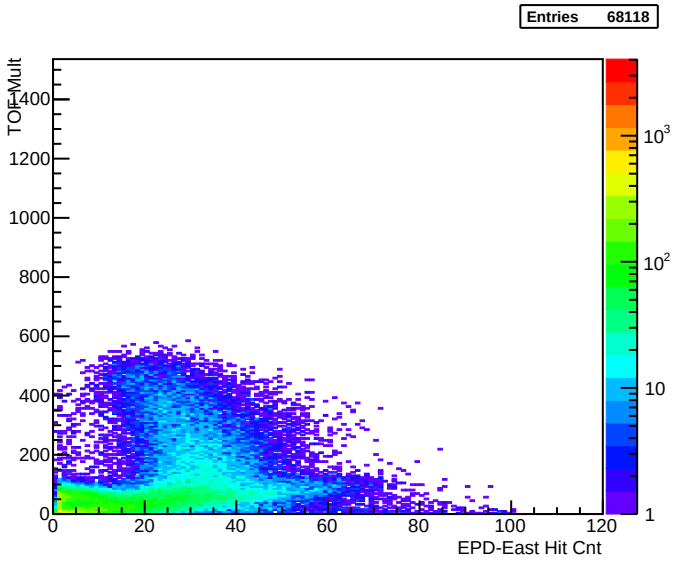

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

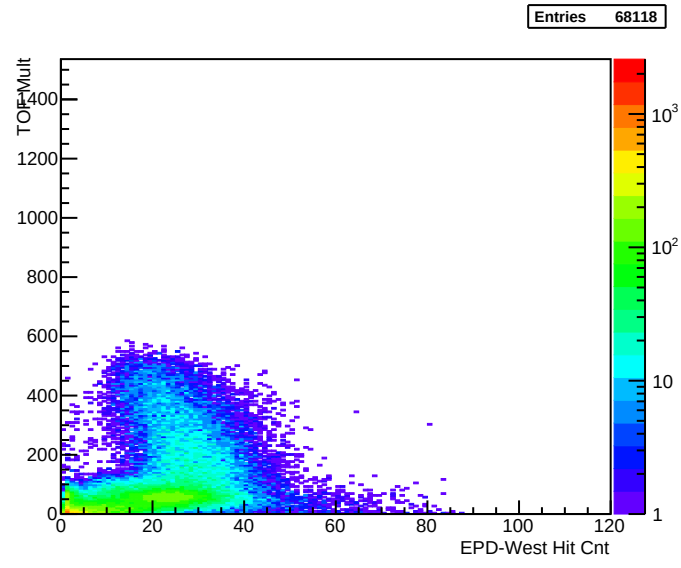

VT201 Input Ch4: VPD Adc Sum Th
Entries 136236
45572
52769
22546
15349
East
West

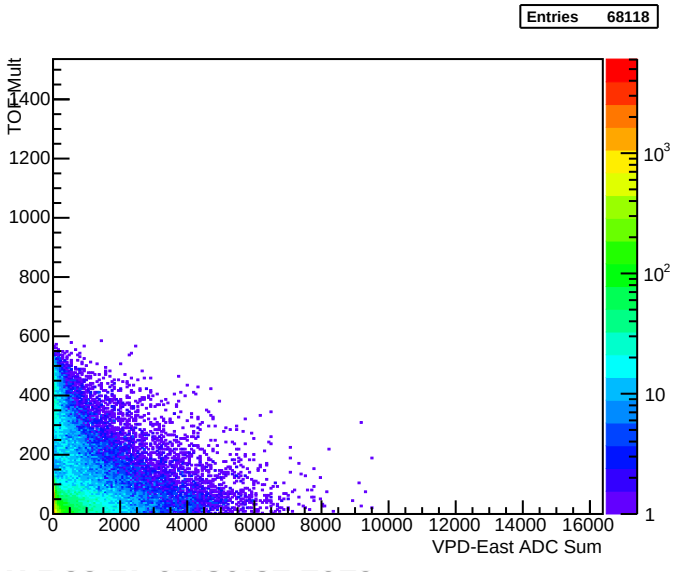

