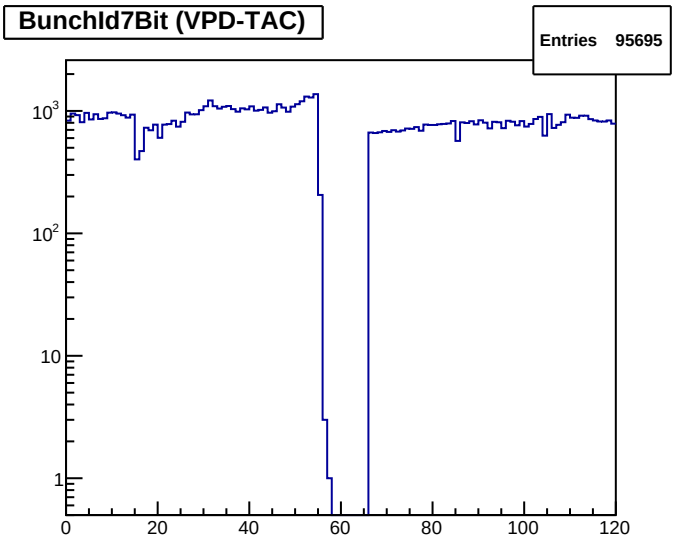
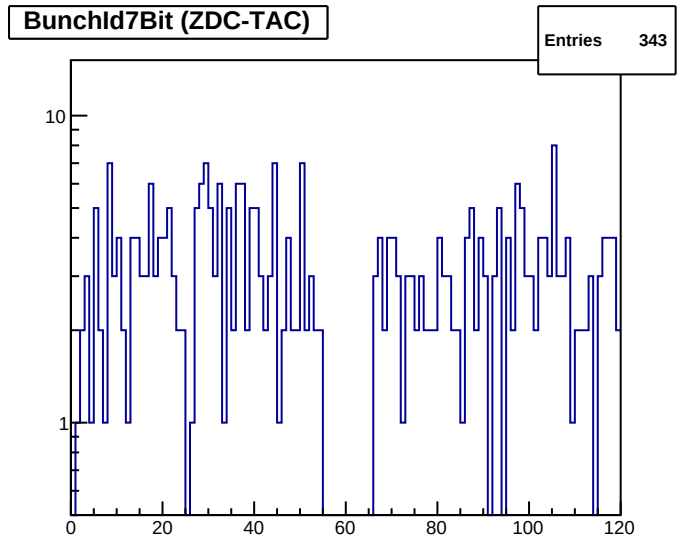
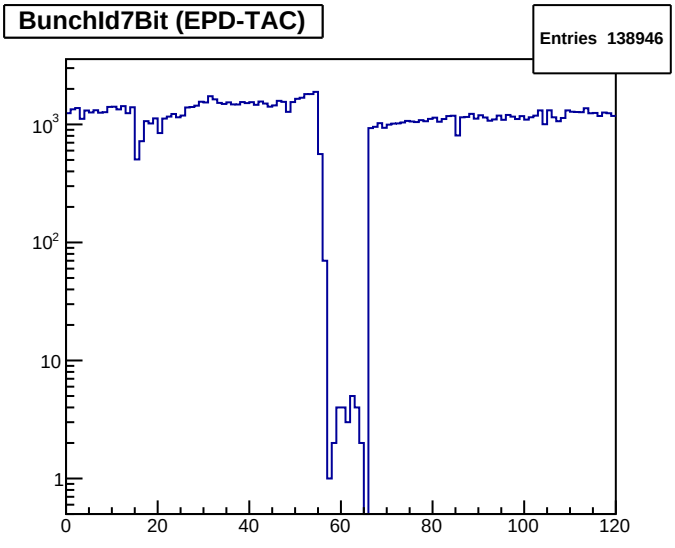
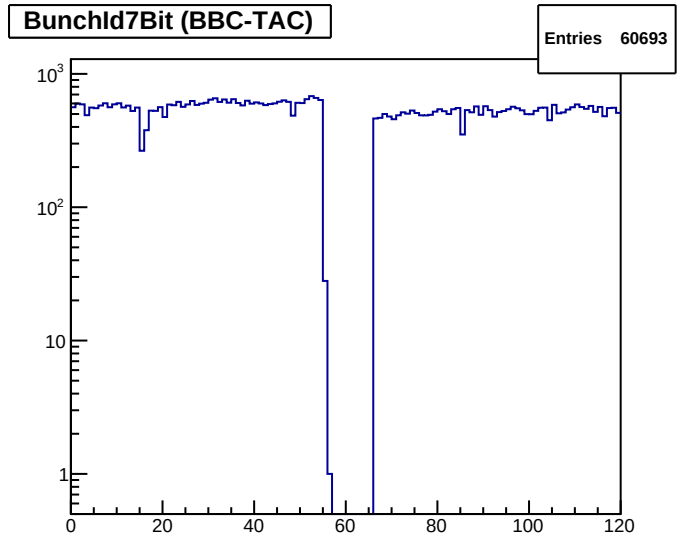
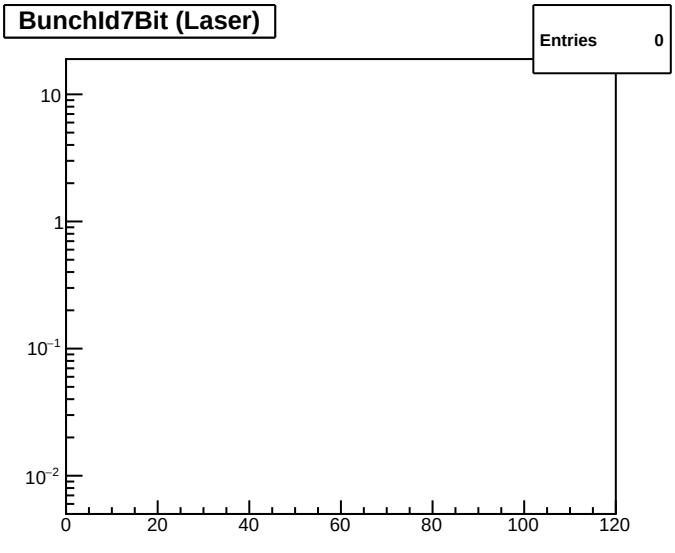
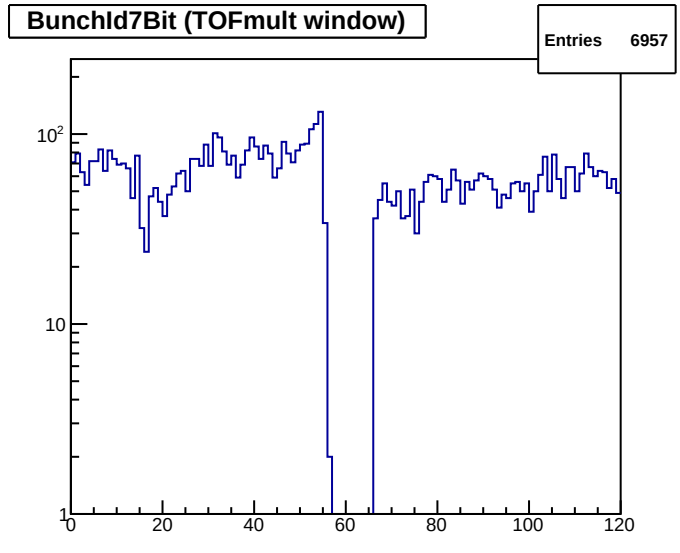

