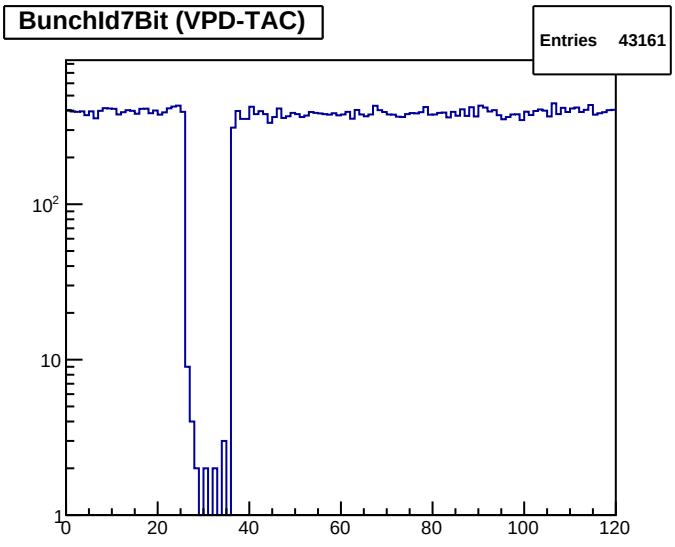
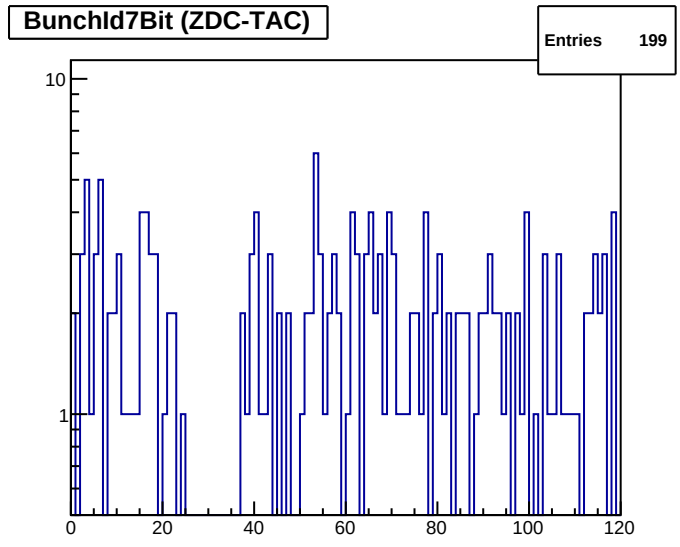
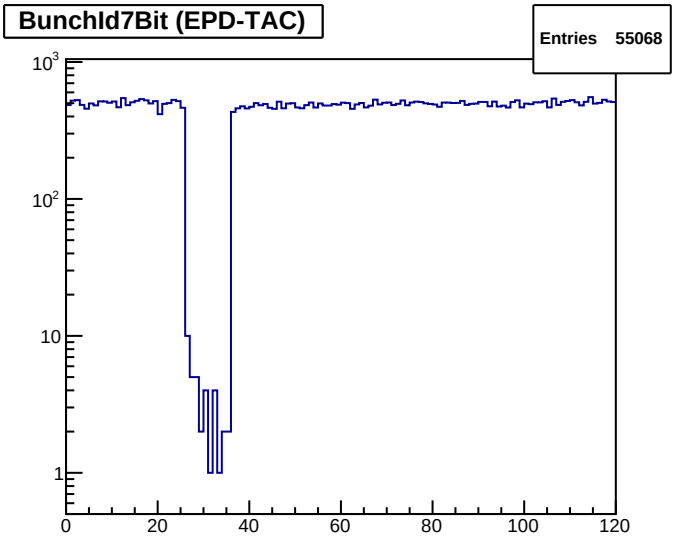
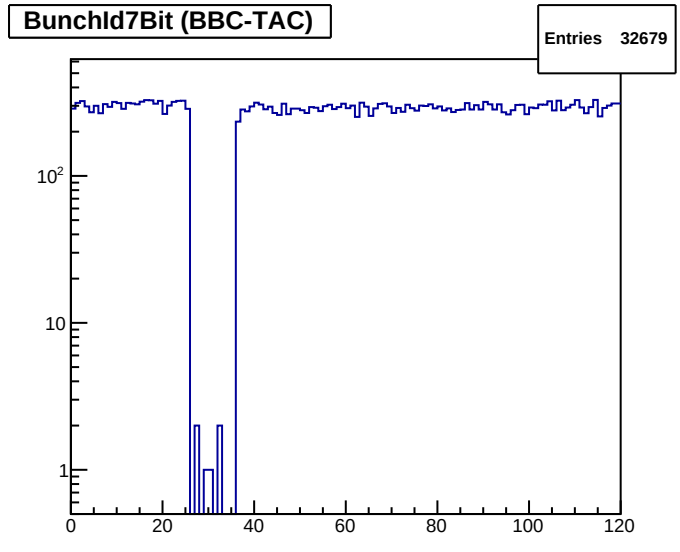
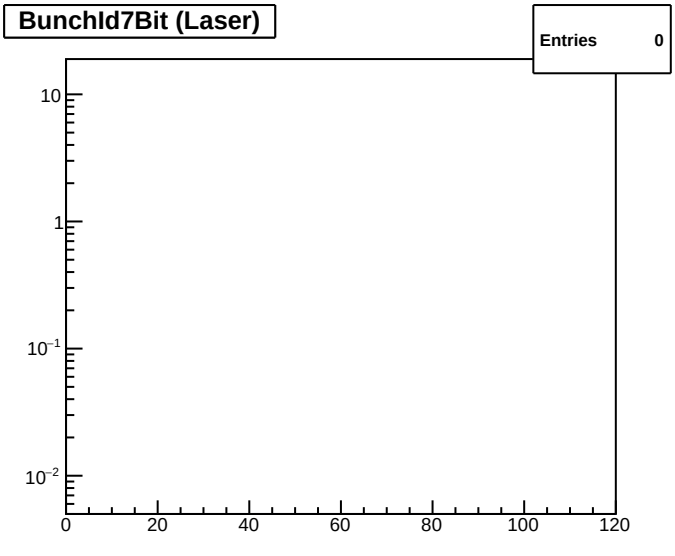
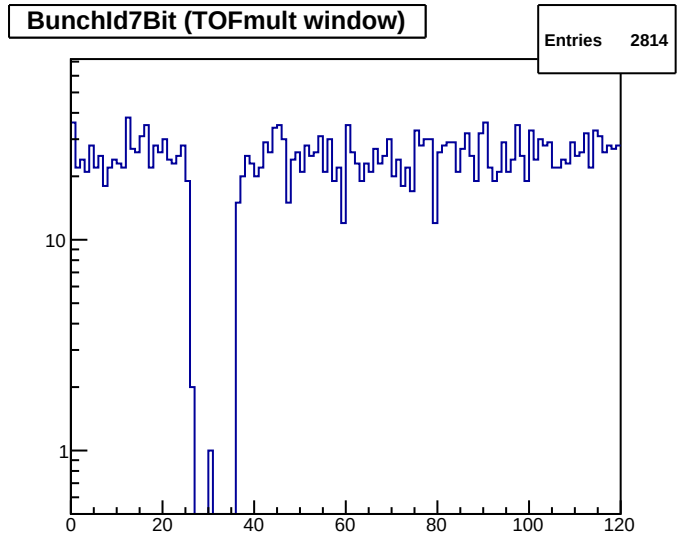