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

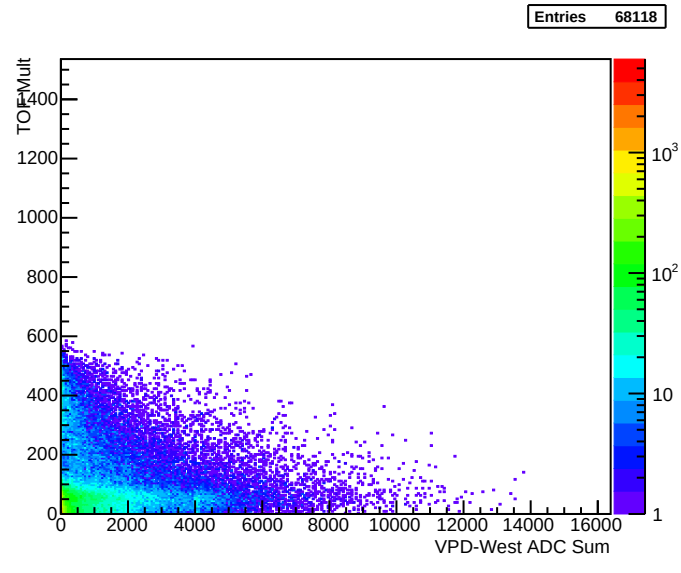

Entries 68118
TOF-Mult
BBC-S-East ADC Sum

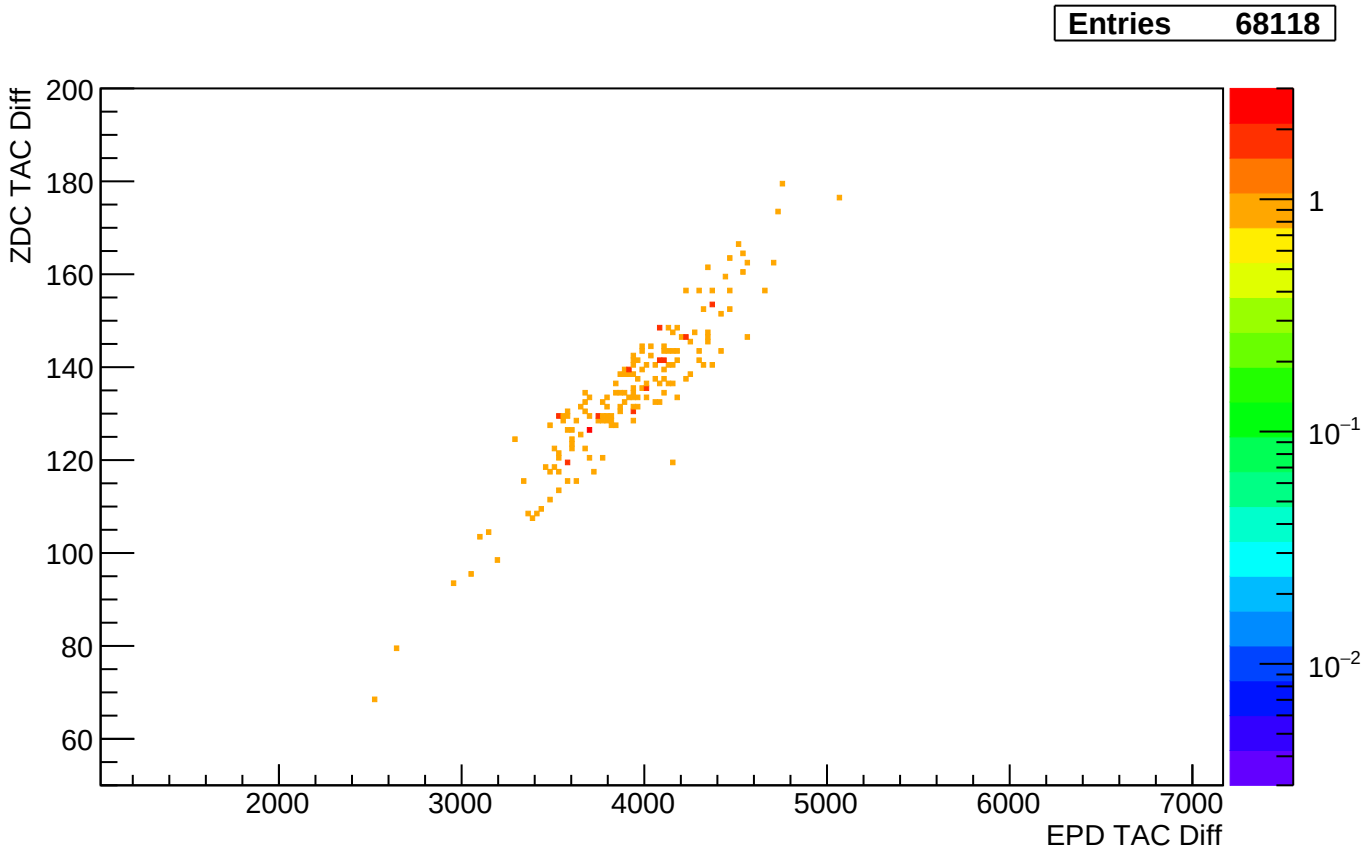

Entries 68118
TOF-Mult
BBC-S-West ADC Sum

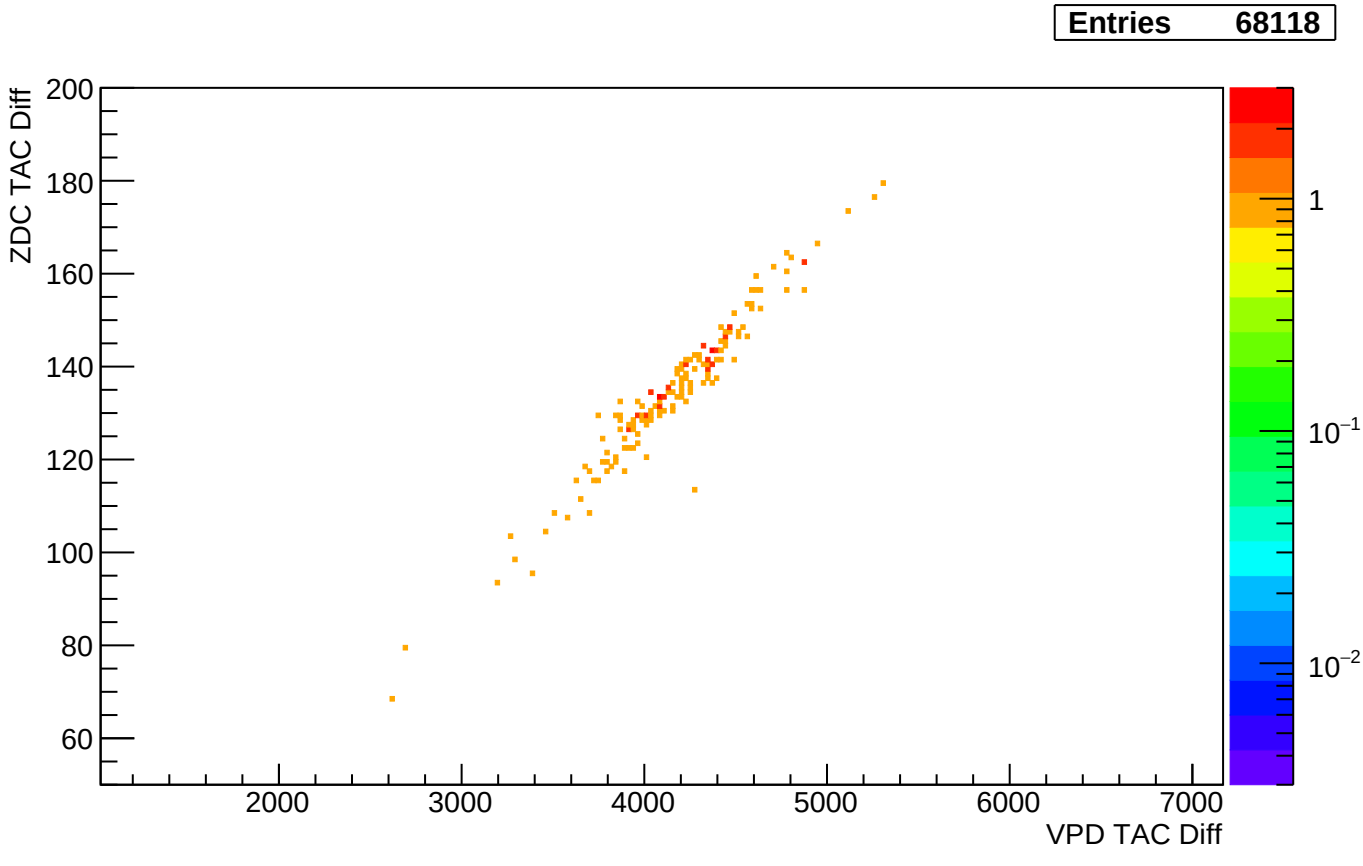

Entries 68118
TOF-Mult
EPD-East Hit Cnt