BunchId7Bit (VPD-TAC)
Entries 95695

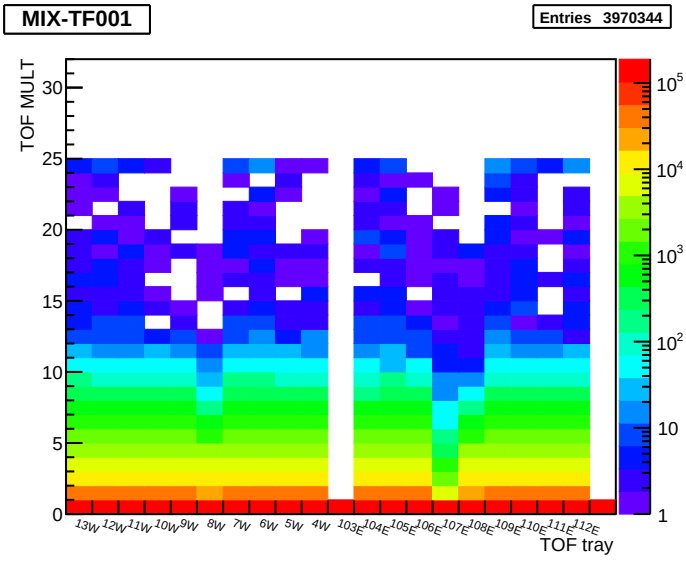

BunchId7Bit (ZDC-TAC)
Entries 343

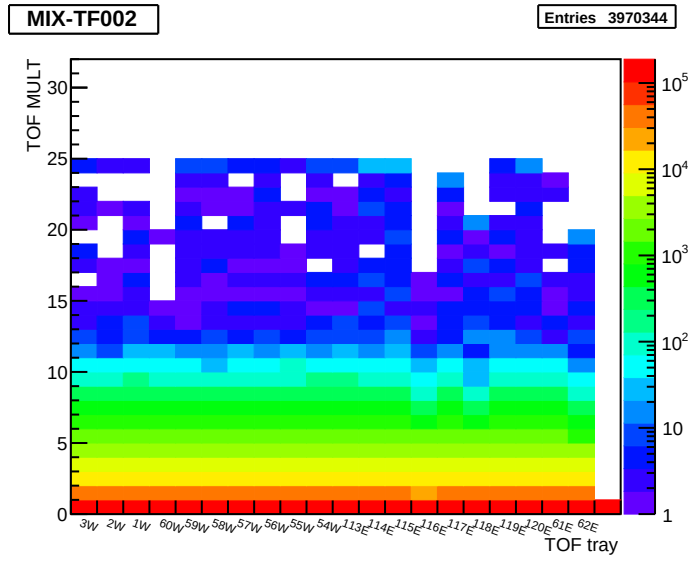

BunchId7Bit (EPD-TAC)
Entries 138946

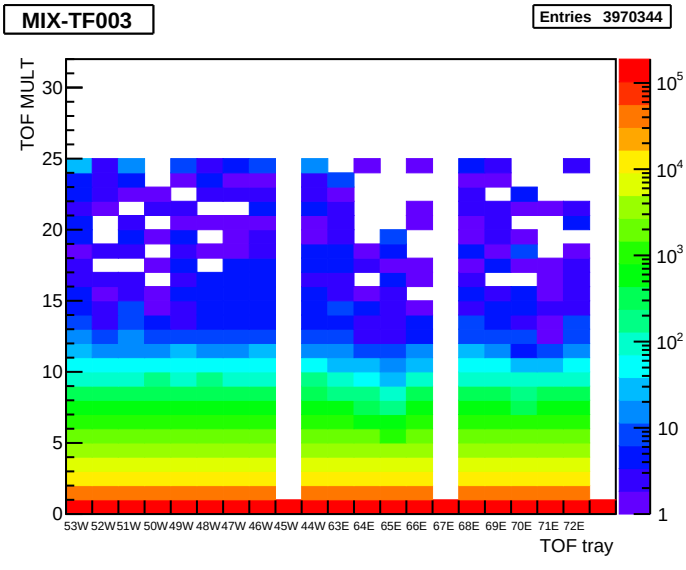

BunchId7Bit (BBC-TAC)
Entries 60693

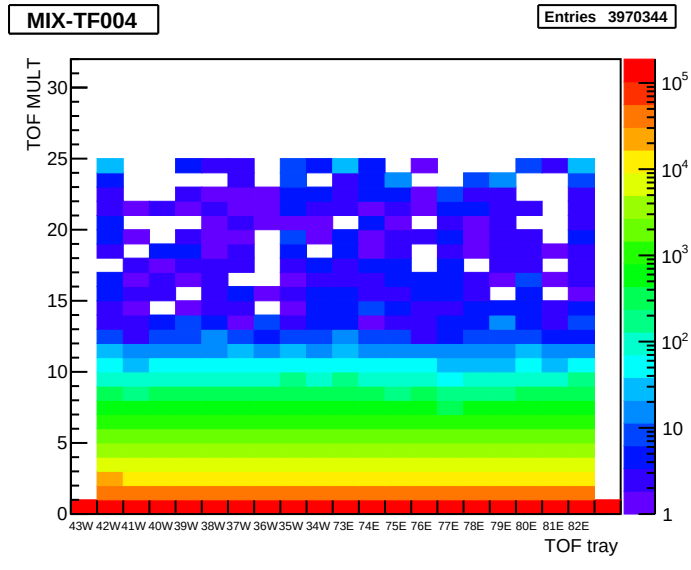

BunchId7Bit (Laser)
Entries 0

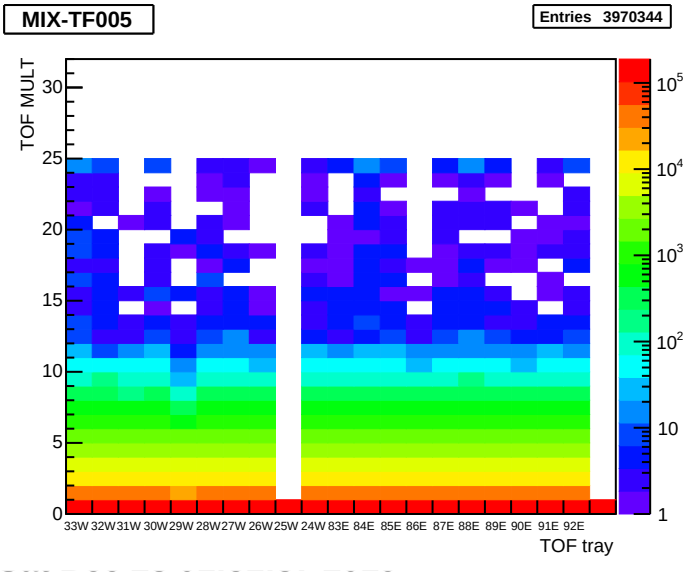

BunchId7Bit (TOFmult window)
Entries 6957

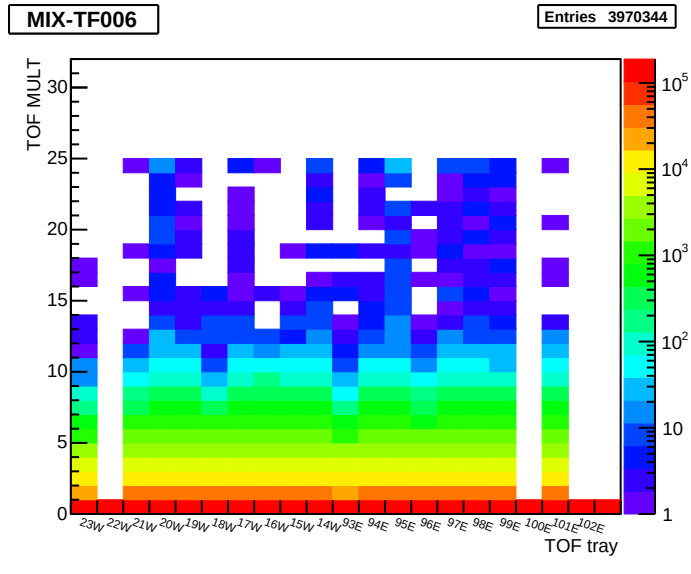

MIX-TF001
Entries 3970344
TOF MULT
TOF tray

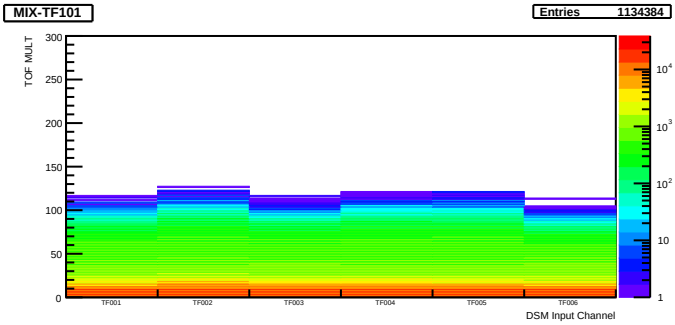

MIX-TF002
Entries 3970344
TOF MULT
TOF tray

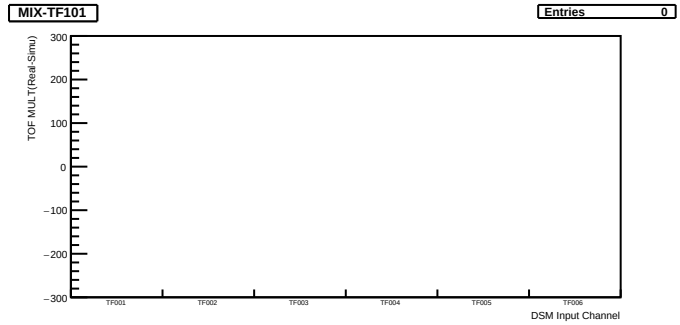

MIX-TF003
Entries 3970344
TOF MULT
TOF tray

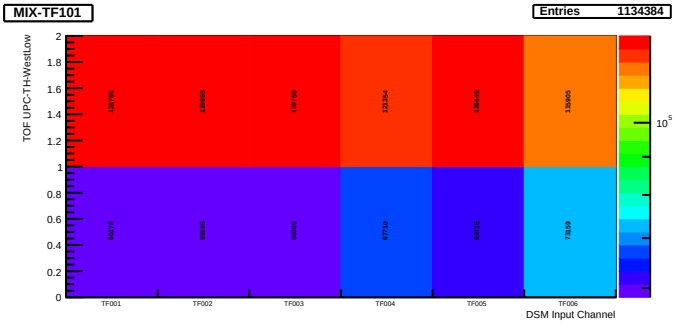

MIX-TF004
Entries 3970344
TOF MULT
TOF tray

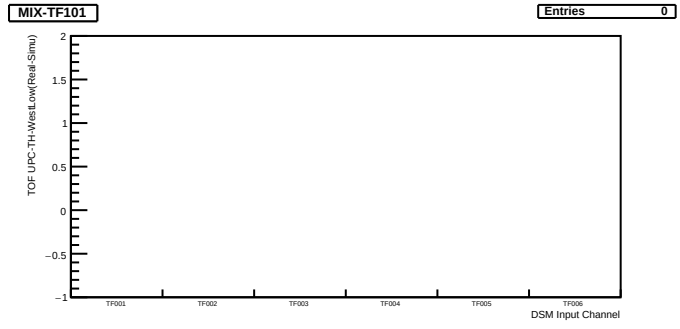

MIX-TF005
Entries 3970344
TOF MULT
TOF tray

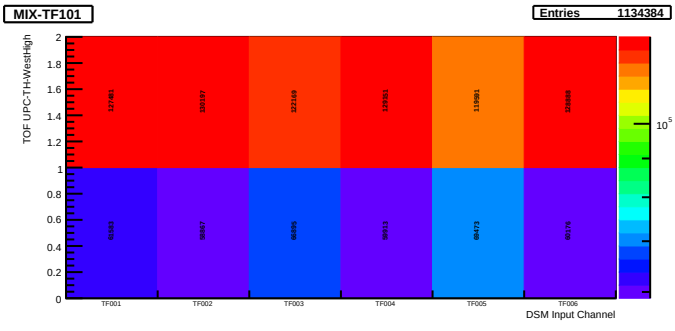

MIX-TF006
Entries 3970344
TOF MULT
TOF tray

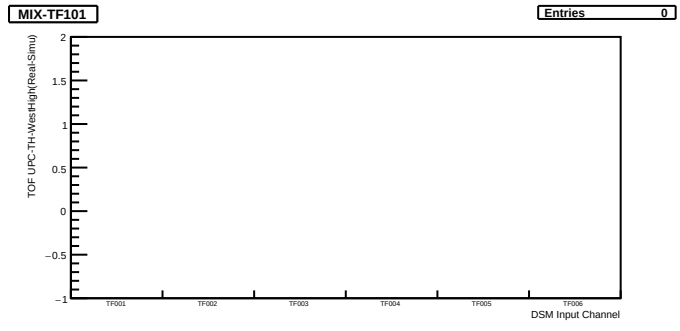

MIX-TF101
Entries 1134384
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

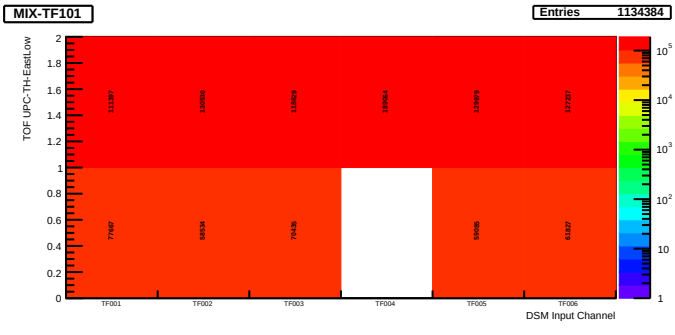

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

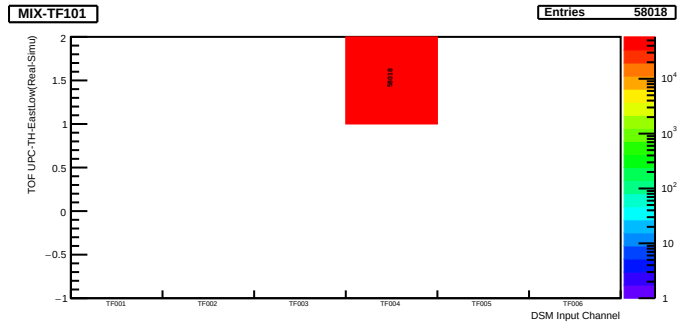

MIX-TF101
Entries 1134384
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

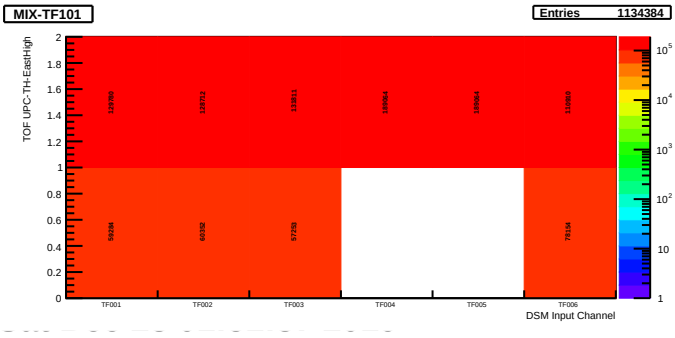

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

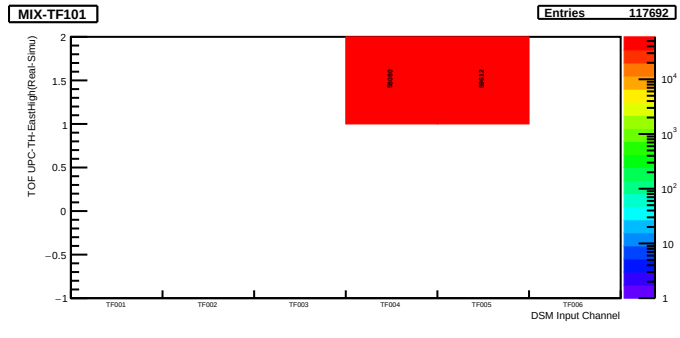

MIX-TF101
Entries 1134384
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

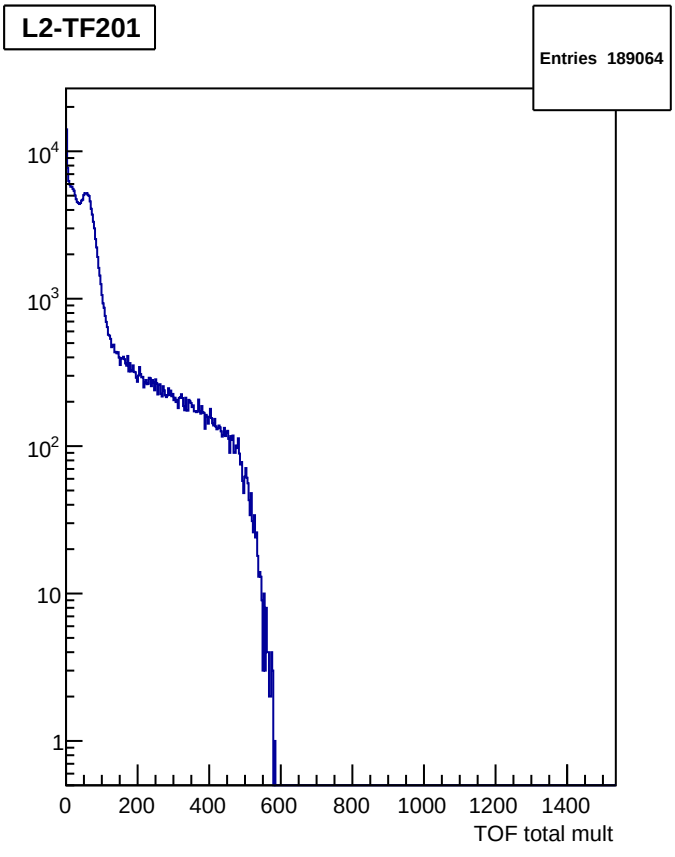

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

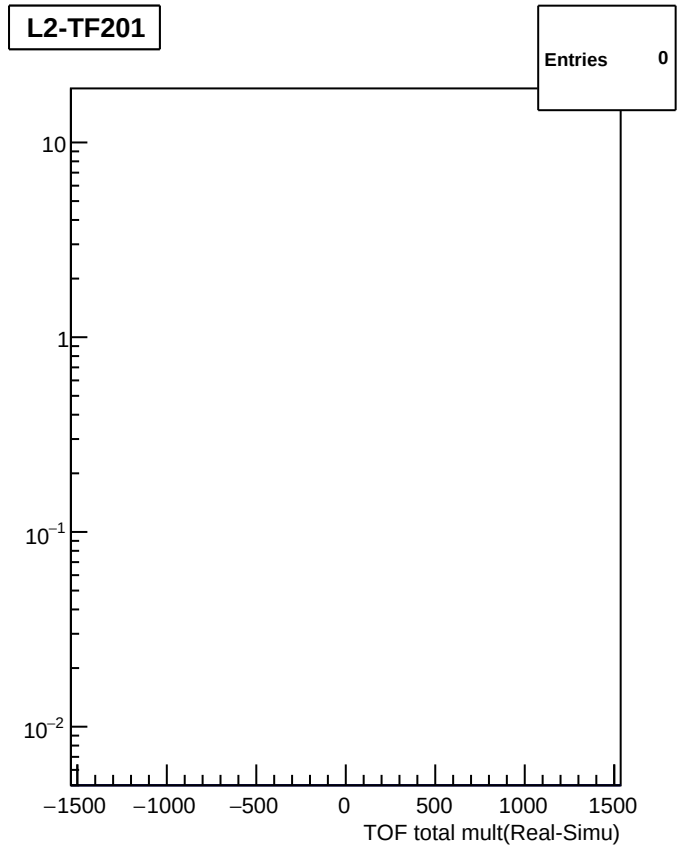

MIX-TF101
Entries 1134384
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

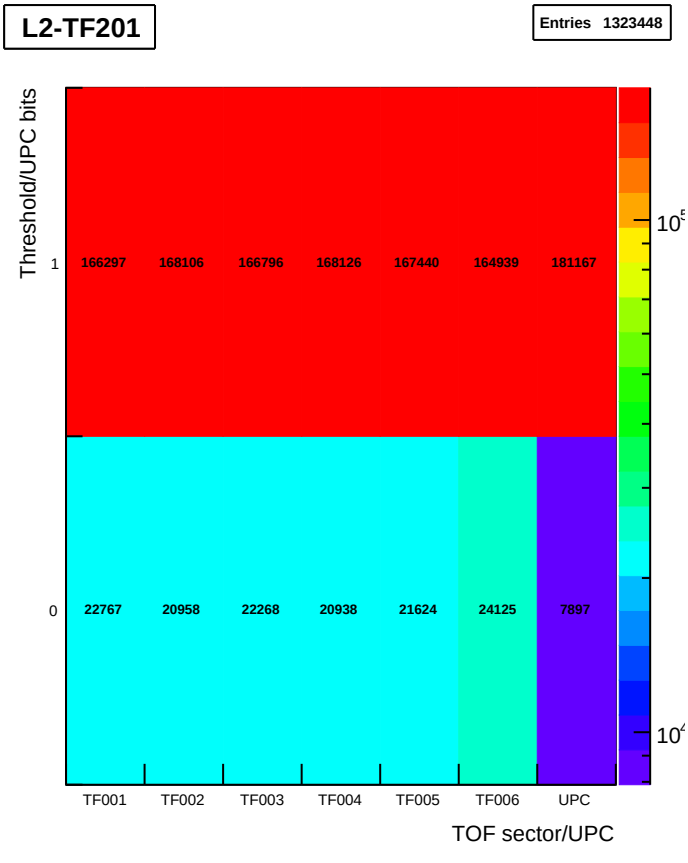

MIX-TF101
Entries 58018
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

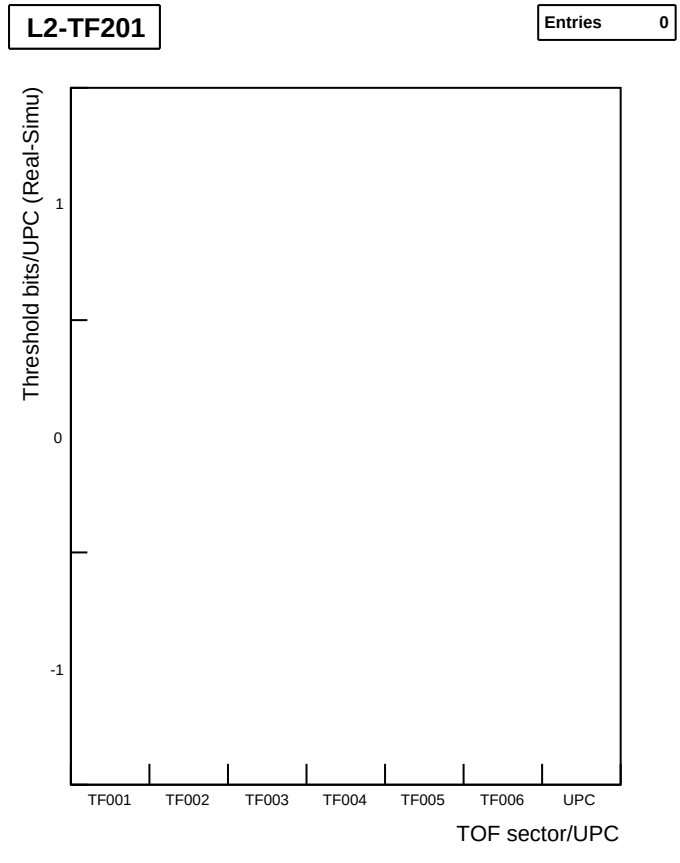

MIX-TF101
Entries 1134384
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

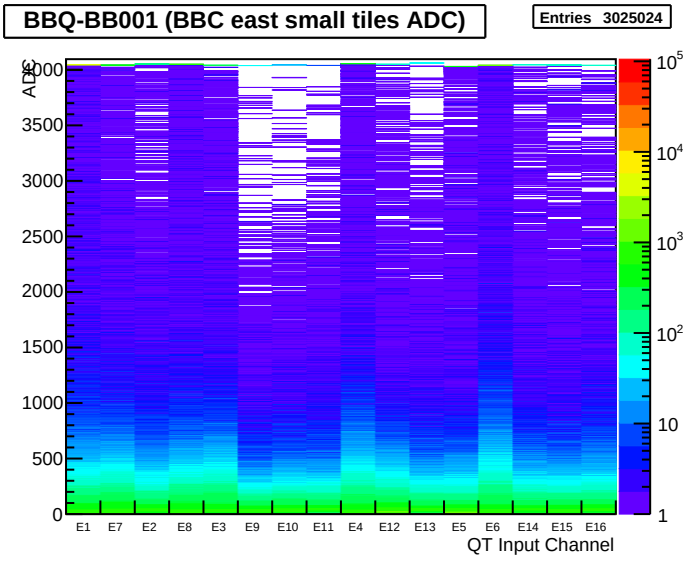

MIX-TF101
Entries 117692
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

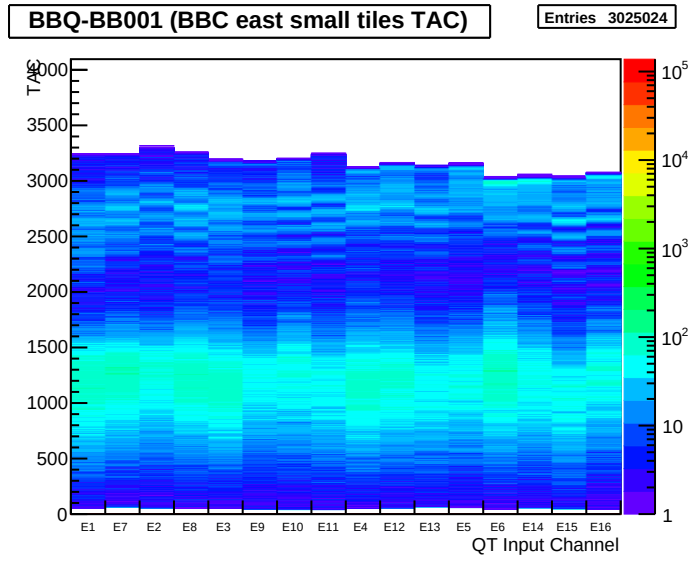

L2-TF201
Entries 189064
TOF total mult

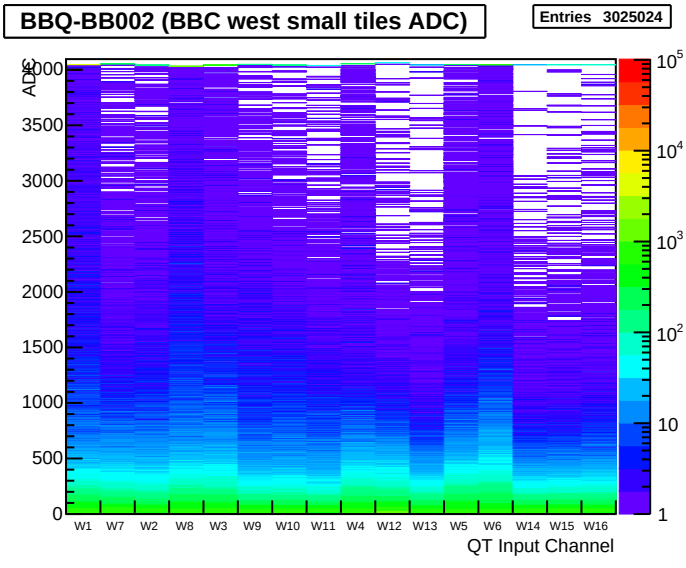

L2-TF201
Entries 0
TOF total mult(Real-Simu)

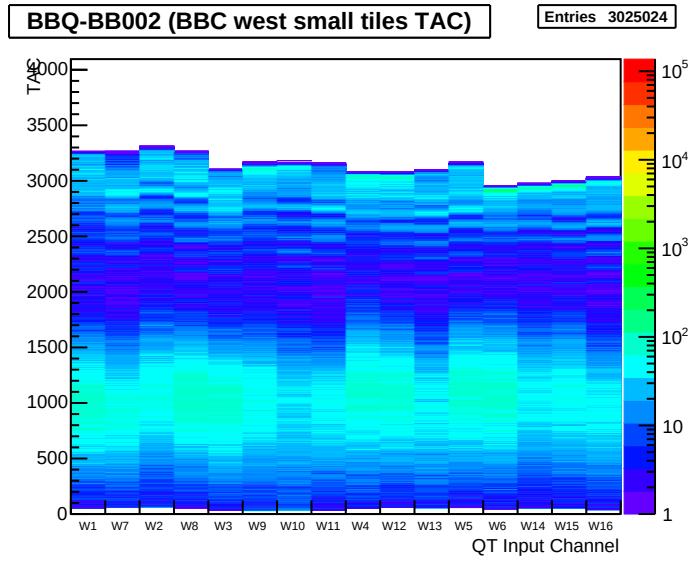

L2-TF201
Entries 1323448
Threshold/UPC bits
166297 168106 166796 168126 167440 164939 181167
22767 20958 22268 20938 21624 24125 7897
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

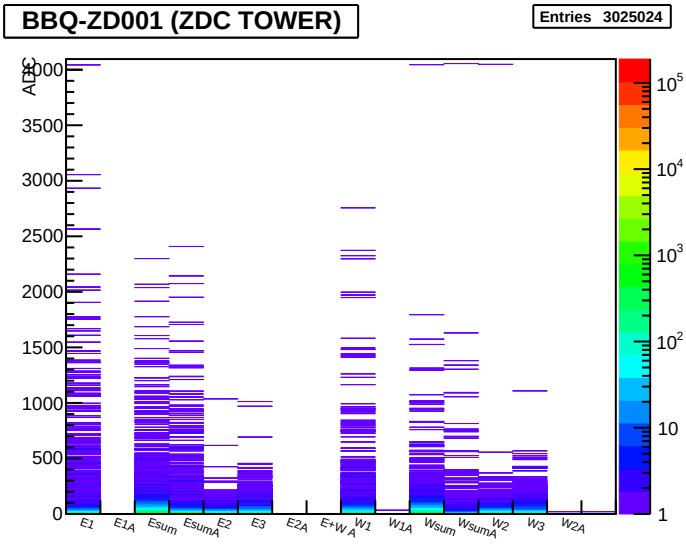

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

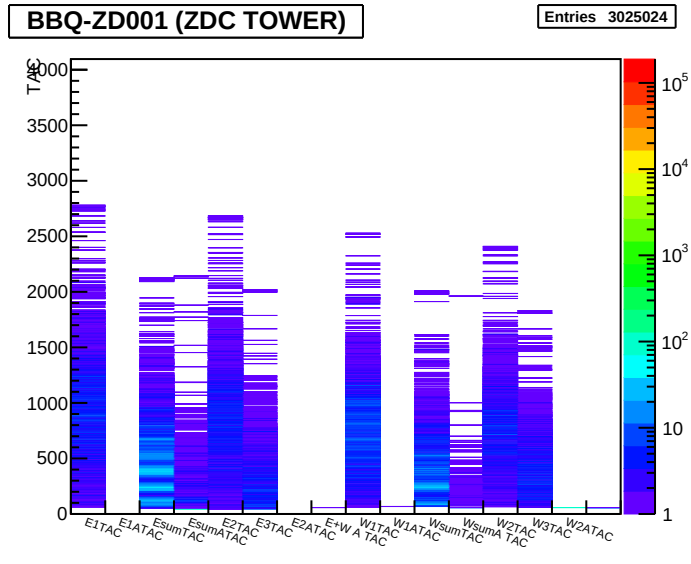

BBQ-BB001 (BBC east small tiles ADC)
Entries 3025024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

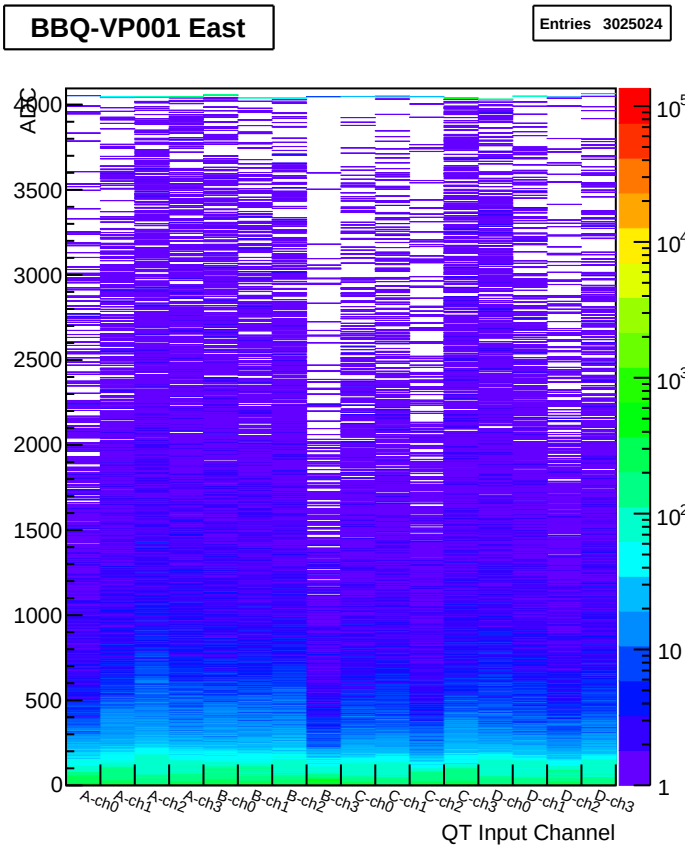

BBQ-BB001 (BBC east small tiles TAC)
Entries 3025024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

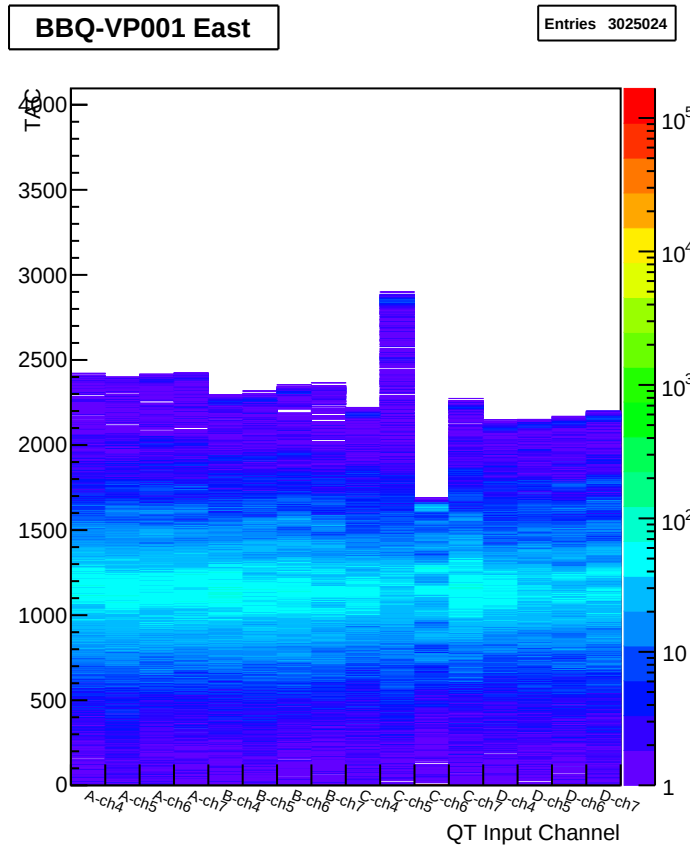

BBQ-BB002 (BBC west small tiles ADC)
Entries 3025024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