BunchId7Bit (VPD-TAC)
Entries 43161

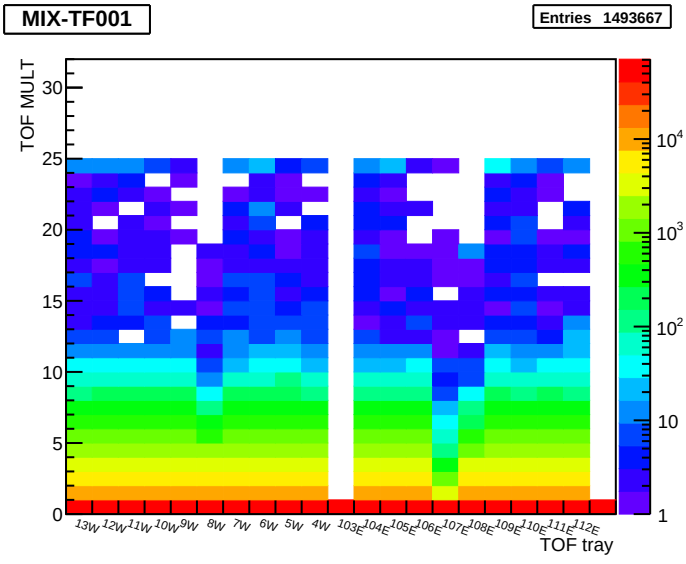

BunchId7Bit (ZDC-TAC)
Entries 199

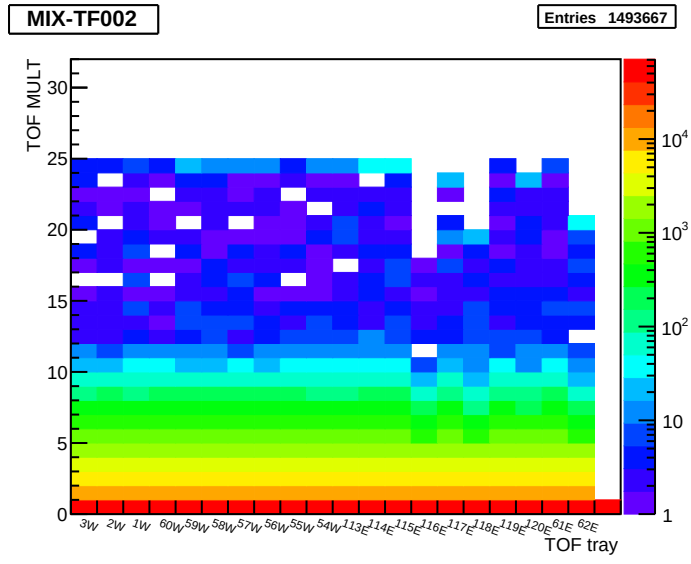

BunchId7Bit (EPD-TAC)
Entries 55068

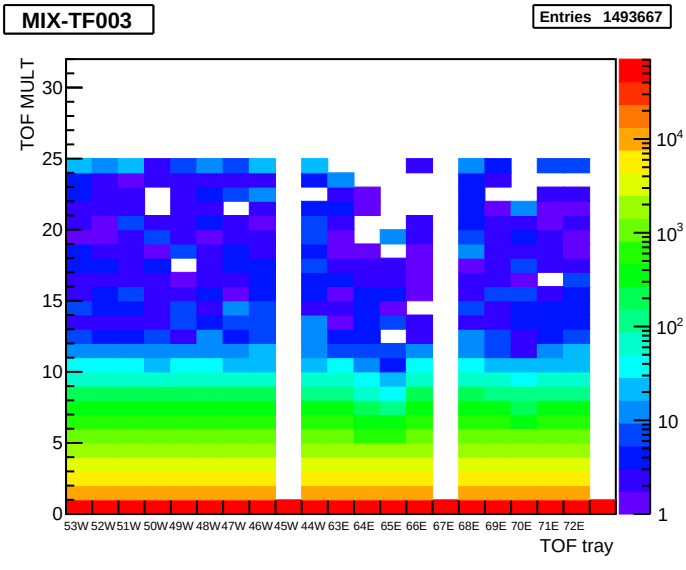

BunchId7Bit (BBC-TAC)
Entries 32679

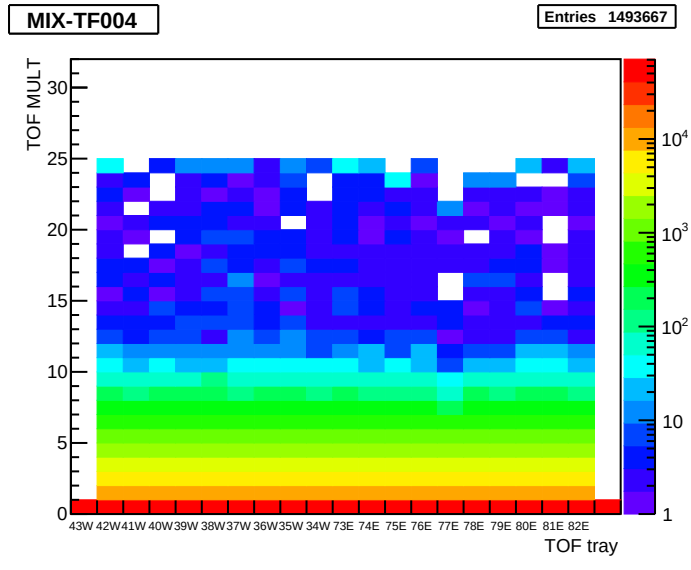

BunchId7Bit (Laser)
Entries 0

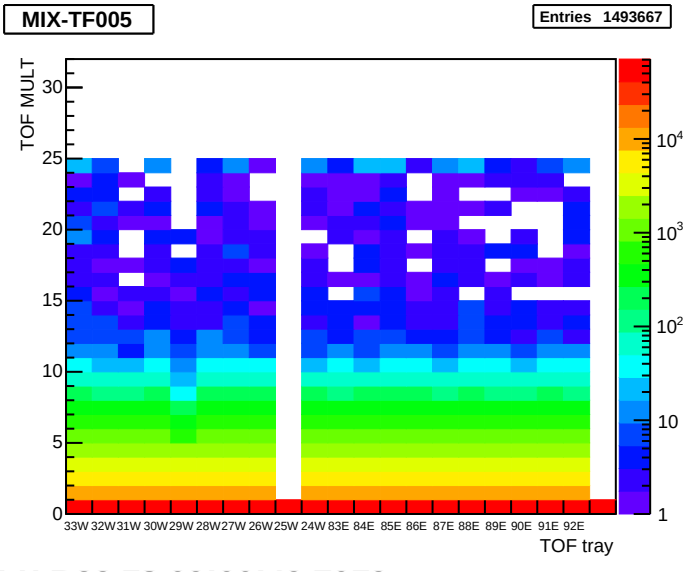

BunchId7Bit (TOFmult window)
Entries 2814

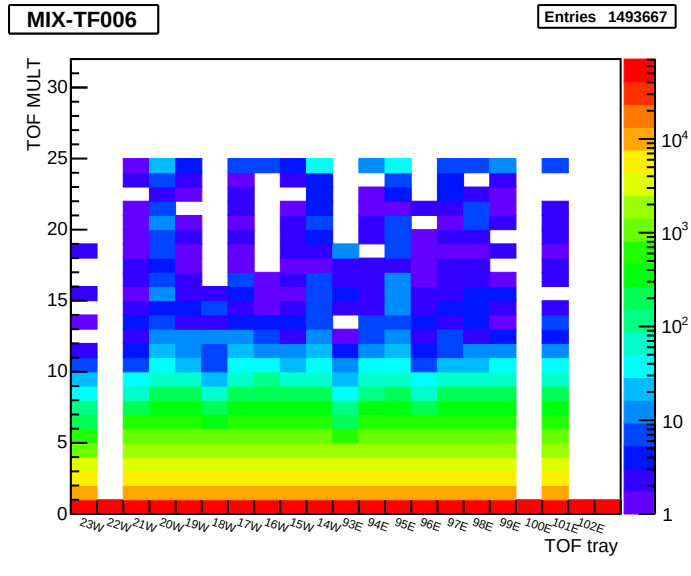

MIX-TF001
Entries 1493667
TOF MULT
TOF tray

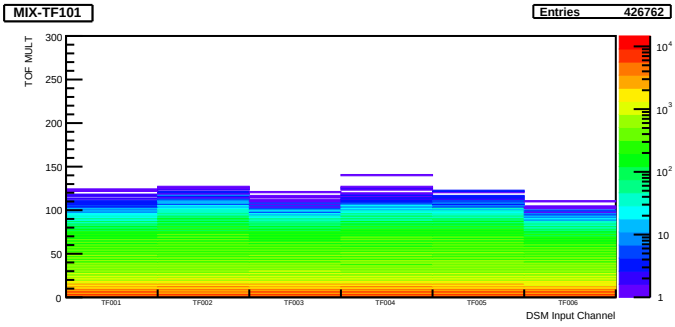

MIX-TF002
Entries 1493667
TOF MULT
TOF tray

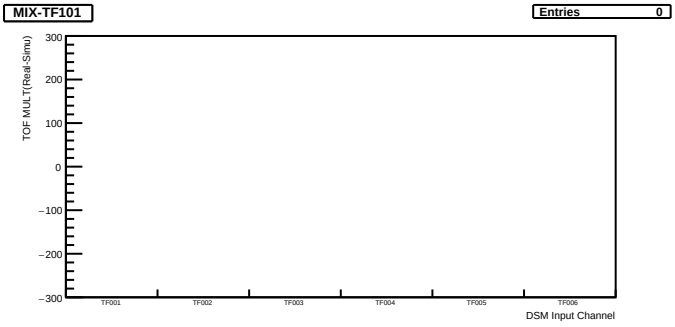