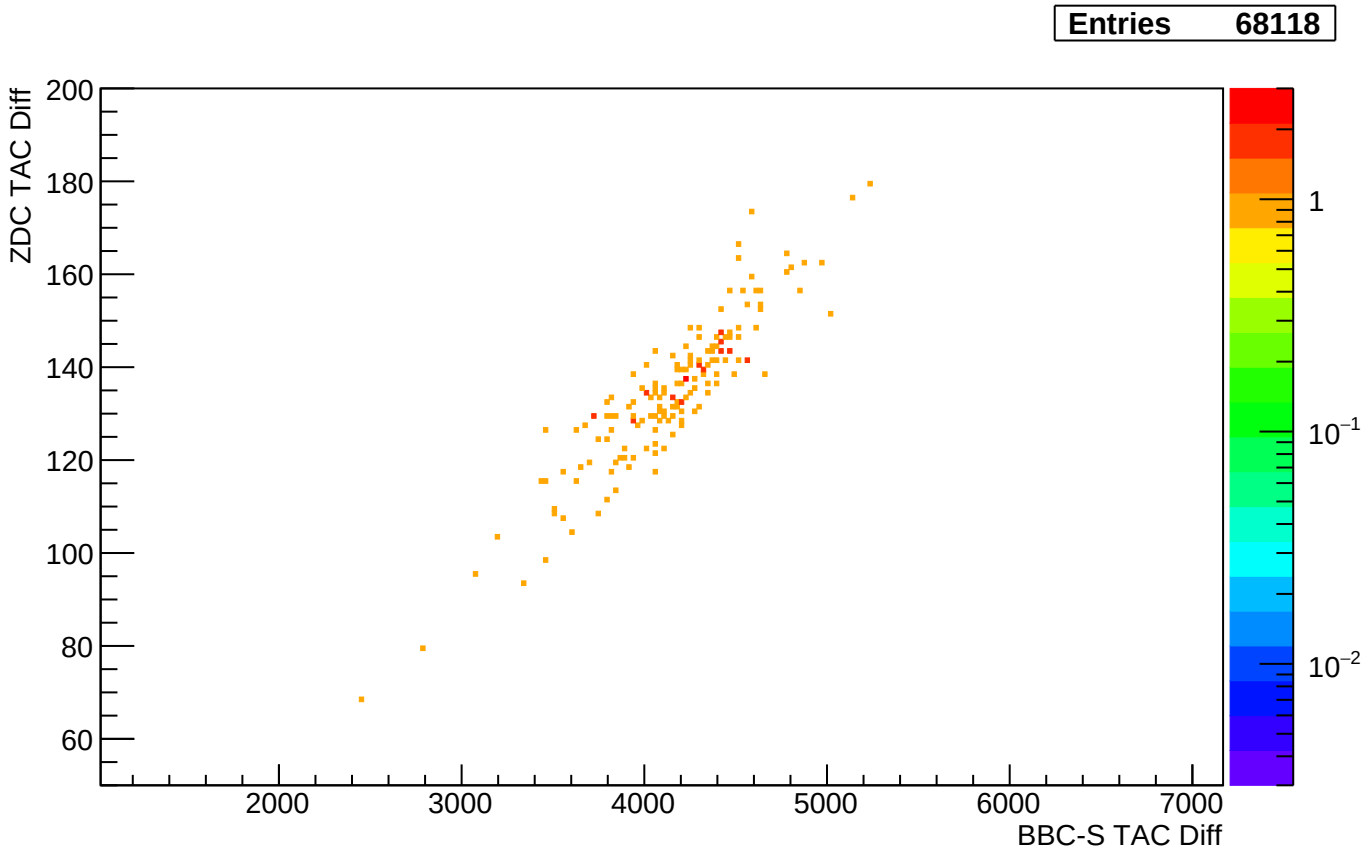

Entries 68118
TOF-Mult
EPD-West Hit Cnt

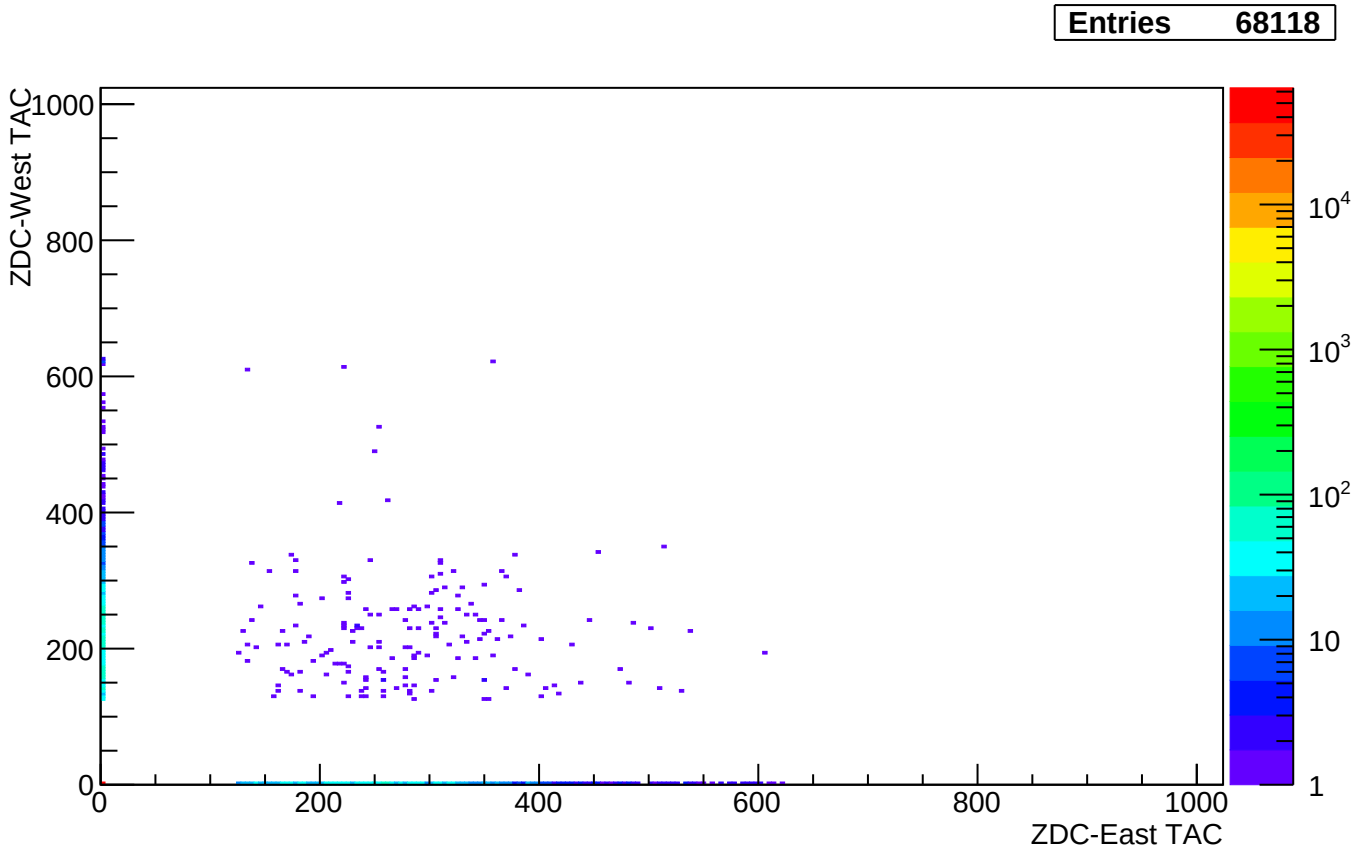

Entries 68118
TOF-Mult
VPD-East ADC Sum

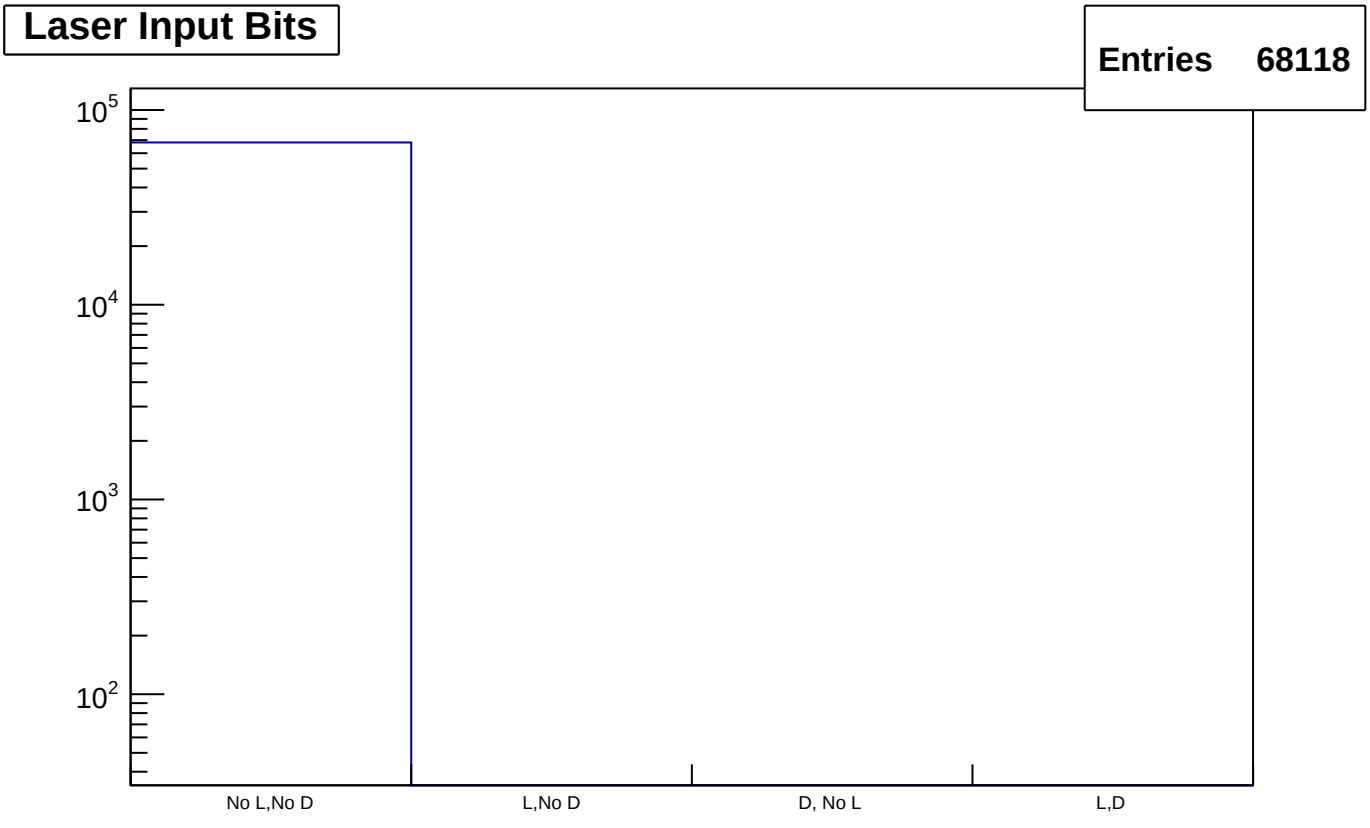

Entries 68118
TOF-Mult
VPD-West ADC Sum

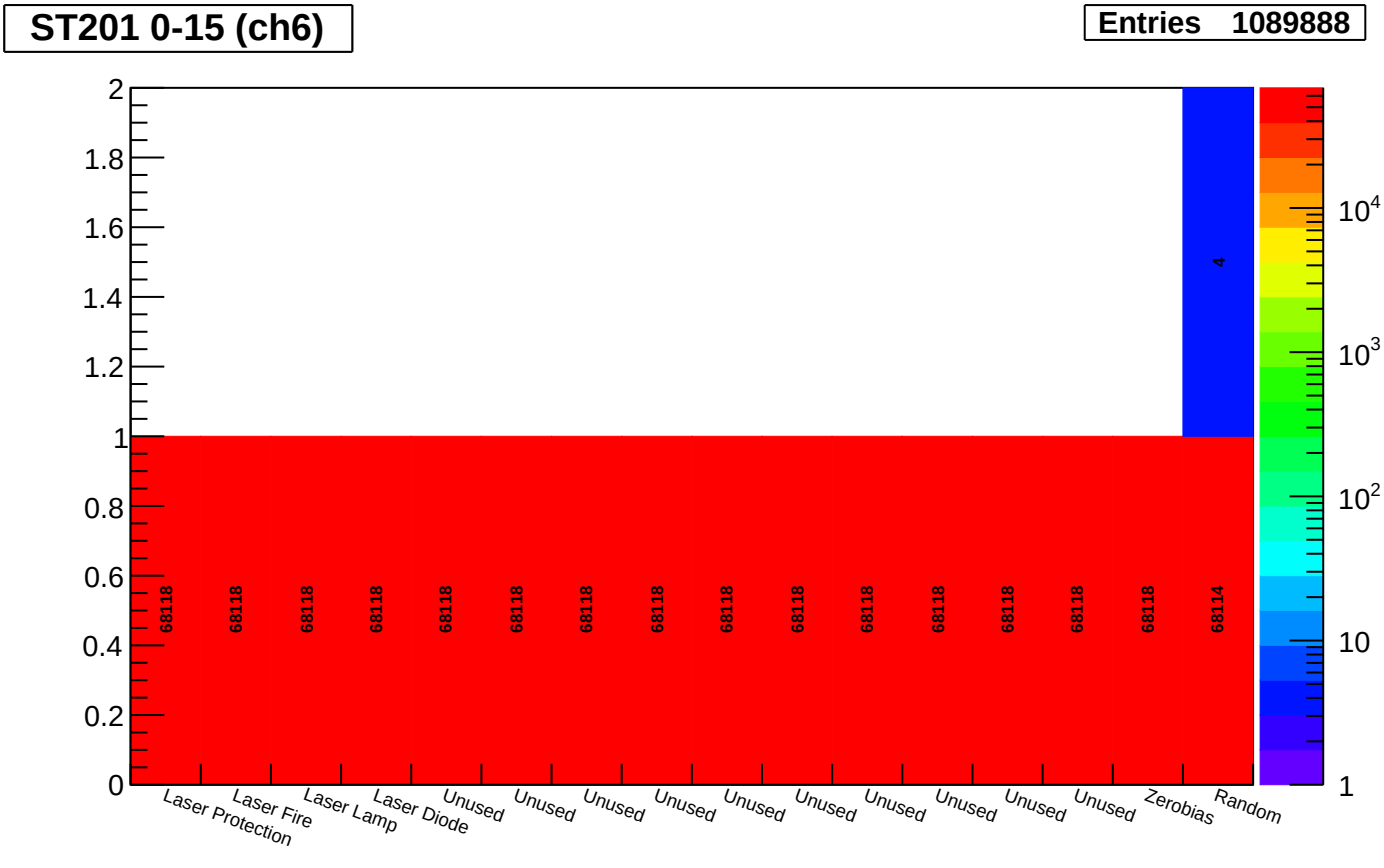

