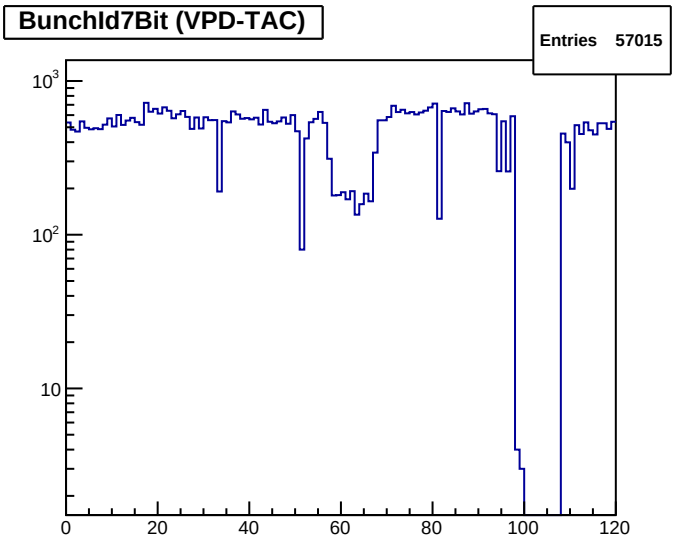
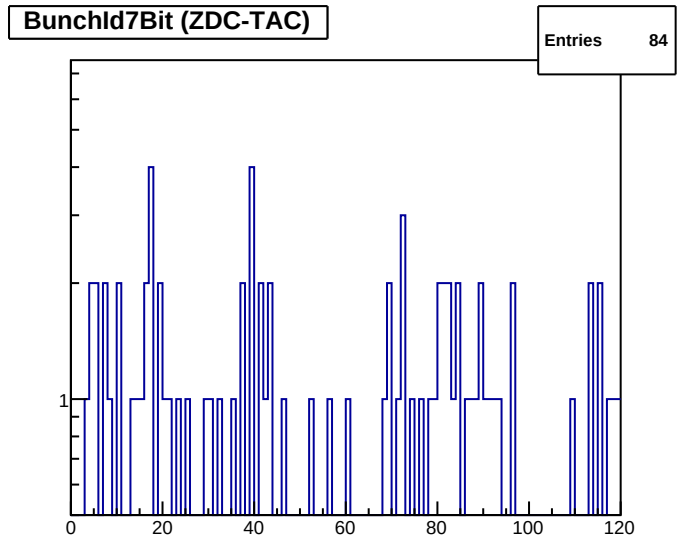
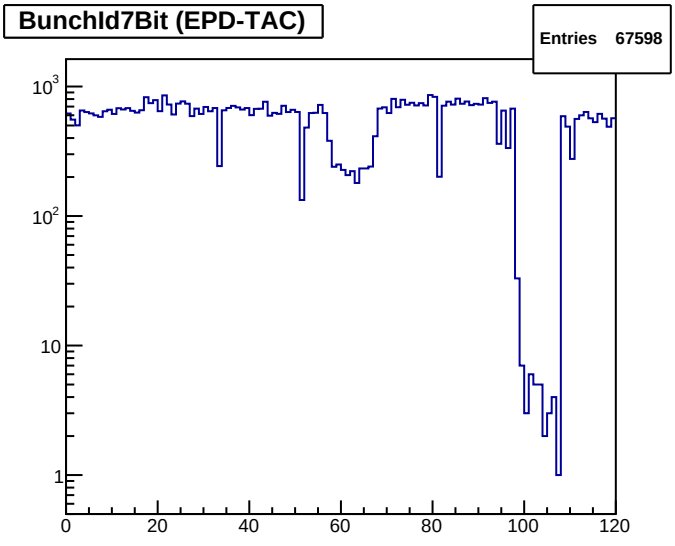
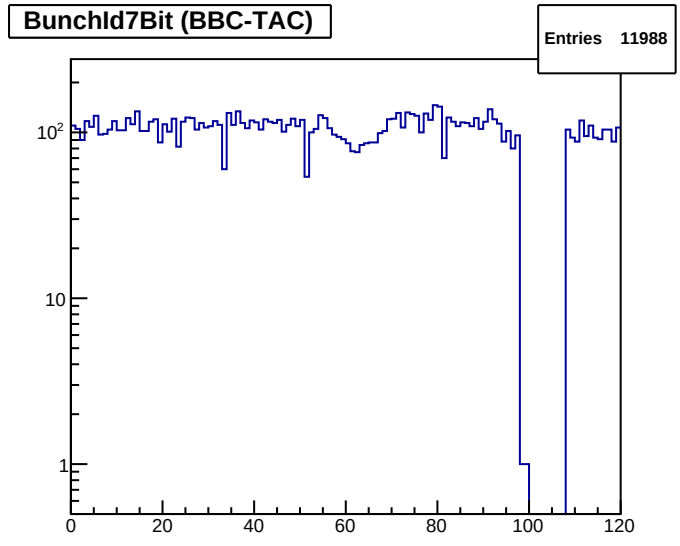
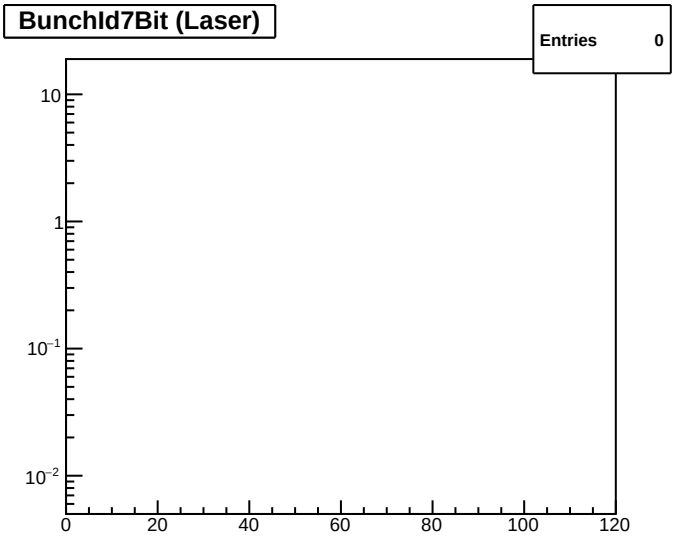
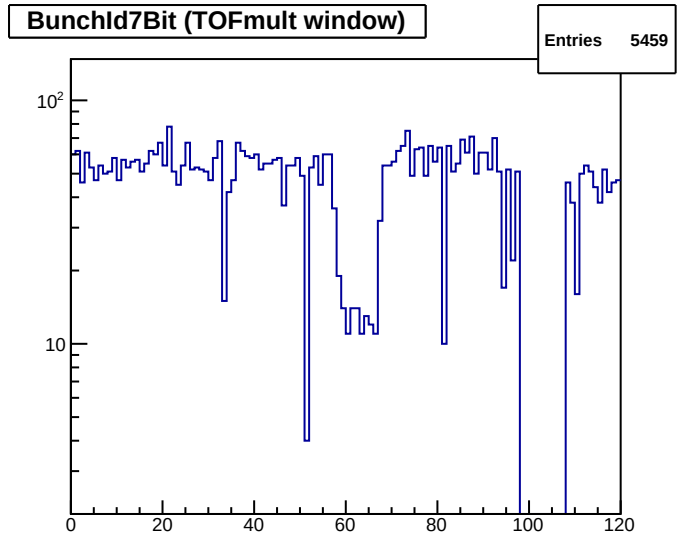