MIX-TF003
Entries 1493667
TOF MULT
TOF tray

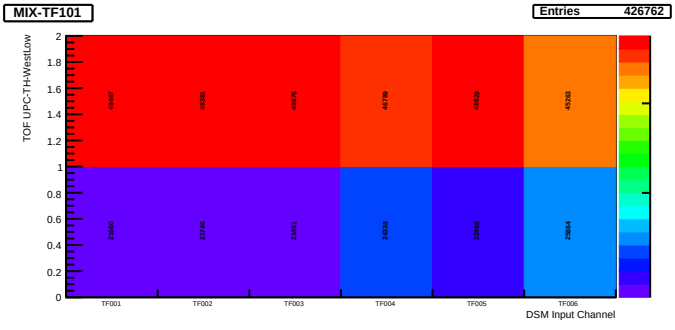

MIX-TF004
Entries 1493667
TOF MULT
TOF tray

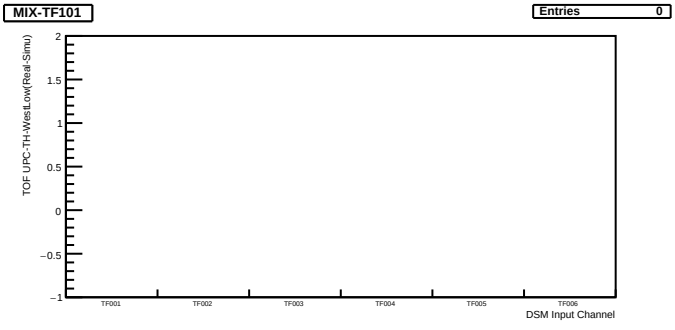

MIX-TF005
Entries 1493667
TOF MULT
TOF tray

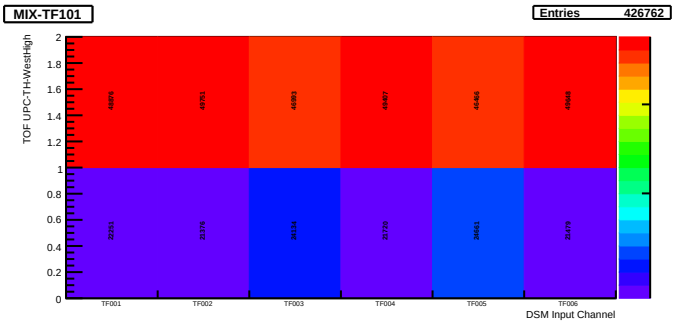

MIX-TF006
Entries 1493667
TOF MULT
TOF tray

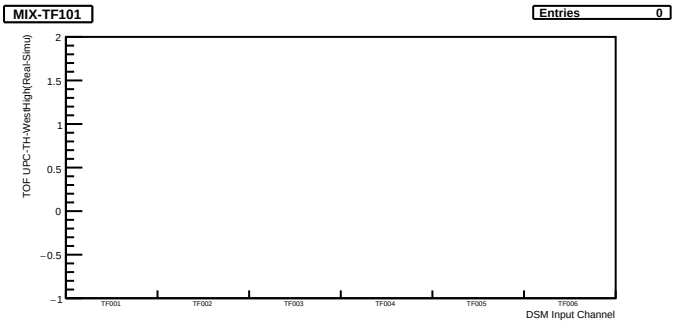

MIX-TF101
Entries 426762
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

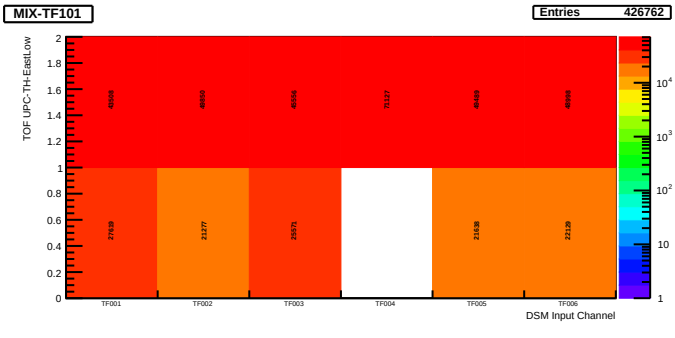

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

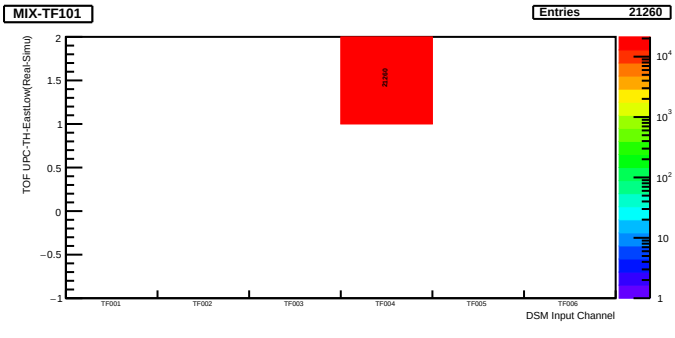

MIX-TF101
Entries 426762
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