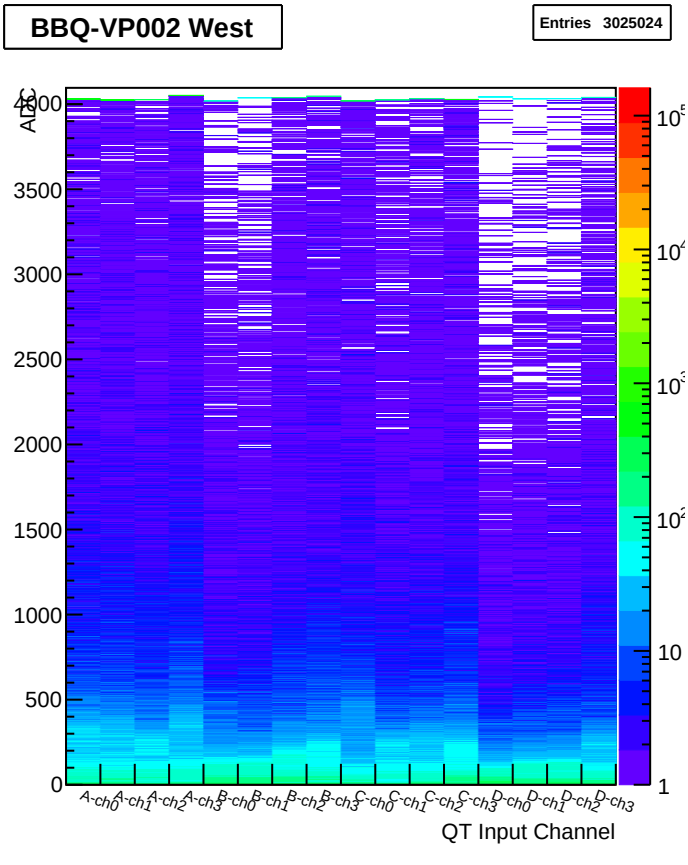

BBQ-BB002 (BBC west small tiles TAC)
Entries 3025024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

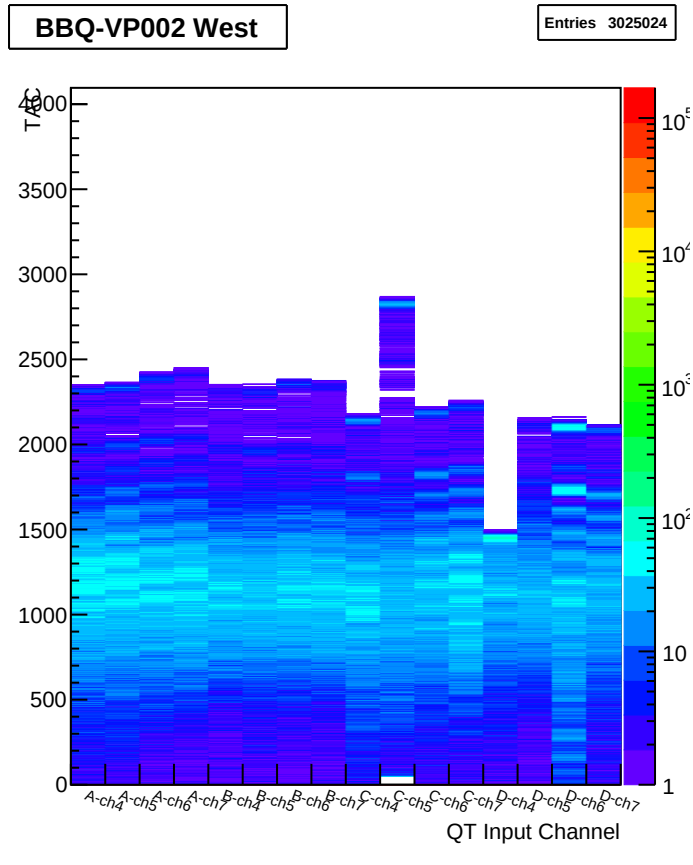

BBQ-ZD001 (ZDC TOWER)
Entries 3025024
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

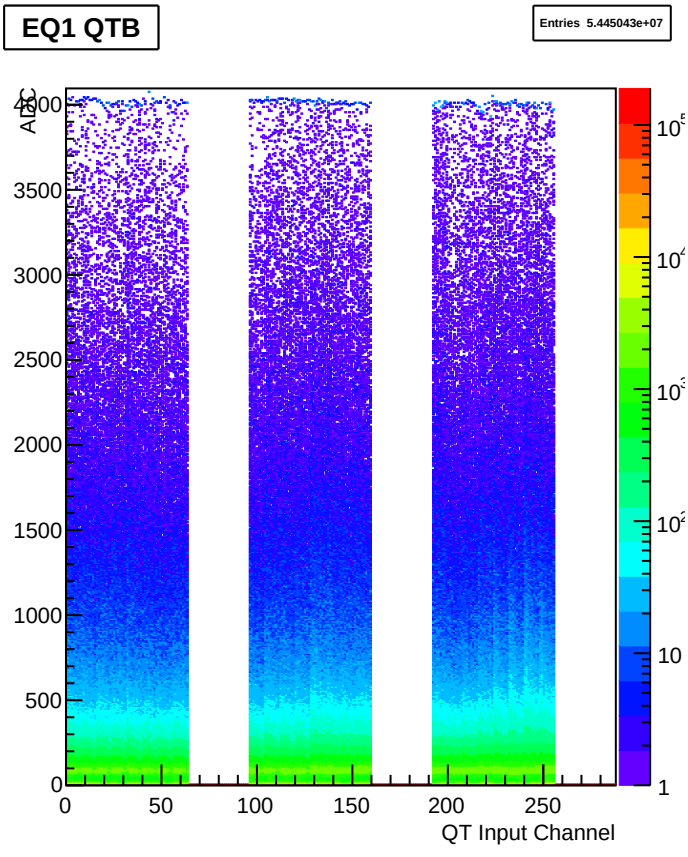

BBQ-ZD001 (ZDC TOWER)
Entries 3025024
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