BunchId7Bit (VPD-TAC)
Entries 57015

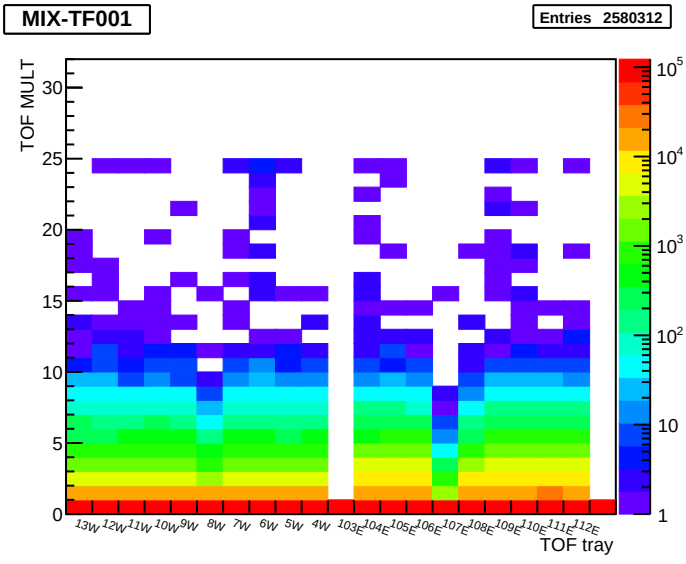

BunchId7Bit (ZDC-TAC)
Entries 84

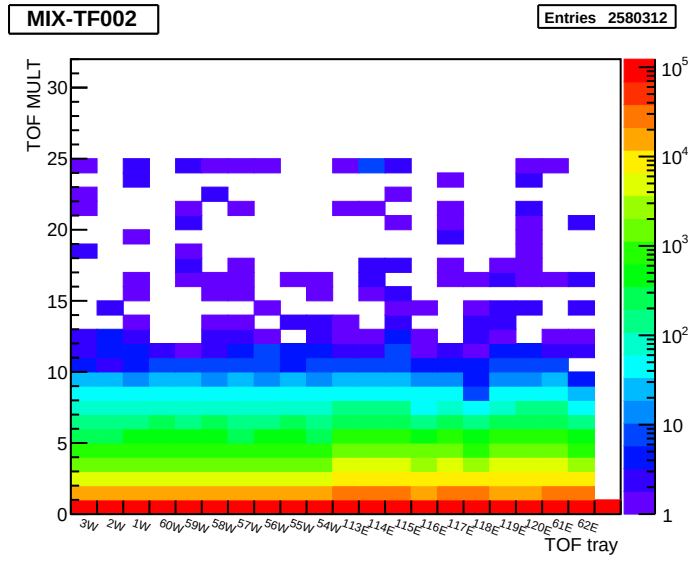

BunchId7Bit (EPD-TAC)
Entries 67598

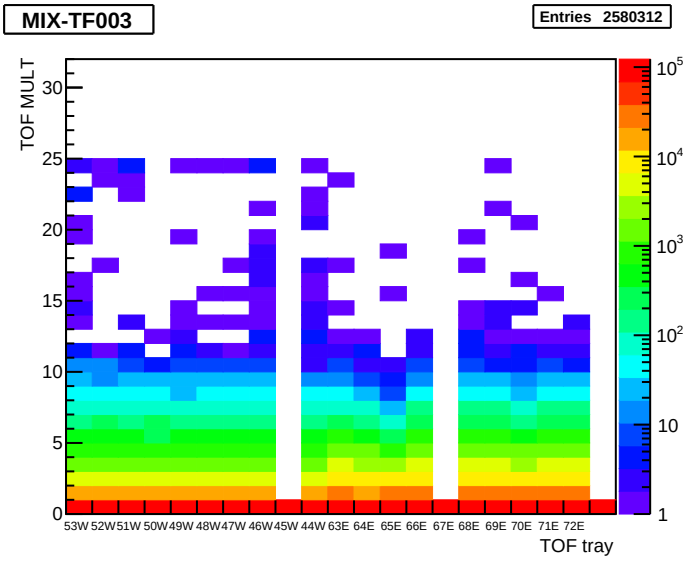

BunchId7Bit (BBC-TAC)
Entries 11988

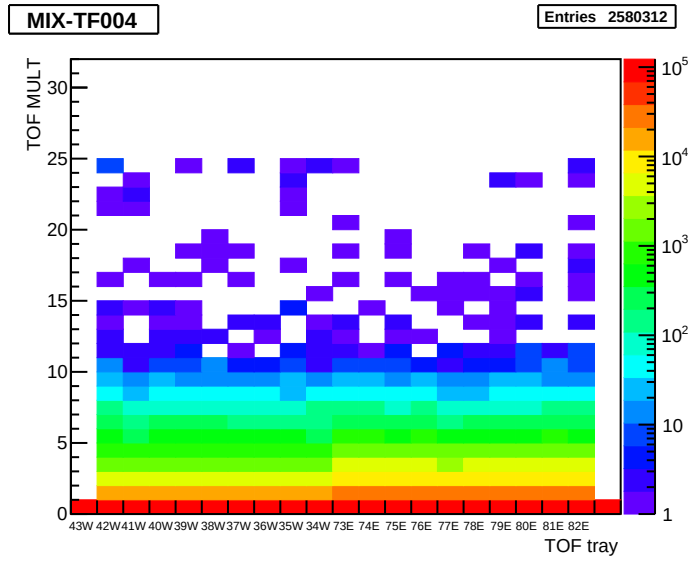

BunchId7Bit (Laser)
Entries 0

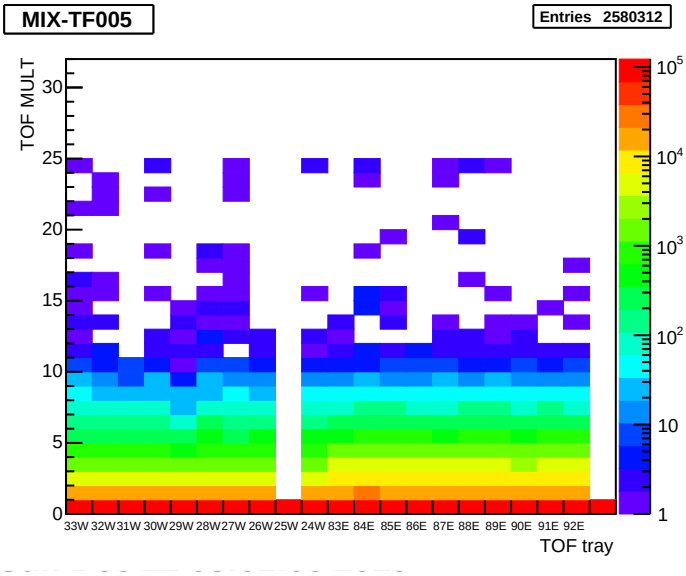

BunchId7Bit (TOFmult window)
Entries 5459

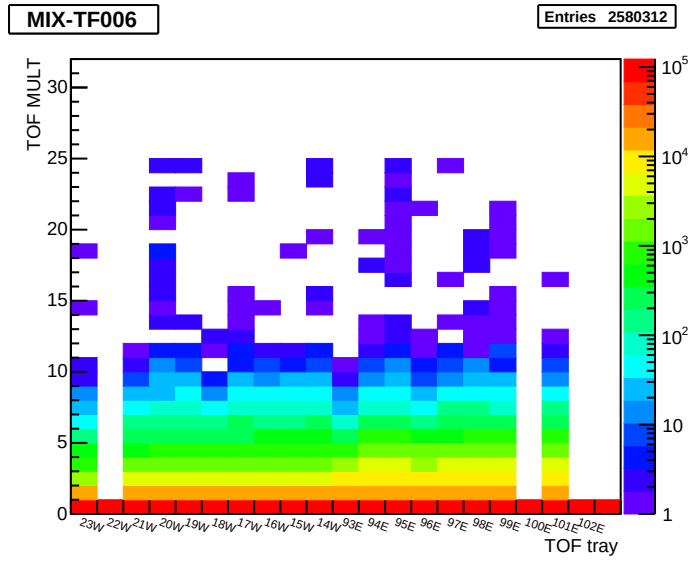

MIX-TF001
Entries 2580312
TOF MULT
TOF tray

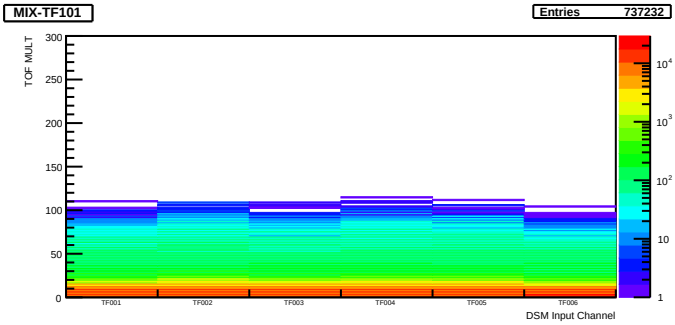

MIX-TF002
Entries 2580312
TOF MULT
TOF tray

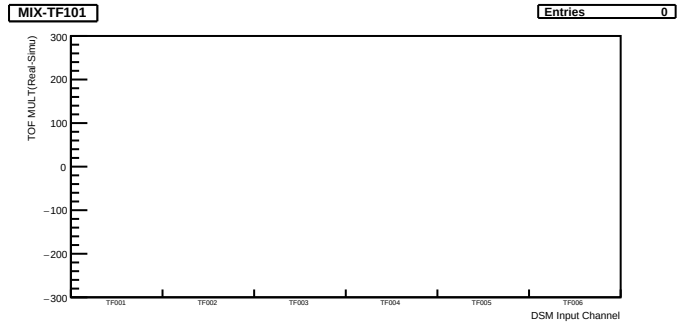

MIX-TF003
Entries 2580312
TOF MULT
TOF tray

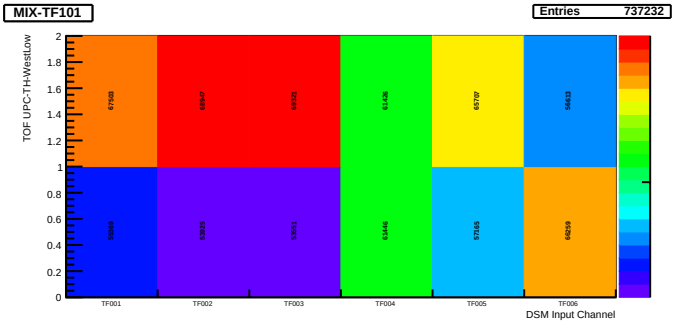

MIX-TF004
Entries 2580312
TOF MULT
TOF tray

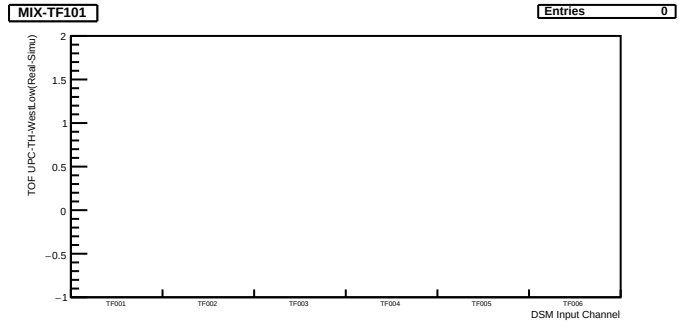

MIX-TF005
Entries 2580312
TOF MULT
TOF tray

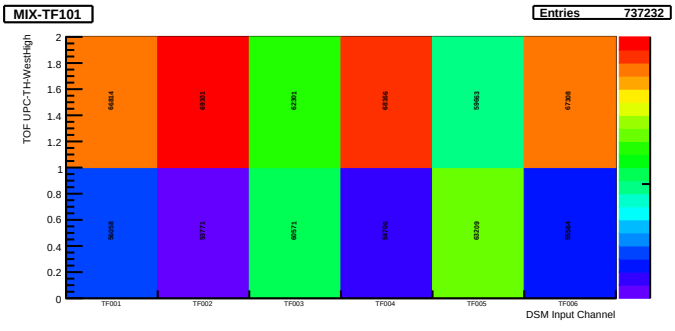

MIX-TF006
Entries 2580312
TOF MULT
TOF tray

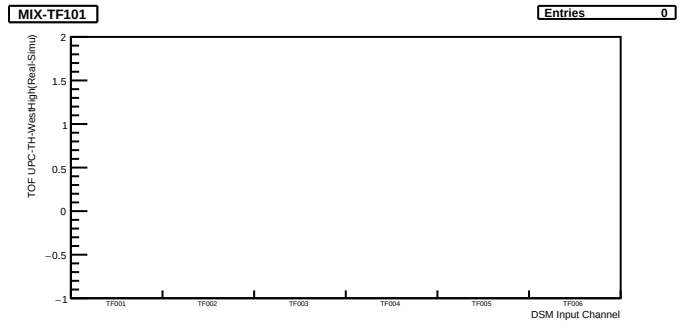

MIX-TF101
Entries 737232
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

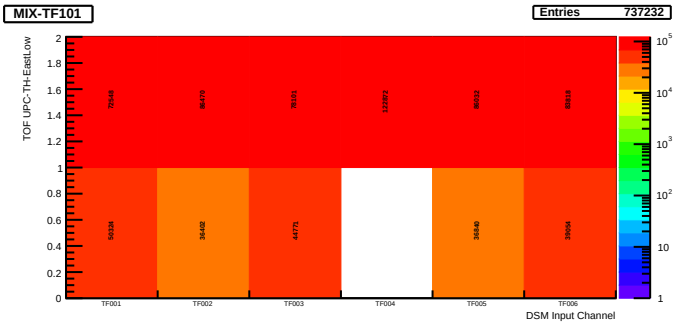

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

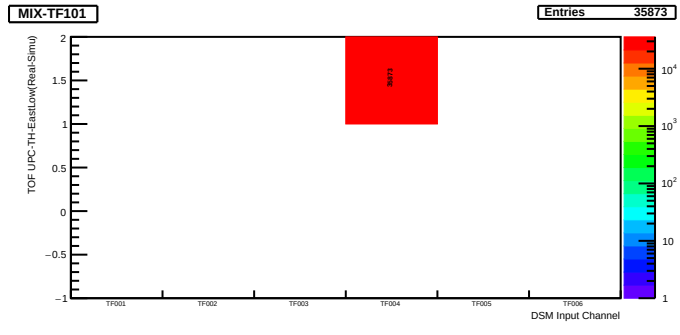

MIX-TF101
Entries 737232
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

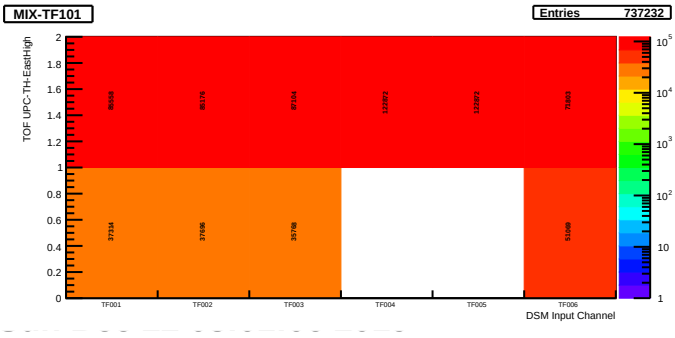

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

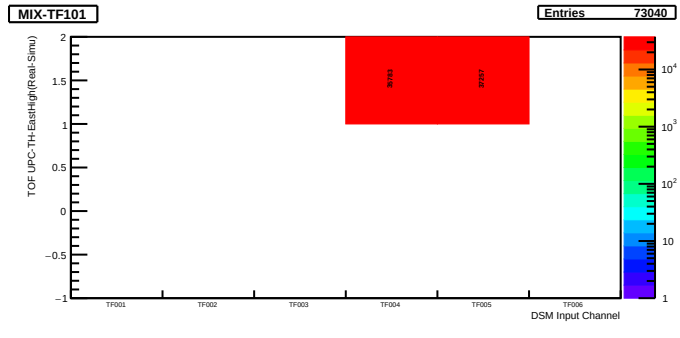

MIX-TF101
Entries 737232
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

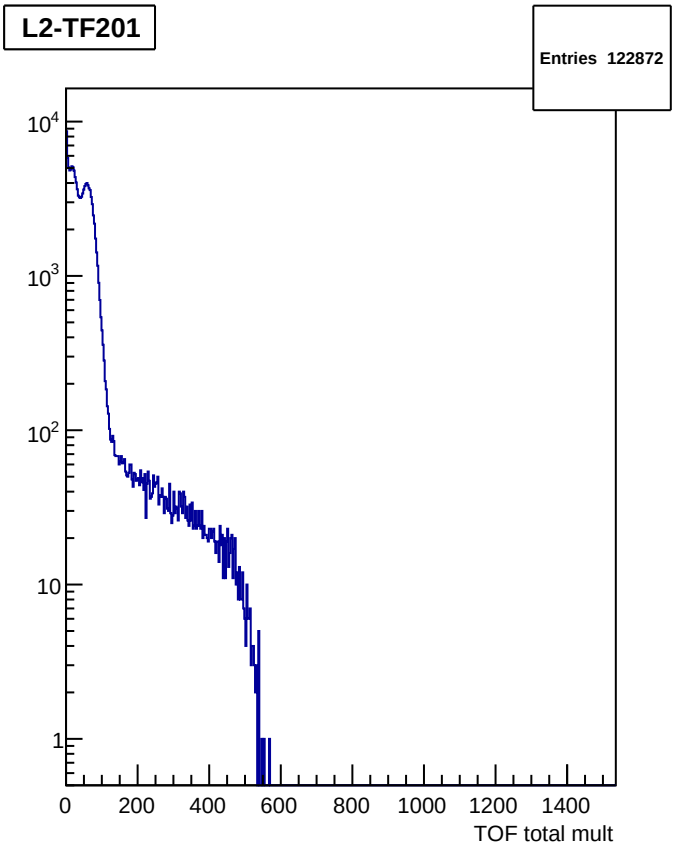

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

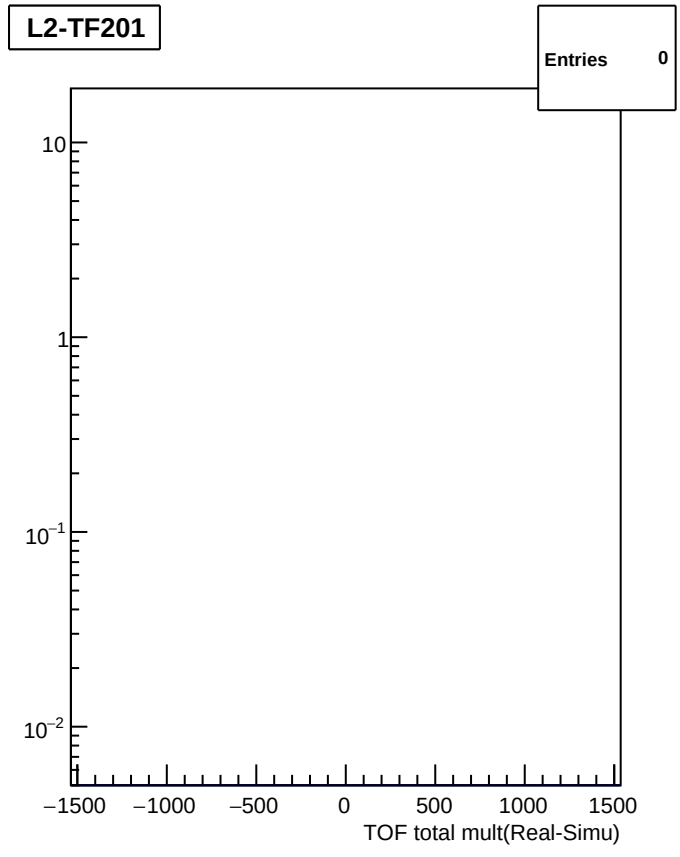

MIX-TF101
Entries 737232
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

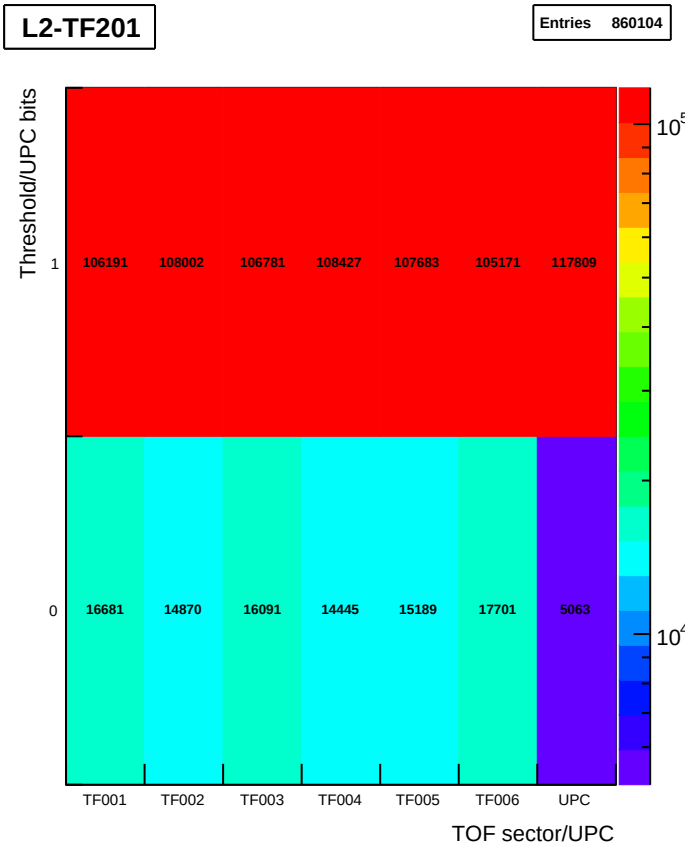

MIX-TF101
Entries 35873
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

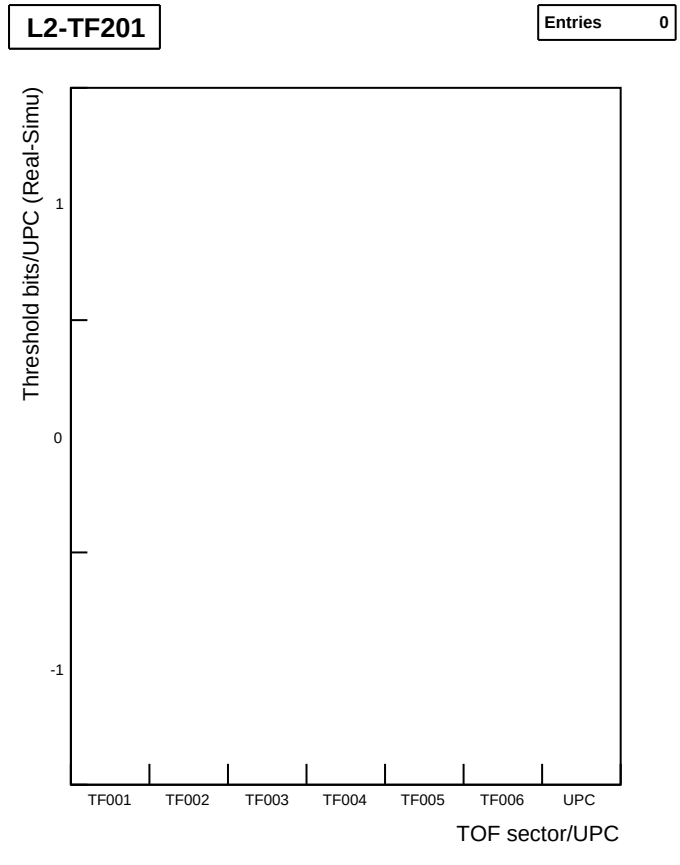

MIX-TF101
Entries 737232
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

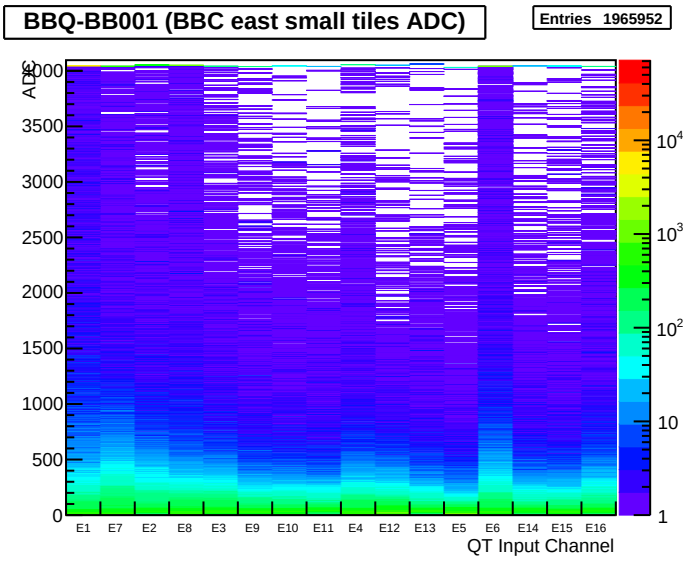

MIX-TF101
Entries 73040
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

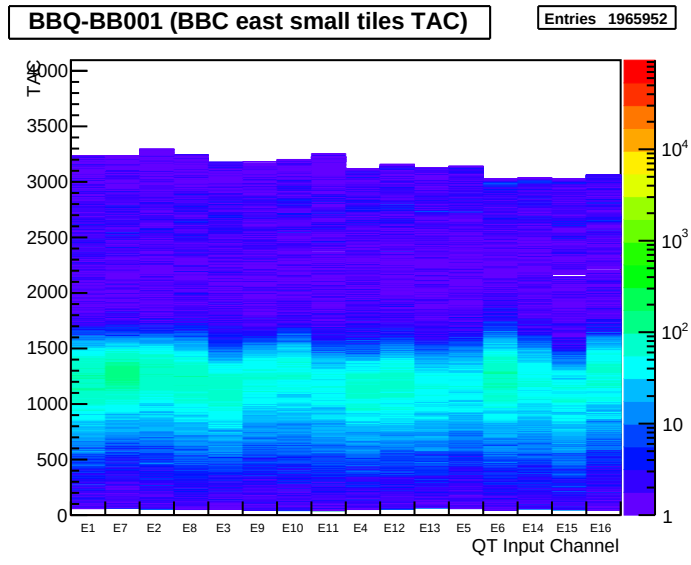

L2-TF201
Entries 122872
TOF total mult

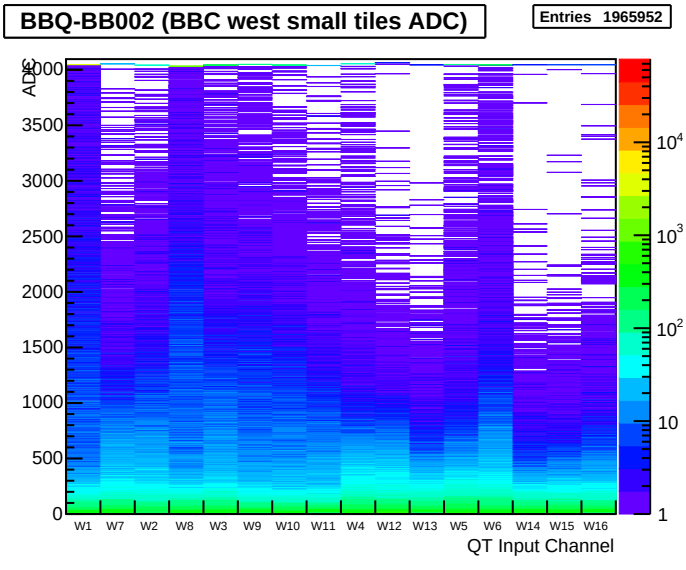

L2-TF201
Entries 0
TOF total mult(Real-Simu)

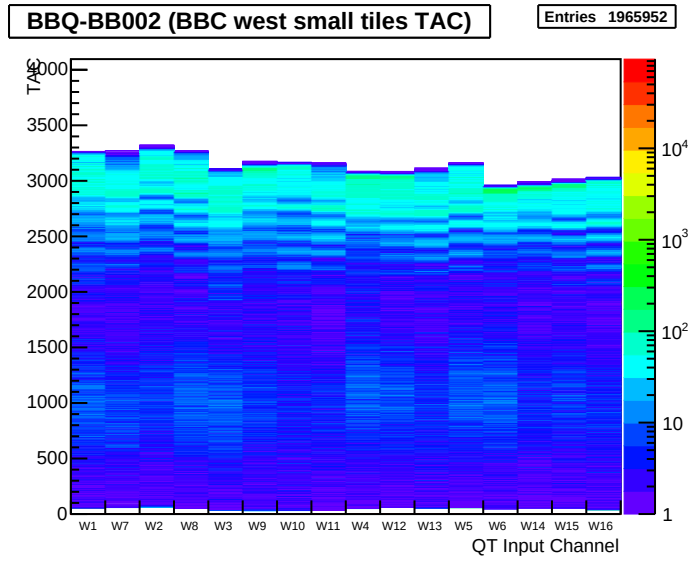

L2-TF201
Entries 860104
Threshold/UPC bits
106191
108002
106781
108427
107683
105171
117809
16681
14870
16091
14445
15189
17701
5063
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

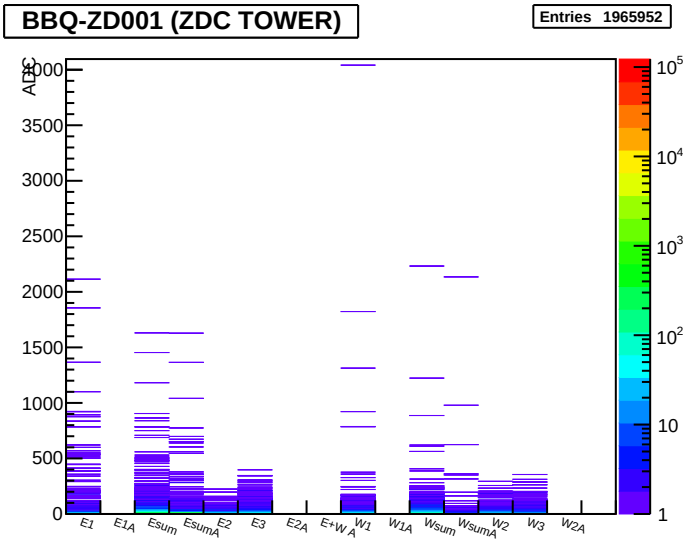

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

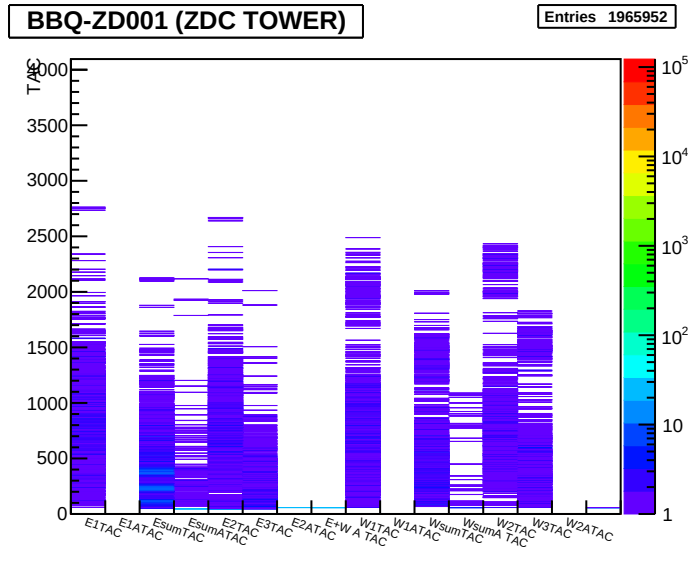

BBQ-BB001 (BBC east small tiles ADC)
Entries 1965952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

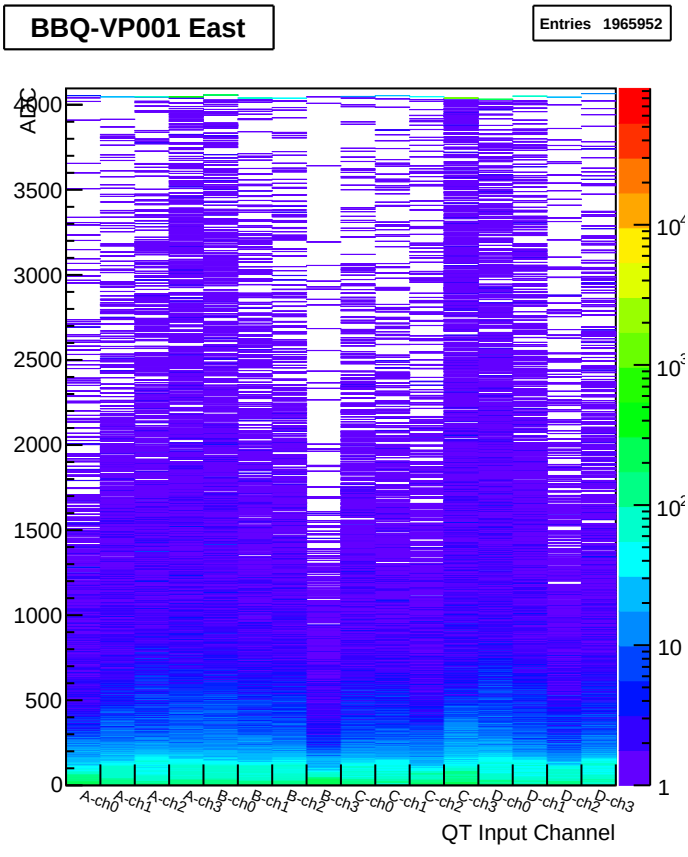

BBQ-BB001 (BBC east small tiles TAC)
Entries 1965952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

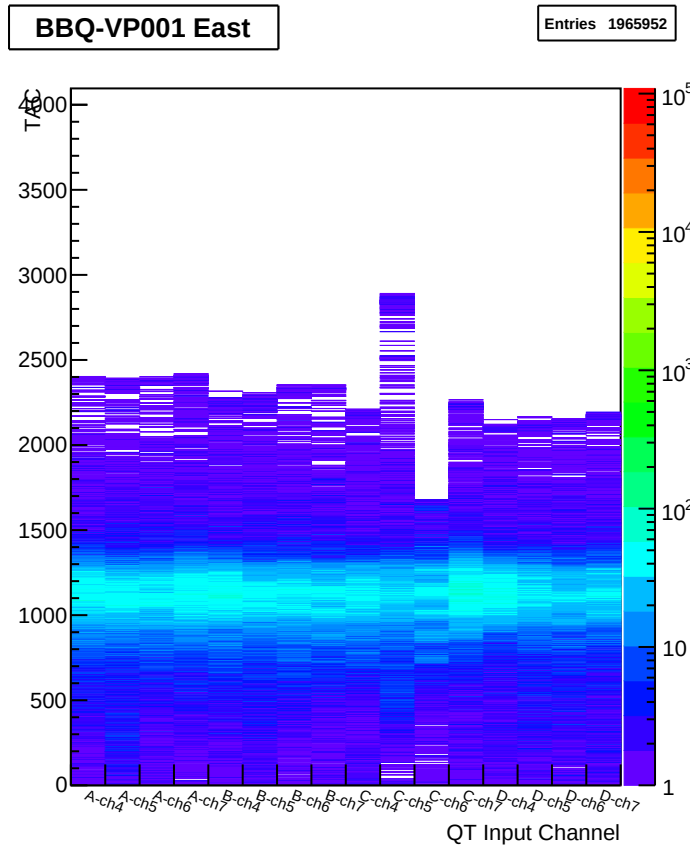

BBQ-BB002 (BBC west small tiles ADC)
Entries 1965952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