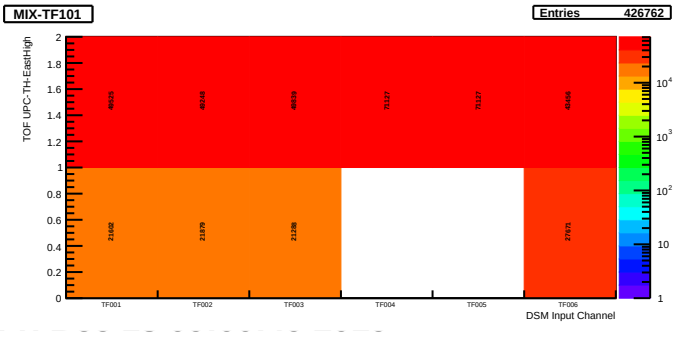

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

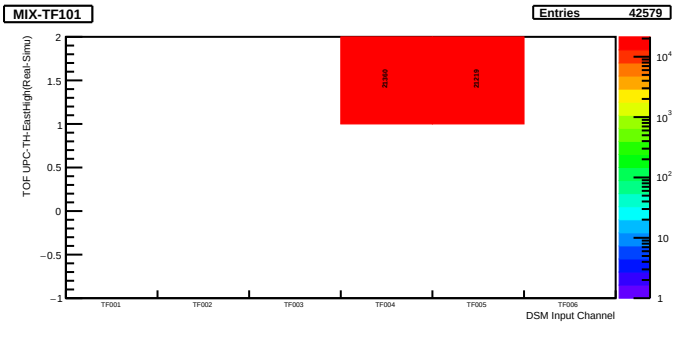

MIX-TF101
Entries 426762
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

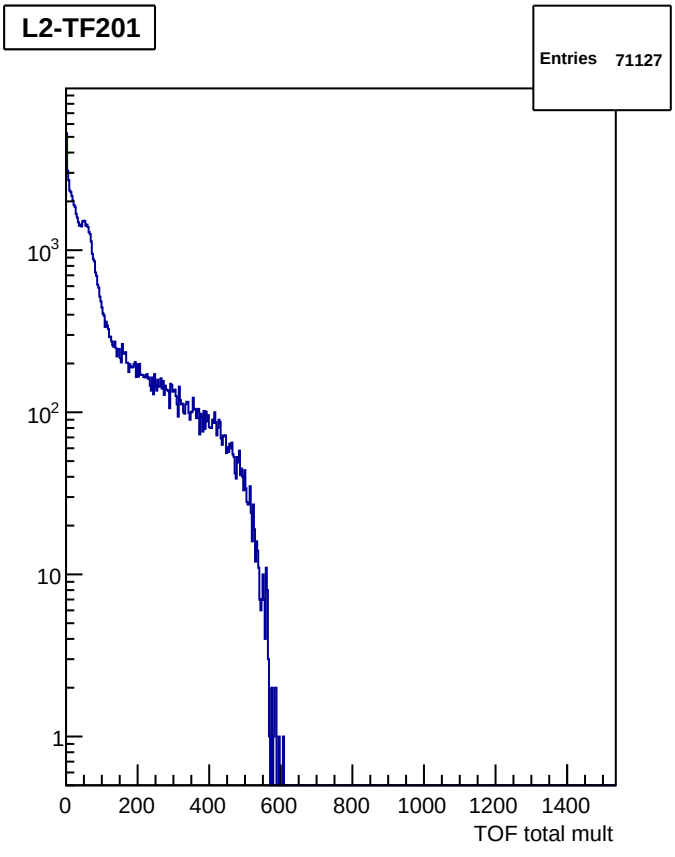

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

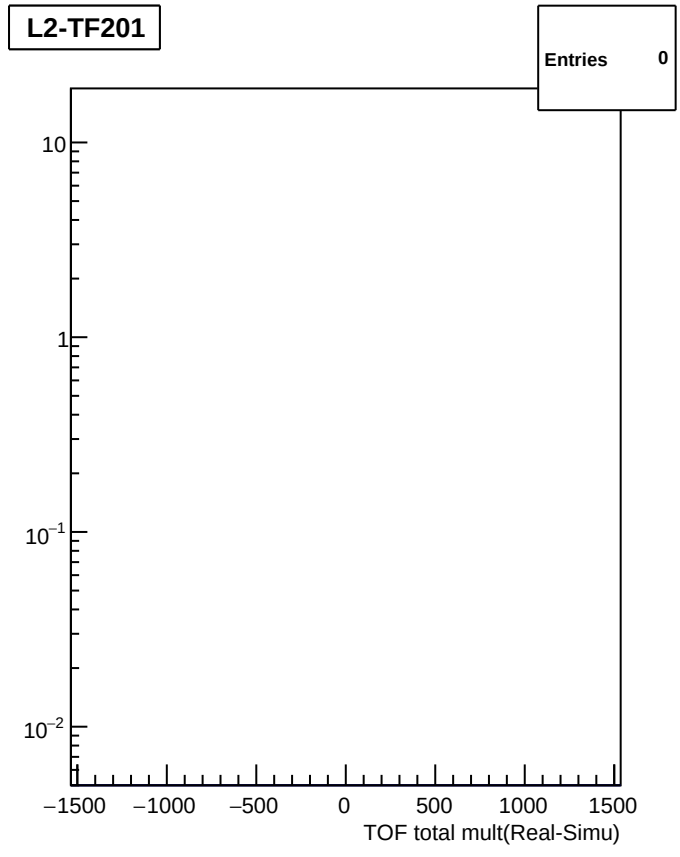

MIX-TF101
Entries 426762
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

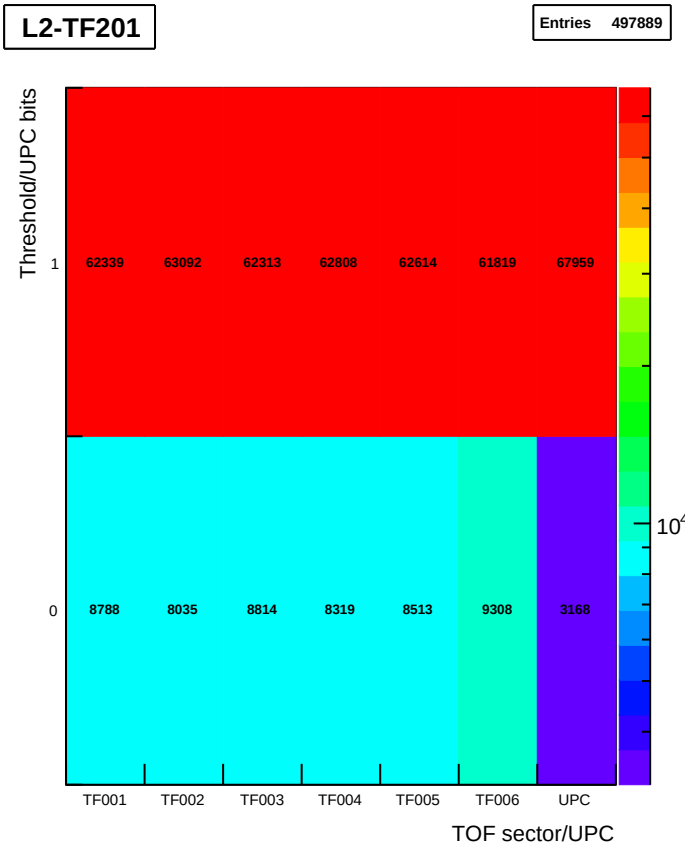

MIX-TF101
Entries 21260
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

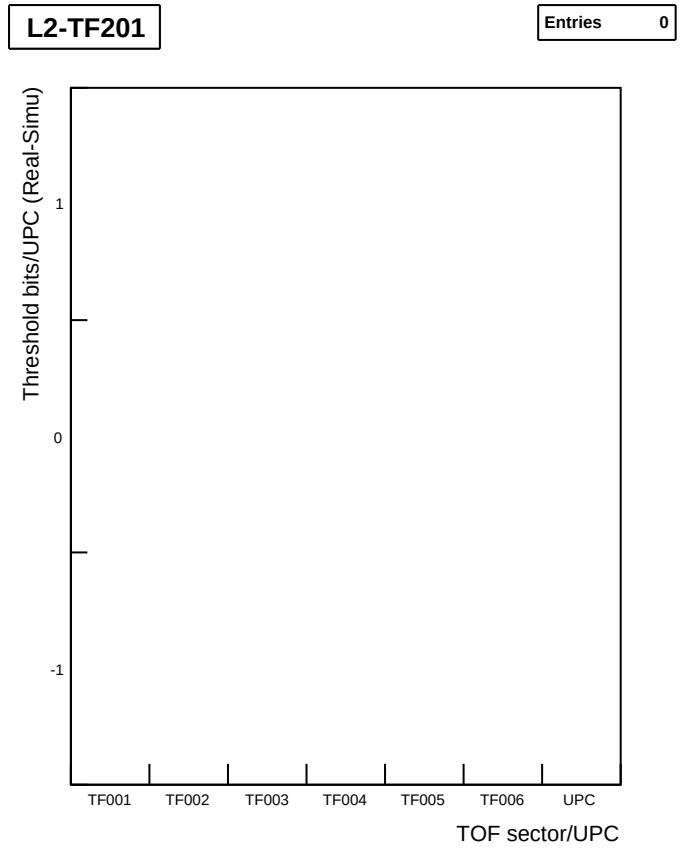

MIX-TF101