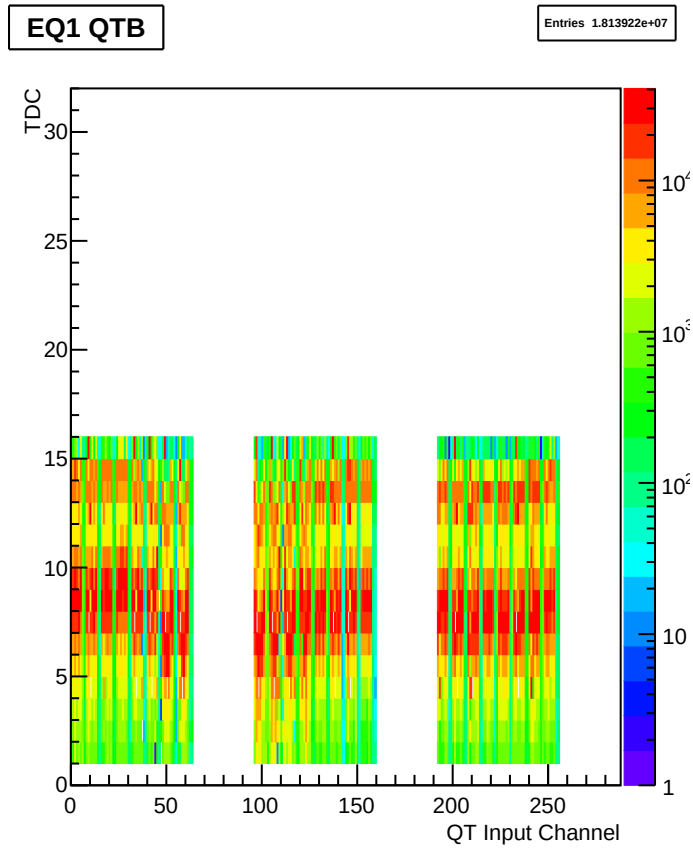

BBQ-VP001 East
Entries 3025024
ADC
QT Input Channel

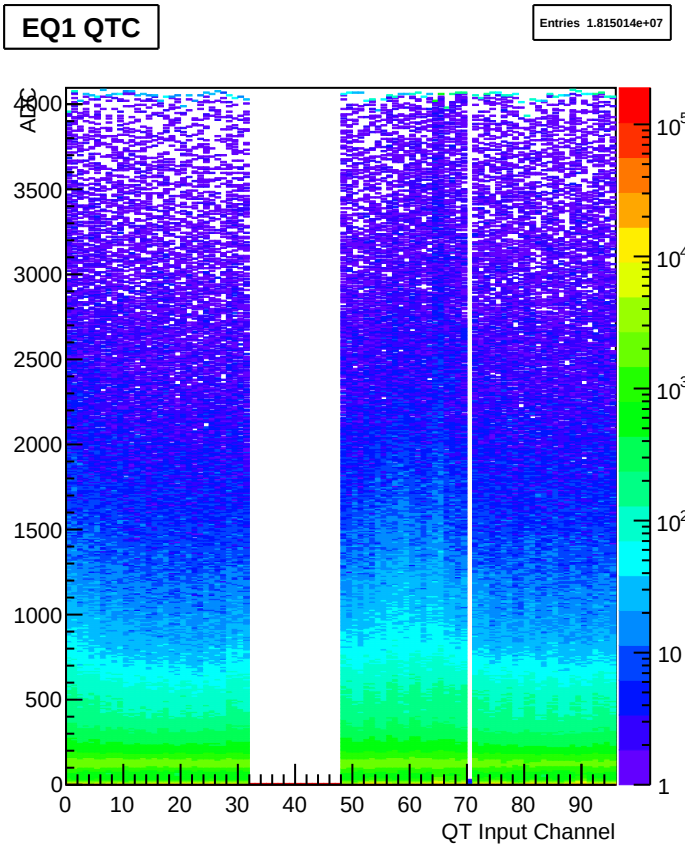

BBQ-VP001 East
Entries 3025024
TADC
QT Input Channel

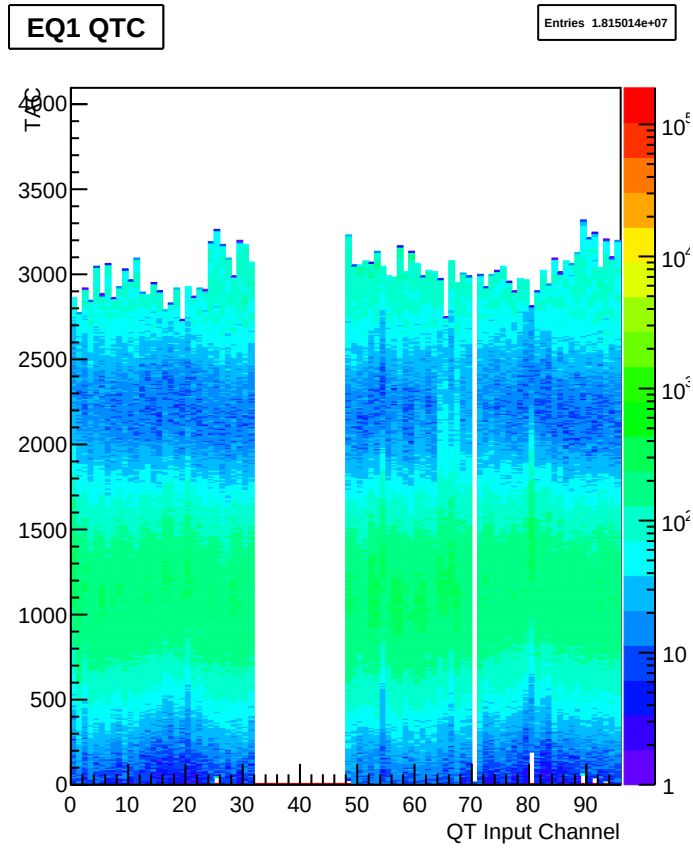

BBQ-VP002 West
Entries 3025024
ADC
QT Input Channel

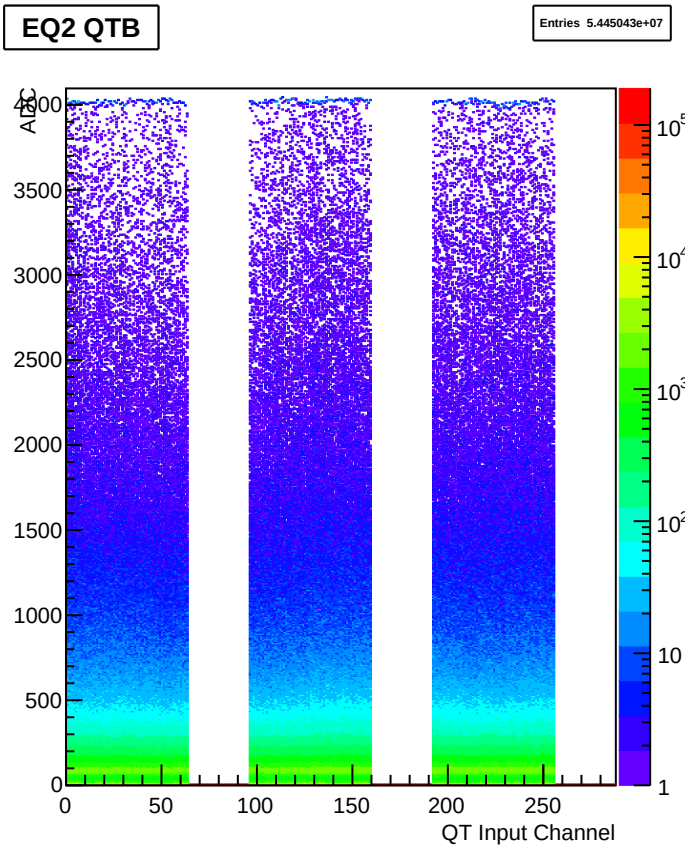

BBQ-VP002 West
Entries 3025024
TADC
QT Input Channel

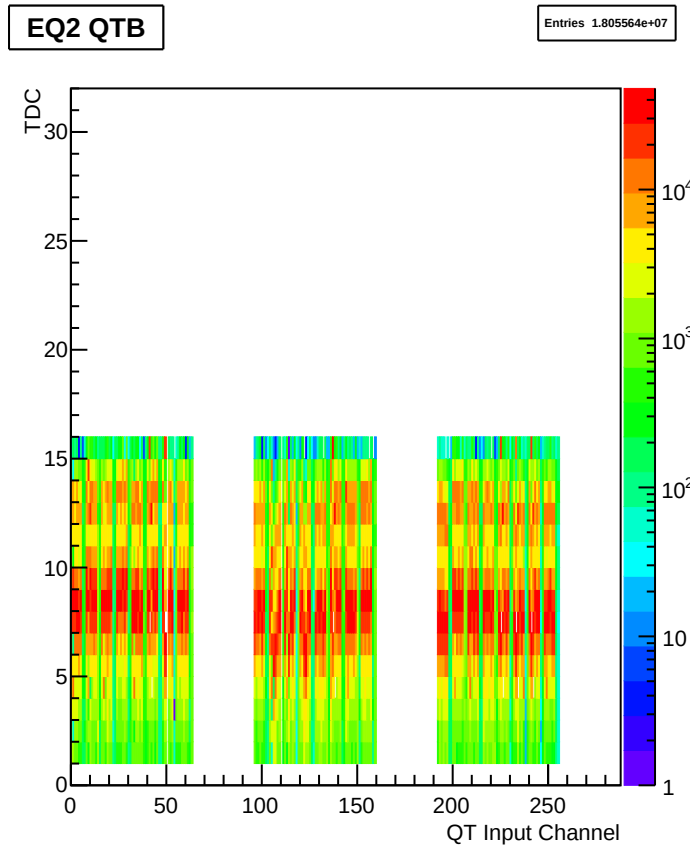

EQ1 QTB
Entries 5.445043e+07
ADC
QT Input Channel

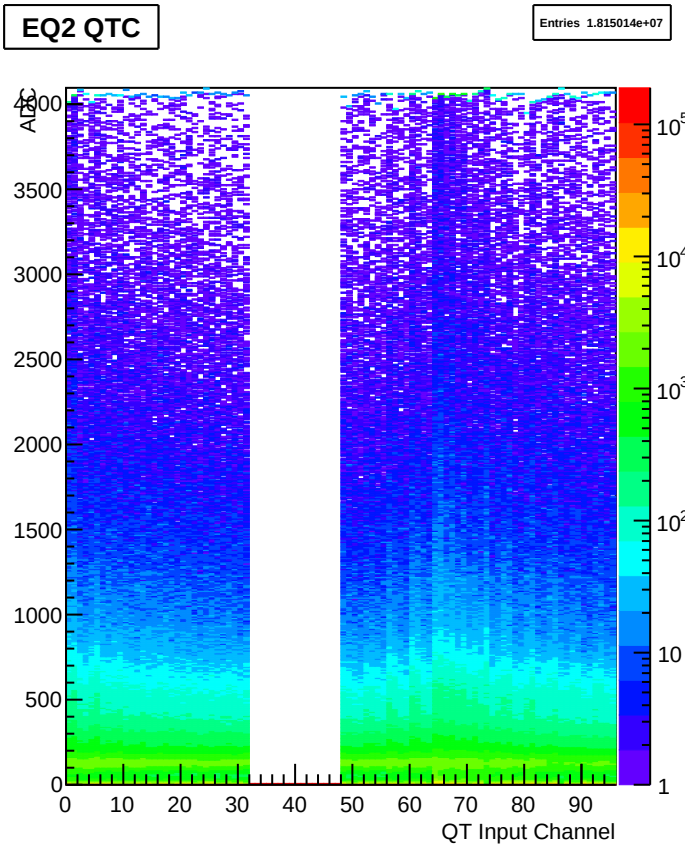

EQ1 QTB
Entries 1.813922e+07
TDC
QT Input Channel

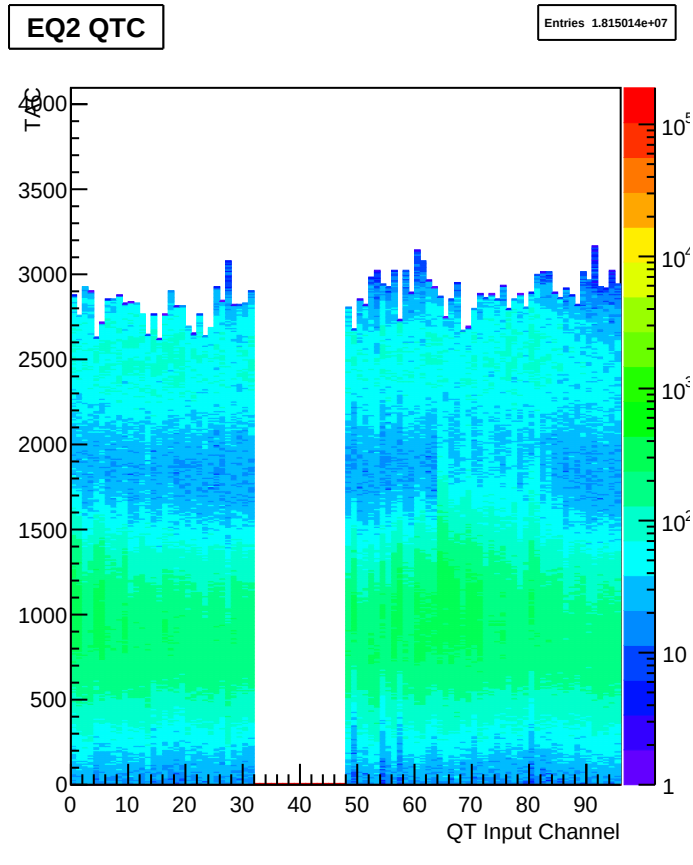

EQ1 QTC
Entries 1.815014e+07
ADC
QT Input Channel

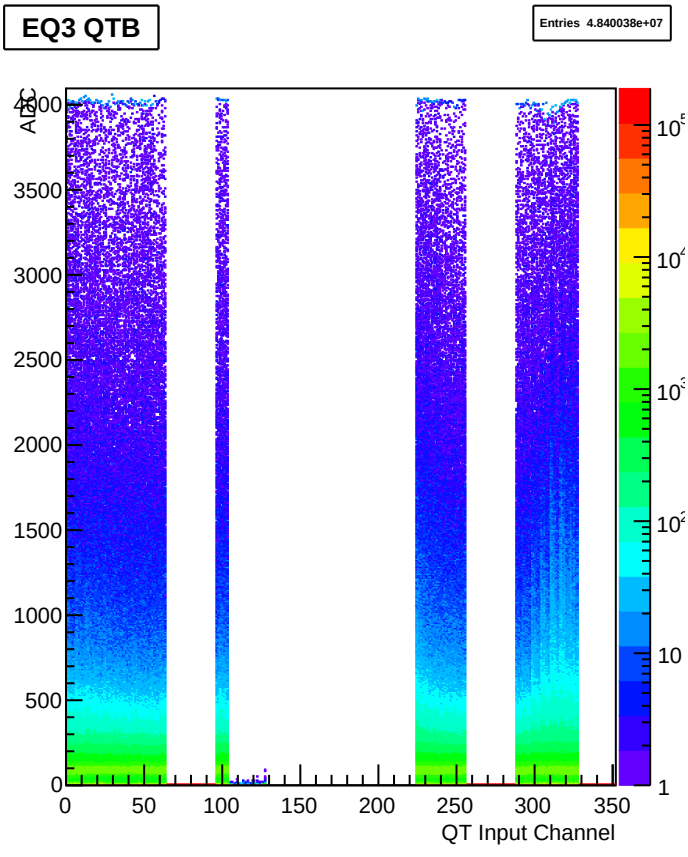

EQ1 QTC
Entries 1.815014e+07
TADC
QT Input Channel

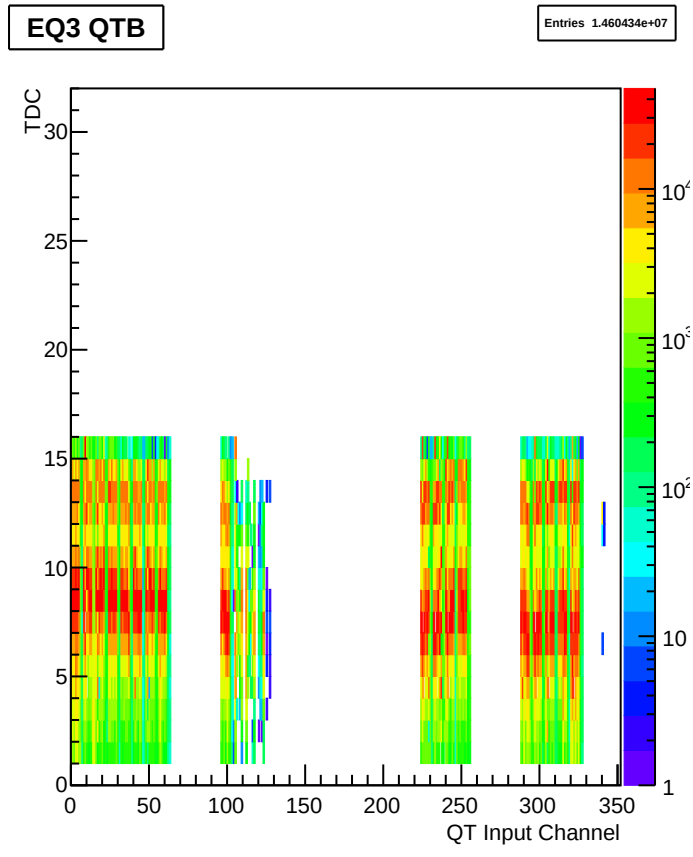

EQ2 QTB
Entries 5.445043e+07
ADC
QT Input Channel

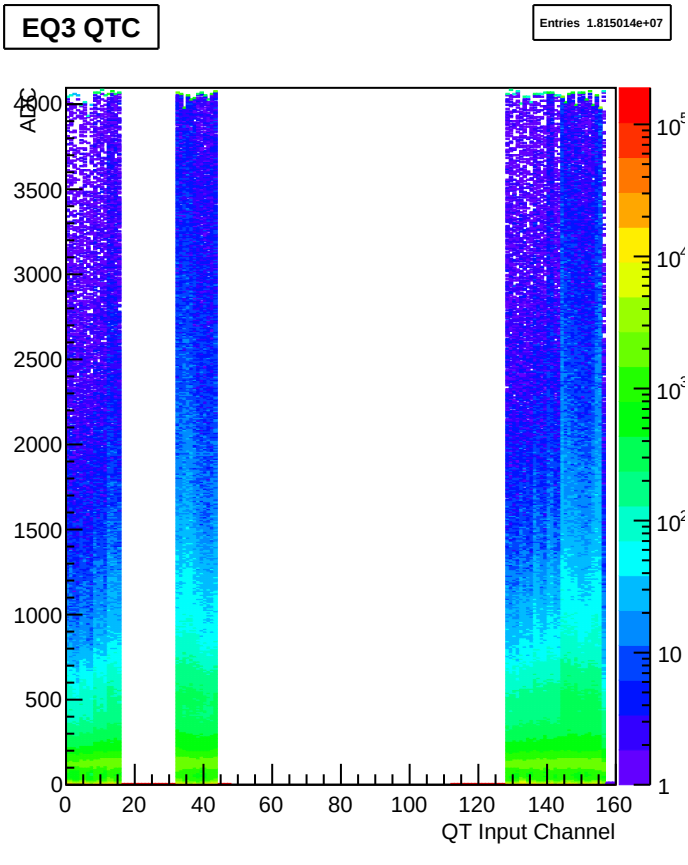

EQ2 QTB
Entries 1.805564e+07
TDC
QT Input Channel

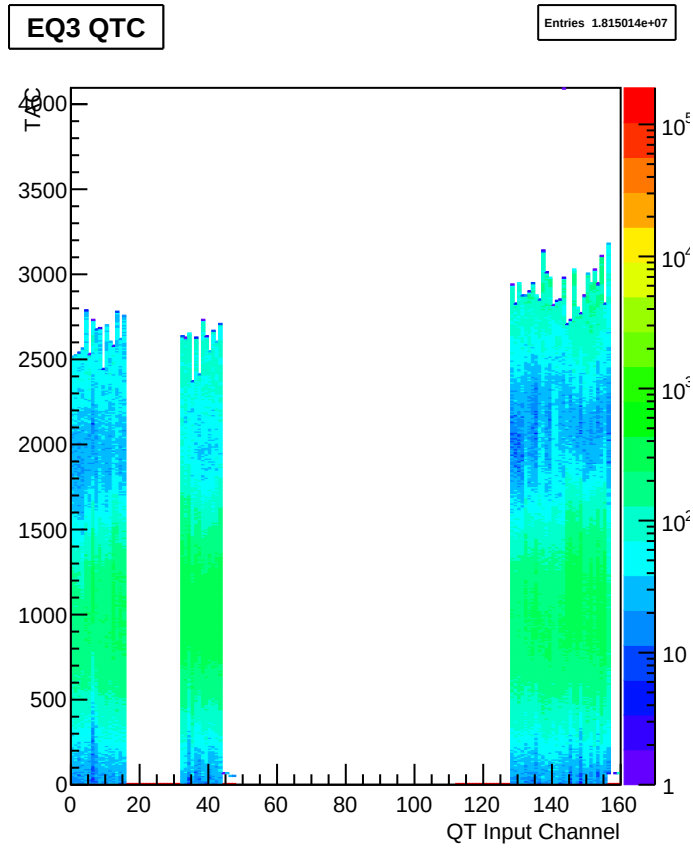

EQ2 QTC
Entries 1.815014e+07
ADC
QT Input Channel

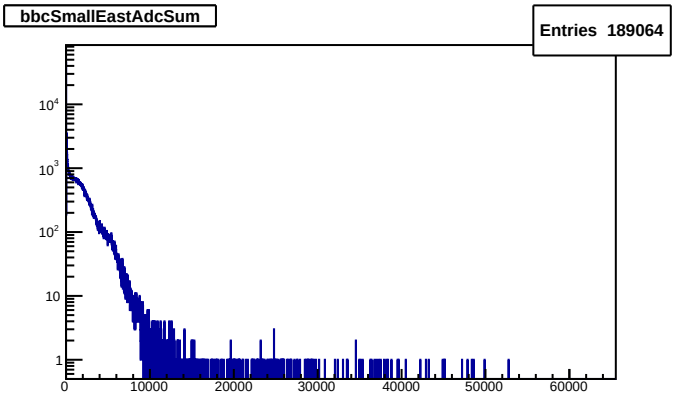

EQ2 QTC
Entries 1.815014e+07
TADC
QT Input Channel

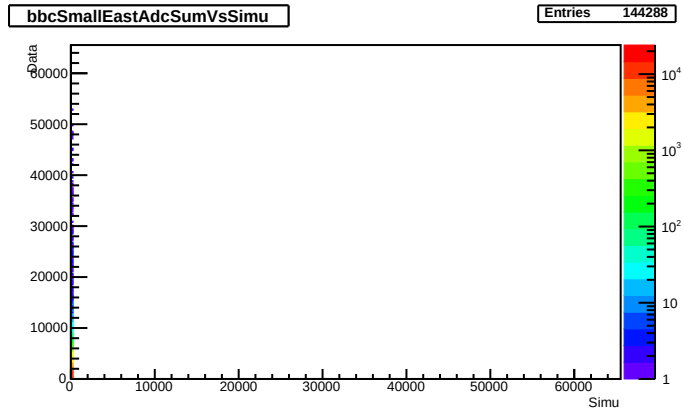

EQ3 QTB
Entries 4.840038e+07
ADC
QT Input Channel

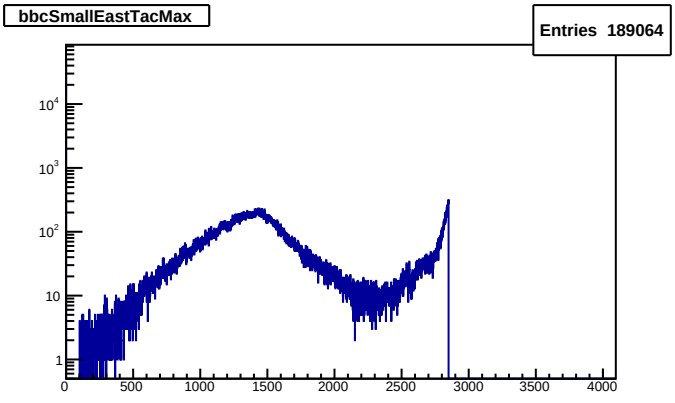

EQ3 QTB
Entries 1.460434e+07
TDC
QT Input Channel

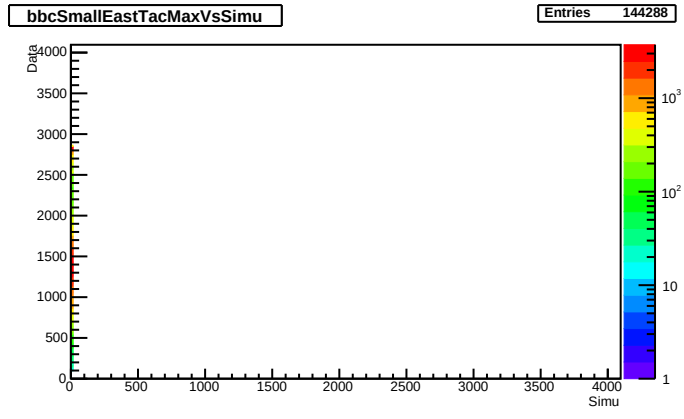

EQ3 QTC
Entries 1.815014e+07
ADC
QT Input Channel

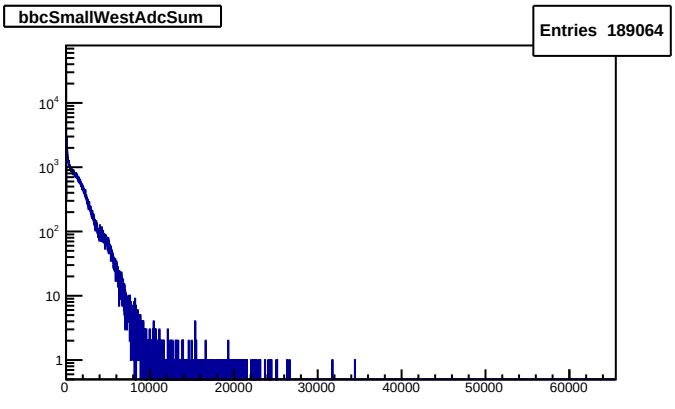

EQ3 QTC
Entries 1.815014e+07
TADC
QT Input Channel

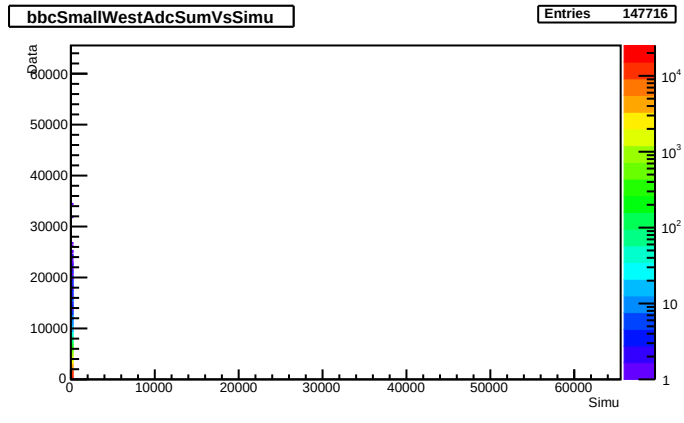

bbcSmallEastAdcSum
Entries 189064

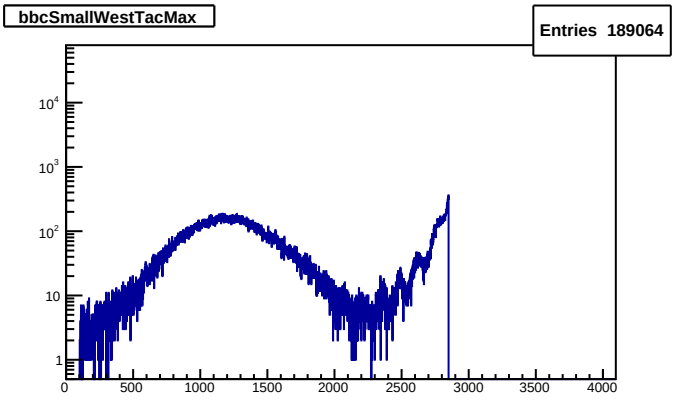

bbcSmallEastAdcSumVsSimu
Entries 144288
Data
Simu

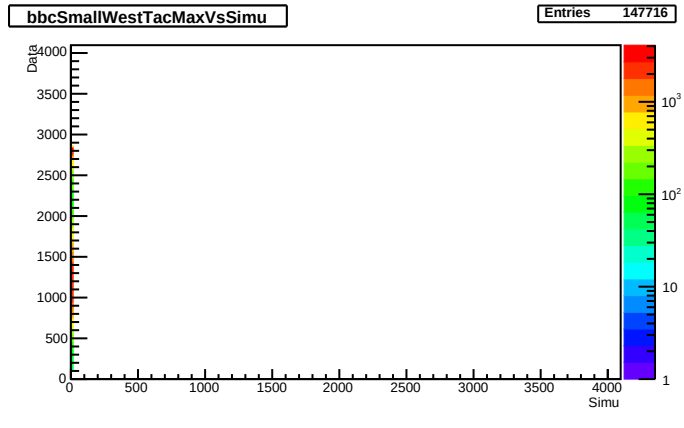

bbcSmallEastTacMax
Entries 189064

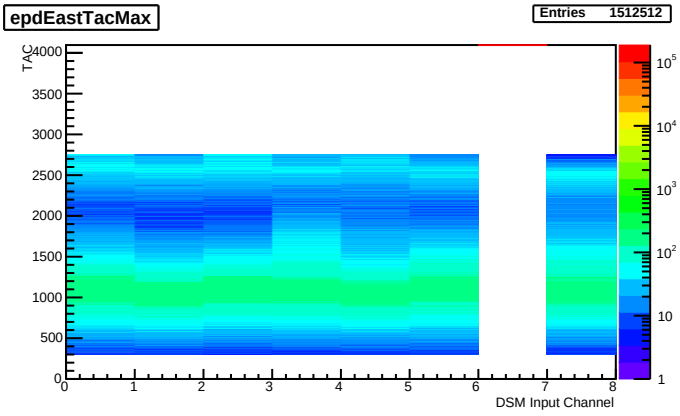

bbcSmallEastTacMaxVsSimu
Entries 144288
Data
Simu

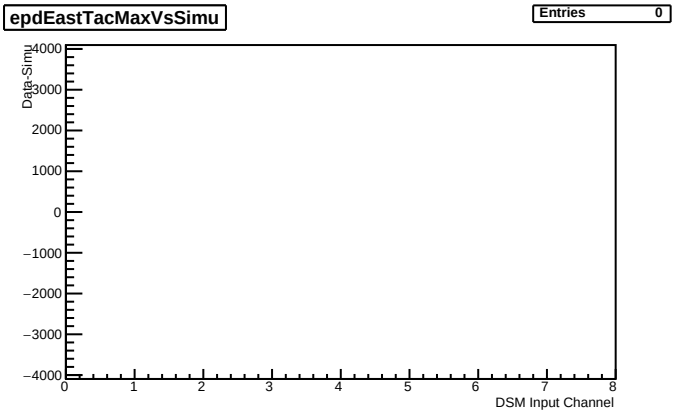

bbcSmallWestAdcSum
Entries 189064

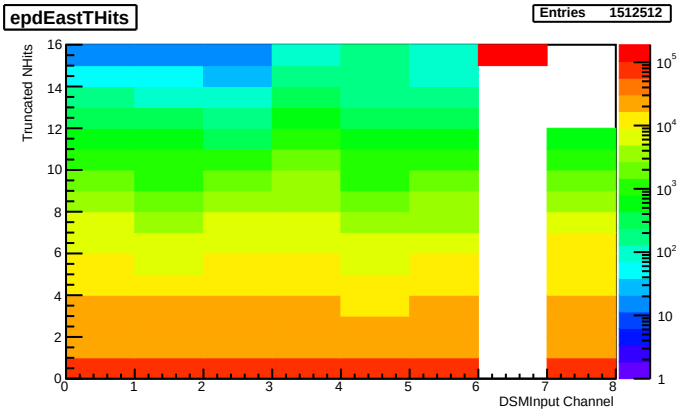

bbcSmallWestAdcSumVsSimu