Entries 68118
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

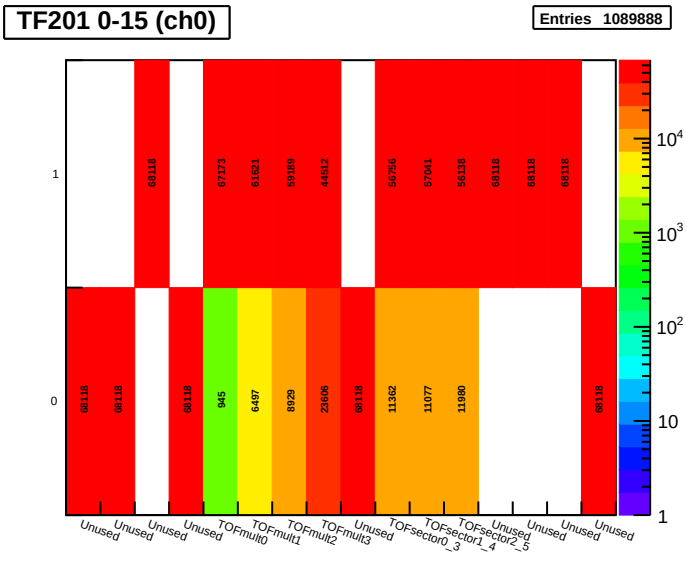

Entries 68118
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

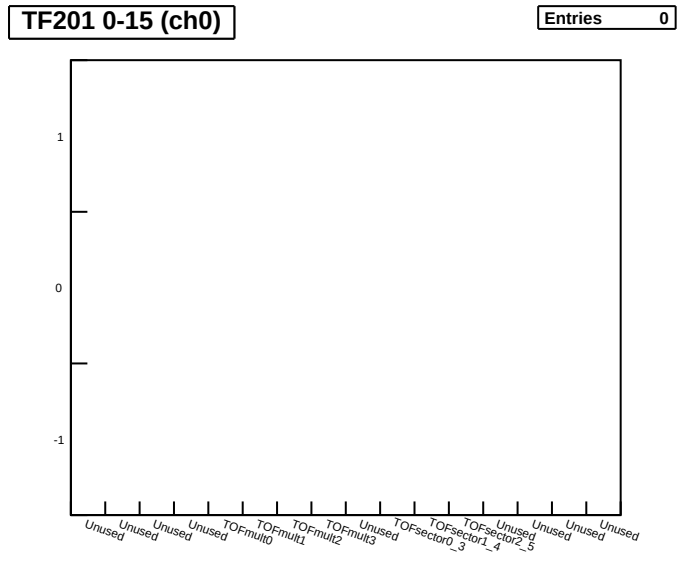

Entries 68118
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