Entries 426762
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

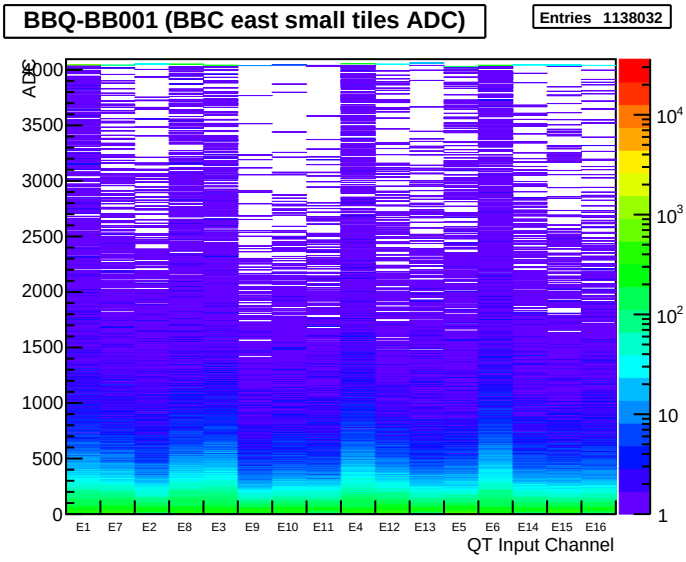

MIX-TF101
Entries 42579
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

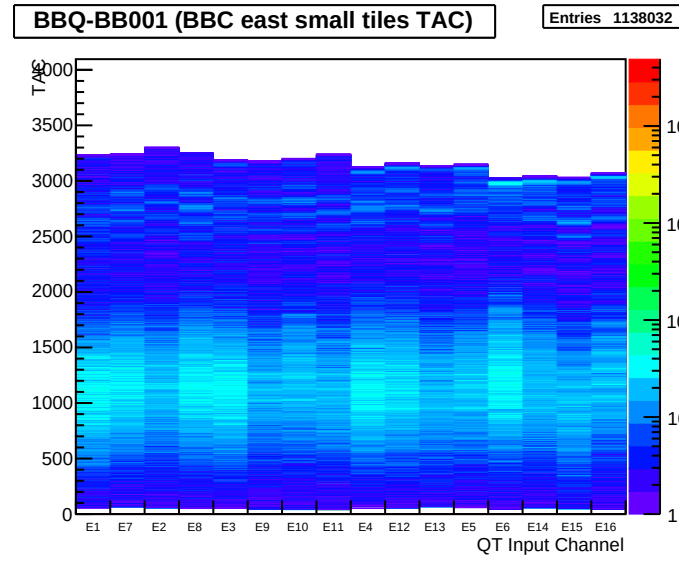

L2-TF201
Entries 71127
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

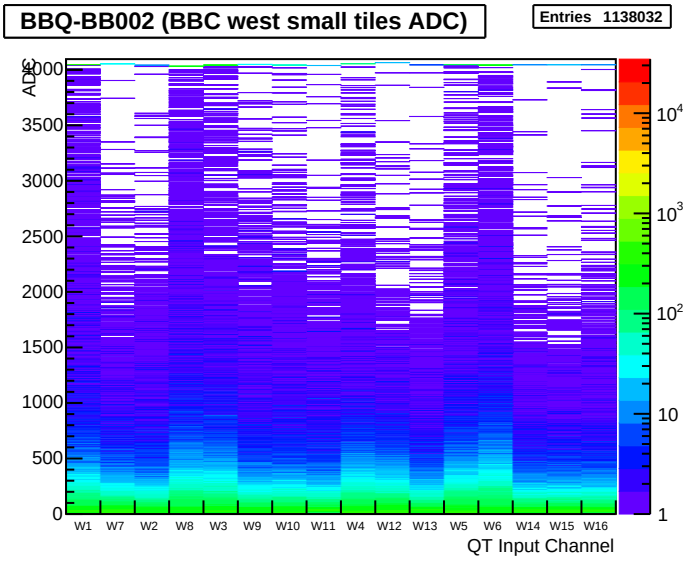

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

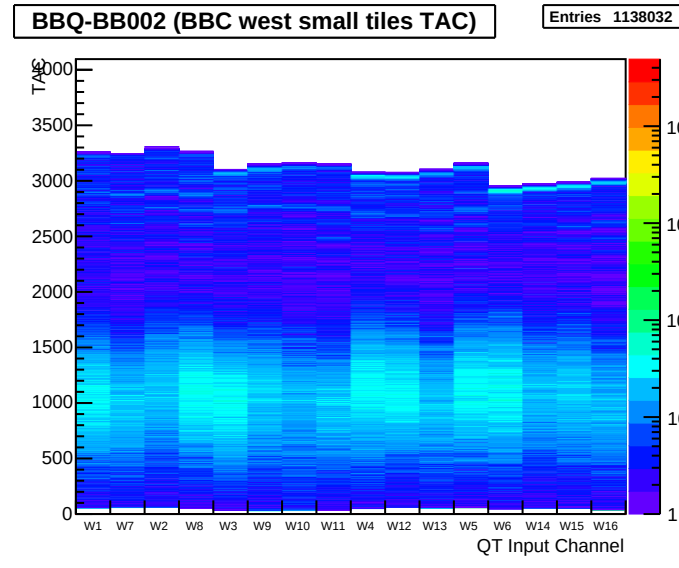

L2-TF201
Entries 497889
Threshold/UPC bits
1
0
62339
63092
62313
62808
62614
61819
67959
8788
8035
8814
8319
8513
9308
3168
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