Entries 147716
Data
Simu

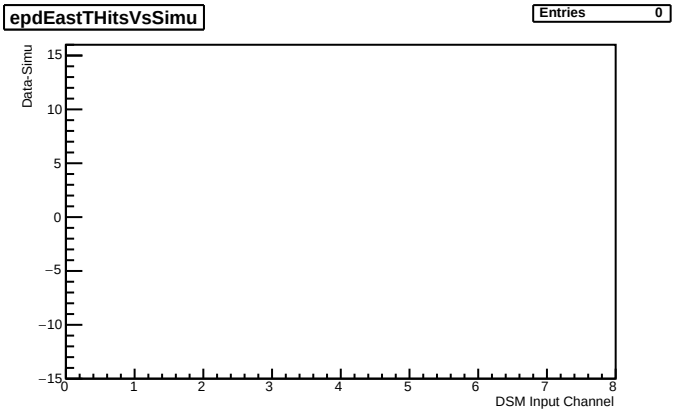

bbcSmallWestTacMax
Entries 189064

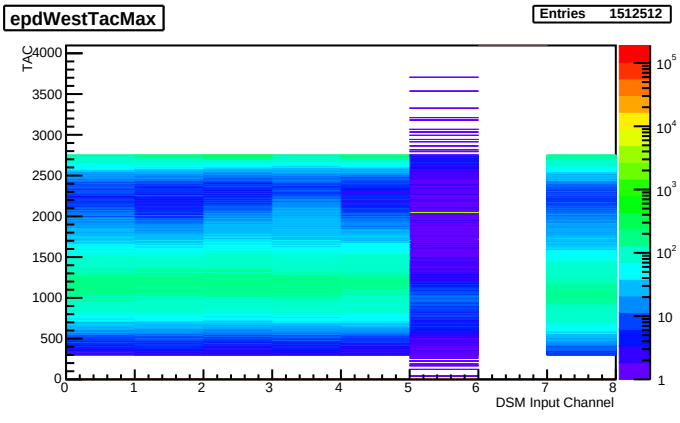

bbcSmallWestTacMaxVsSimu
Entries 147716
Data
Simu

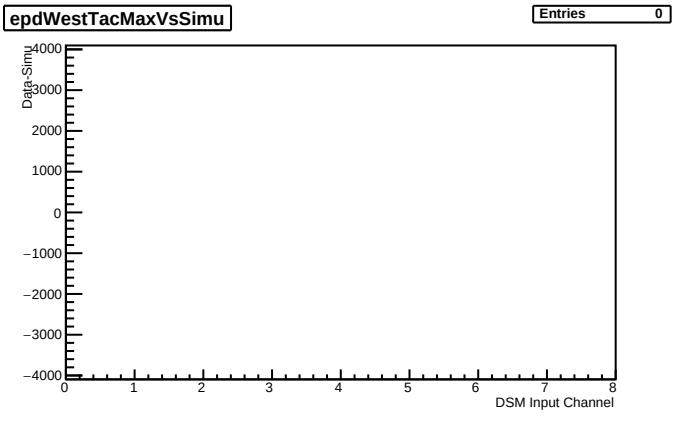

epdEastTacMax
Entries 1512512
TAC
DSM Input Channel

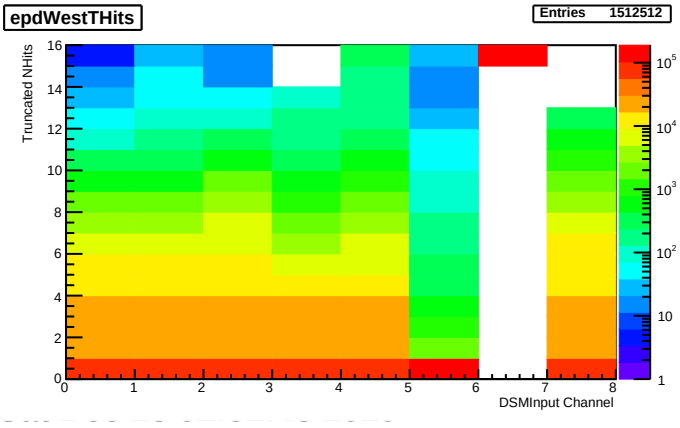

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

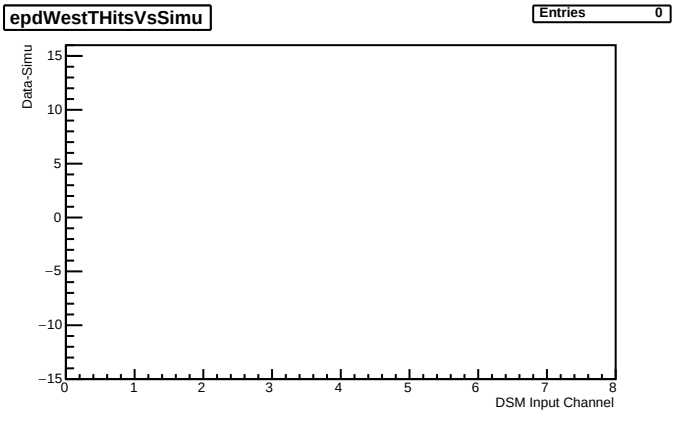

epdEastTHits
Entries 1512512
Truncated NHits
DSMInput Channel

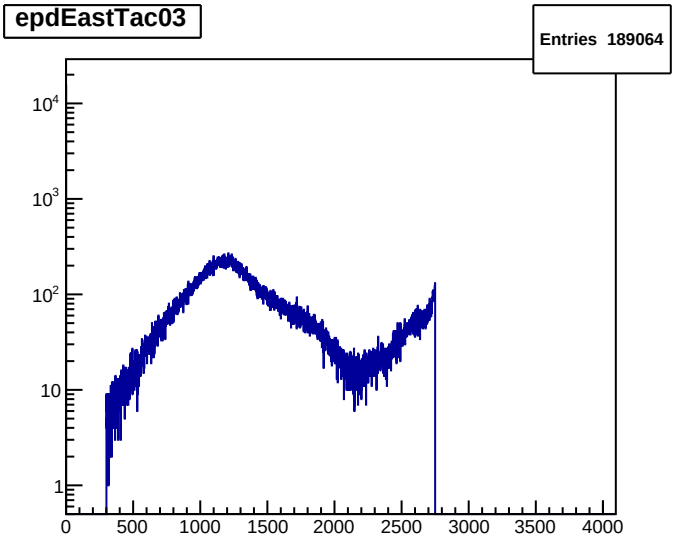

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

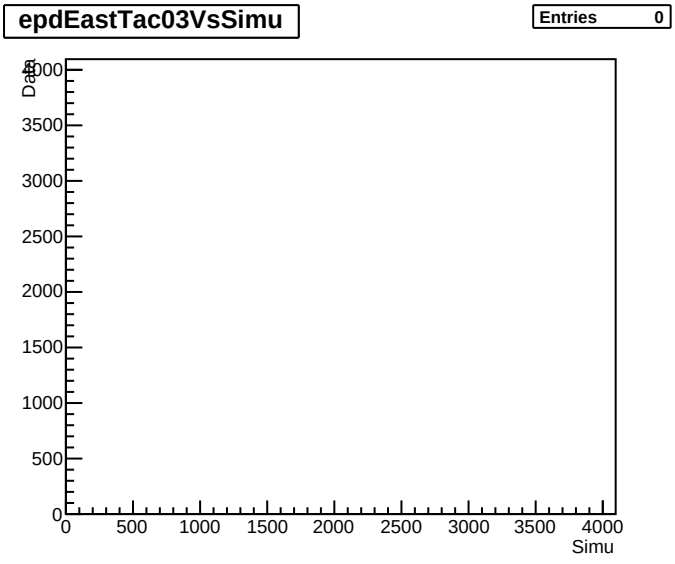

epdWestTacMax
Entries 1512512
TAC
DSM Input Channel

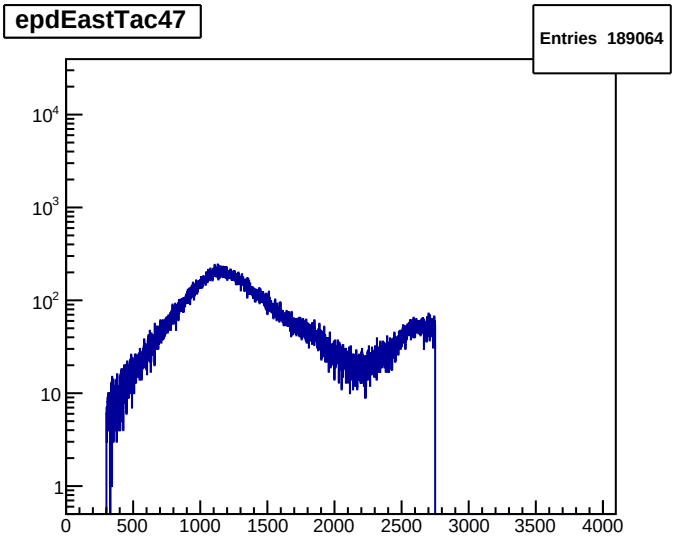

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

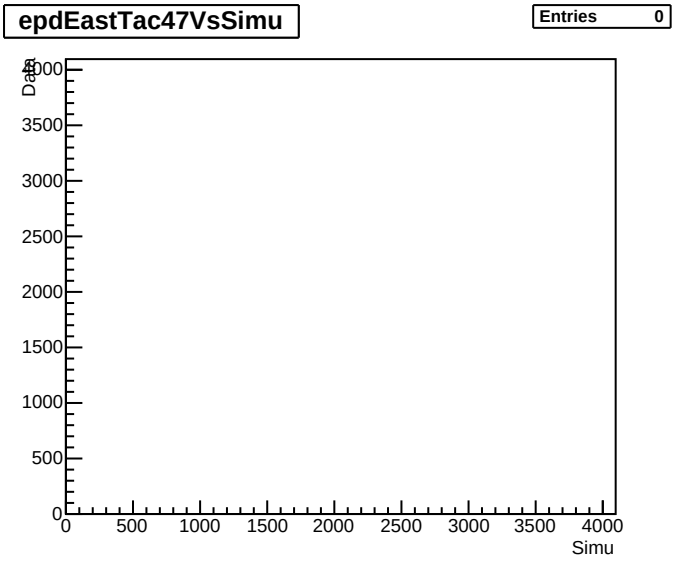

epdWestTHits
Entries 1512512
Truncated NHits
DSMInput Channel

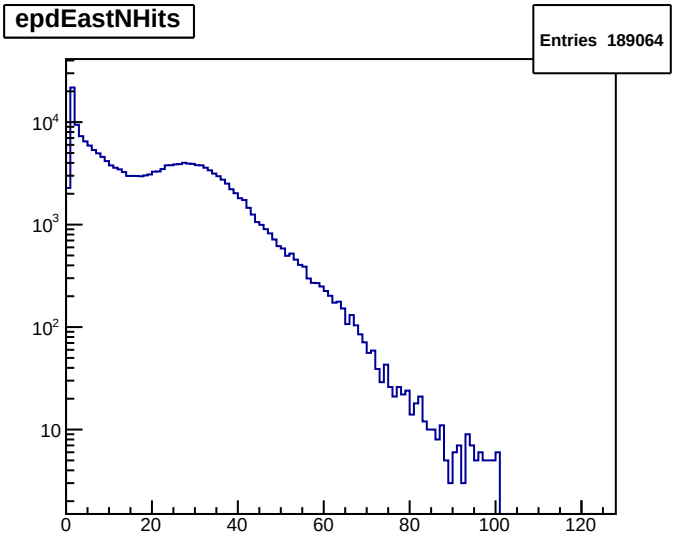

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

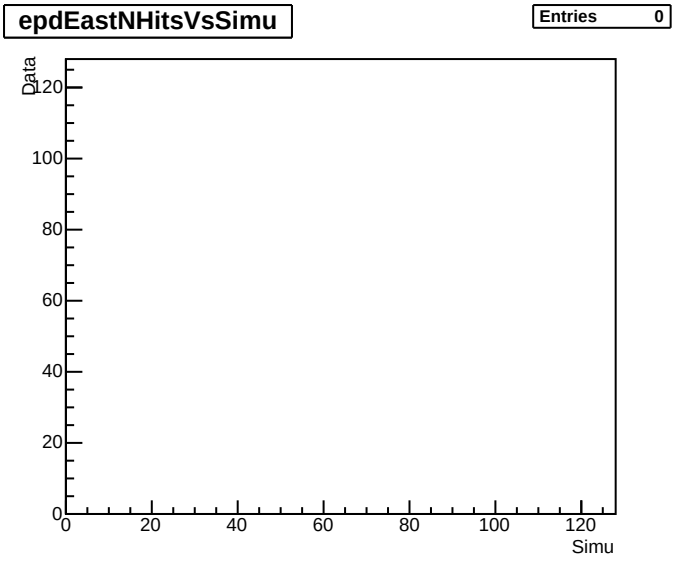

epdEastTac03
Entries 189064

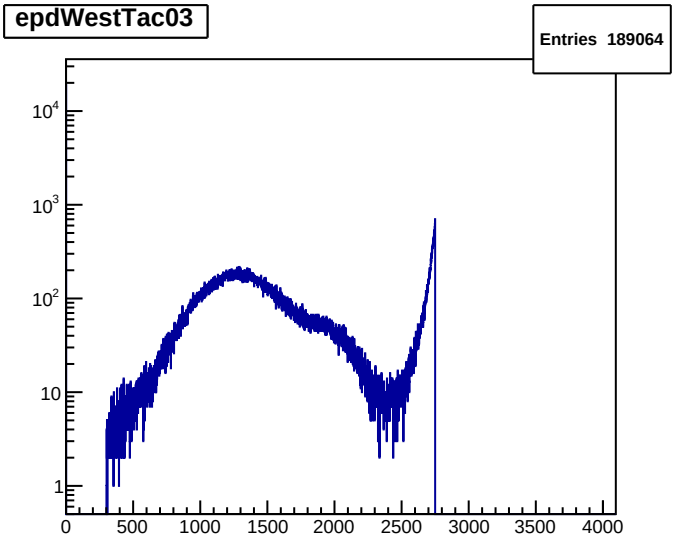

epdEastTac03VsSimu
Entries 0
Data
Simu

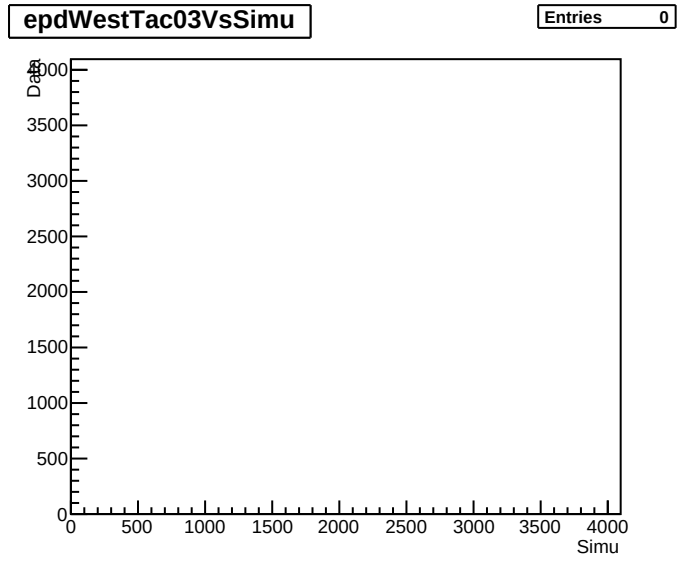

epdEastTac47
Entries 189064

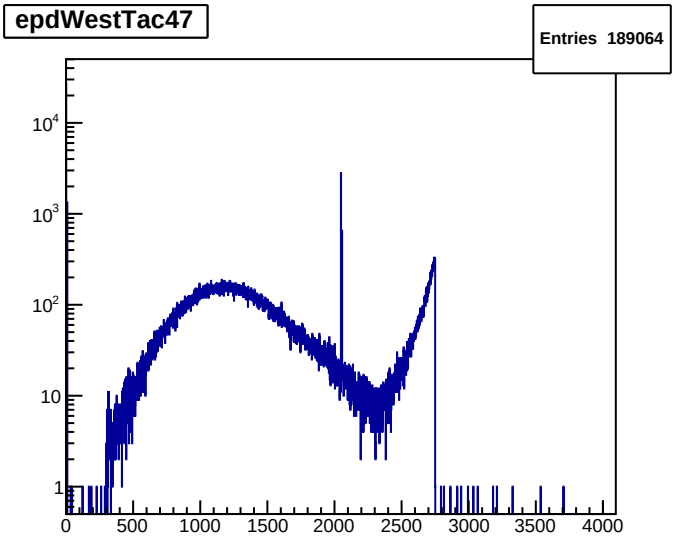

epdEastTac47VsSimu
Entries 0
Data
Simu

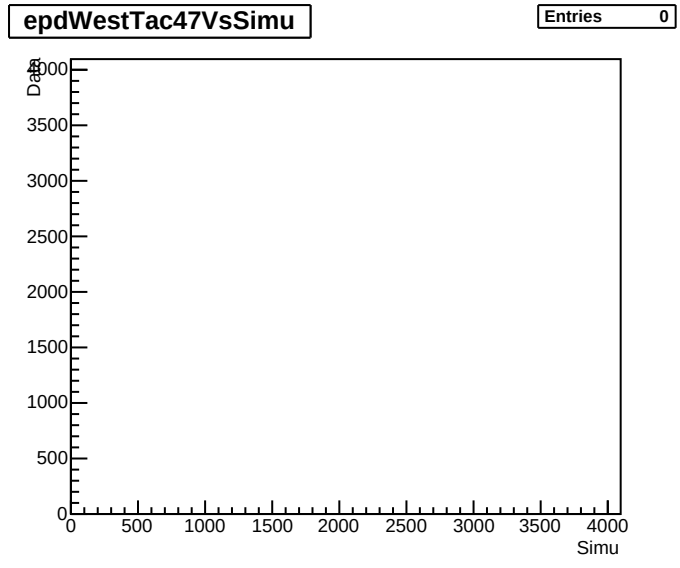

epdEastNHits
Entries 189064

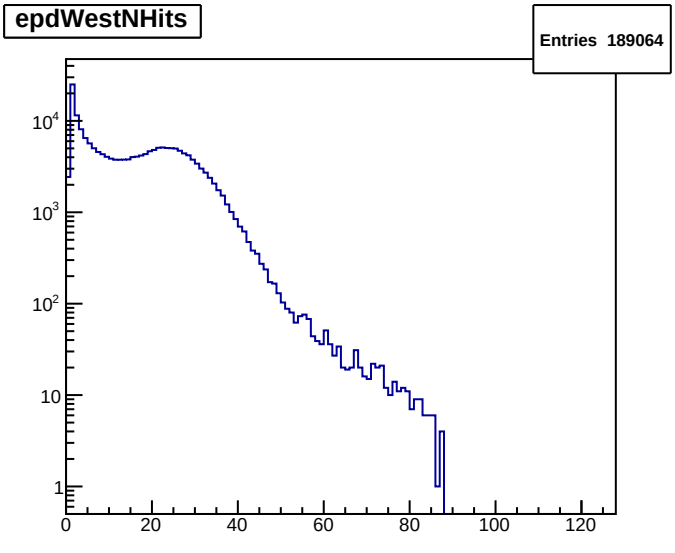

epdEastNHitsVsSimu
Entries 0
Data
Simu

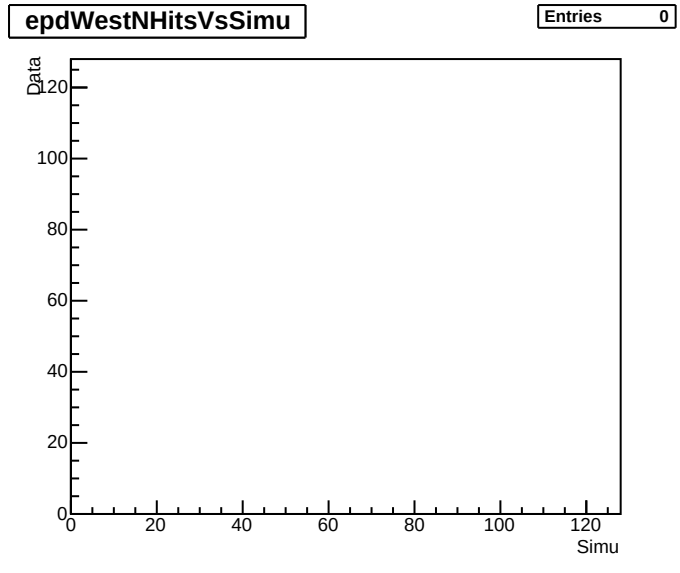

epdWestTac03
Entries 189064

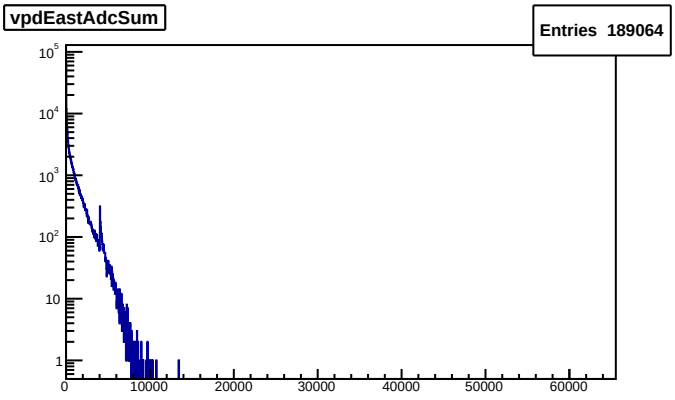

epdWestTac03VsSimu
Entries 0
Data
Simu

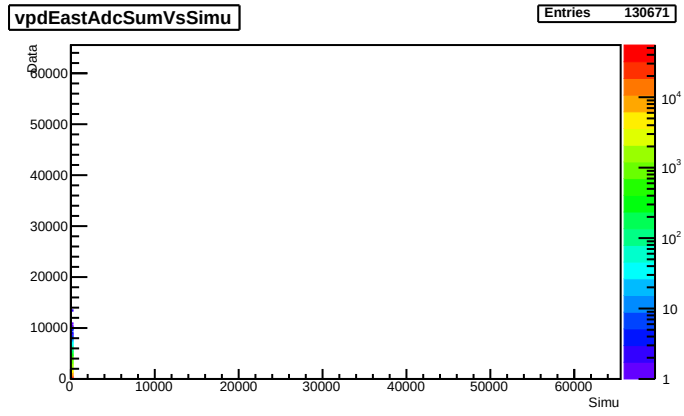

epdWestTac47
Entries 189064

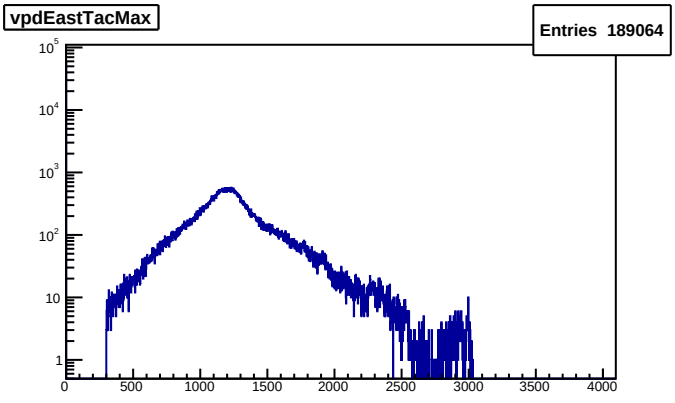

epdWestTac47VsSimu
Entries 0
Data
Simu

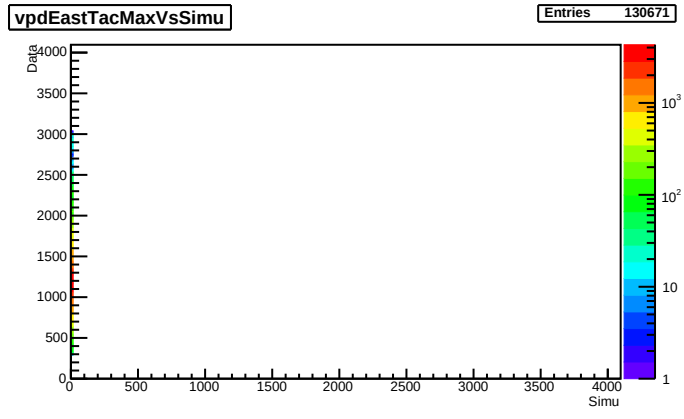

epdWestNHits
Entries 189064

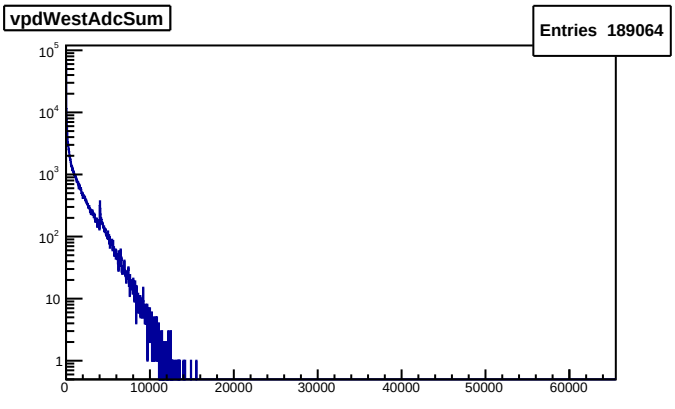

epdWestNHitsVsSimu
Entries 0
Data
Simu

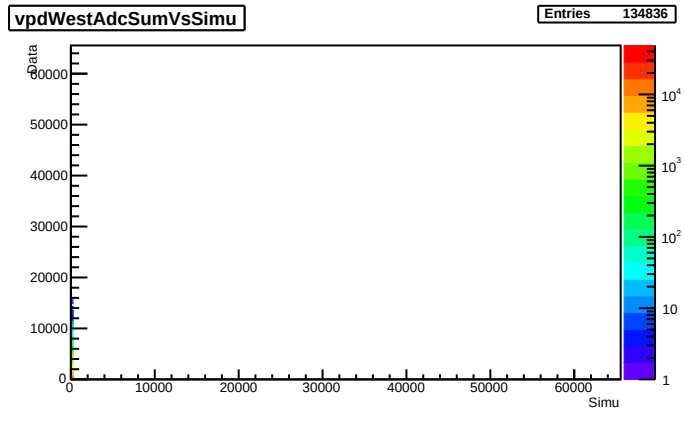

vpdEastAdcSum