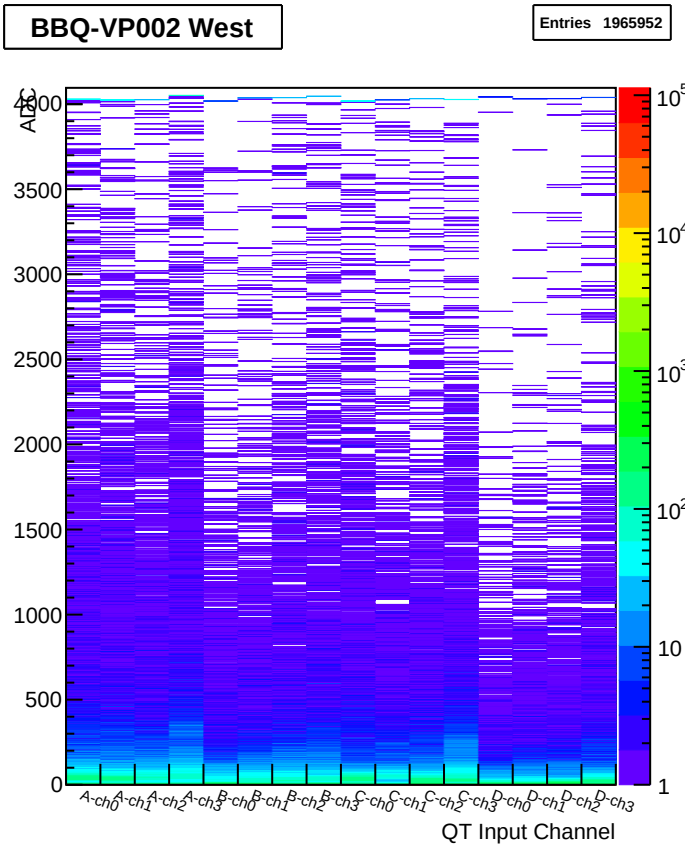

BBQ-BB002 (BBC west small tiles TAC)
Entries 1965952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

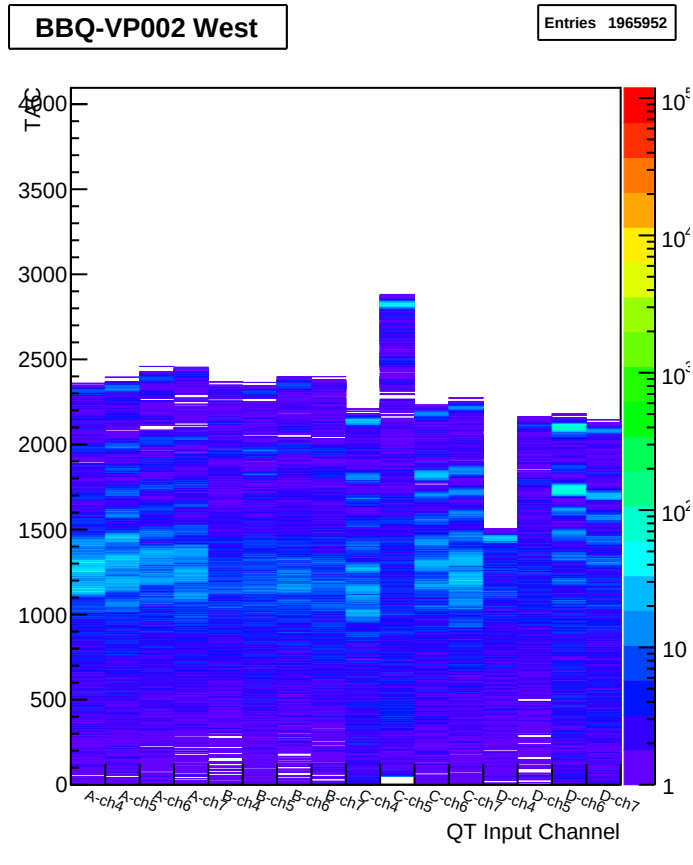

BBQ-ZD001 (ZDC TOWER)
Entries 1965952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

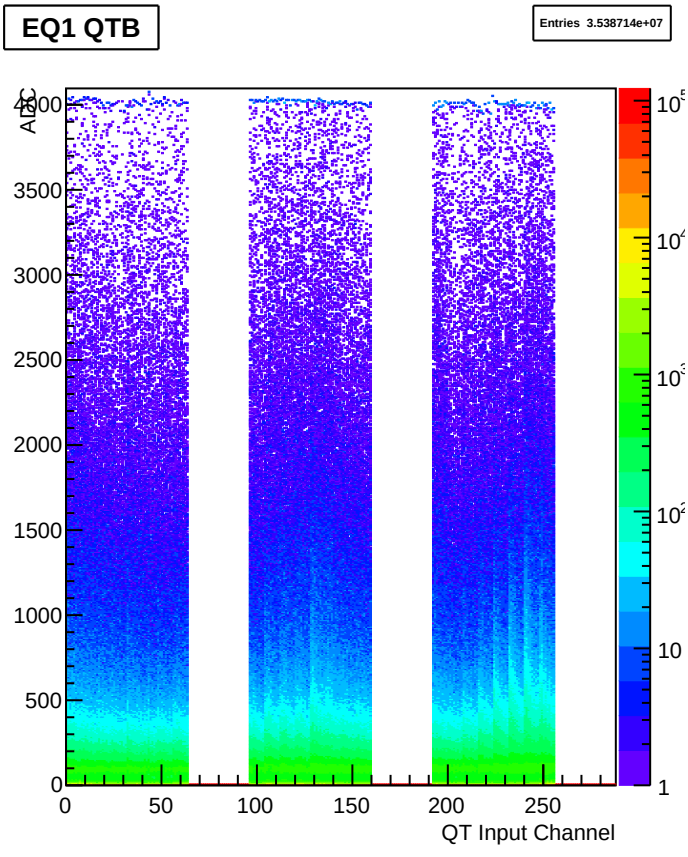

BBQ-ZD001 (ZDC TOWER)
Entries 1965952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