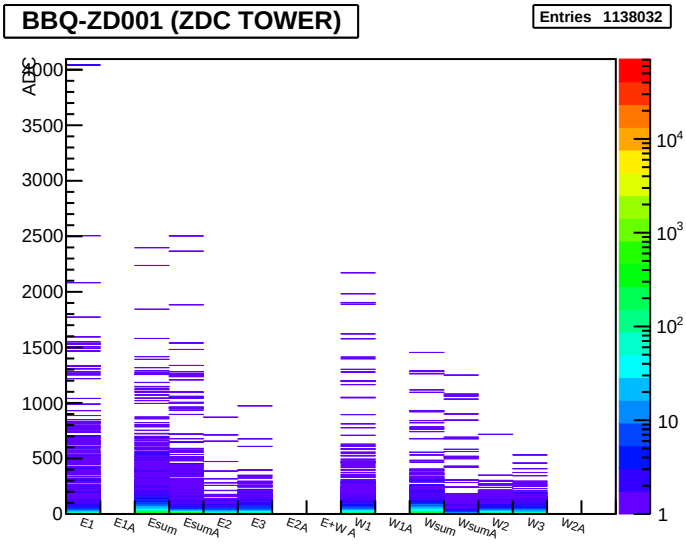

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

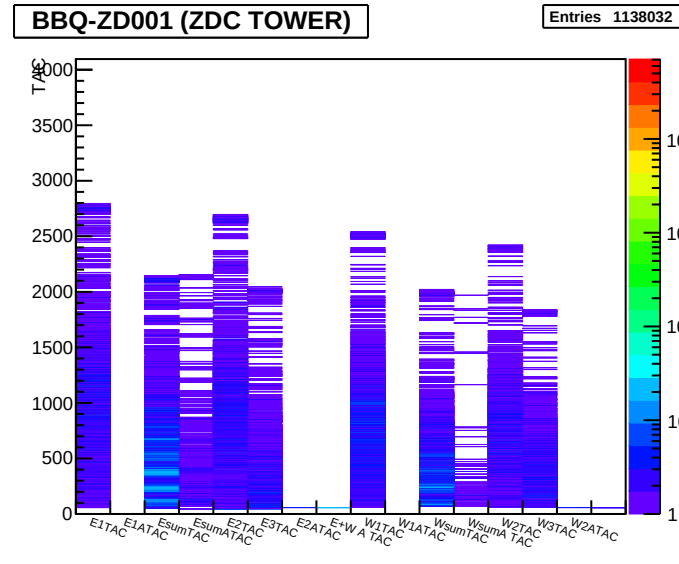

BBQ-BB001 (BBC east small tiles ADC)
Entries 1138032
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

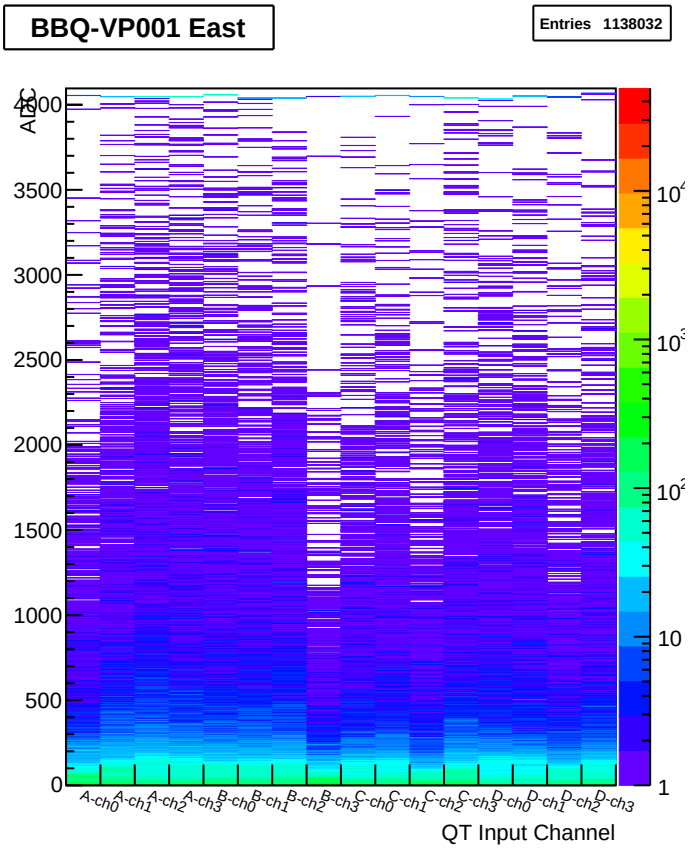

BBQ-BB001 (BBC east small tiles TAC)
Entries 1138032
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

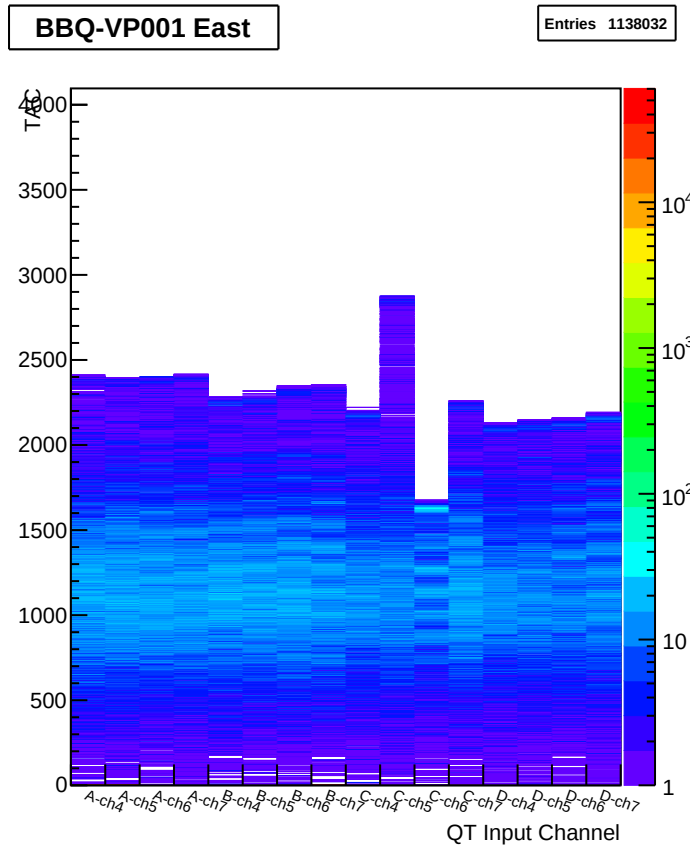

BBQ-BB002 (BBC west small tiles ADC)
Entries 1138032
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

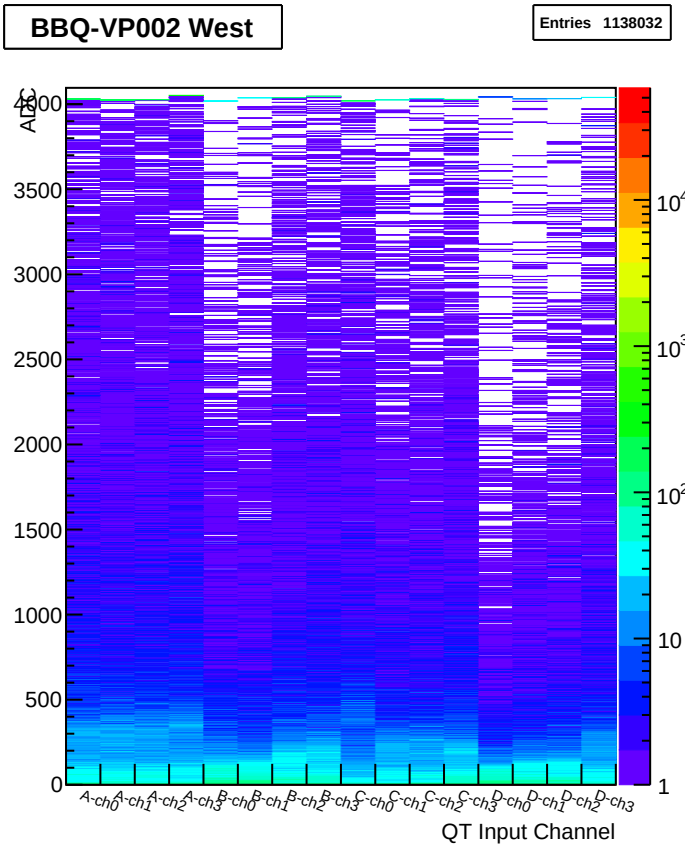

BBQ-BB002 (BBC west small tiles TAC)
Entries 1138032
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