Entries 189064

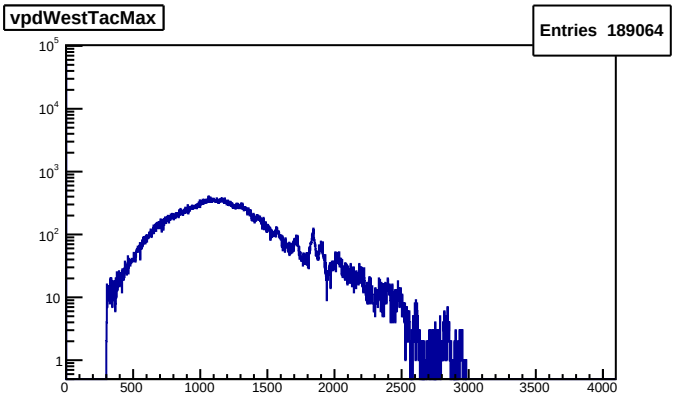

vpdEastAdcSumVsSimu
Entries 130671
Data
Simu

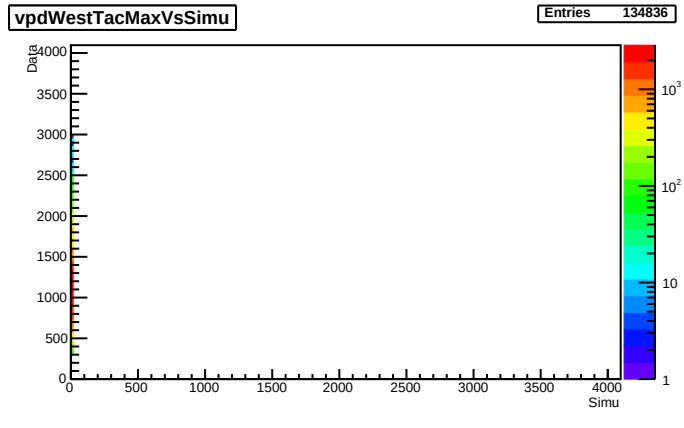

vpdEastTacMax
Entries 189064

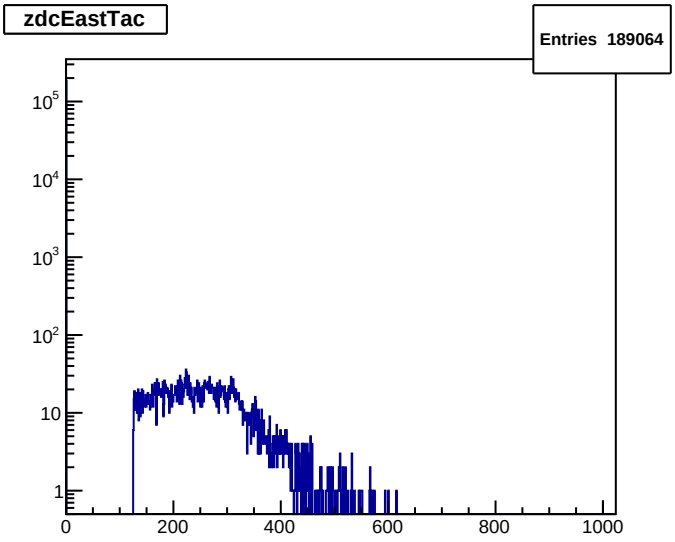

vpdEastTacMaxVsSimu
Entries 130671
Data
Simu

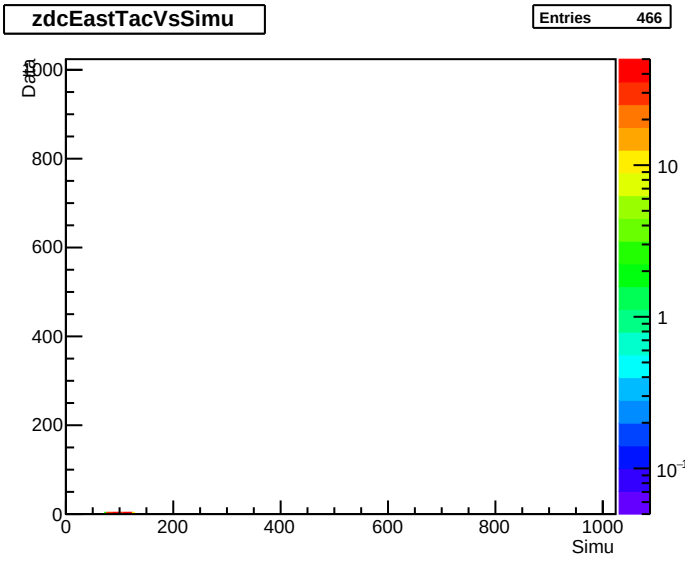

vpdWestAdcSum
Entries 189064

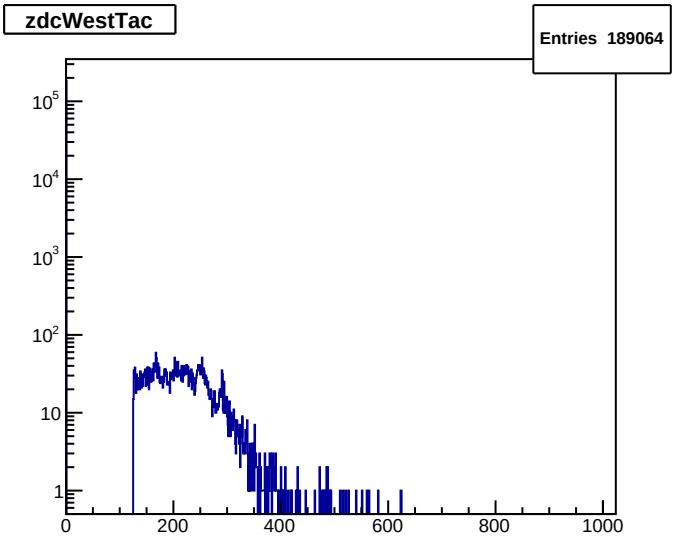

vpdWestAdcSumVsSimu
Entries 134836
Data
Simu

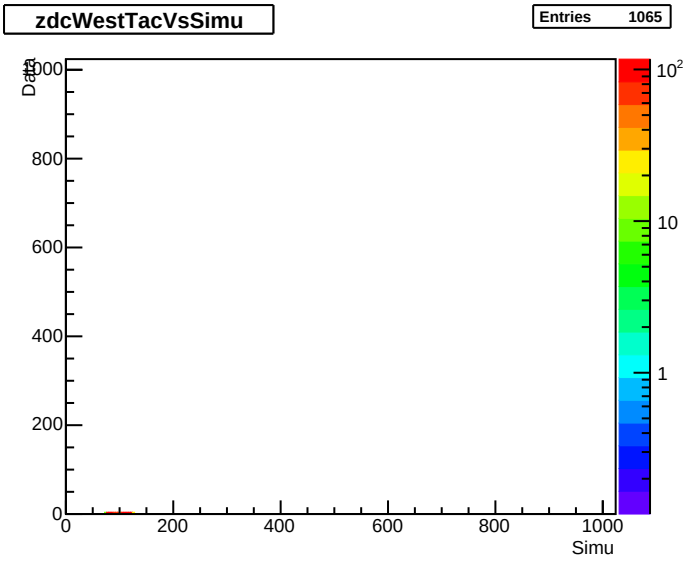

vpdWestTacMax
Entries 189064

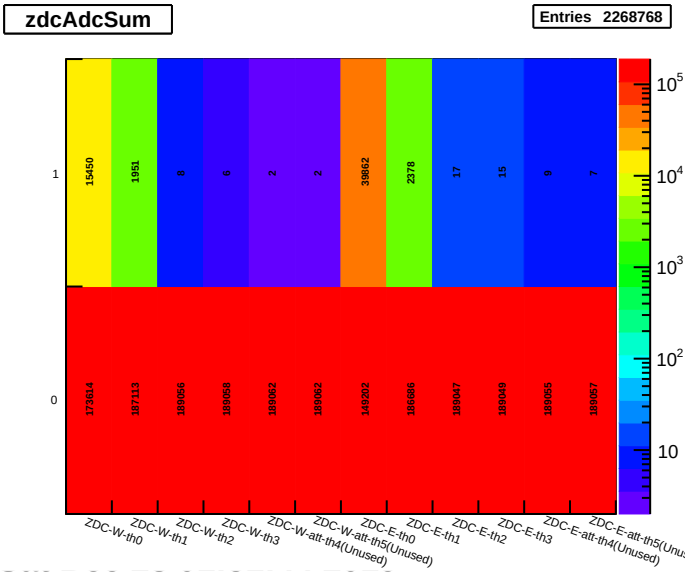

vpdWestTacMaxVsSimu
Entries 134836
Data
Simu

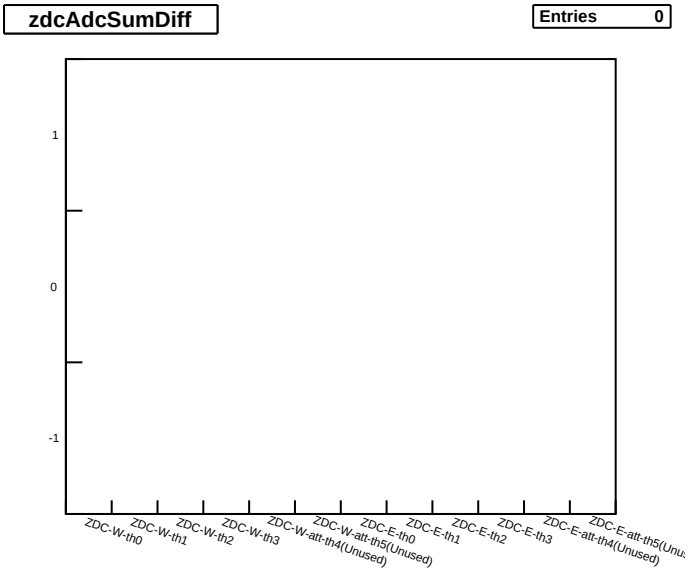

zdcEastTac
Entries 189064

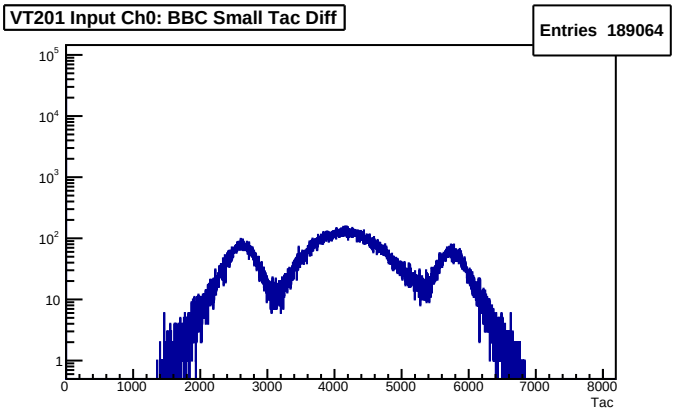

zdcEastTacVsSimu
Entries 466
Data
Simu

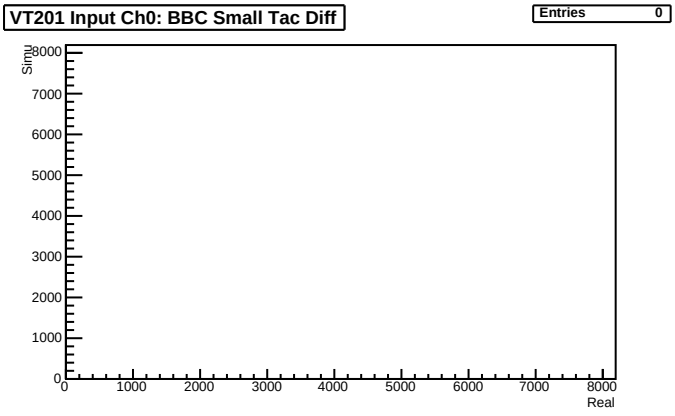

zdcWestTac
Entries 189064

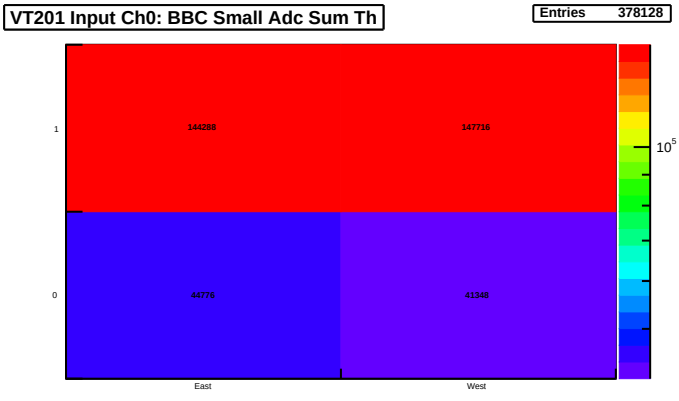

zdcWestTacVsSimu
Entries 1065
Data
Simu

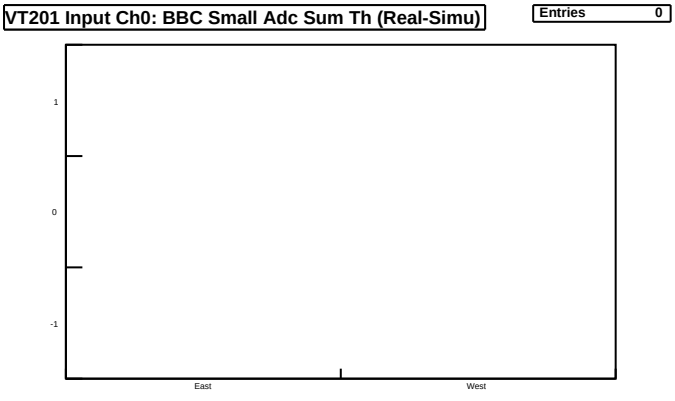

zdcAdcSum
Entries 2268768
15450
1951
8
6
2
2
39862
2378
17
15
9
7
173614
187113
189056
189058
189062
189062
149202
186686
189047
189049
189055
189057
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

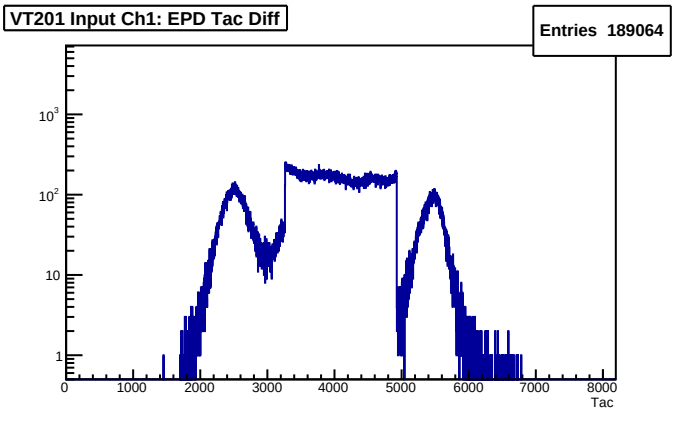

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

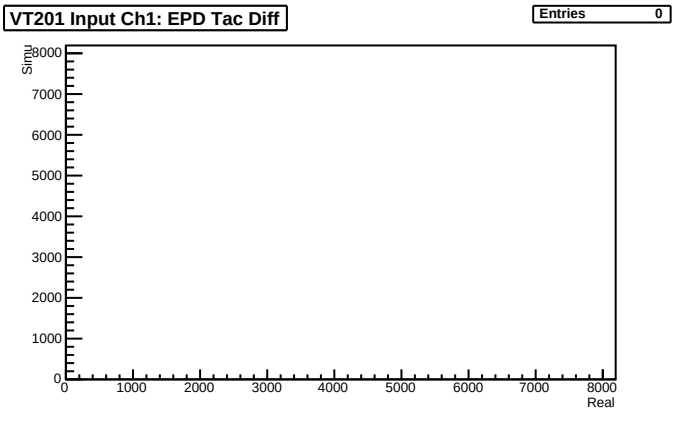

VT201 Input Ch0: BBC Small Tac Diff
Entries 189064
Tac

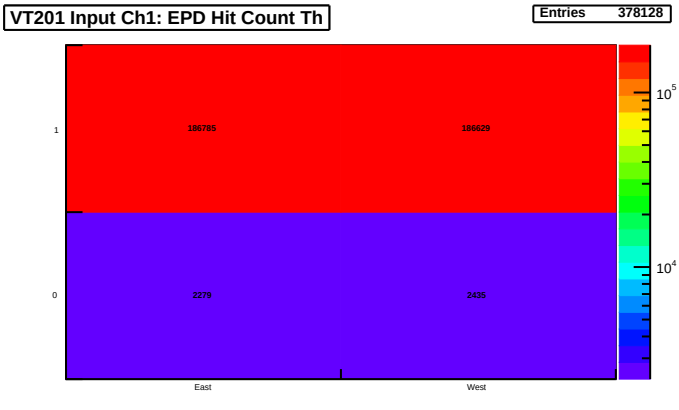

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

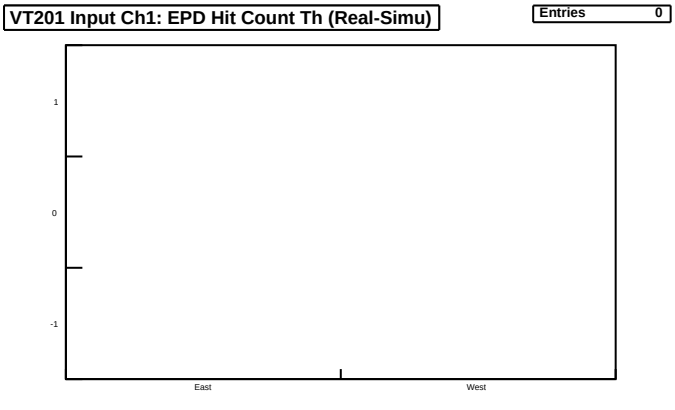

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 378128
144288
147716
44776
41348
East
West

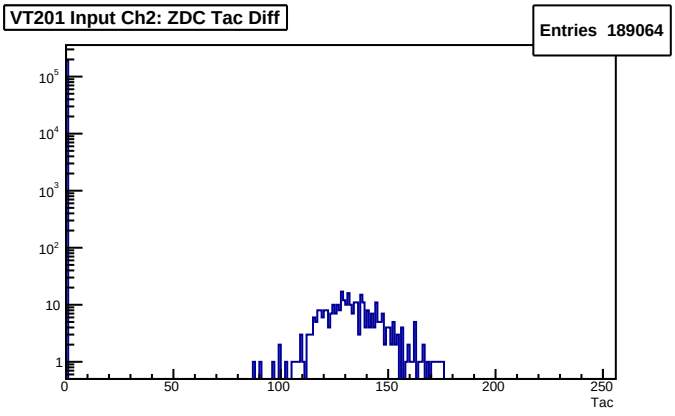

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

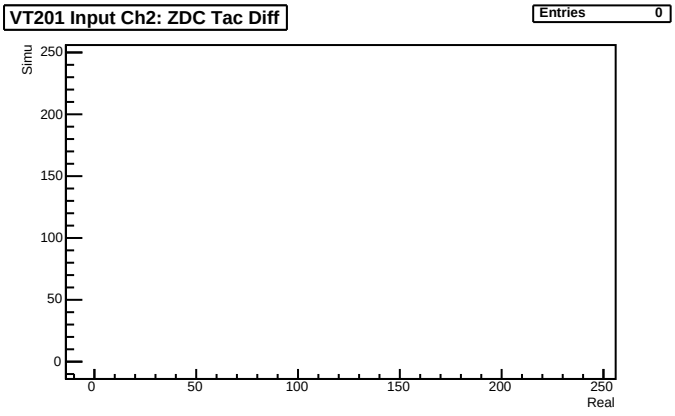

VT201 Input Ch1: EPD Tac Diff
Entries 189064
Tac

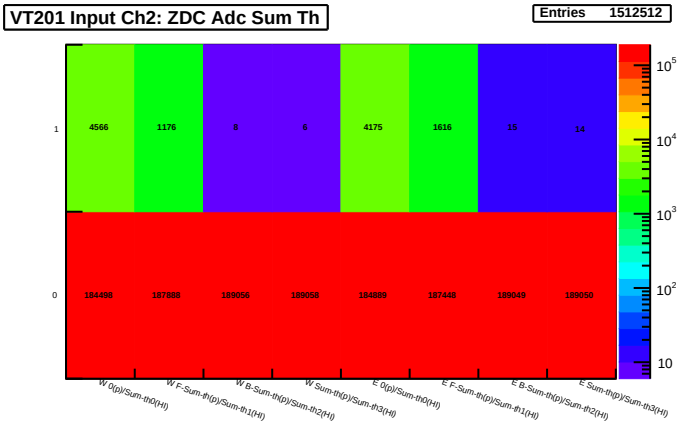

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

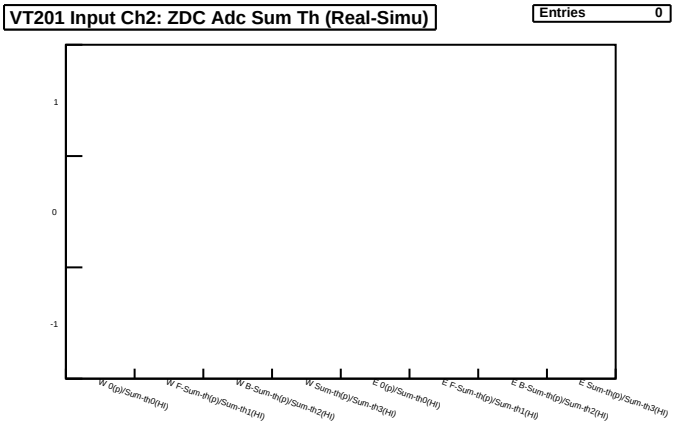

VT201 Input Ch1: EPD Hit Count Th
Entries 378128
186785
186629
2279
2435
East
West