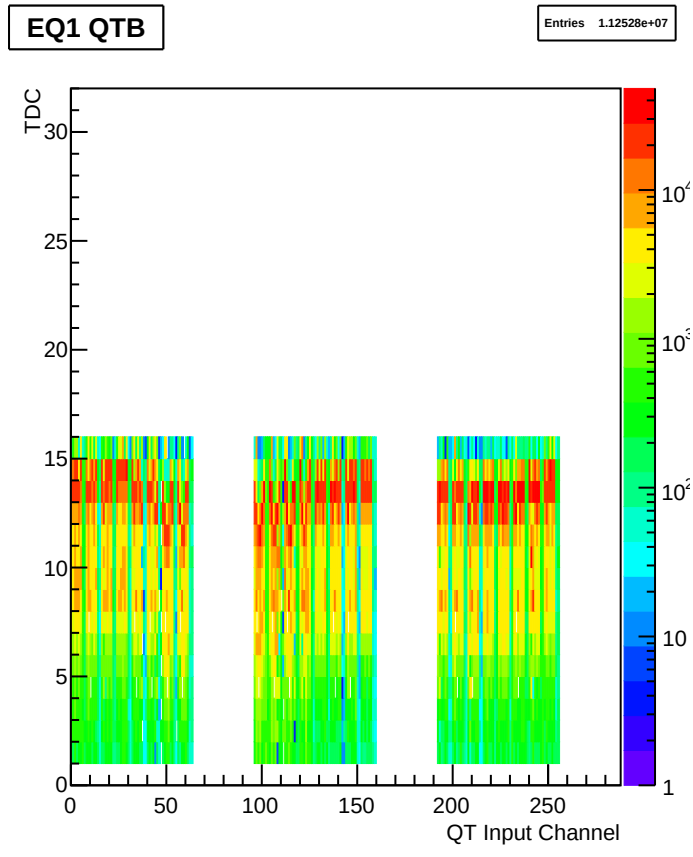

BBQ-VP001 East
Entries 1965952
ADC
QT Input Channel

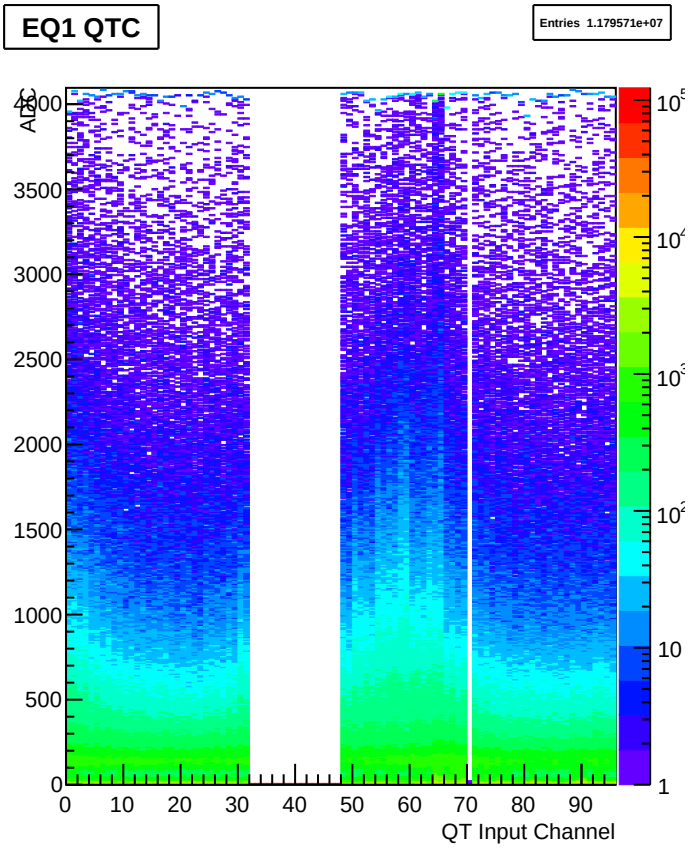

BBQ-VP001 East
Entries 1965952
TAC
QT Input Channel

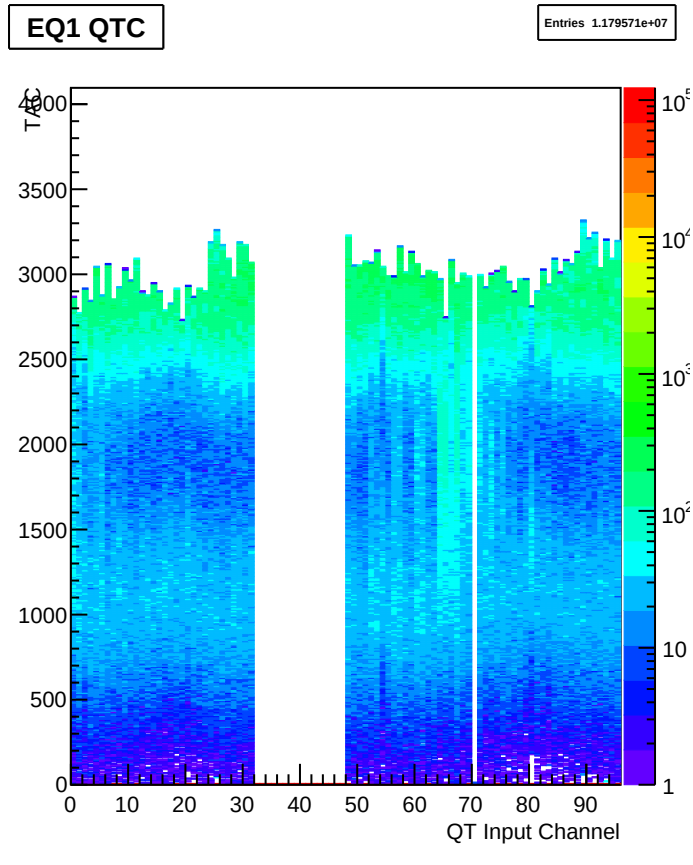

BBQ-VP002 West
Entries 1965952
ADC
QT Input Channel

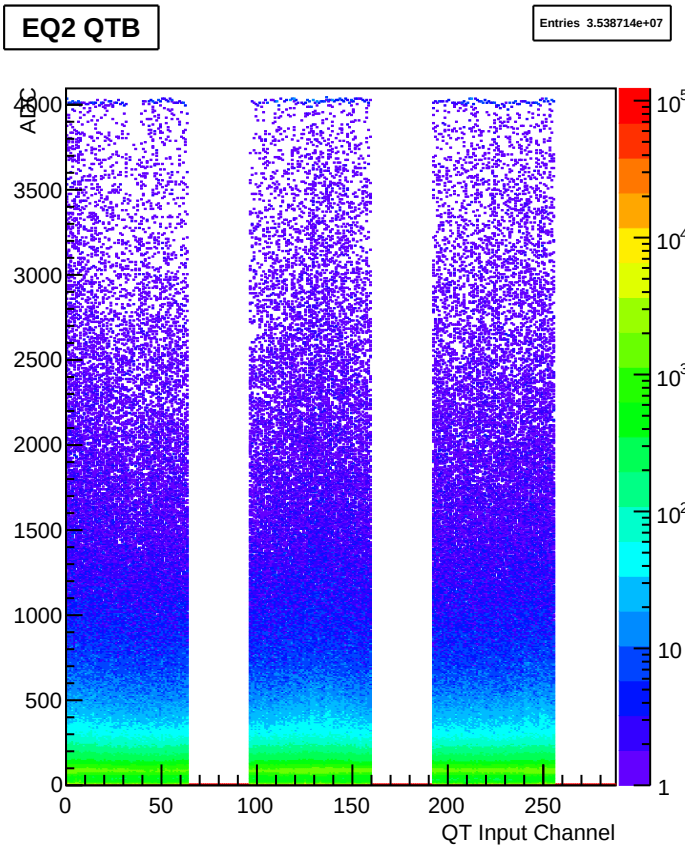

BBQ-VP002 West
Entries 1965952
TAC
QT Input Channel

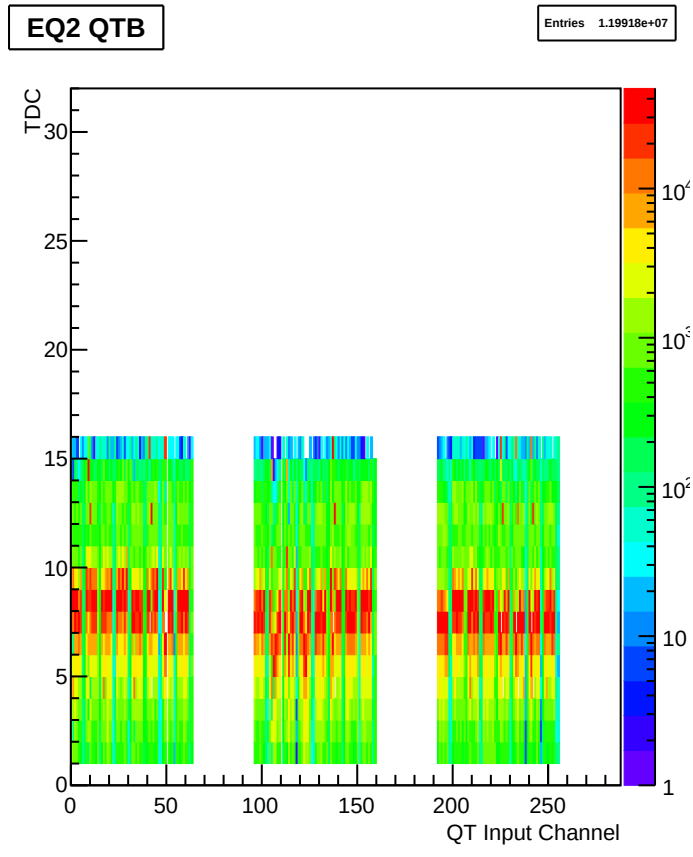

EQ1 QTB
Entries 3.538714e+07
ADC
QT Input Channel

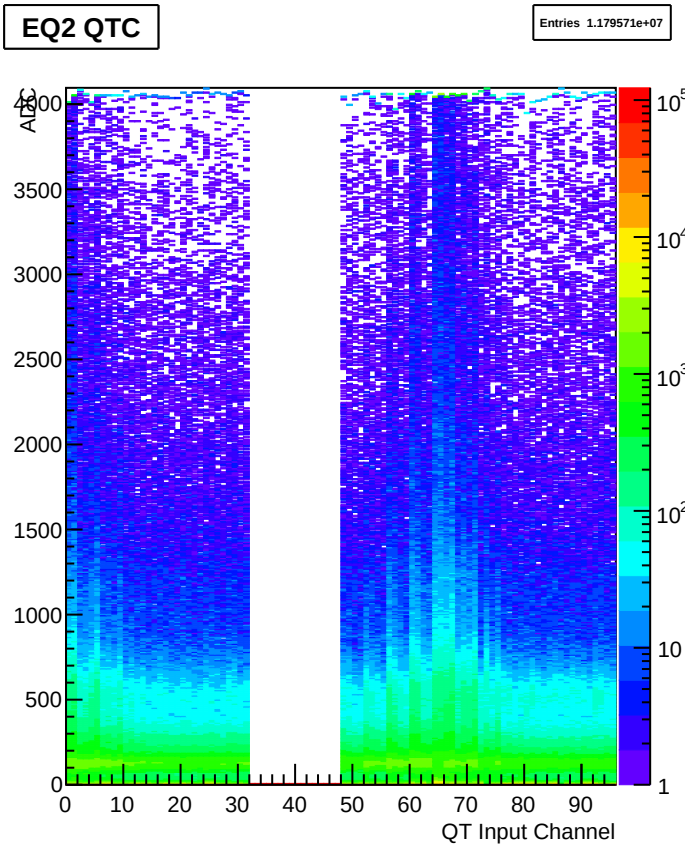

EQ1 QTB
Entries 1.12528e+07
TDC
QT Input Channel

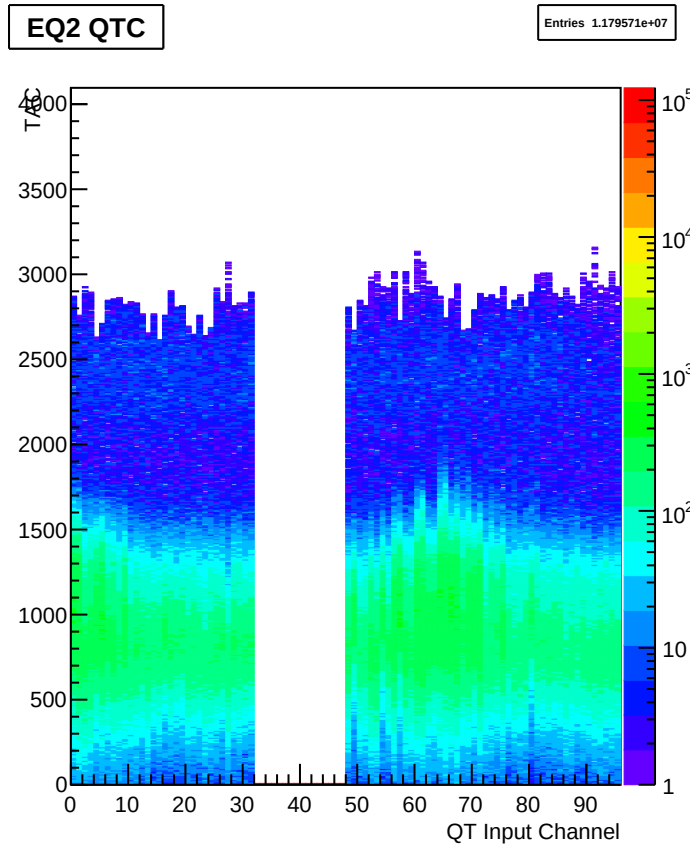

EQ1 QTC
Entries 1.179571e+07
ADC
QT Input Channel

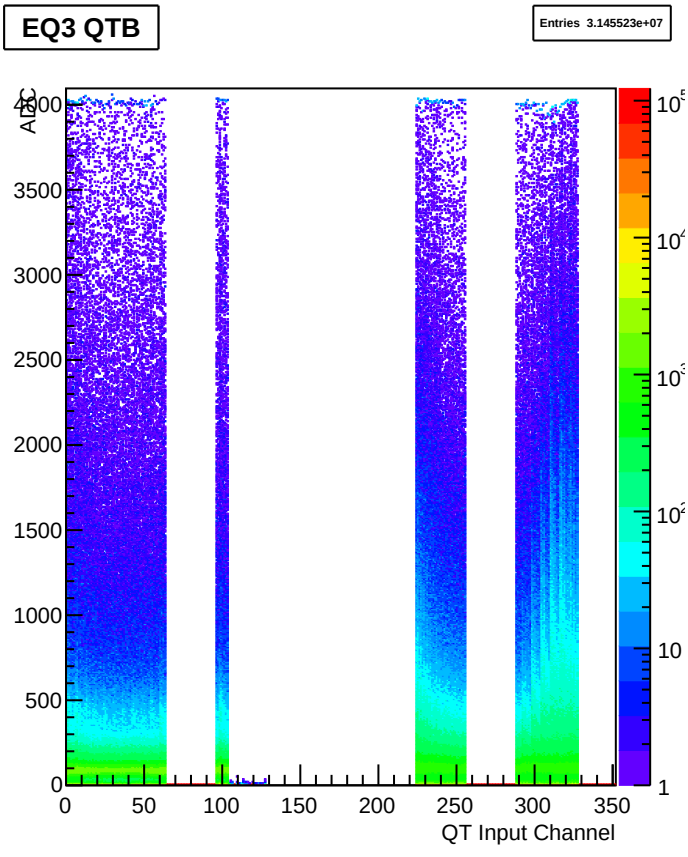

EQ1 QTC
Entries 1.179571e+07
TADC
QT Input Channel

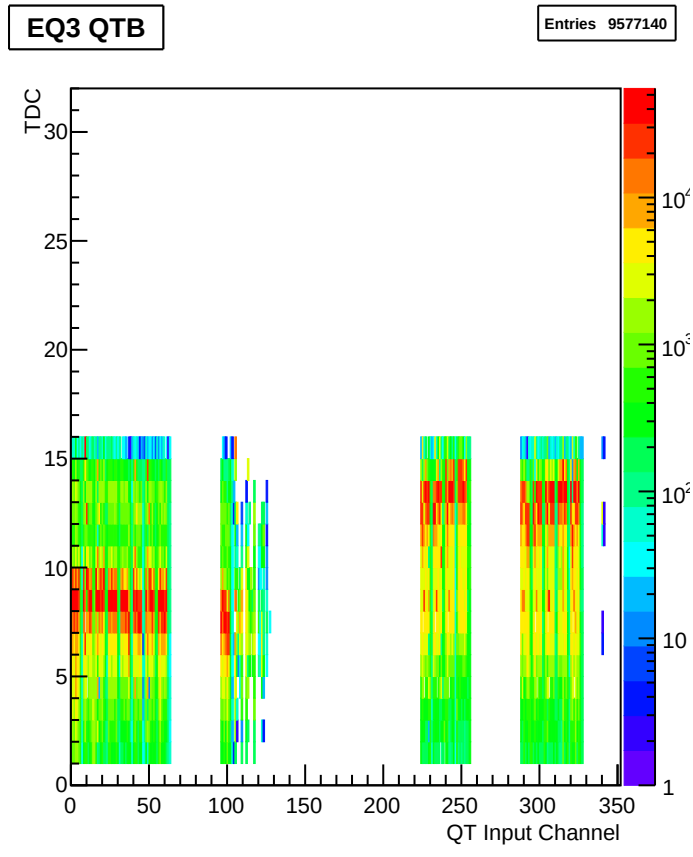

EQ2 QTB
Entries 3.538714e+07
ADC
QT Input Channel

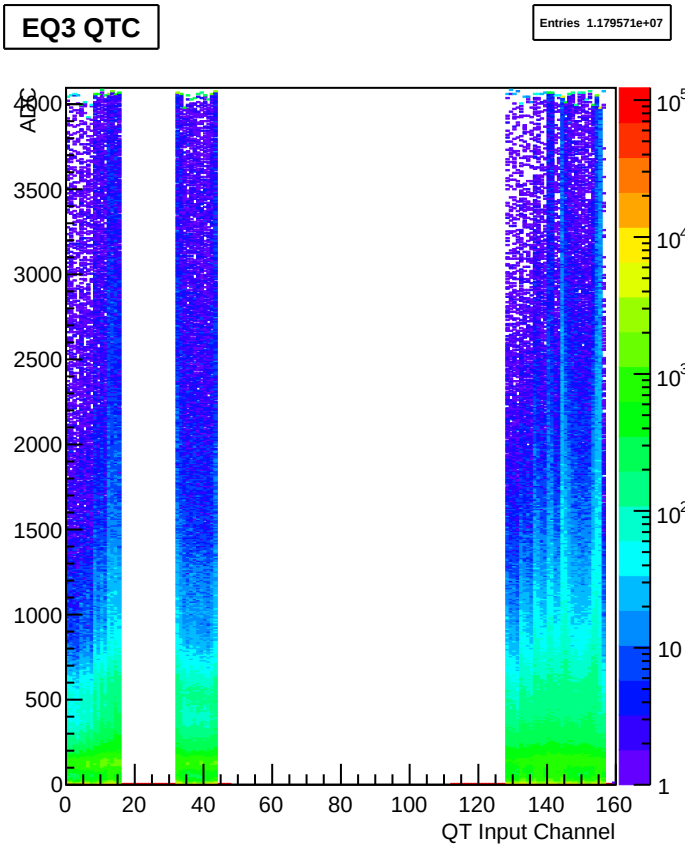

EQ2 QTB
Entries 1.19918e+07
TDC
QT Input Channel

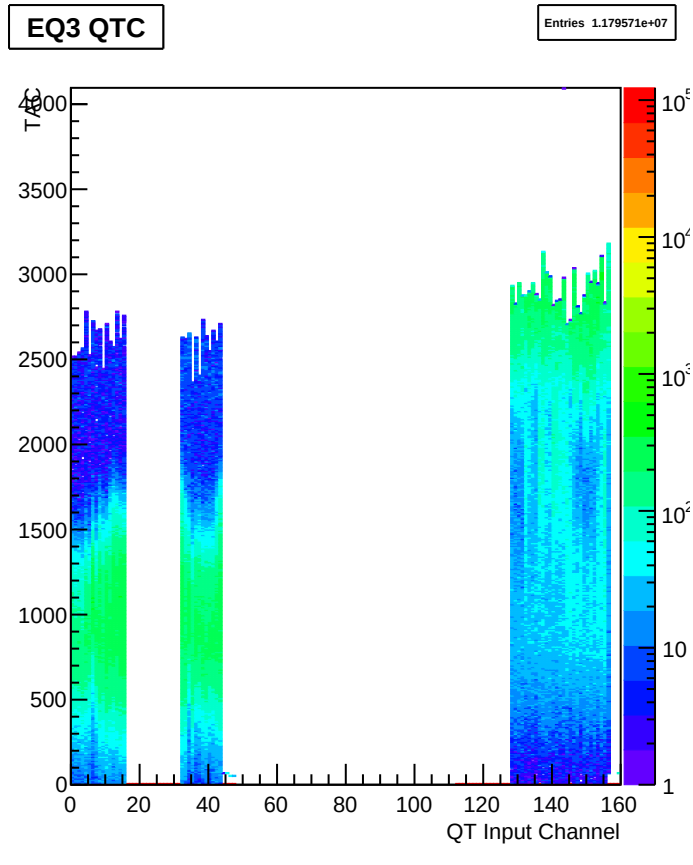

EQ2 QTC
Entries 1.179571e+07
ADC
QT Input Channel

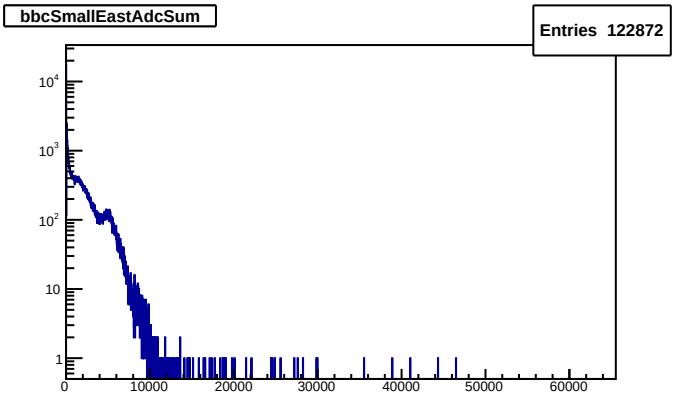

EQ2 QTC
Entries 1.179571e+07
TADC
QT Input Channel

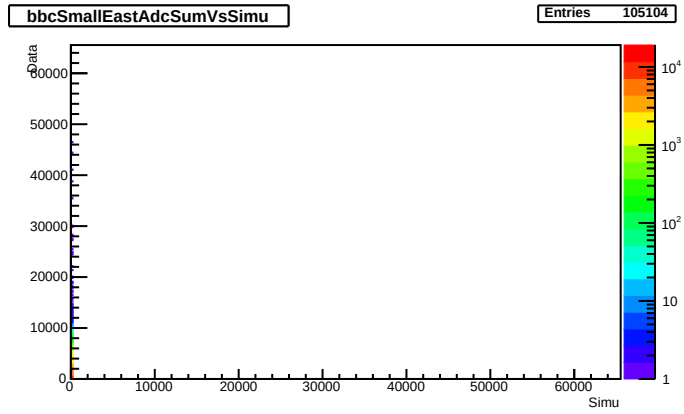

EQ3 QTB
Entries 3.145523e+07
ADC
QT Input Channel

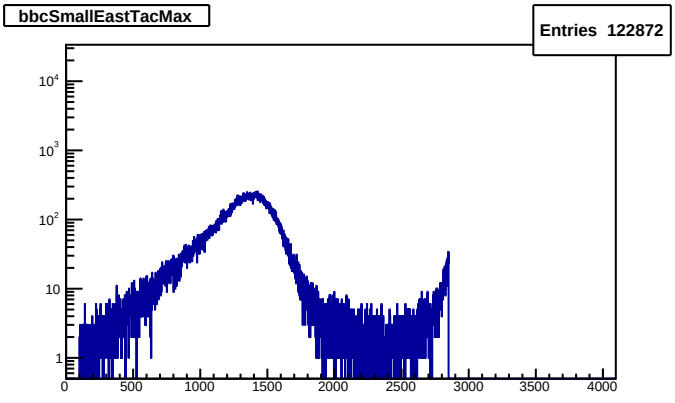

EQ3 QTB
Entries 9577140
TDC
QT Input Channel

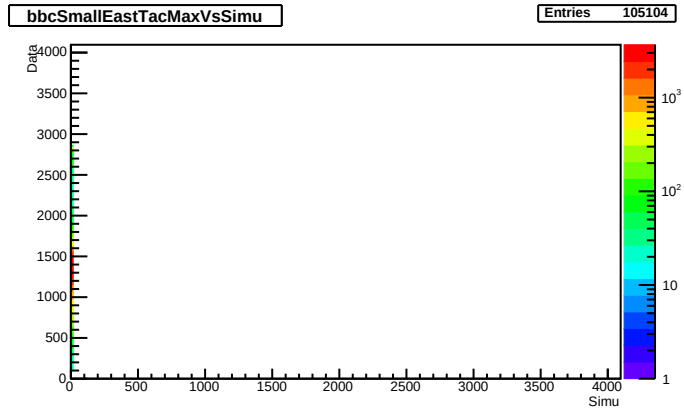

EQ3 QTC
Entries 1.179571e+07
ADC
QT Input Channel

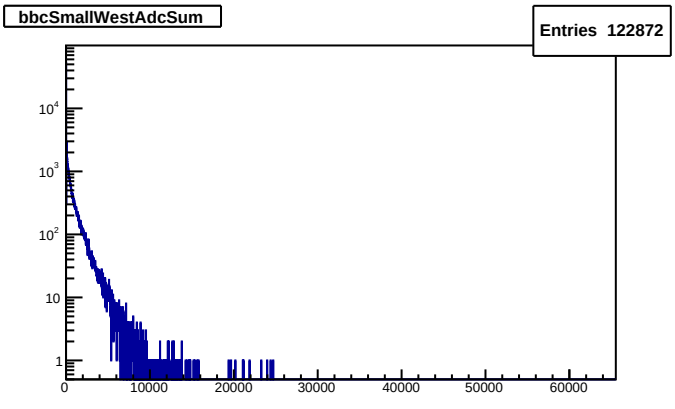

EQ3 QTC
Entries 1.179571e+07
TADC
QT Input Channel

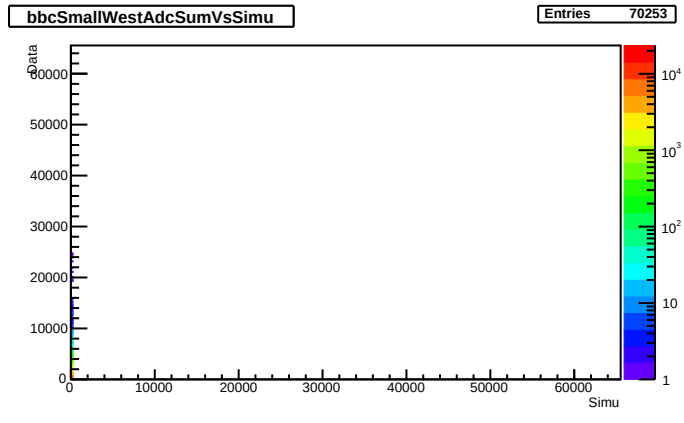

bbcSmallEastAdcSum
Entries 122872

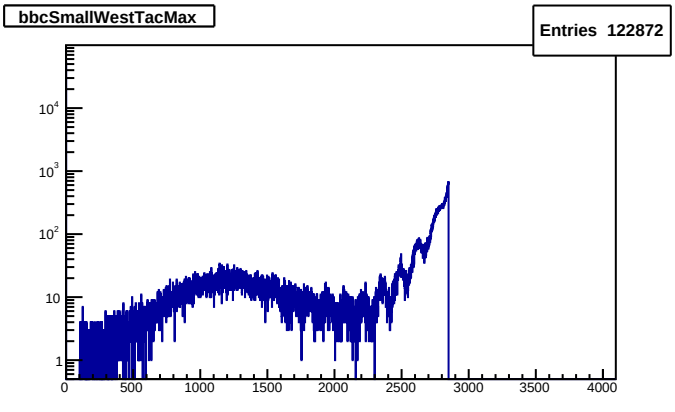

bbcSmallEastAdcSumVsSimu
Entries 105104
Data
Simu

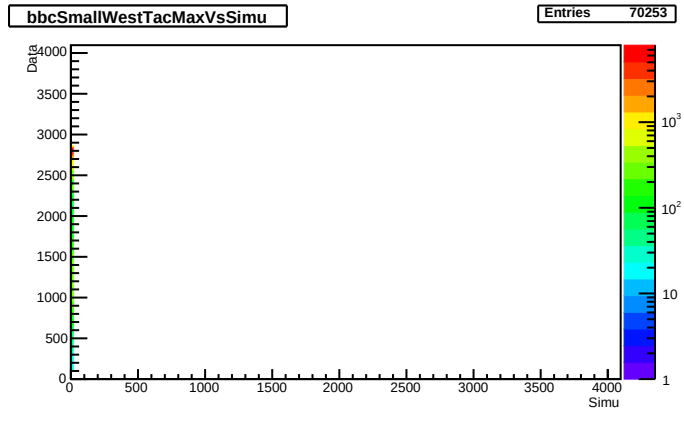

bbcSmallEastTacMax
Entries 122872

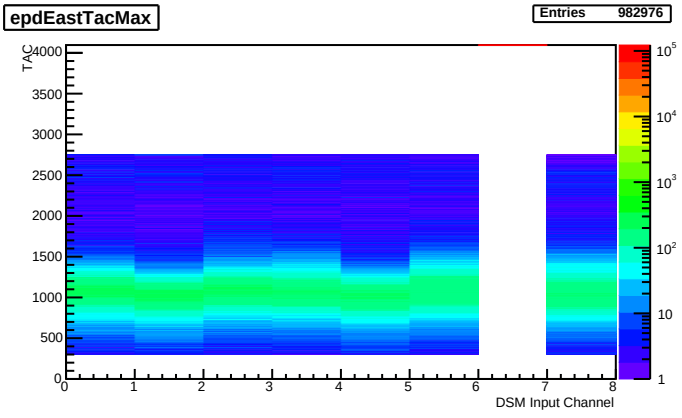

bbcSmallEastTacMaxVsSimu
Entries 105104
Data
Simu

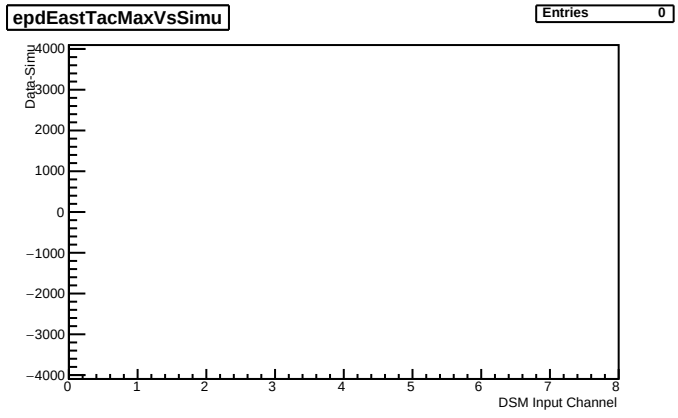

bbcSmallWestAdcSum
Entries 122872