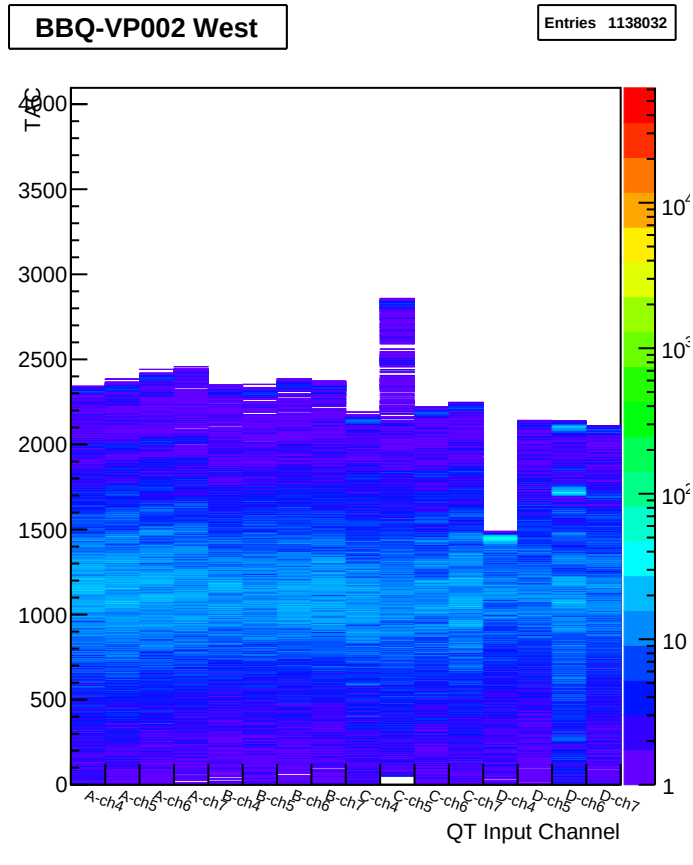

BBQ-ZD001 (ZDC TOWER)
Entries 1138032
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

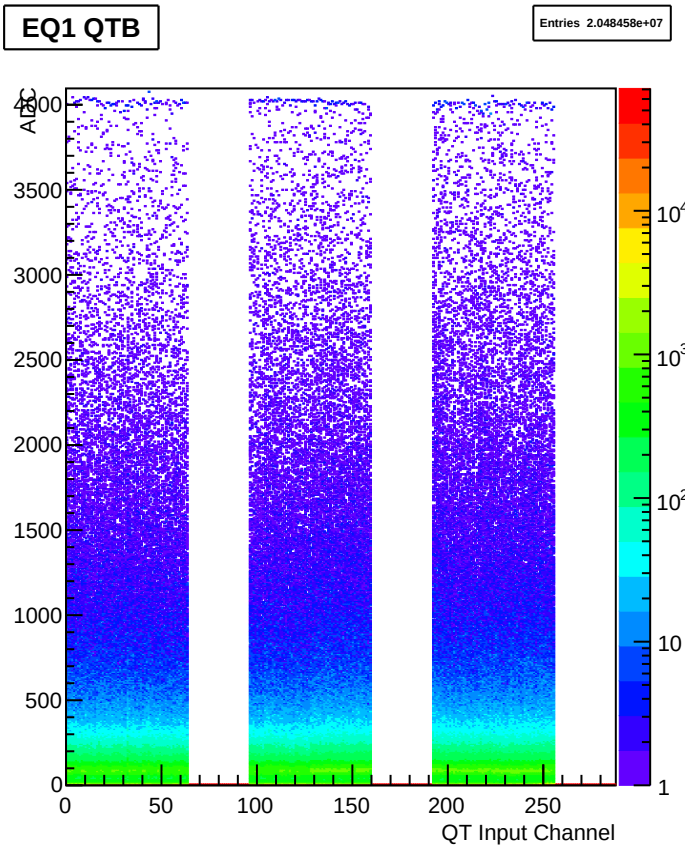

BBQ-ZD001 (ZDC TOWER)
Entries 1138032
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