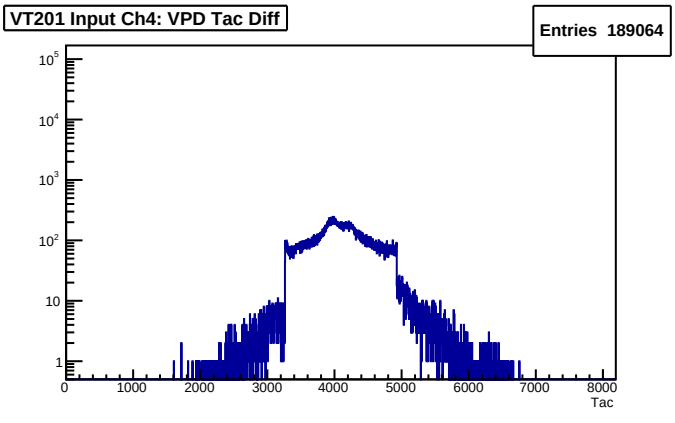

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

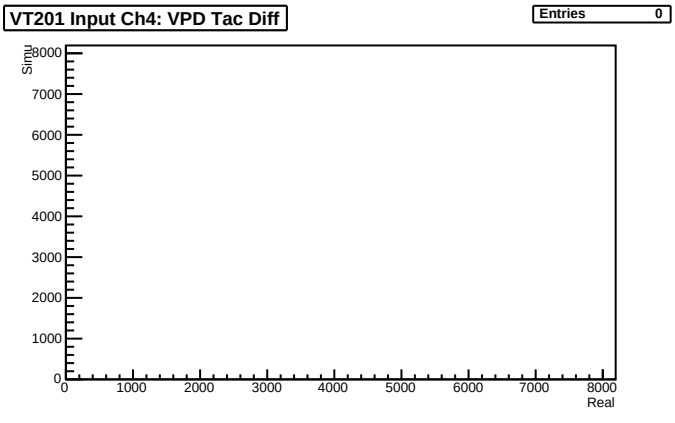

VT201 Input Ch2: ZDC Tac Diff
Entries 189064
Tac

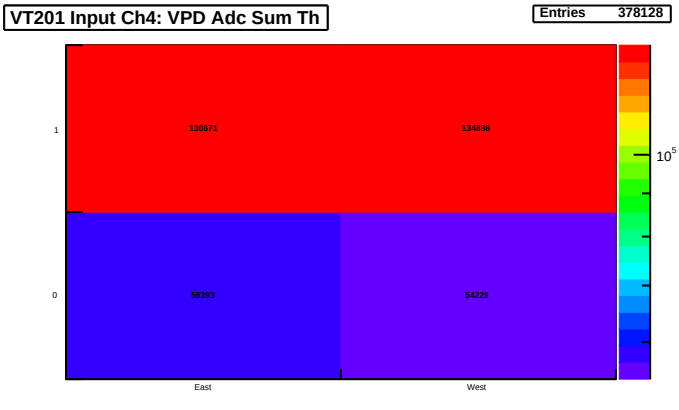

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

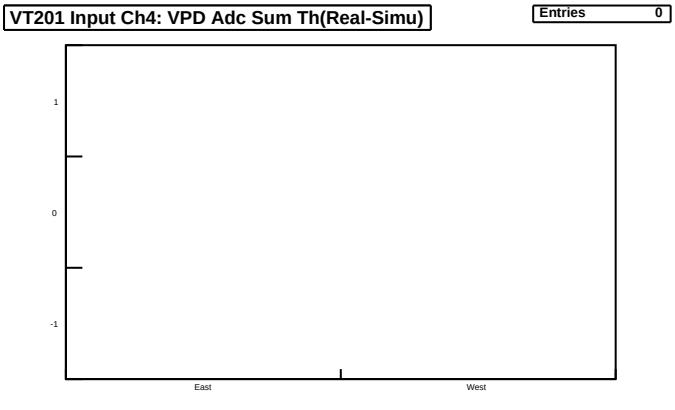

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1512512
4566
1176
8
6
4175
1616
15
14
184498
187888
189056
189058
184889
187448
189049
189050
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

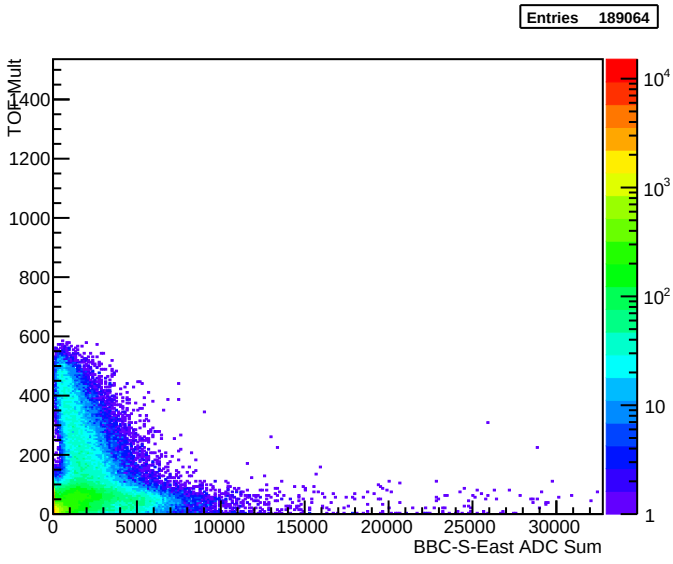

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

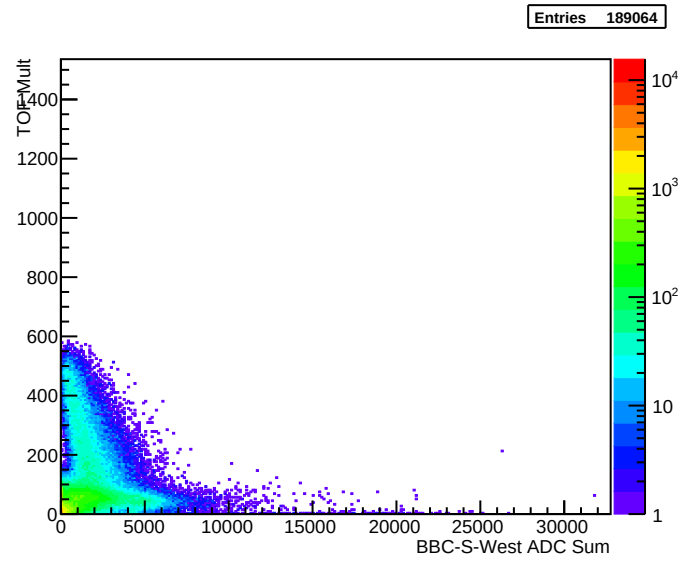

VT201 Input Ch4: VPD Tac Diff
Entries 189064
Tac

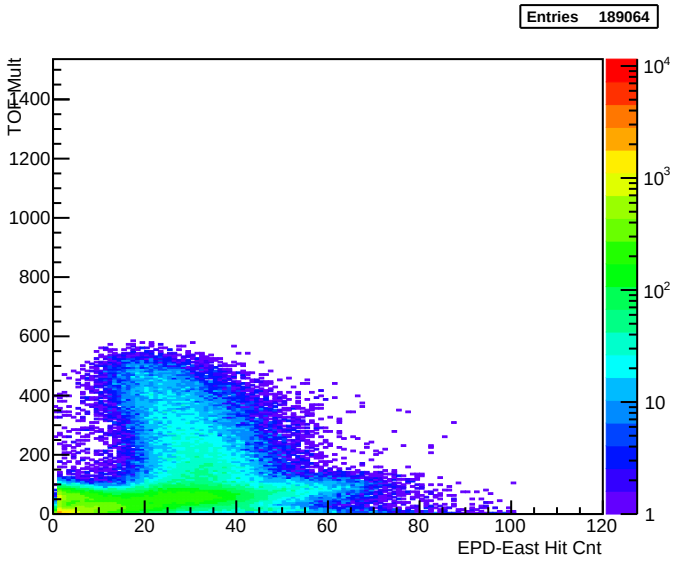

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

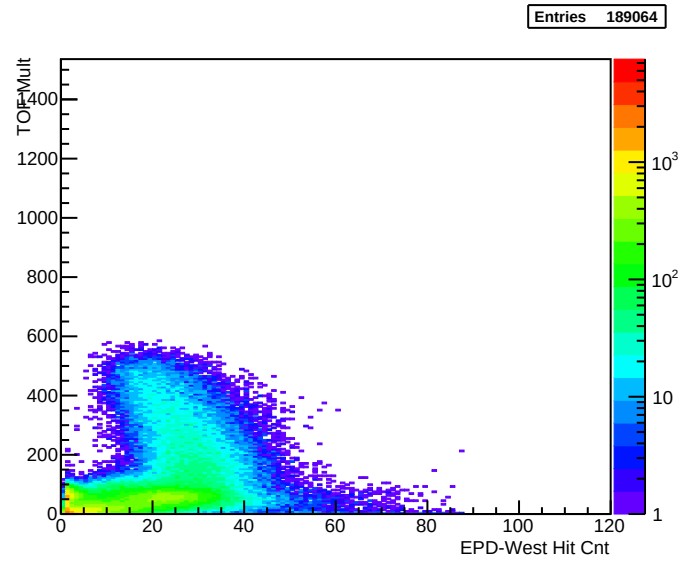

VT201 Input Ch4: VPD Adc Sum Th
Entries 378128
130671
134836
58393
54228
East
West