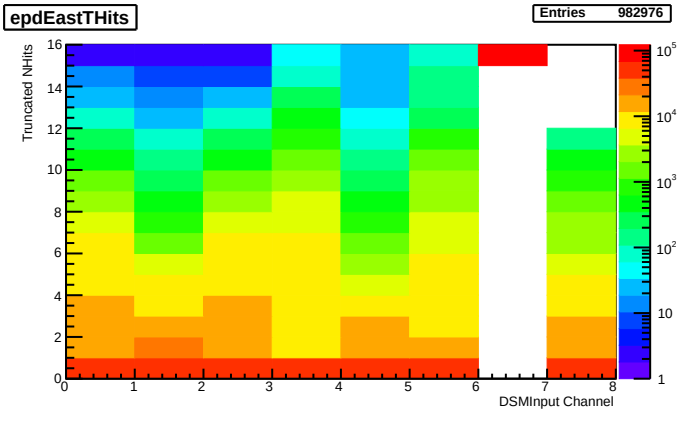

bbcSmallWestAdcSumVsSimu
Entries 70253
Data
Simu

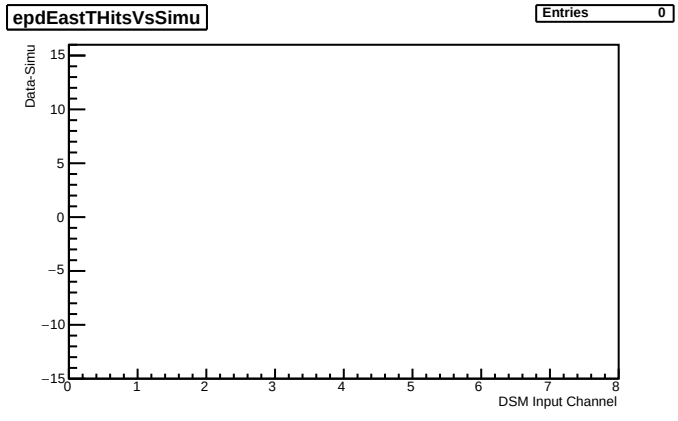

bbcSmallWestTacMax
Entries 122872

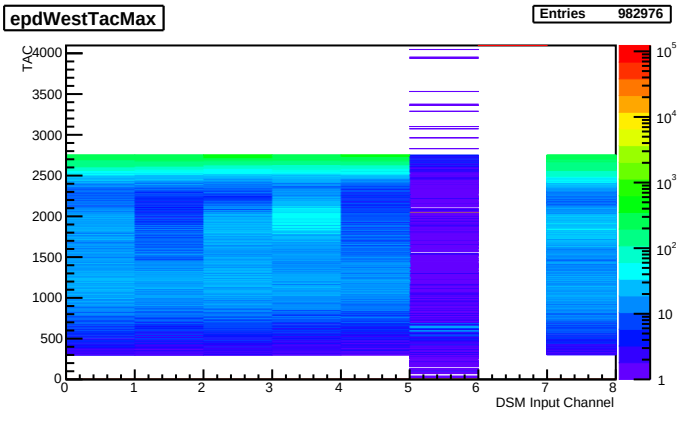

bbcSmallWestTacMaxVsSimu
Entries 70253
Data
Simu

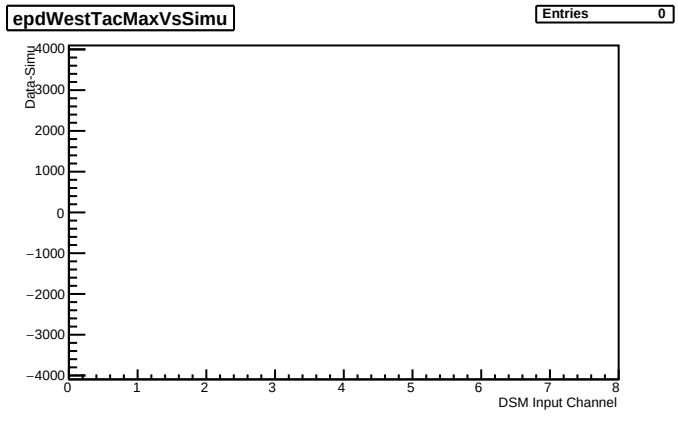

epdEastTacMax
Entries 982976
TAC
DSM Input Channel

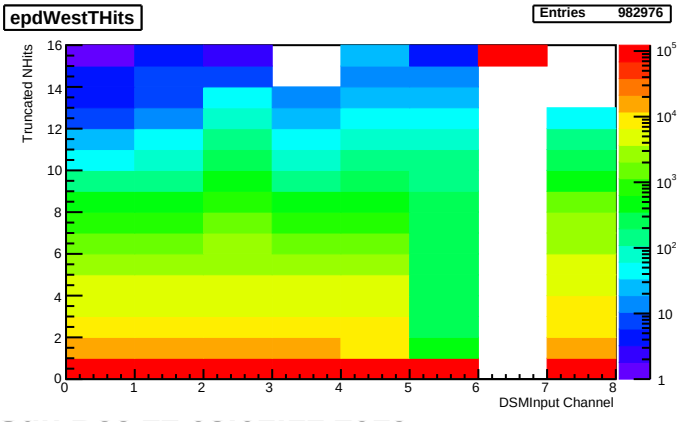

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

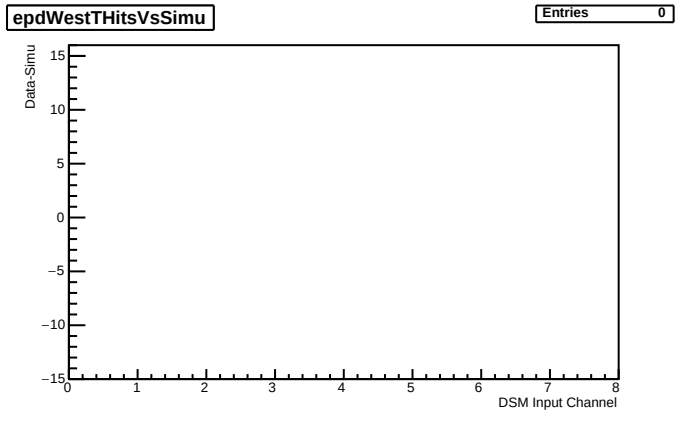

epdEastTHits
Entries 982976
Truncated NHits
DSMInput Channel

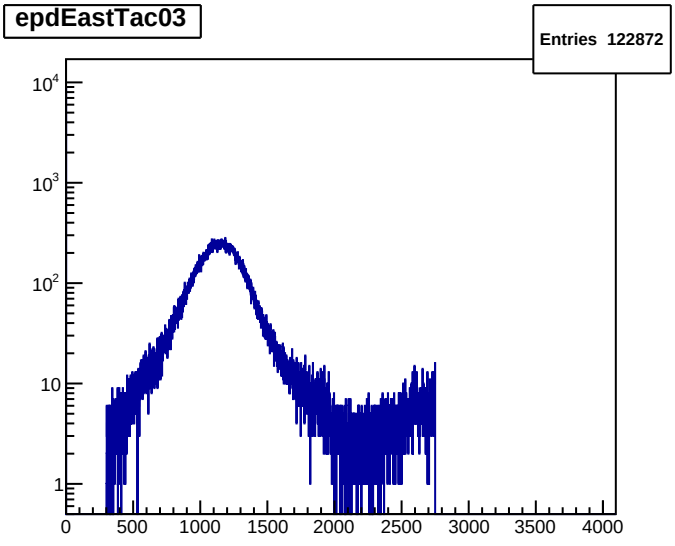

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

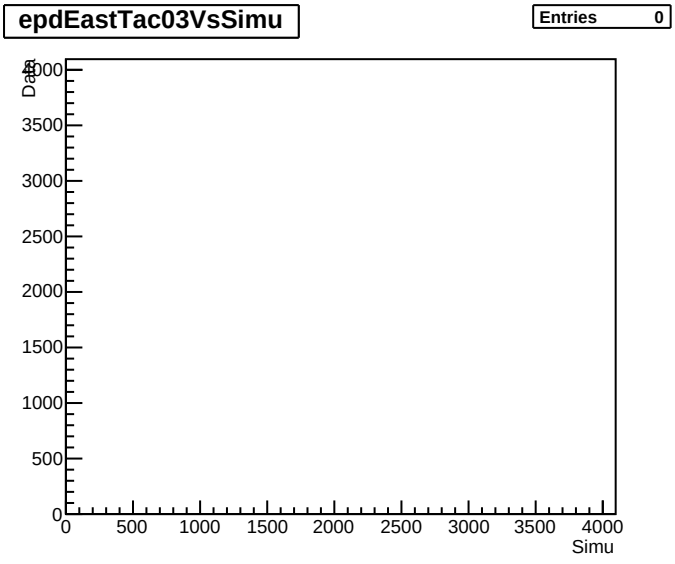

epdWestTacMax
Entries 982976
TAC
DSM Input Channel

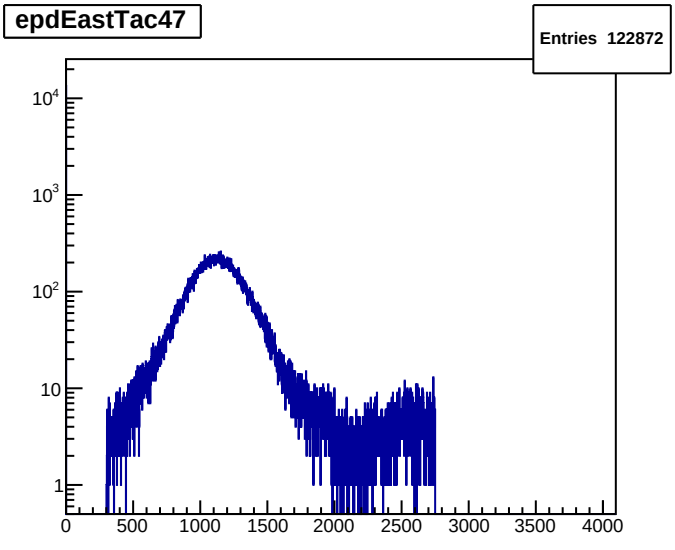

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

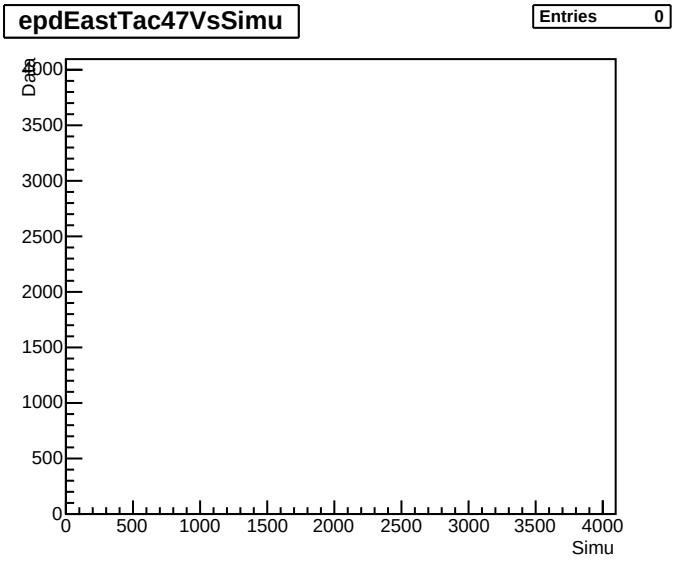

epdWestTHits
Entries 982976
Truncated NHits
DSMInput Channel

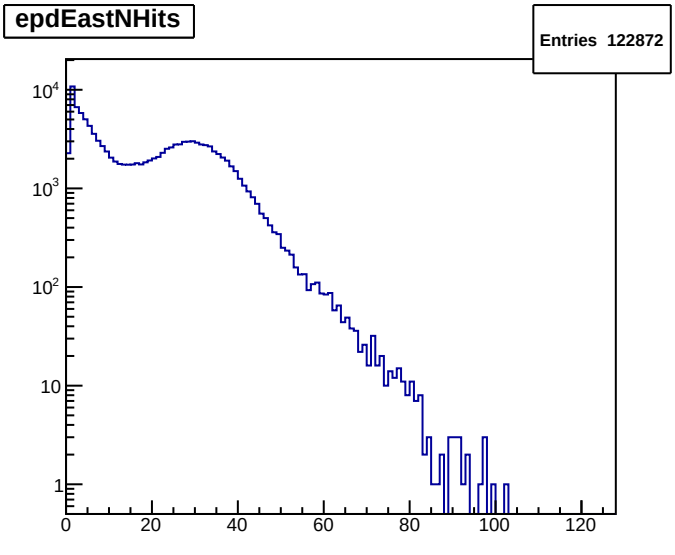

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

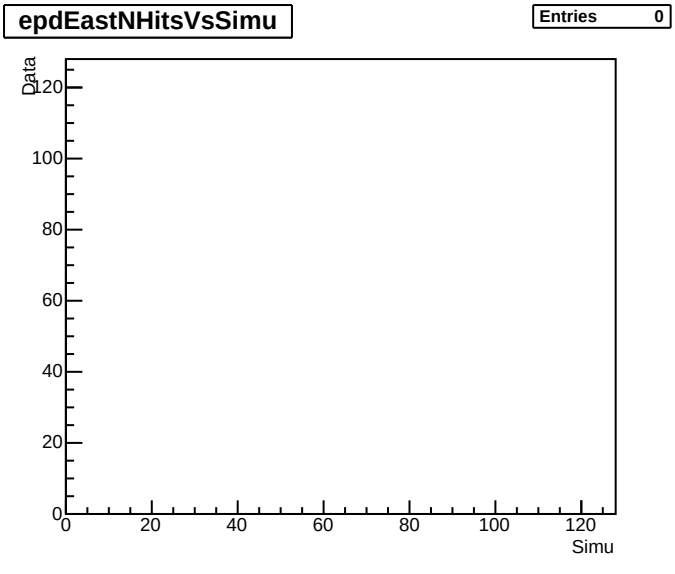

epdEastTac03
Entries 122872

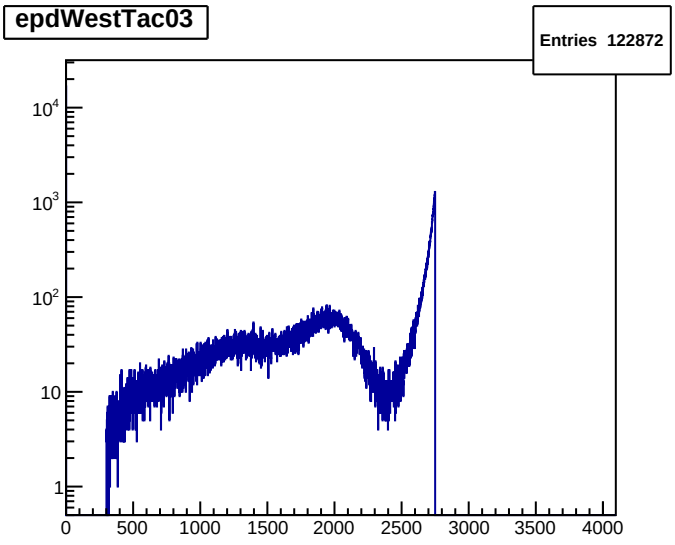

epdEastTac03VsSimu
Entries 0
Data
Simu

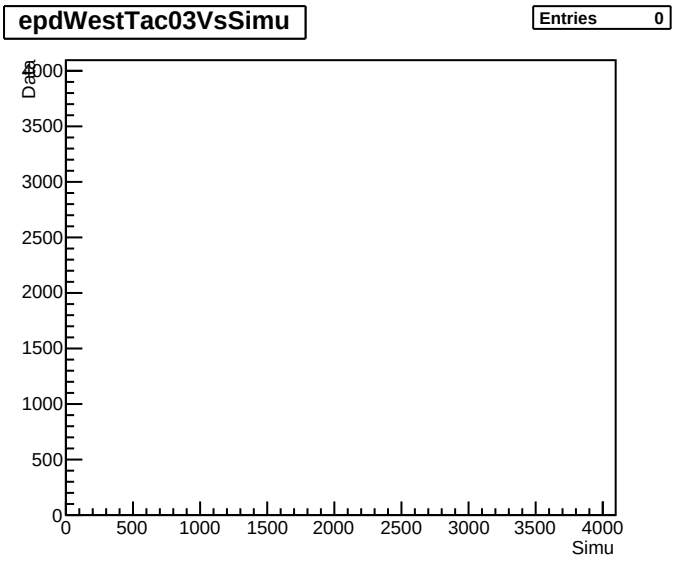

epdEastTac47
Entries 122872

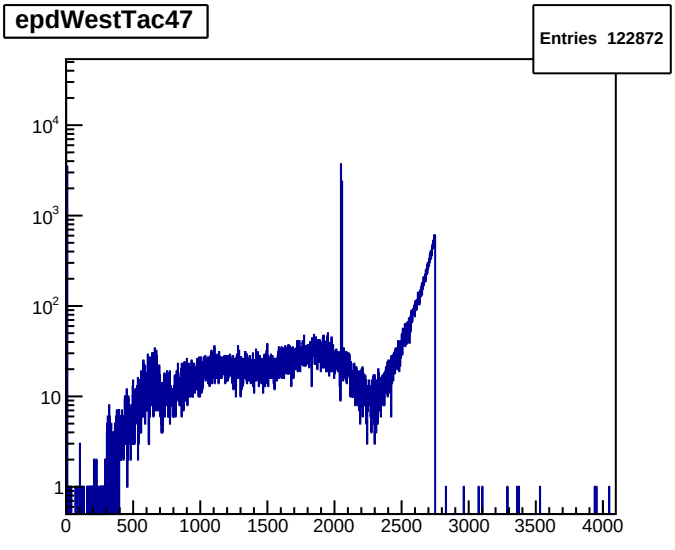

epdEastTac47VsSimu
Entries 0
Data
Simu

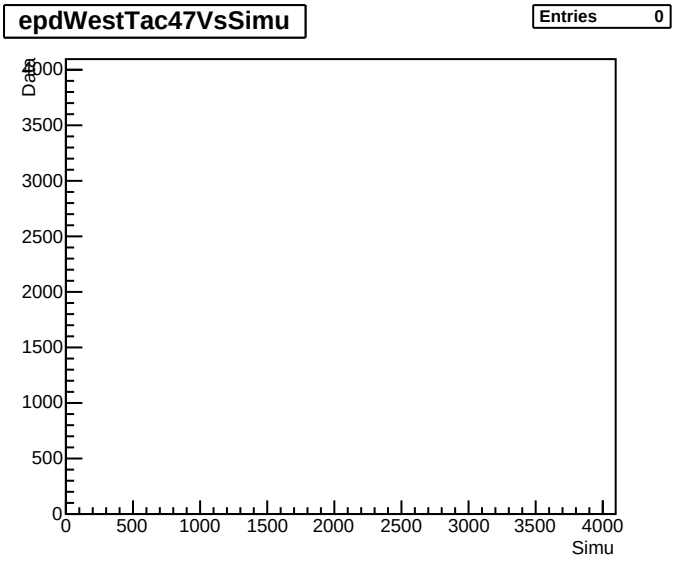

epdEastNHits
Entries 122872

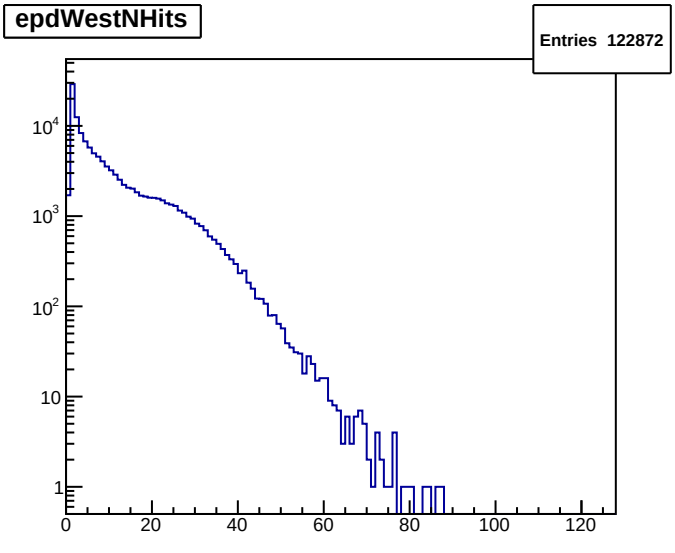

epdEastNHitsVsSimu
Entries 0
Data
Simu

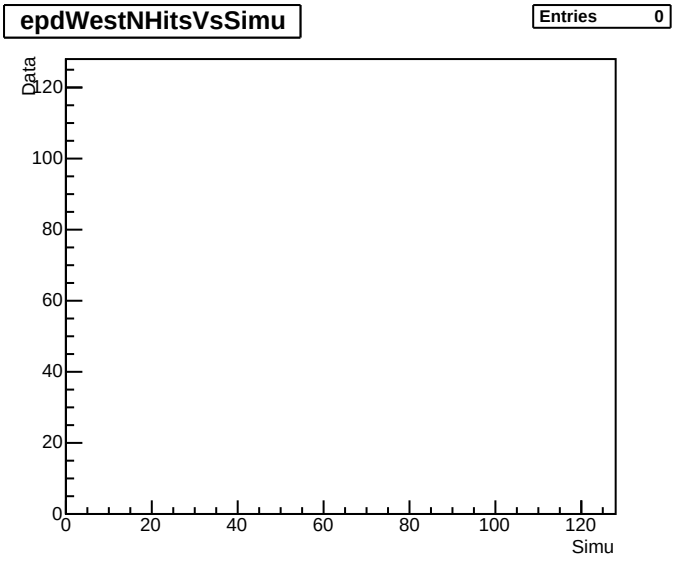

epdWestTac03
Entries 122872

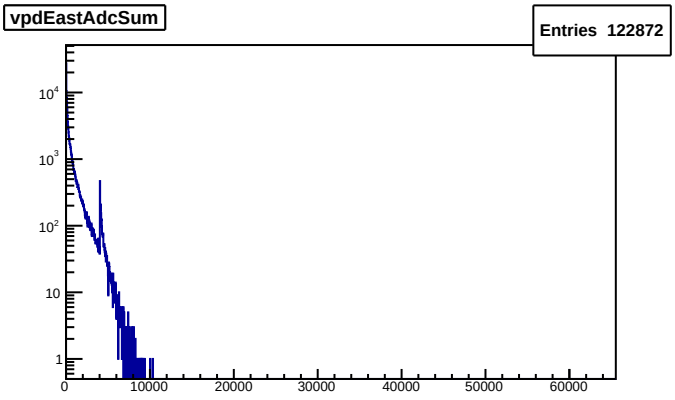

epdWestTac03VsSimu
Entries 0
Data
Simu

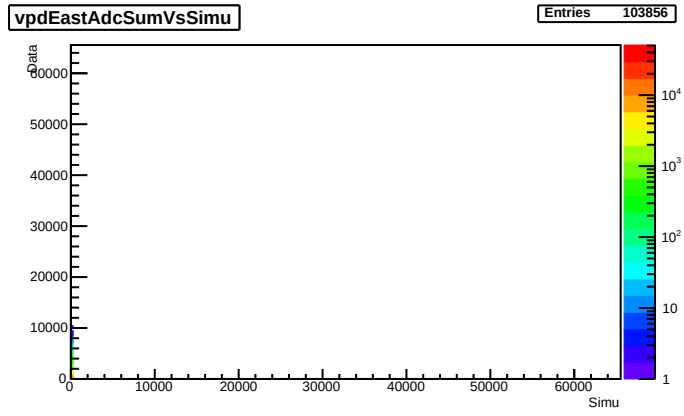

epdWestTac47
Entries 122872

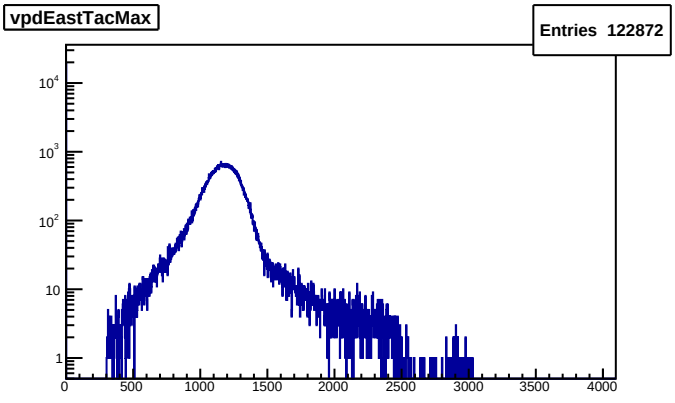

epdWestTac47VsSimu
Entries 0
Data
Simu

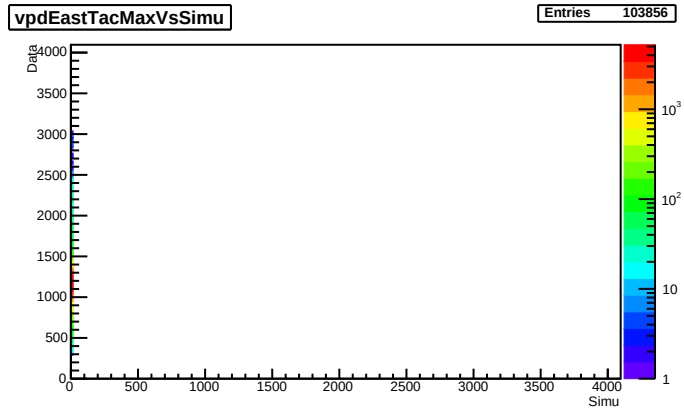

epdWestNHits
Entries 122872

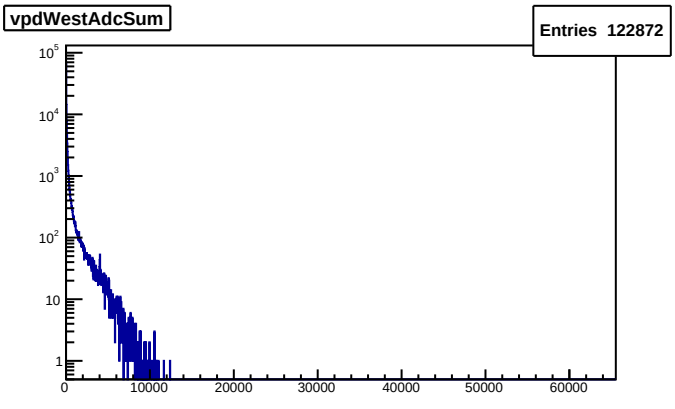

epdWestNHitsVsSimu