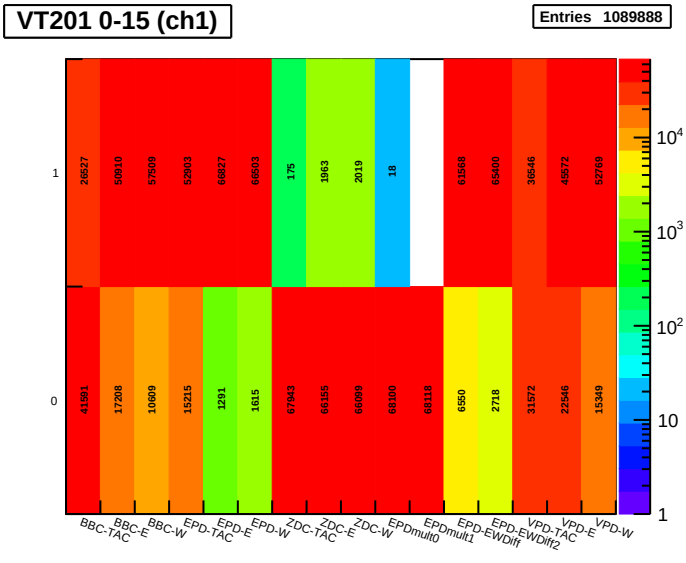

Entries 68118
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

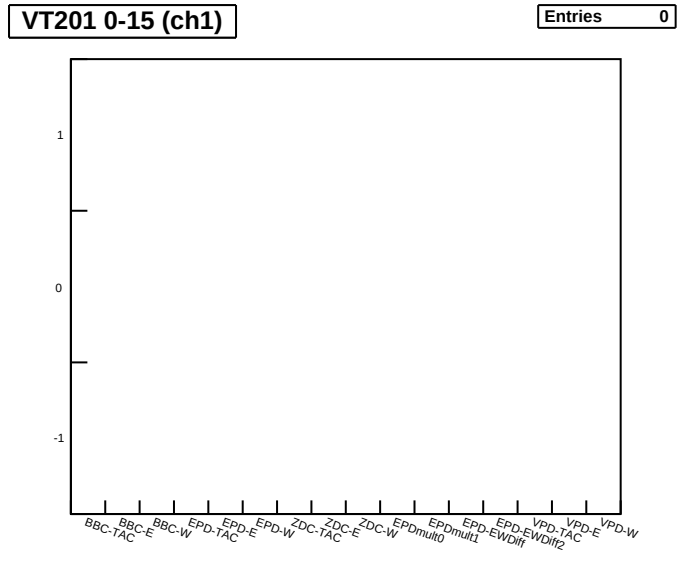

Laser Input Bits
Entries 68118
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

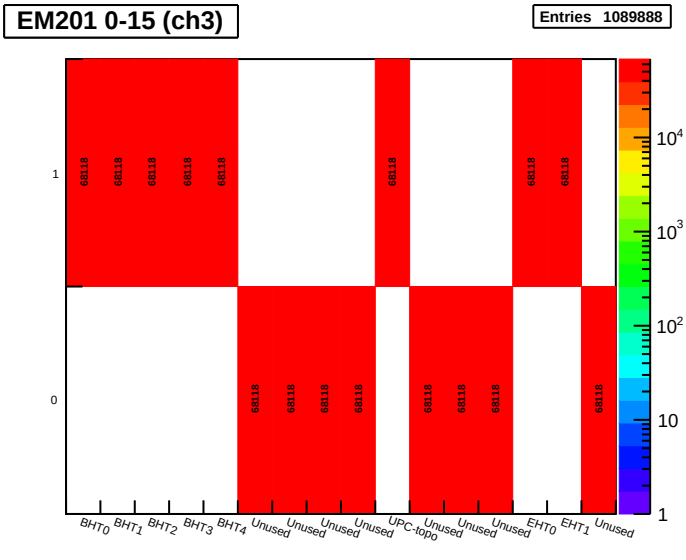

ST201 0-15 (ch6)