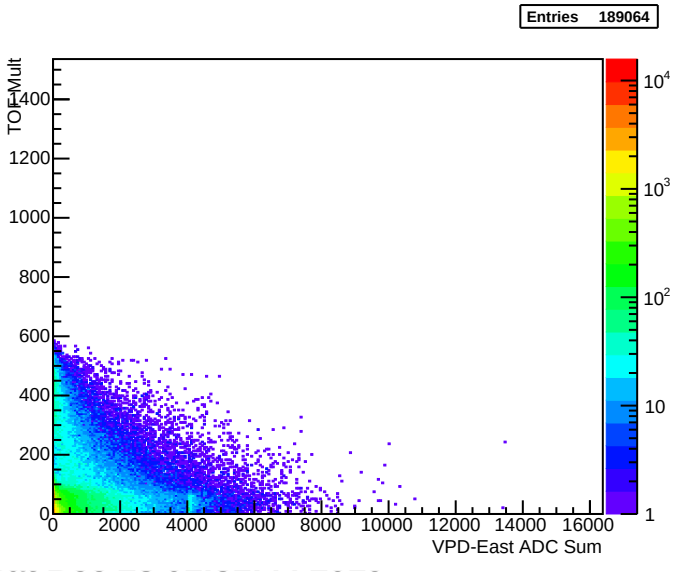

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

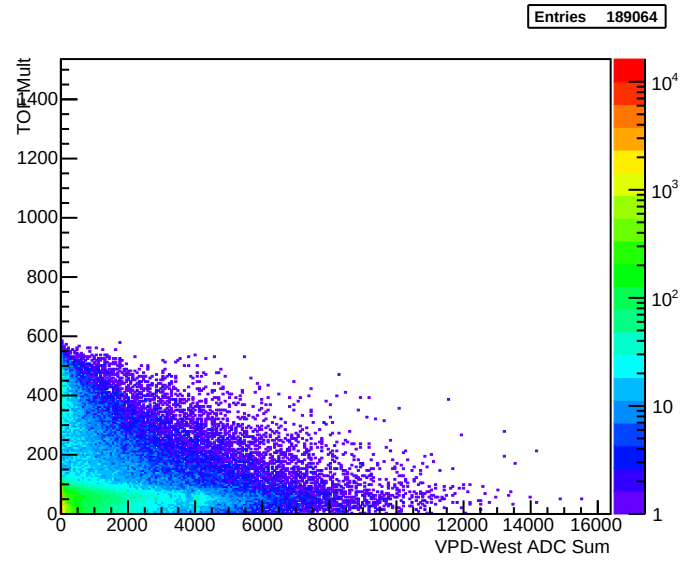

Entries 189064
TOF-Mult
BBC-S-East ADC Sum

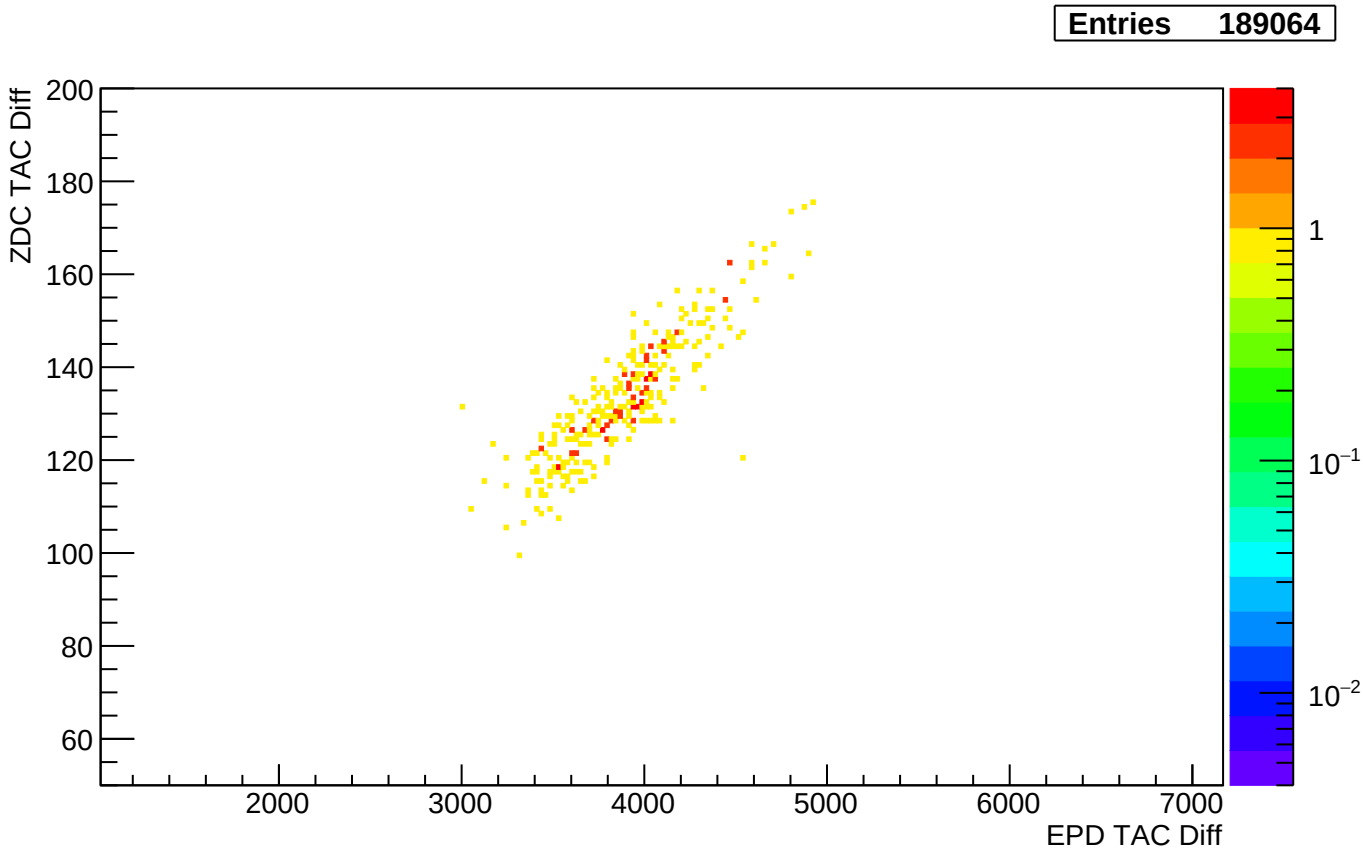

Entries 189064
TOF-Mult
BBC-S-West ADC Sum

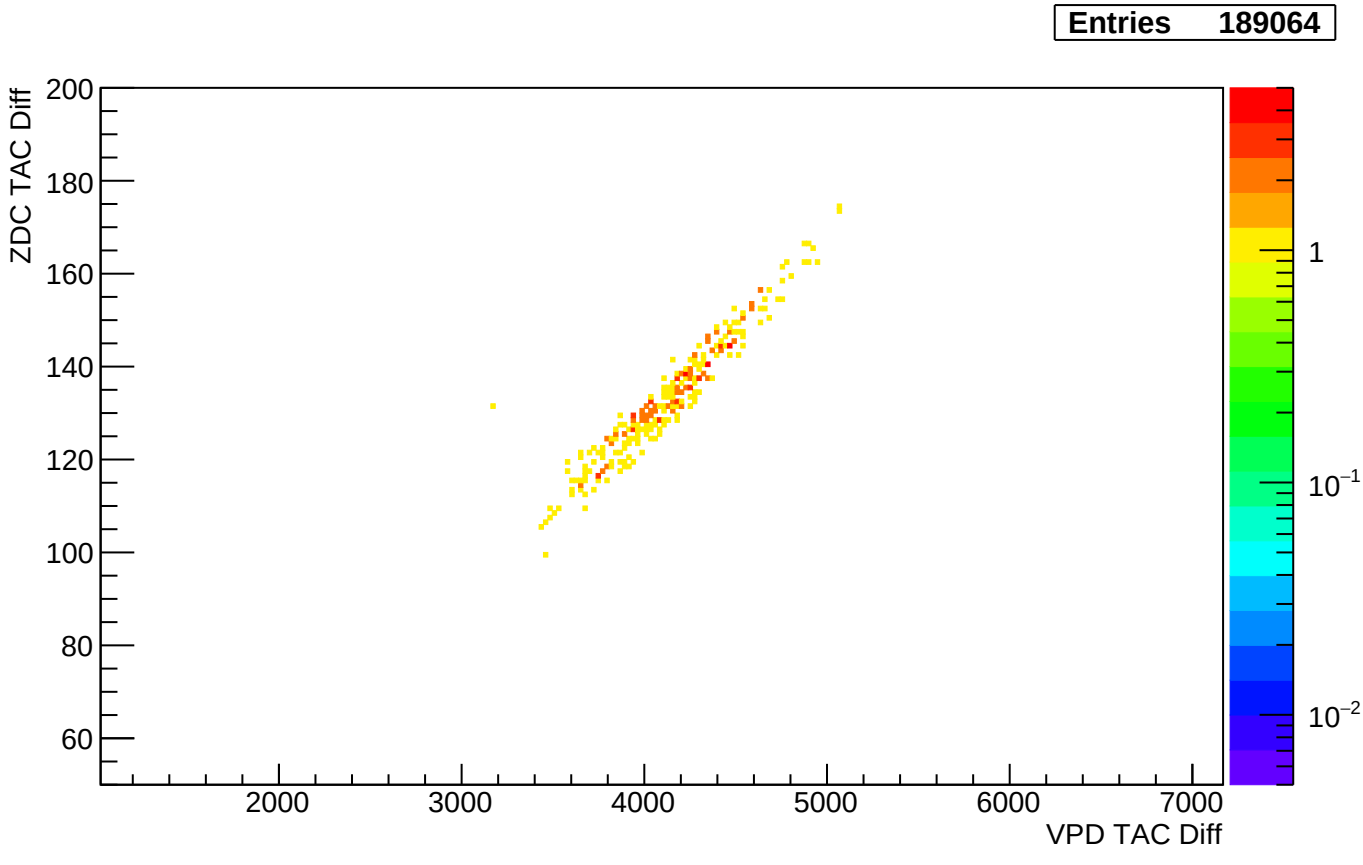

Entries 189064
TOF-Mult
EPD-East Hit Cnt

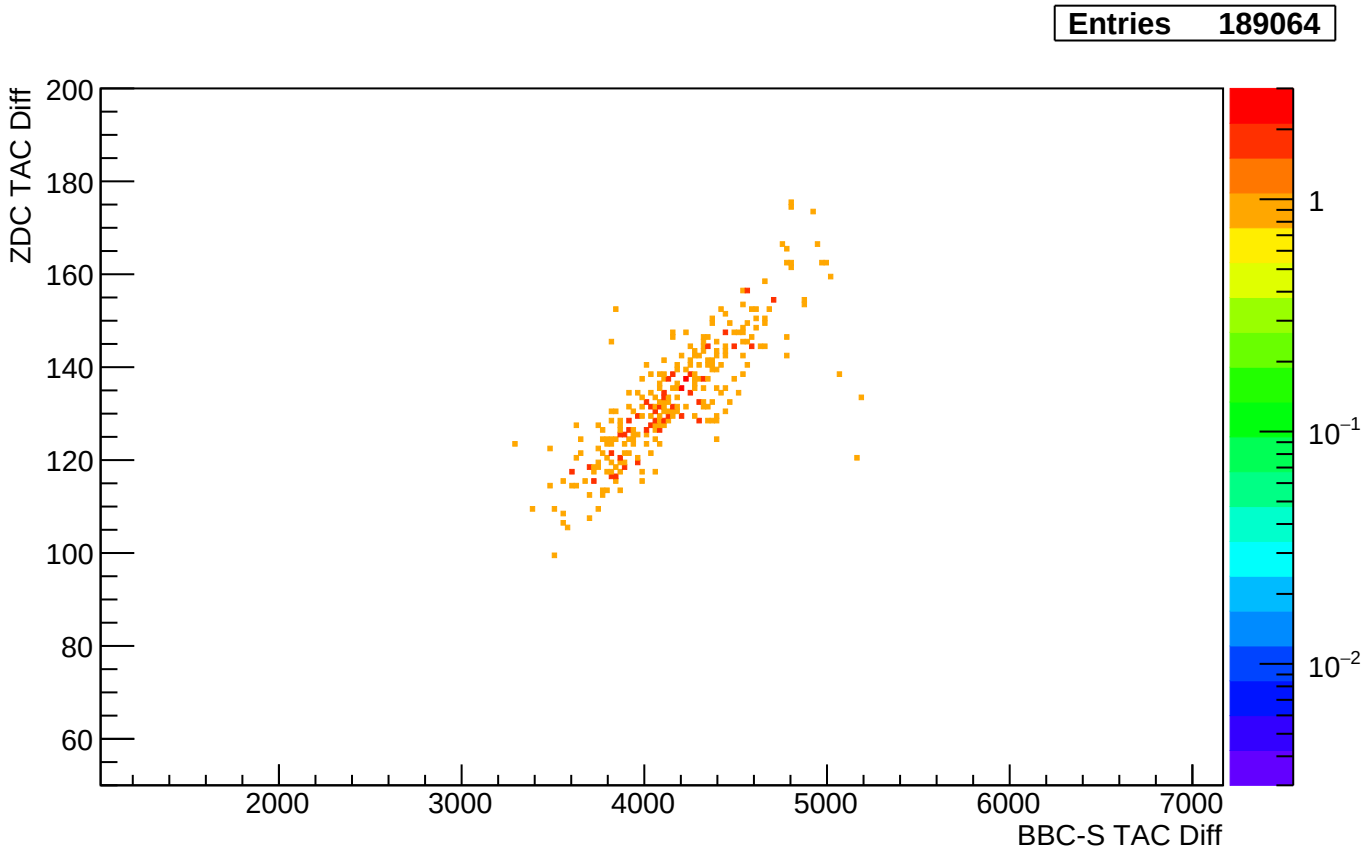

Entries 189064
TOF-Mult
EPD-West Hit Cnt

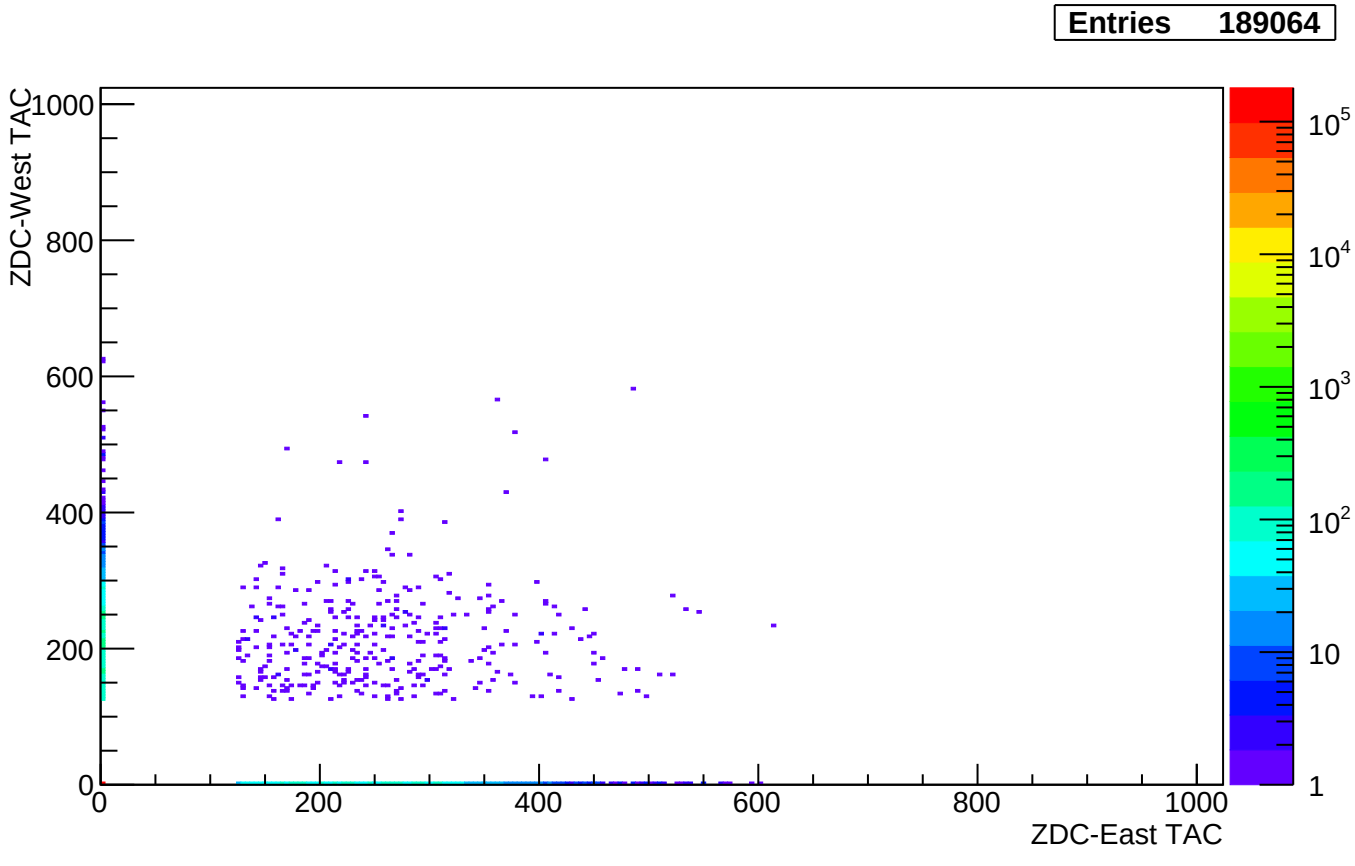

Entries 189064
TOF-Mult
VPD-East ADC Sum

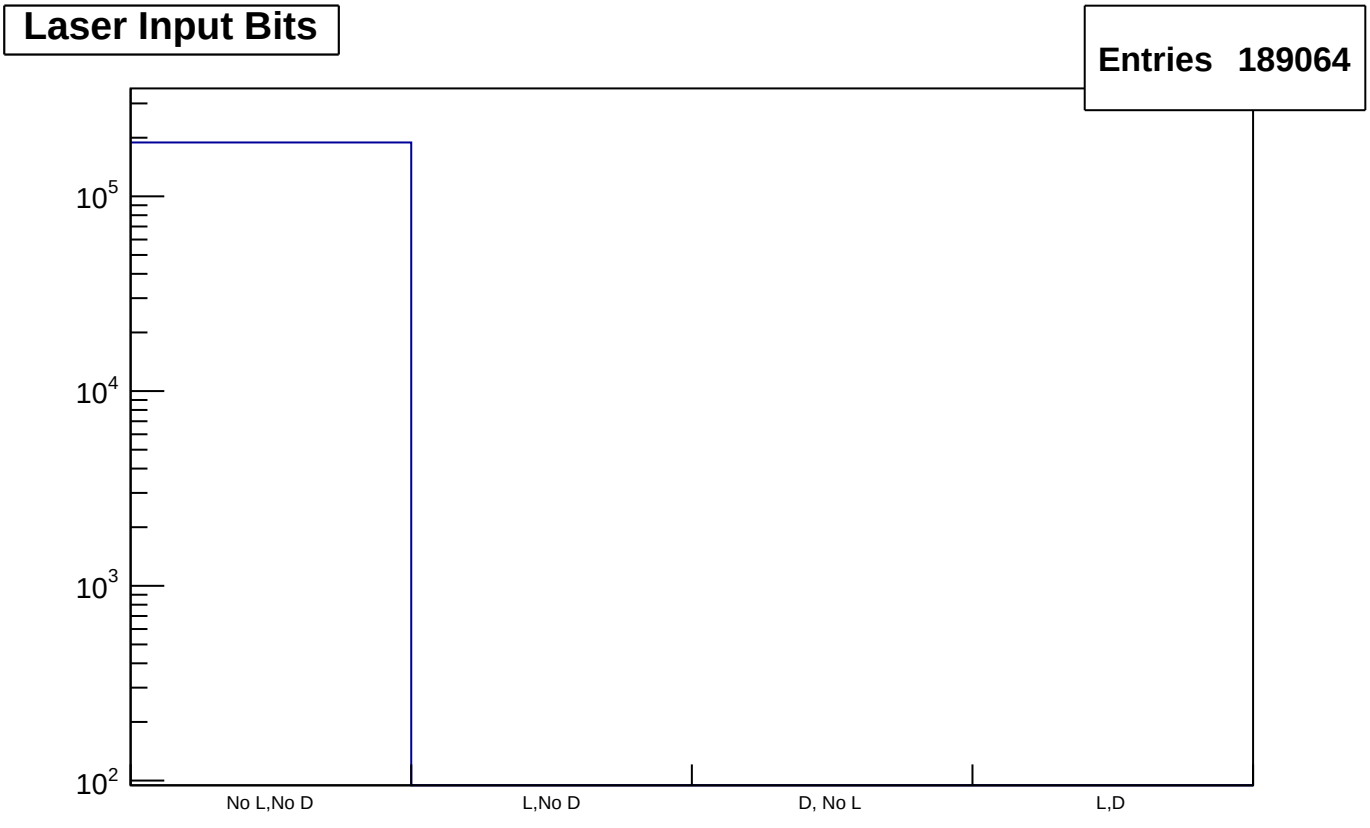

Entries 189064
TOF-Mult
VPD-West ADC Sum

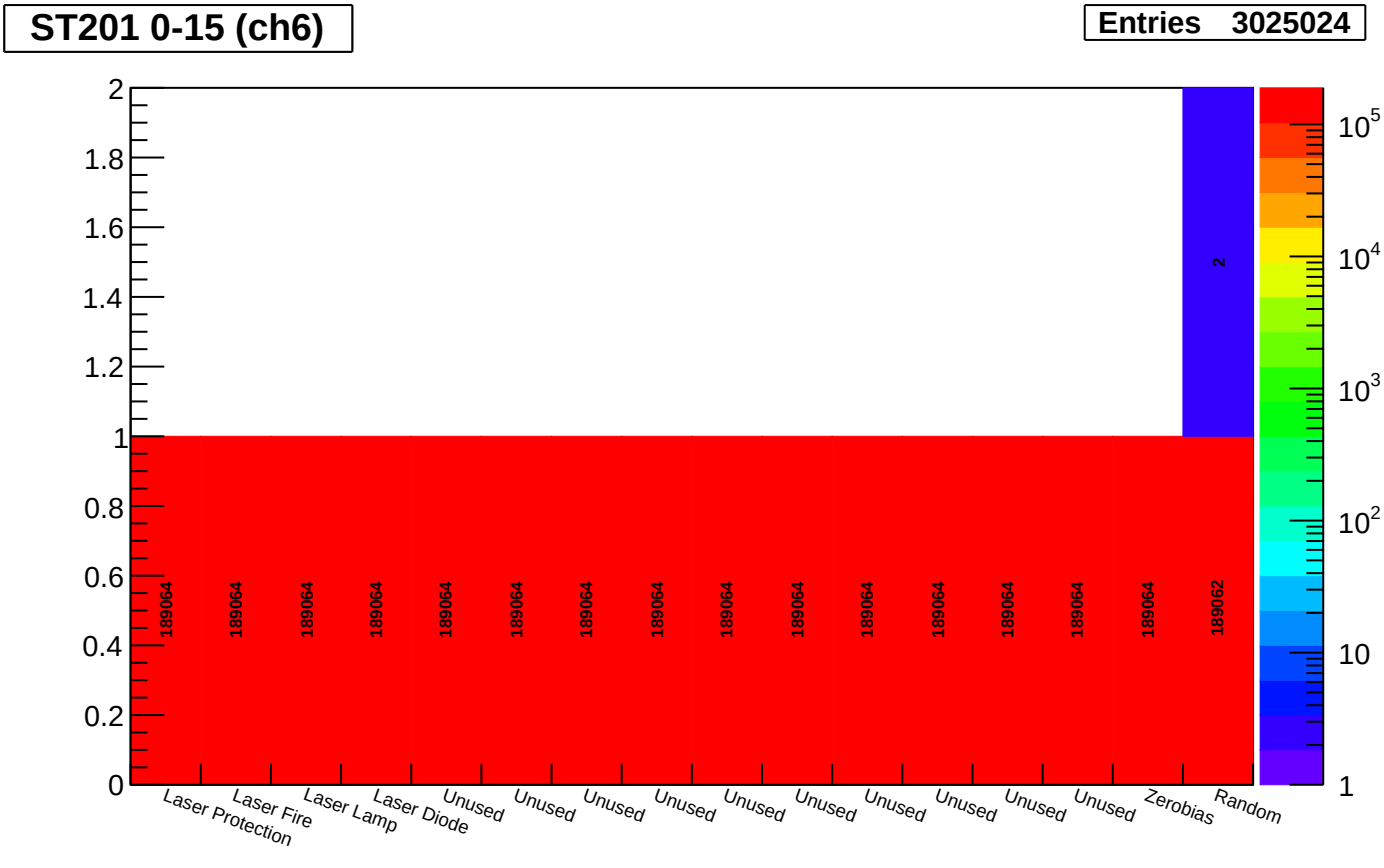

Entries 189064
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

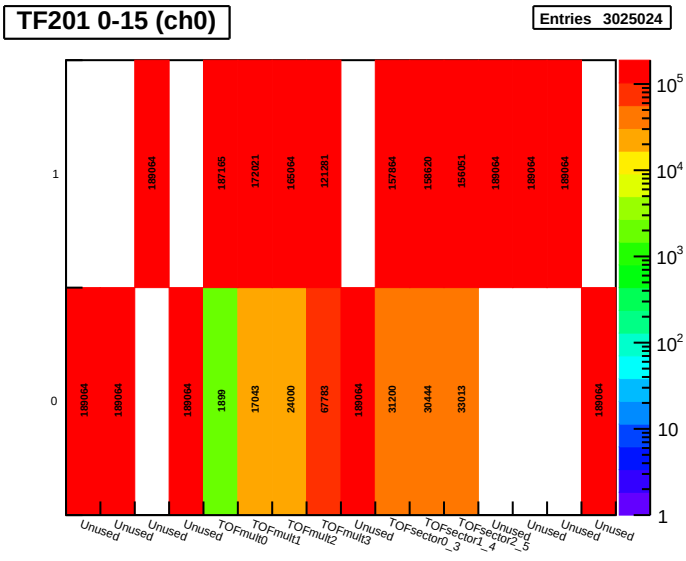

Entries 189064
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

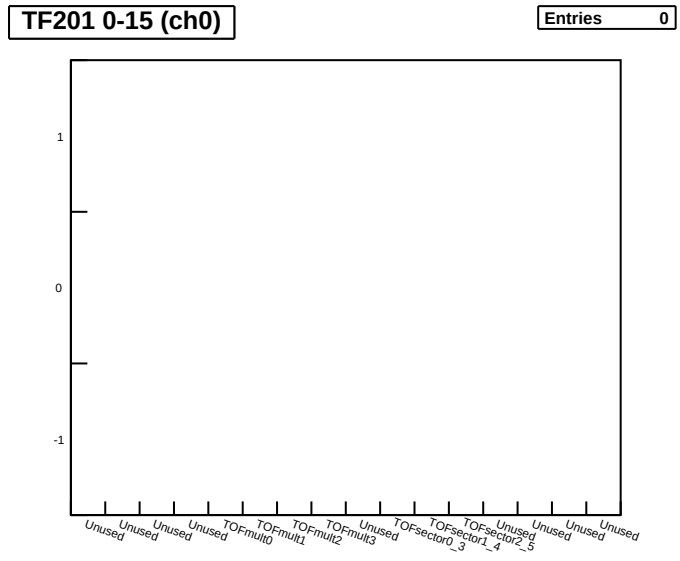

Entries 189064
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

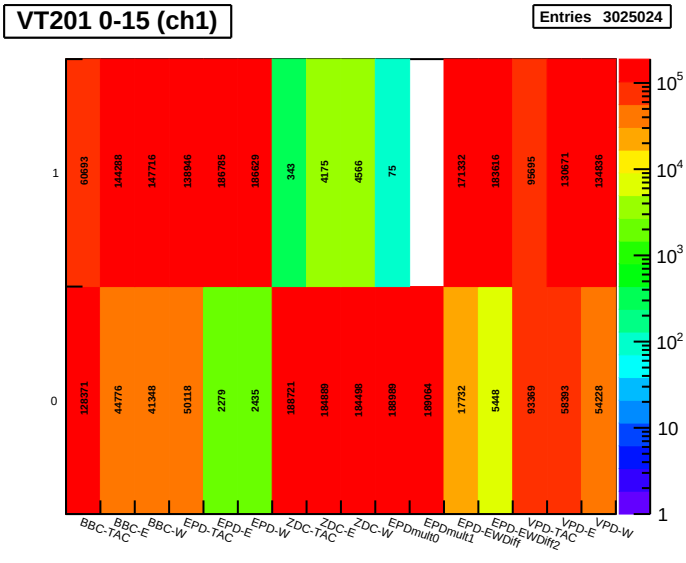

Entries 189064
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

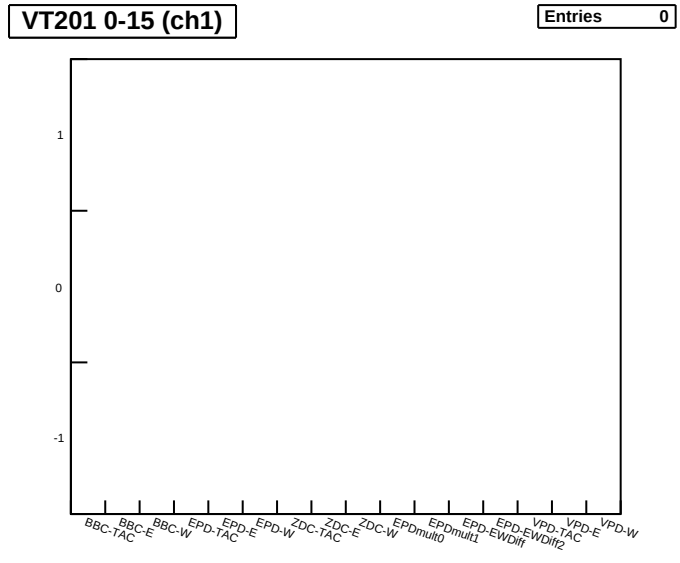

Laser Input Bits
Entries 189064
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

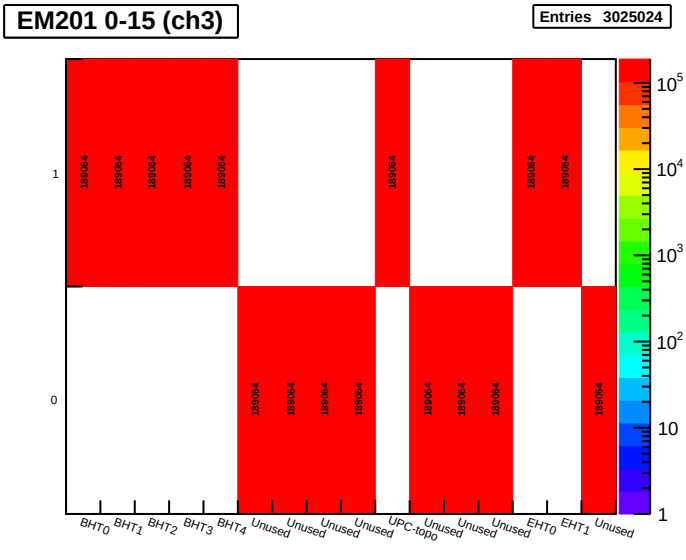

ST201 0-15 (ch6)
Entries 3025024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
189064
189062
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

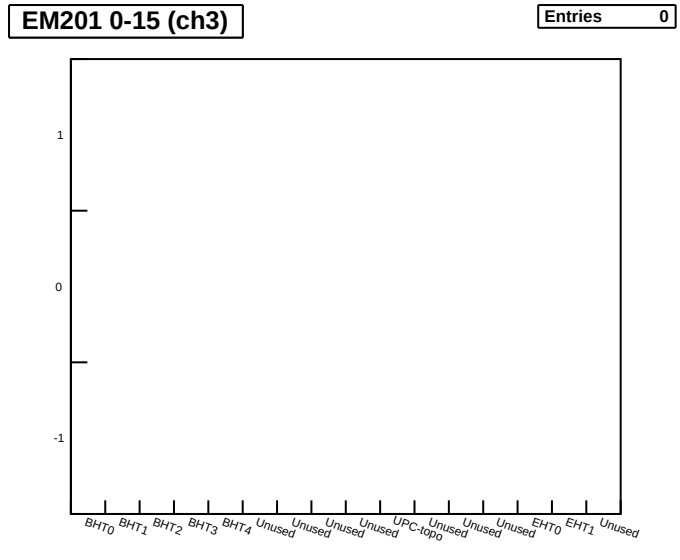

TF201 0-15 (ch0)
Entries 3025024
1
0
189064 189064 189064 189064 167165 172021 165064 121281 157864 159620 156651 189064 189064 189064
189064 189064 189064 1899 17043 24000 67783 189064 31200 30444 33013 189064
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 Unused


VT201 0-15 (ch1)
Entries 3025024
1
0
60693 144288 147716 138946 186785 186629 343 4175 4566 75 171332 183616 95695 130671 134836
128371 44776 41348 50118 2279 2435 188721 184880 184498 188989 189064 17732 5448 93369 58393 54228
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 3025024
1
0
189064 189064 189064 189064 189064 189064 189064 189064 189064
189064 189064 189064 189064 189064 189064 189064 189064
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