Entries 0
Data
Simu

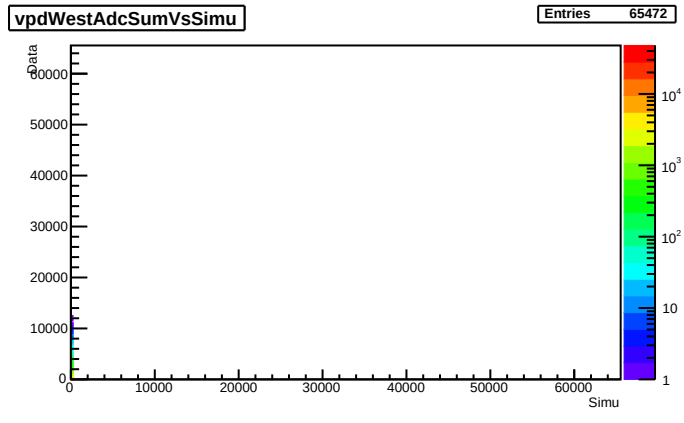

vpdEastAdcSum
Entries 122872

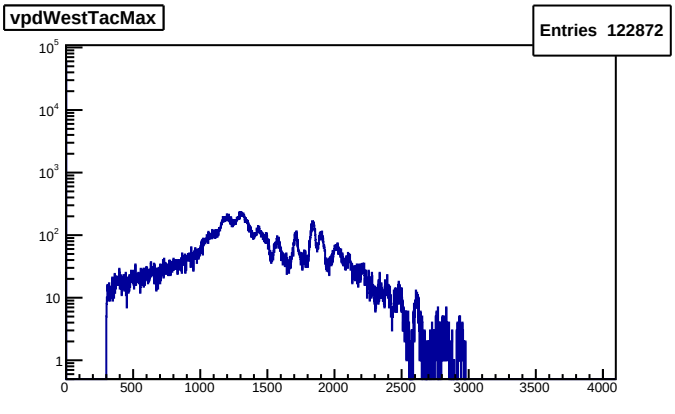

vpdEastAdcSumVsSimu
Entries 103856
Data
Simu

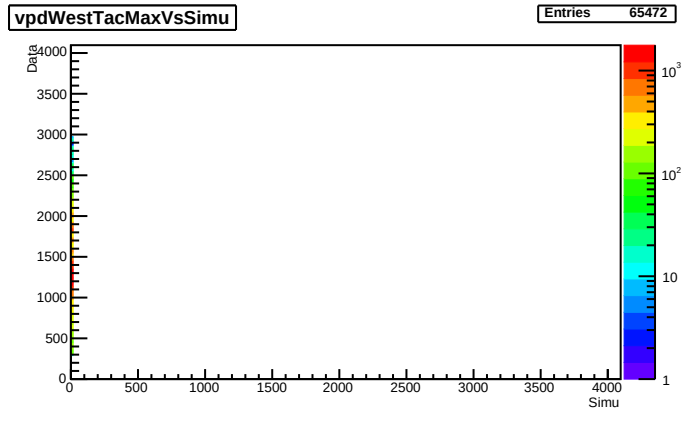

vpdEastTacMax
Entries 122872

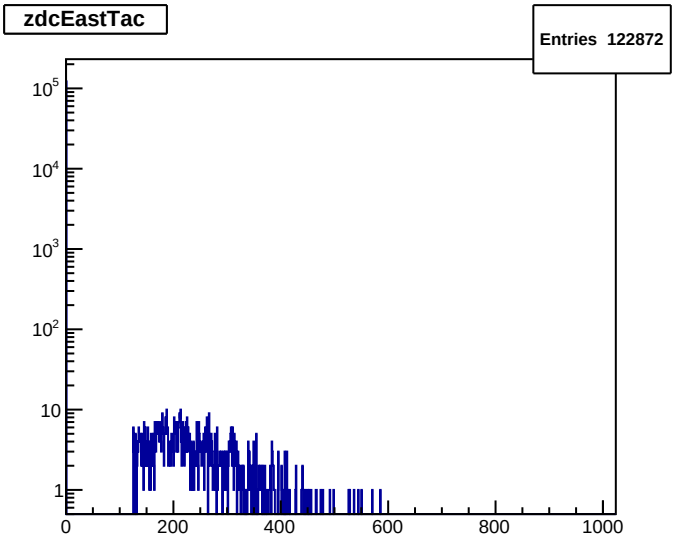

vpdEastTacMaxVsSimu
Entries 103856
Data
Simu

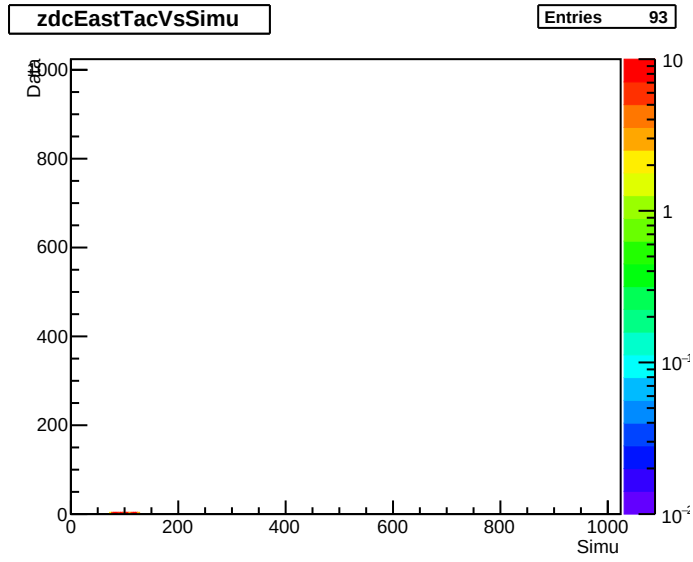

vpdWestAdcSum
Entries 122872

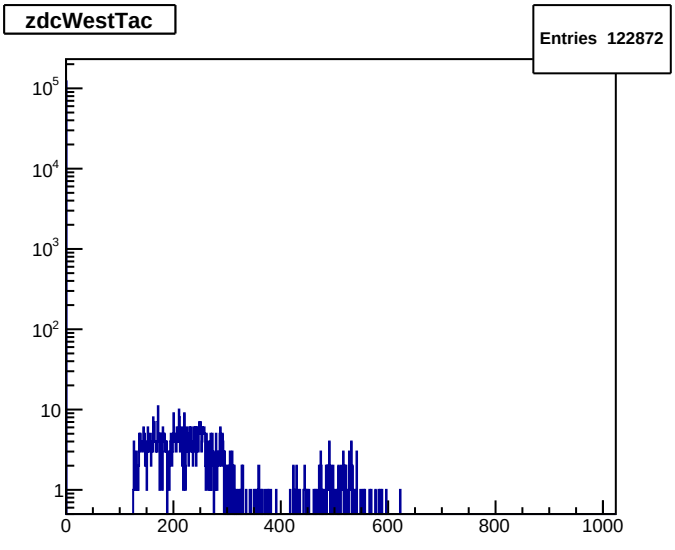

vpdWestAdcSumVsSimu
Entries 65472
Data
Simu

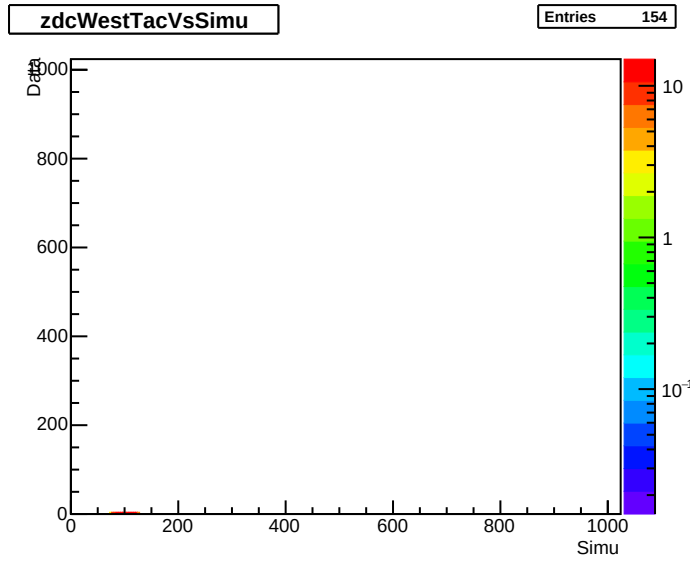

vpdWestTacMax
Entries 122872

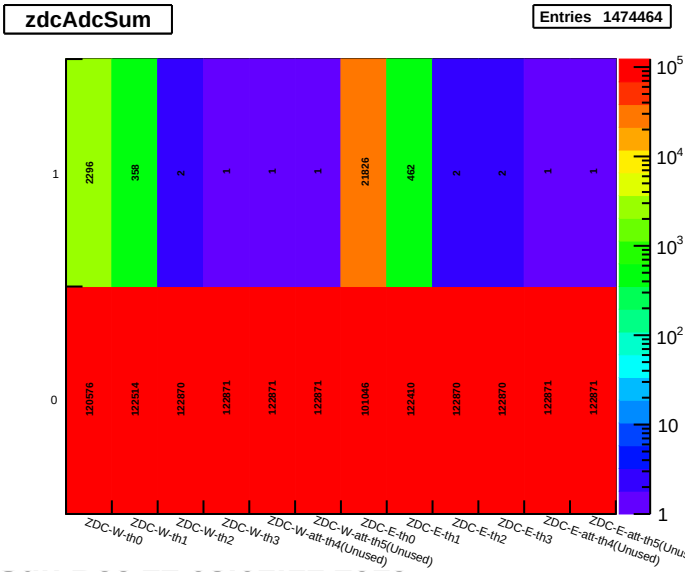

vpdWestTacMaxVsSimu
Entries 65472
Data
Simu

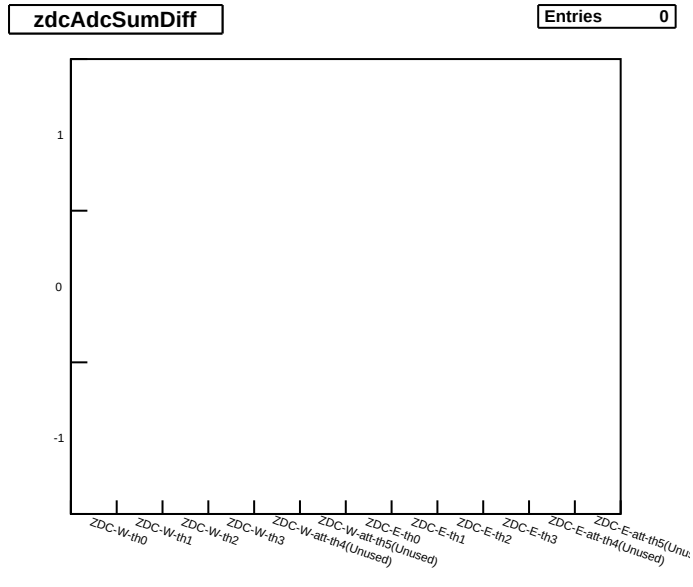

zdcEastTac
Entries 122872

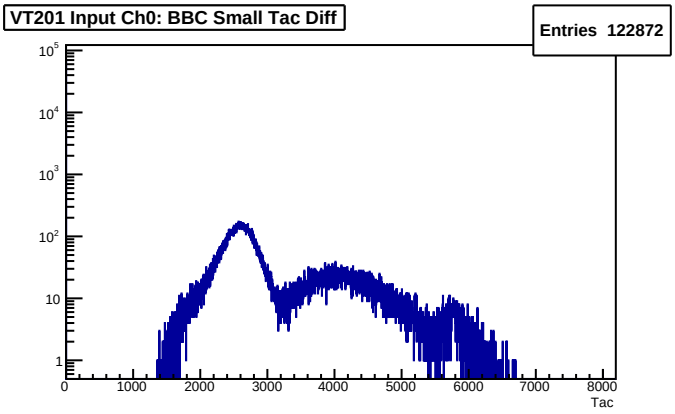

zdcEastTacVsSimu
Entries 93
Data
Simu

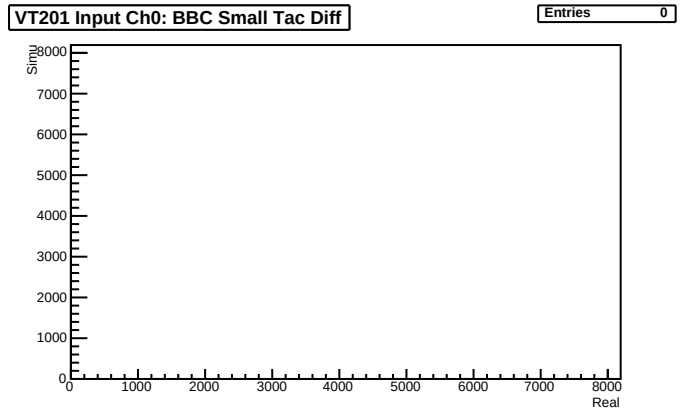

zdcWestTac
Entries 122872

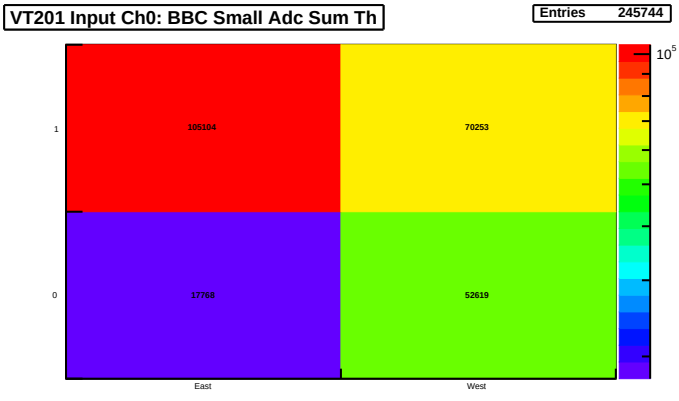

zdcWestTacVsSimu
Entries 154
Data
Simu

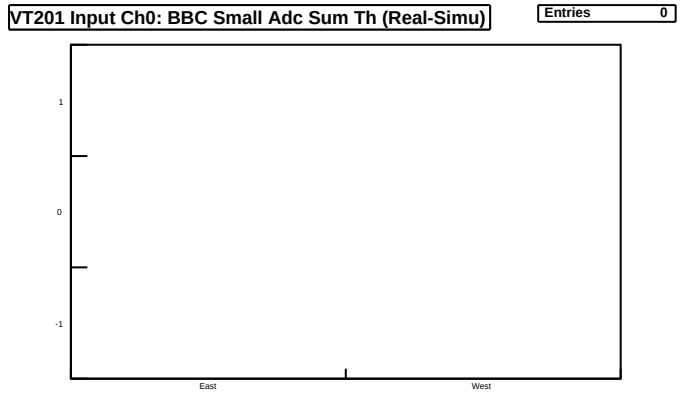

zdcAdcSum
Entries 1474464
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

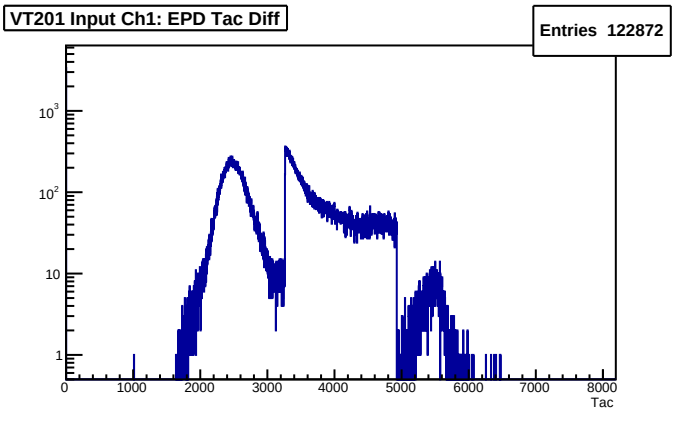

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

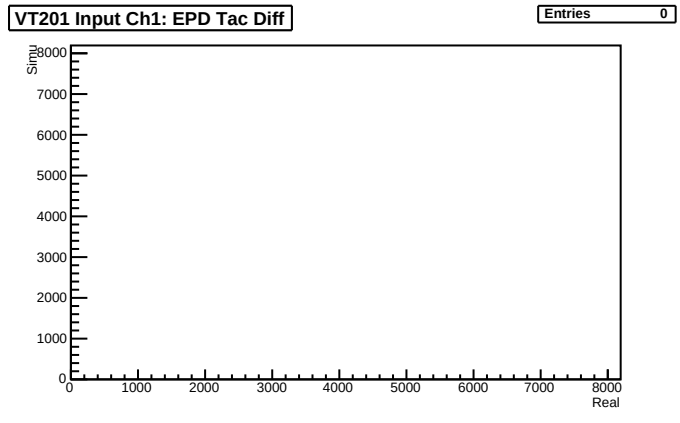

VT201 Input Ch0: BBC Small Tac Diff
Entries 122872
Tac

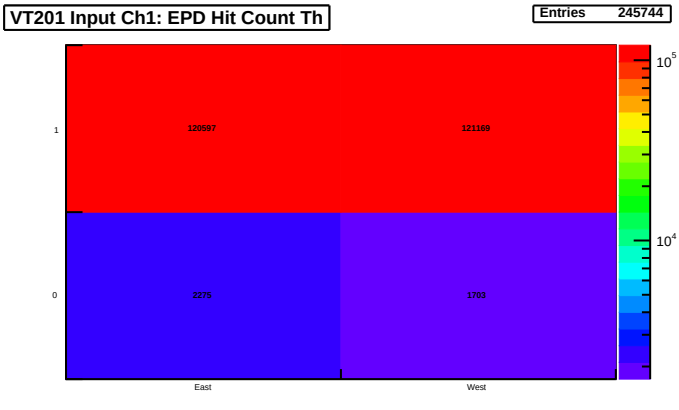

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

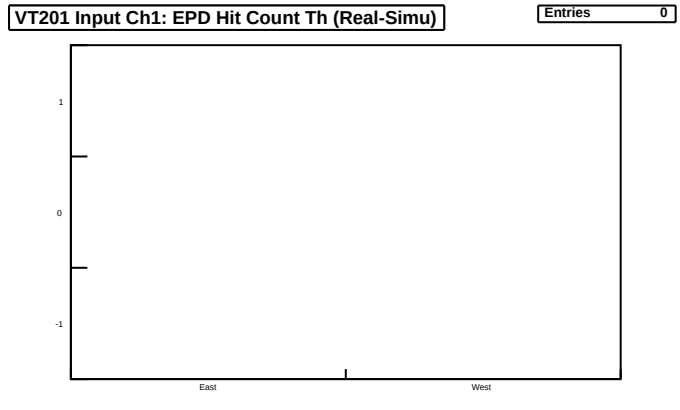

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 245744
105104
70253
17768
52619
East
West

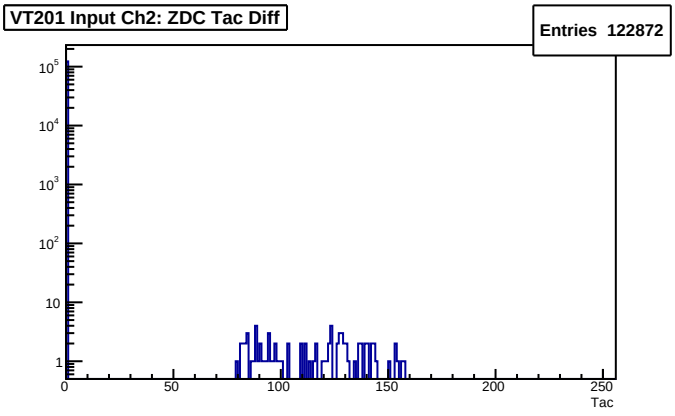

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

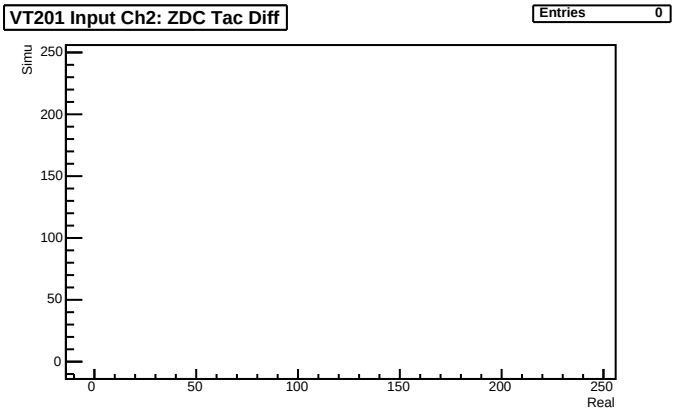

VT201 Input Ch1: EPD Tac Diff
Entries 122872
Tac

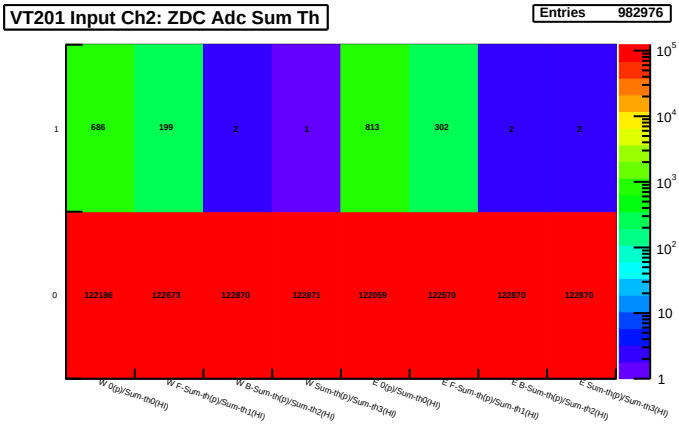

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

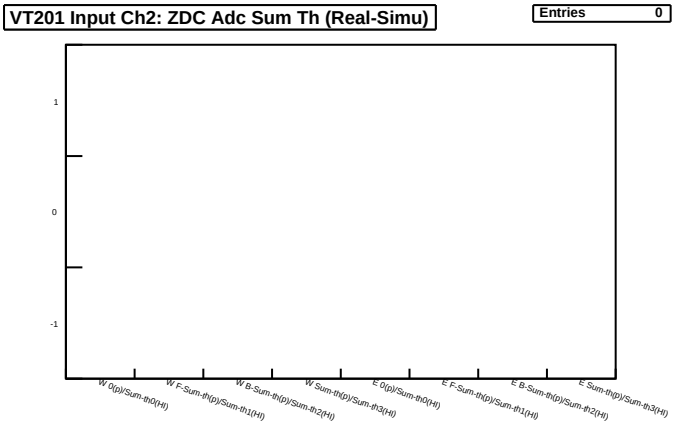

VT201 Input Ch1: EPD Hit Count Th
Entries 245744
120597
121169
2275
1703
East
West