Entries 1089888
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4
68118
68114
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

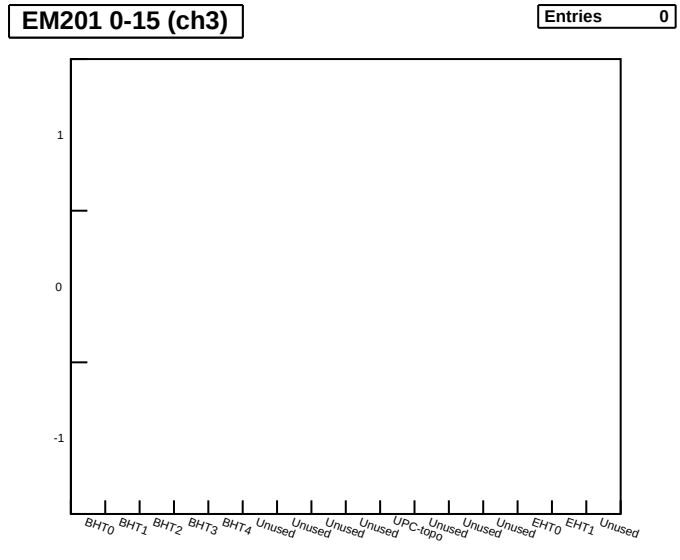

TF201 0-15 (ch0)
Entries 1089888
1
0
68118 67173 61621 59189 44512 56756 57041 56158 68118 68118 68118
68118 68118 68118 945 6497 8929 23606 68118 11362 11077 11980 68118
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused 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 1089888
1
0
26527 50910 57509 52903 66827 66603 175 1963 2019 18 63568 65400 36546 45572 52769
41591 17208 10609 15215 1291 1615 67943 66155 66099 68100 68118 6550 2718 31572 22546 15349
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 1089888
1
0
68118 68118 68118 68118 68118 68118 68118 68118
68118 68118 68118 68118 68118 68118 68118 68118
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