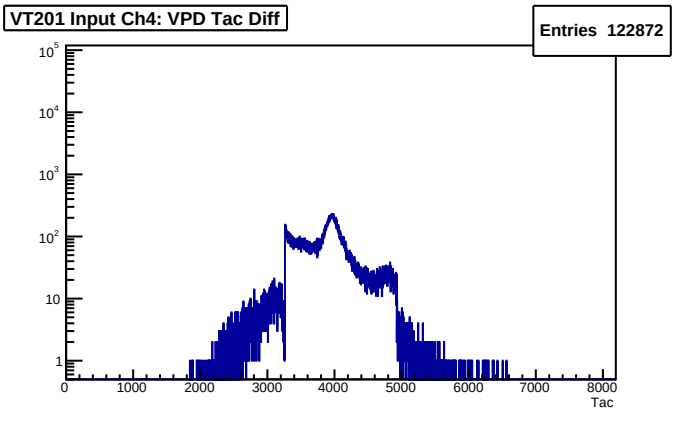

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

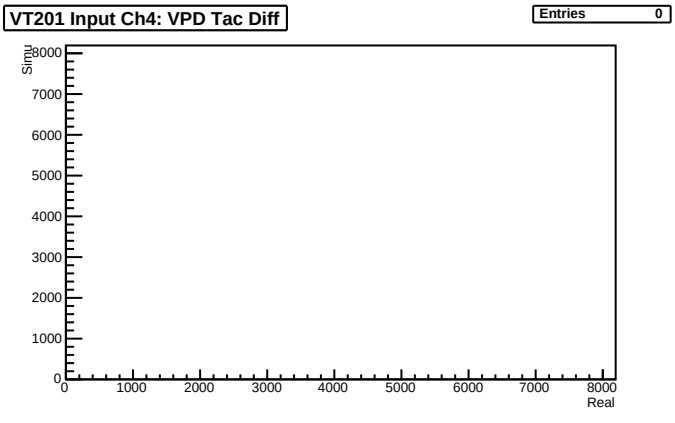

VT201 Input Ch2: ZDC Tac Diff
Entries 122872
Tac

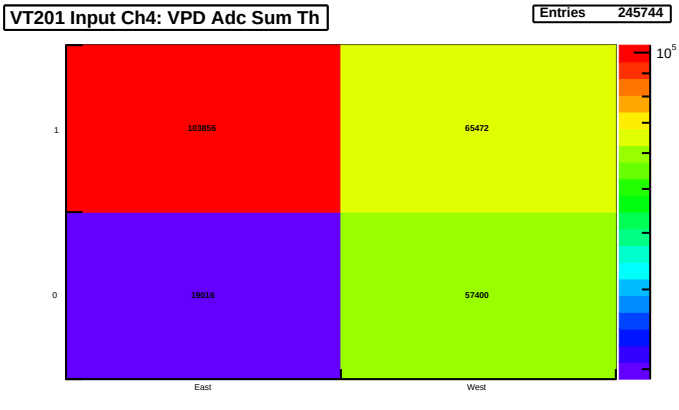

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

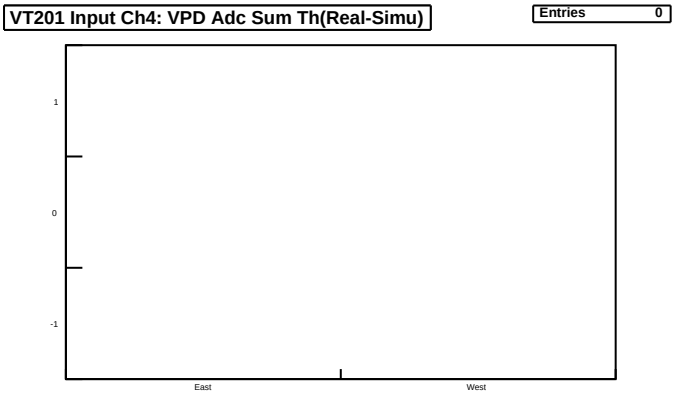

VT201 Input Ch2: ZDC Adc Sum Th
Entries 982976
686
199
2
1
813
302
2
2
122186
122673
122870
122871
122059
122570
122870
122870
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

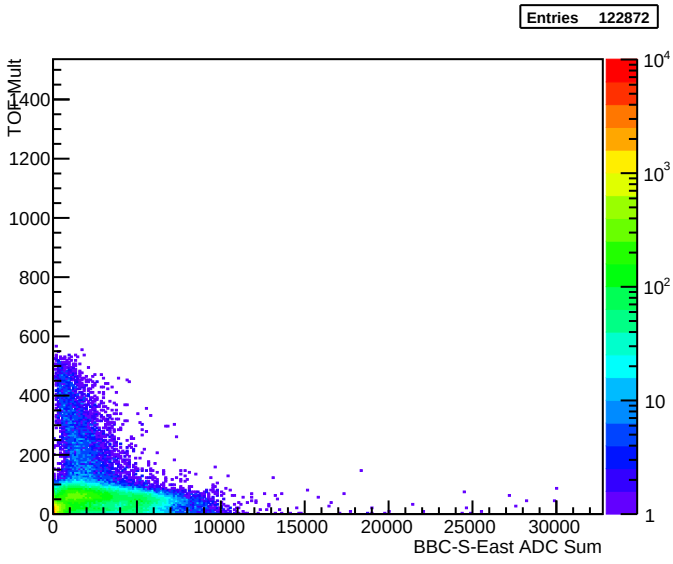

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

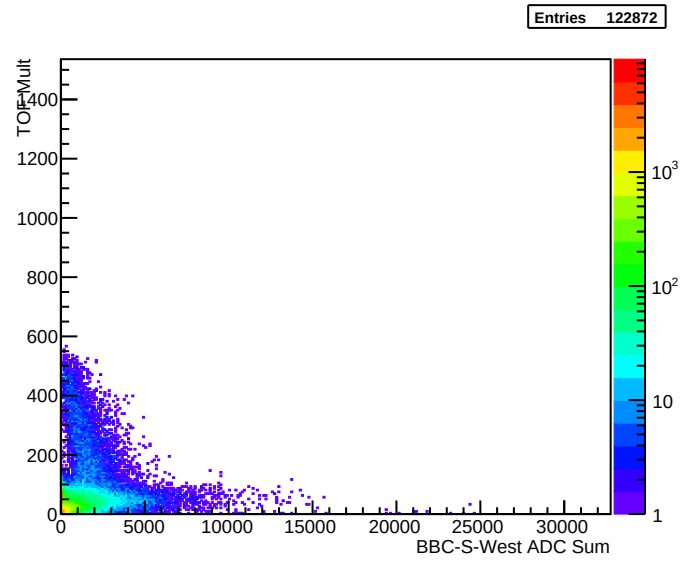

VT201 Input Ch4: VPD Tac Diff
Entries 122872
Tac

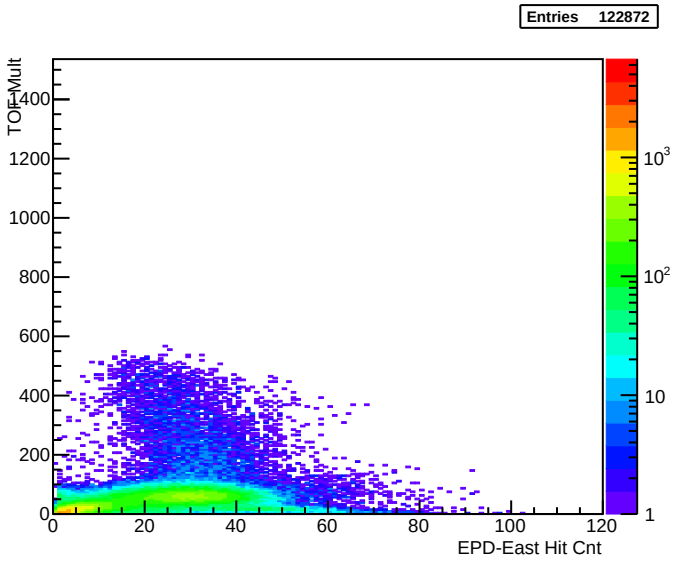

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

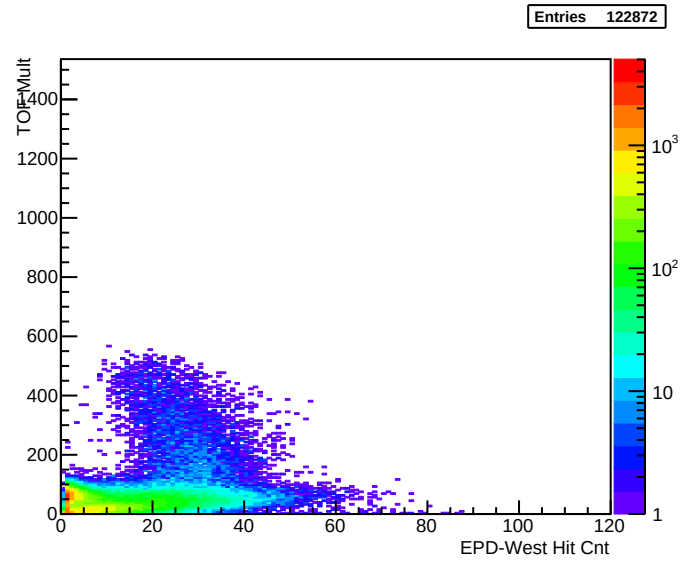

VT201 Input Ch4: VPD Adc Sum Th
Entries 245744
103856
65472
19016
57400
East
West

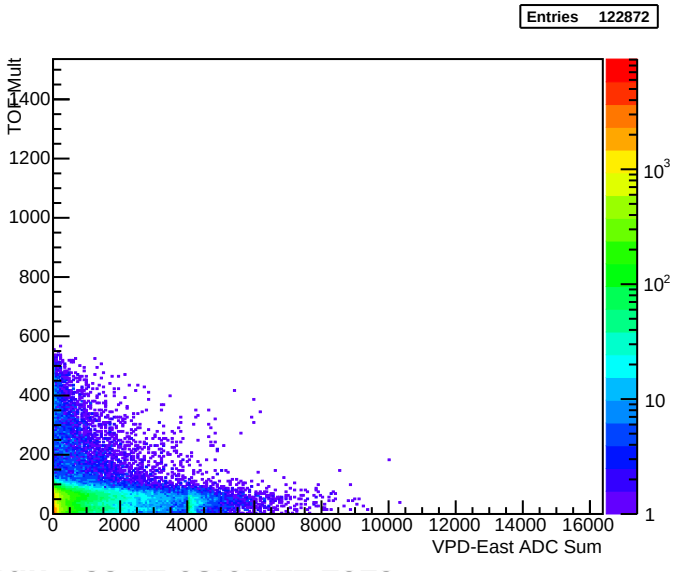

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

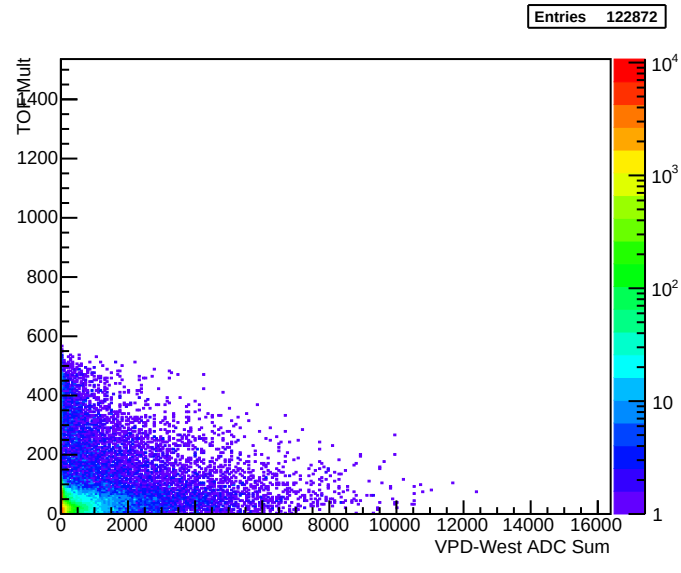

Entries 122872
TOF-Mult
BBC-S-East ADC Sum

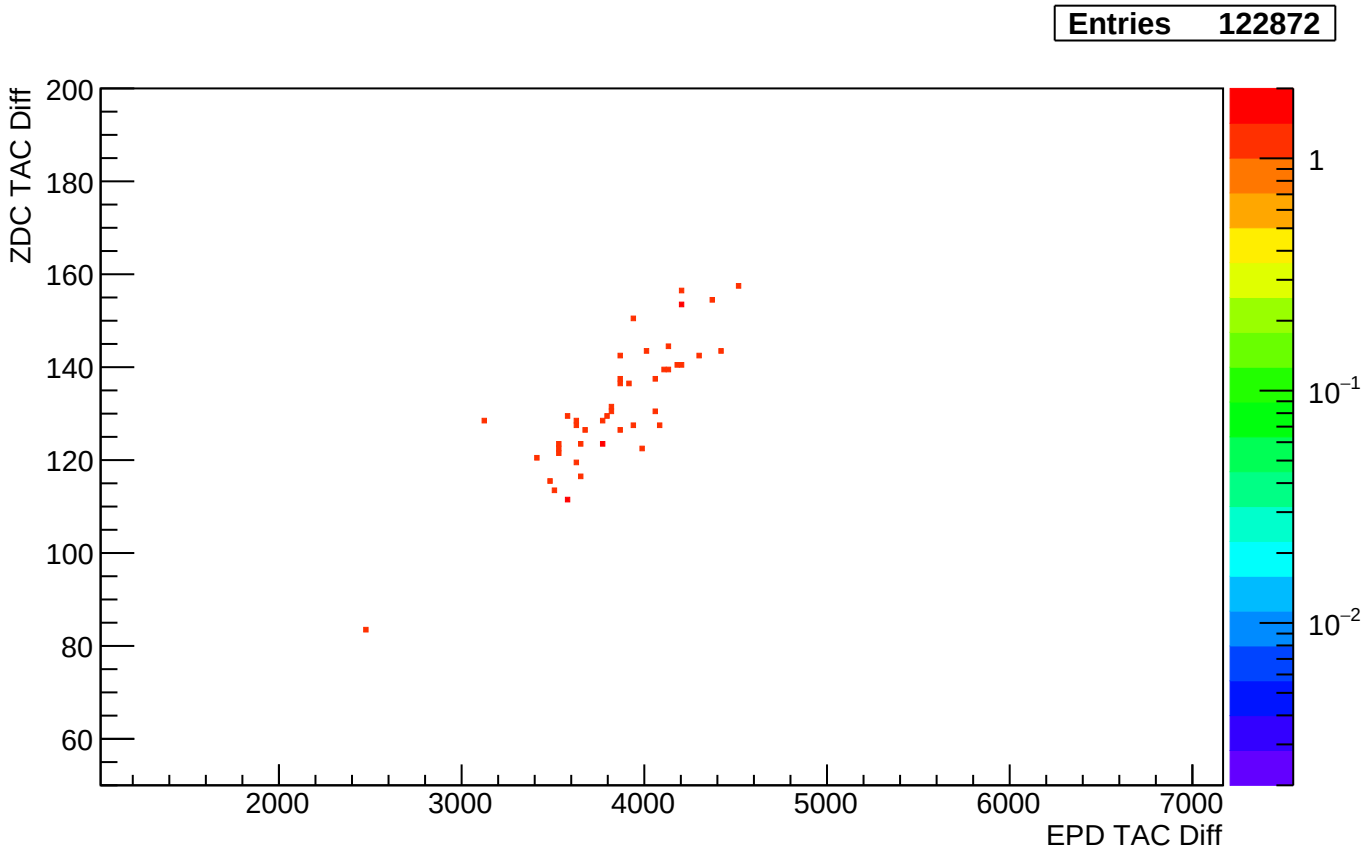

Entries 122872
TOF-Mult
BBC-S-West ADC Sum

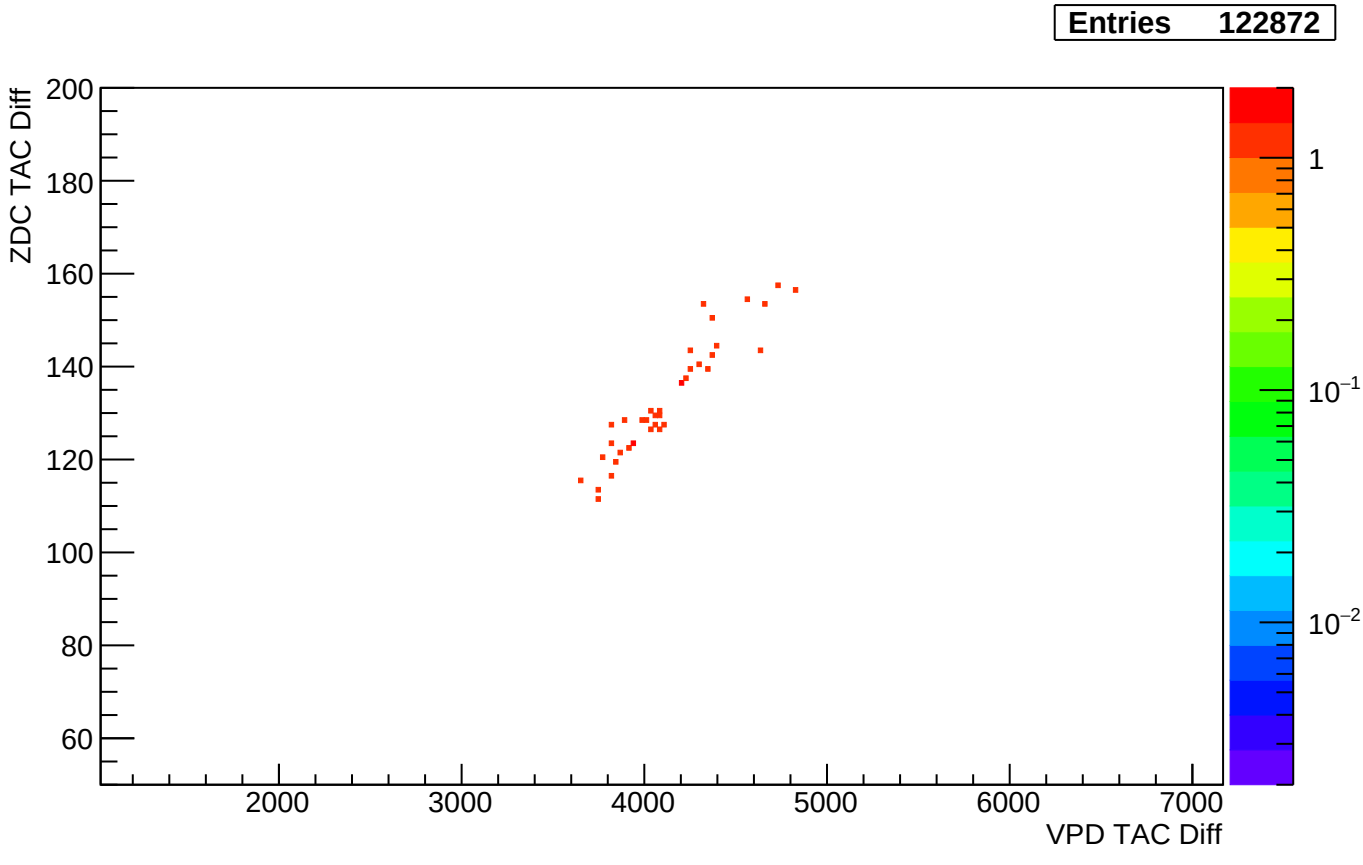

Entries 122872
TOF-Mult
EPD-East Hit Cnt

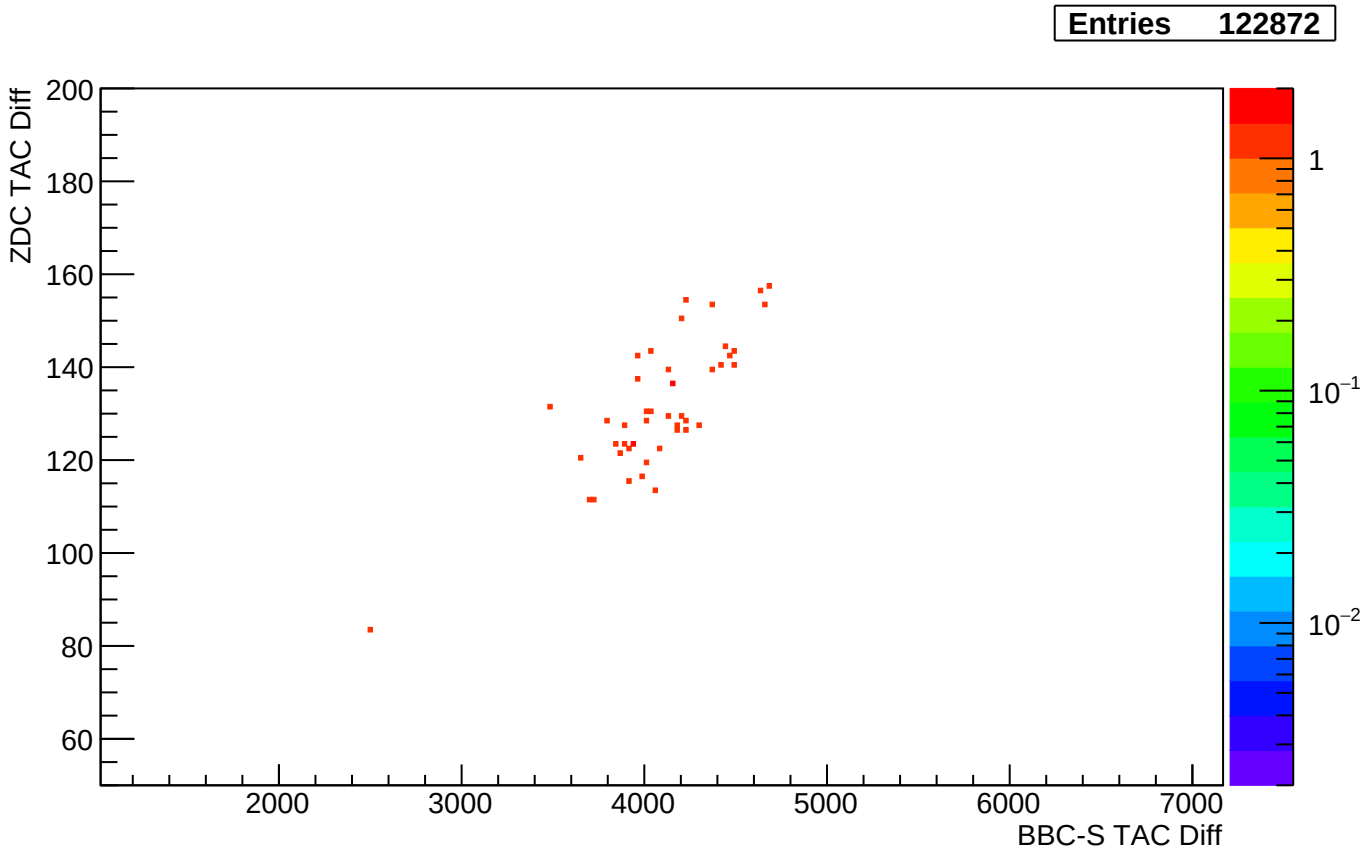

Entries 122872
TOF-Mult
EPD-West Hit Cnt

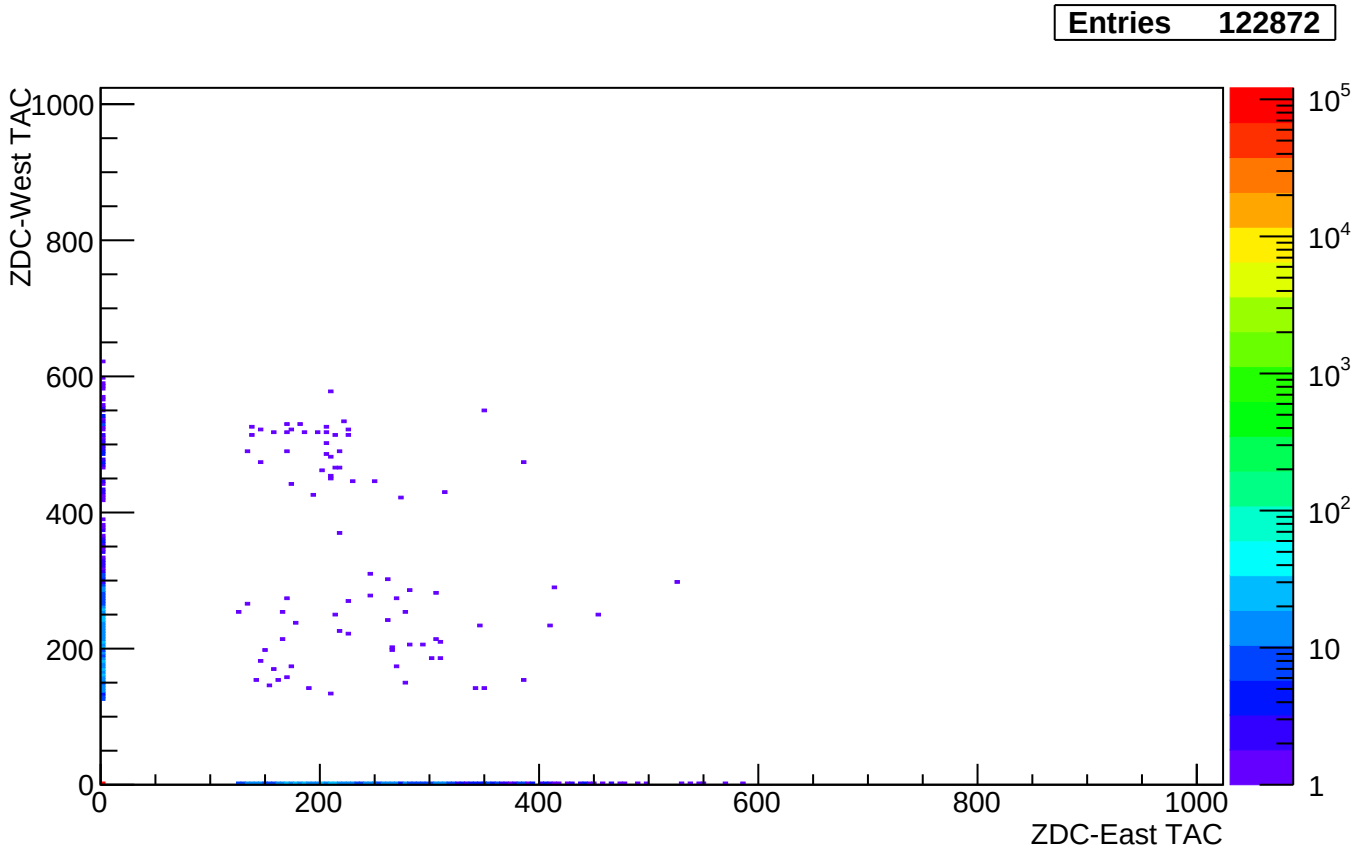

Entries 122872
TOF-Mult
VPD-East ADC Sum

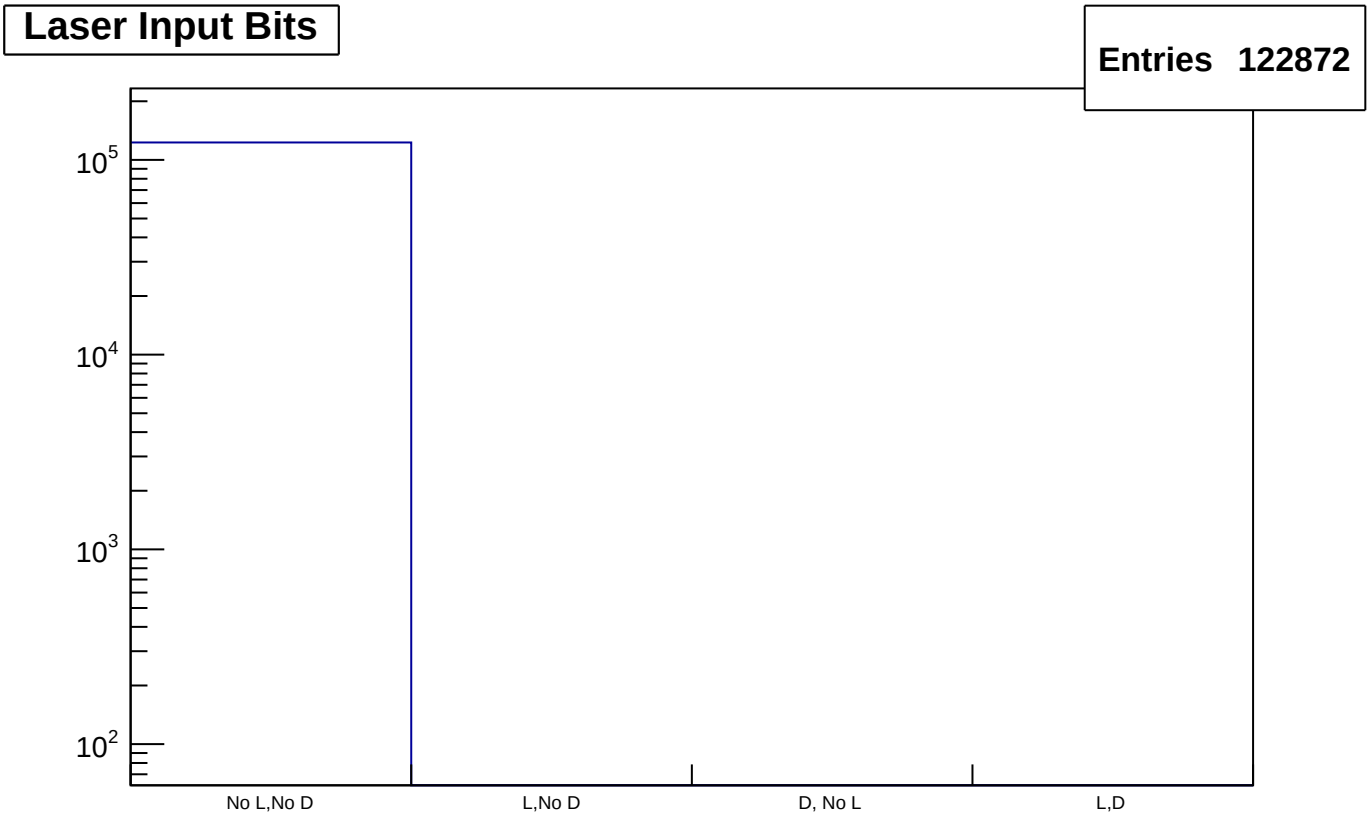

Entries 122872
TOF-Mult
VPD-West ADC Sum

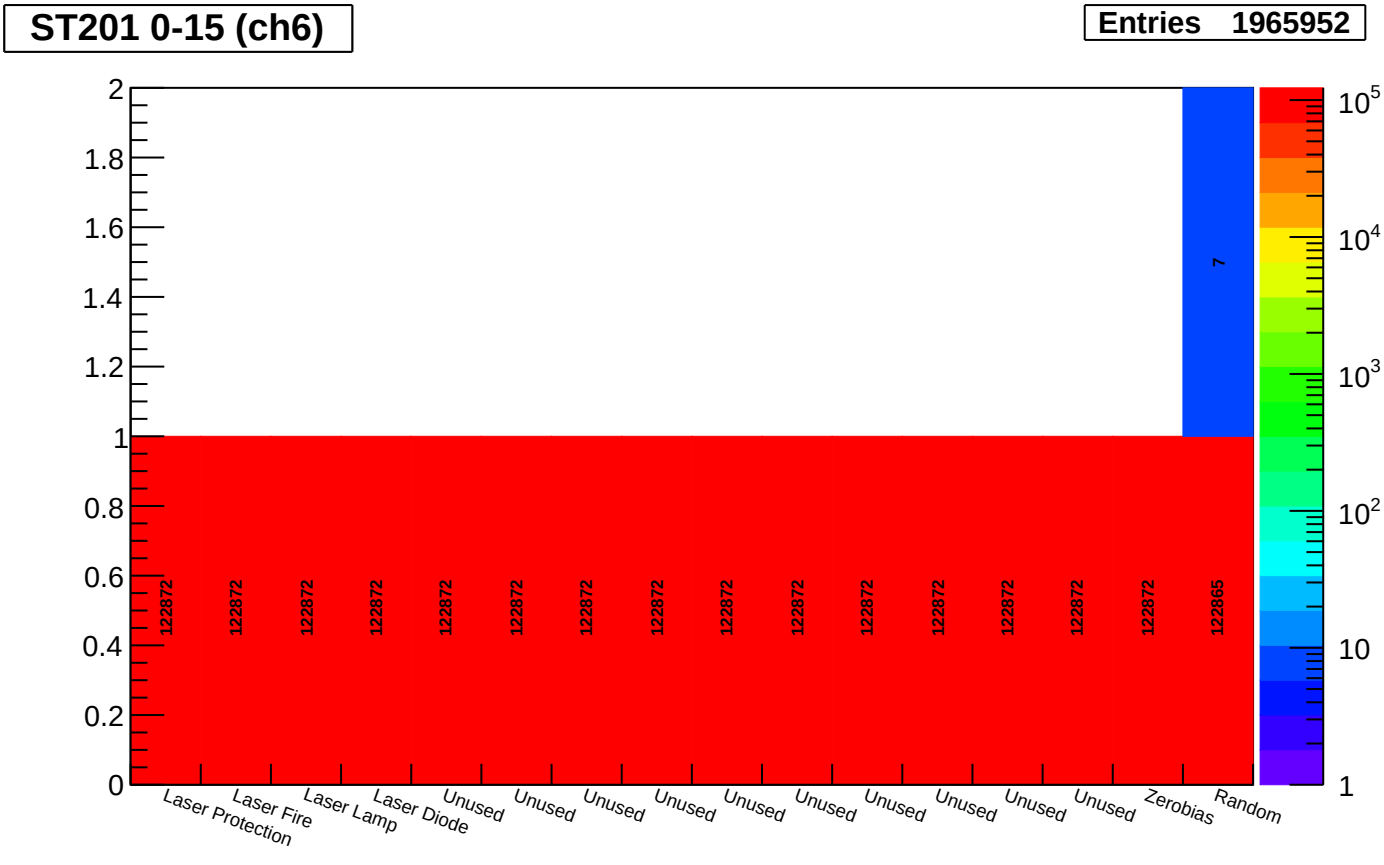

Entries 122872
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

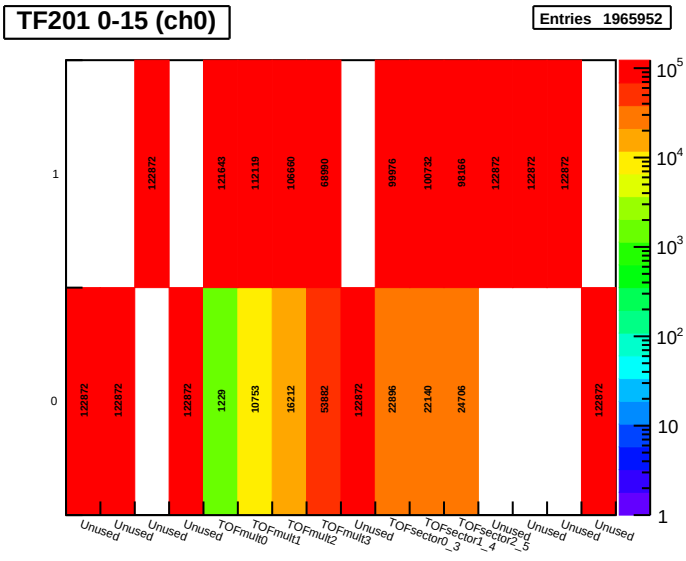

Entries 122872
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

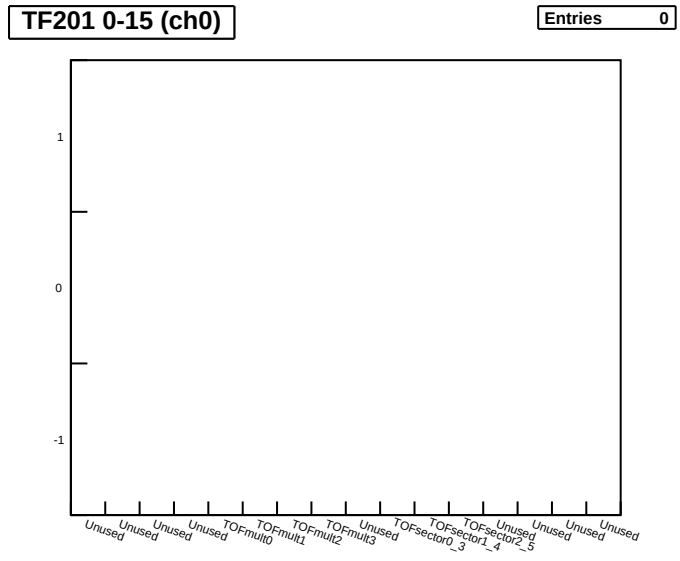

Entries 122872
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

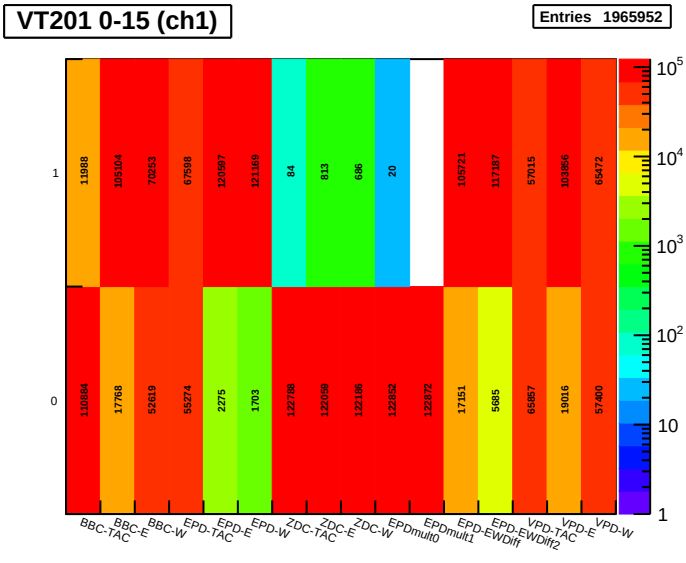

Entries 122872
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

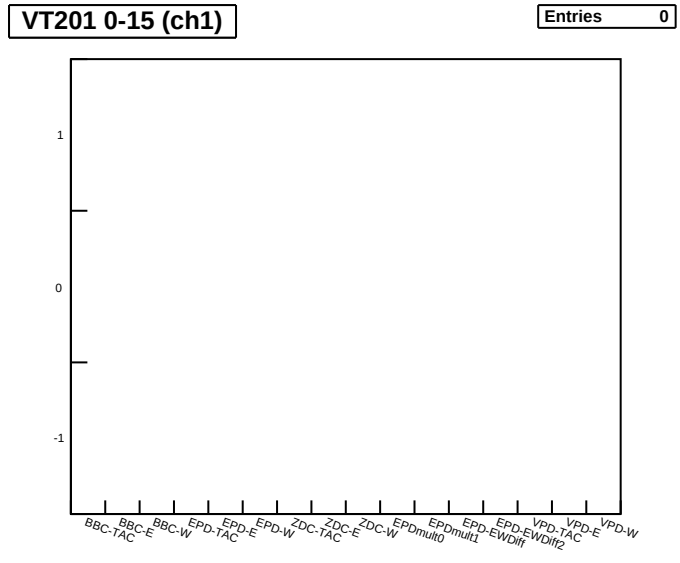

Laser Input Bits
Entries 122872
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

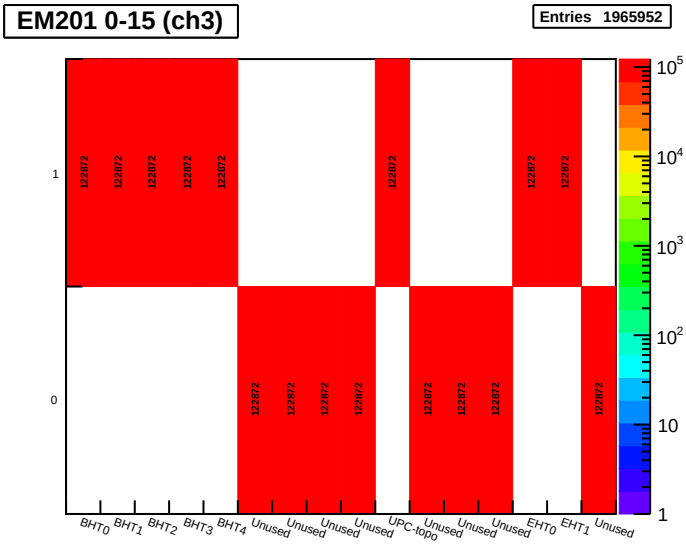

ST201 0-15 (ch6)
Entries 1965952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
122872
122872
122872
122872
122872
122872
122872
122872
122872
122872
122872
122872
122872
122872
122865
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

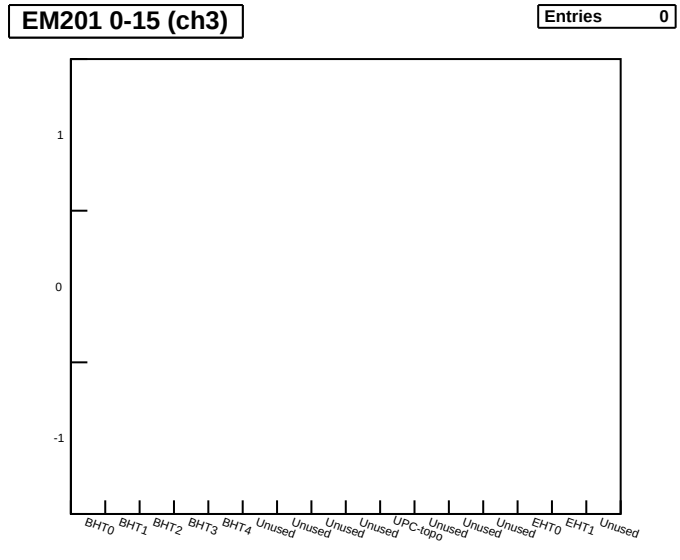

TF201 0-15 (ch0)
Entries 1965952
1
0
122872 121643 112119 106660 68990 99976 100732 98166 122872 122872 122872
122872 122872 122872 1229 10753 16212 53882 122872 22896 22140 24706 122872
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 1965952
1
0
11988 105104 70253 67598 120597 121169 84 813 686 20 105721 117187 57015 103856 65472
110884 17768 52619 55274 2275 1703 122788 122059 122186 122852 122872 17151 5685 65857 19016 57400
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 1965952
1
0
122872 122872 122872 122872 122872 122872 122872 122872
122872 122872 122872 122872 122872 122872 122872 122872
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