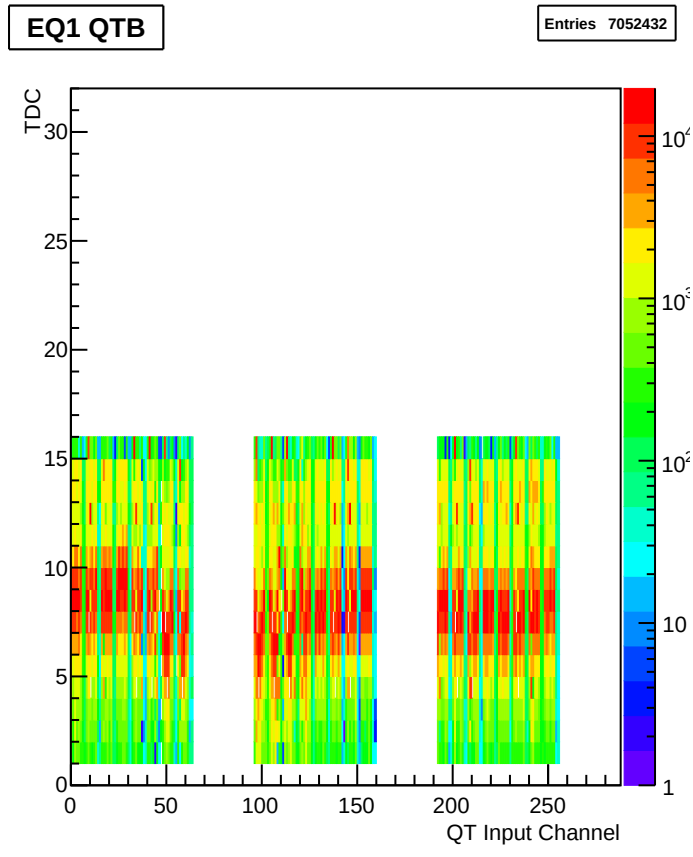

BBQ-VP001 East
Entries 1138032
ADC
QT Input Channel

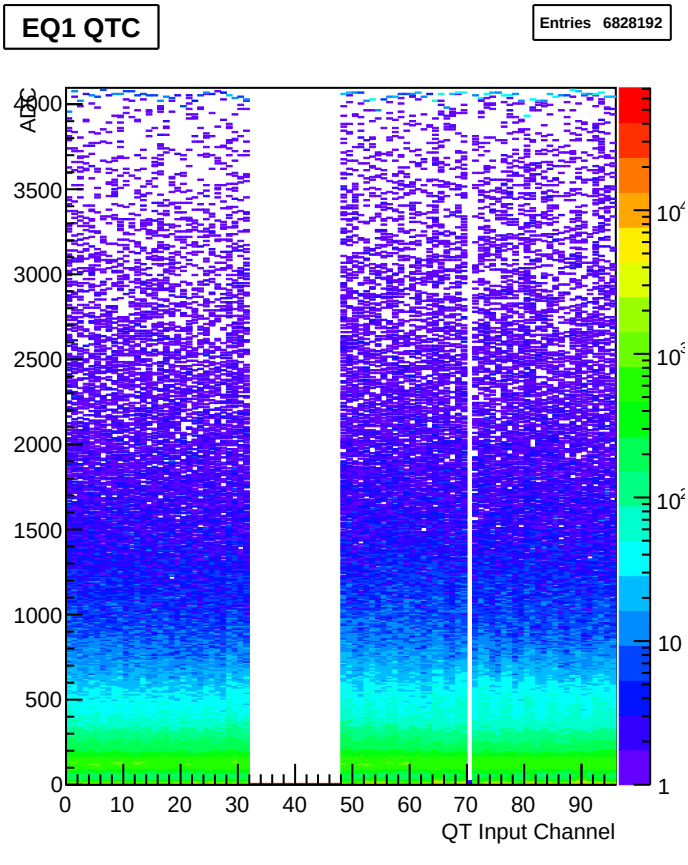

BBQ-VP001 East
Entries 1138032
TADC
QT Input Channel

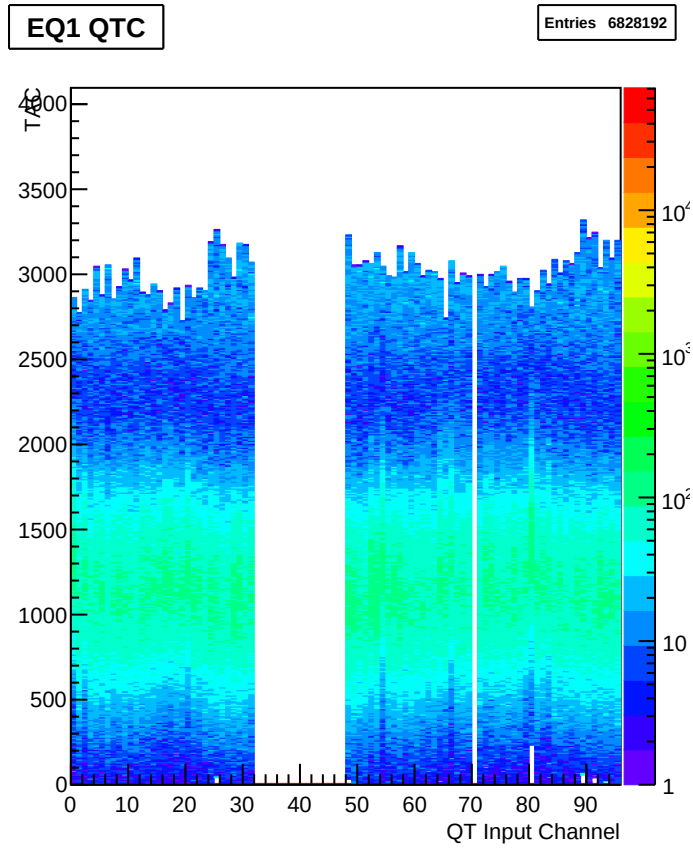

BBQ-VP002 West
Entries 1138032
ADC
QT Input Channel

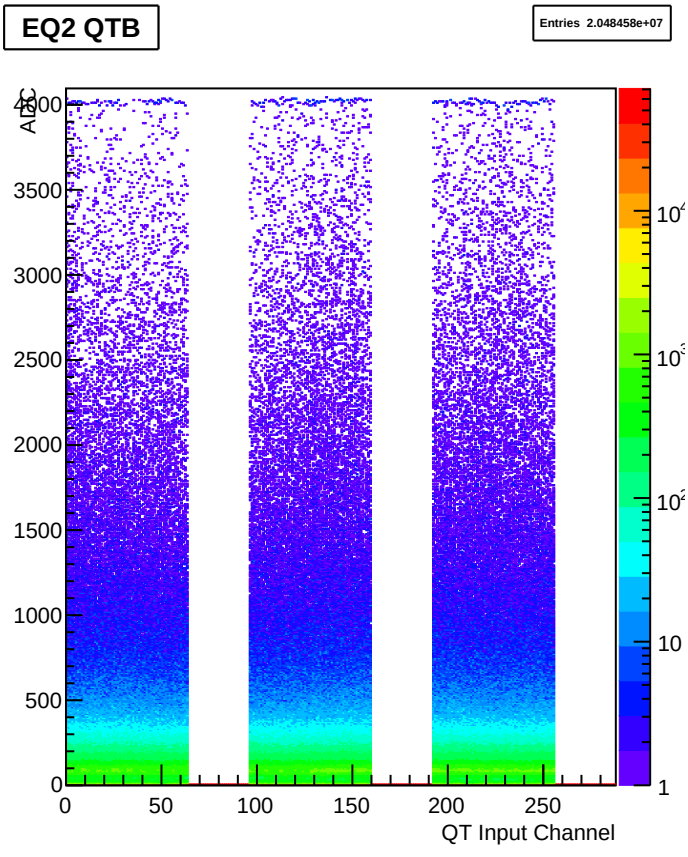

BBQ-VP002 West
Entries 1138032
TADC
QT Input Channel

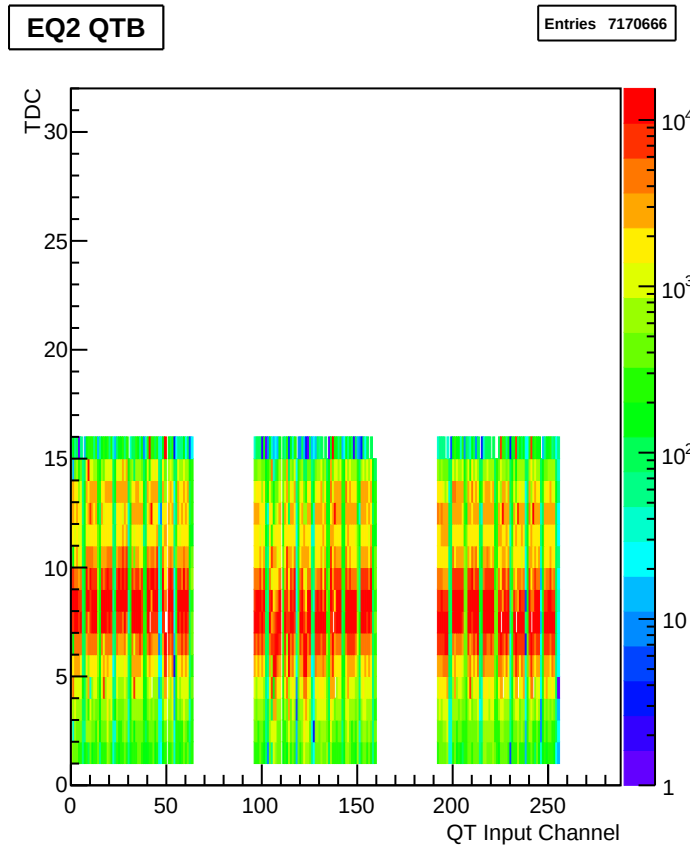

EQ1 QTB
Entries 2.048458e+07
ADC
QT Input Channel

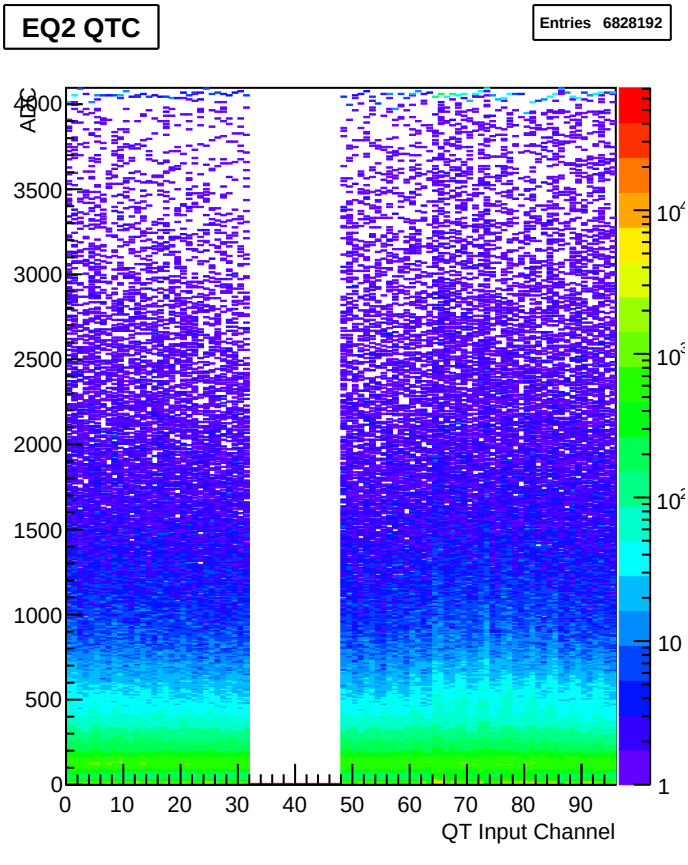

EQ1 QTB
Entries 7052432
TDC
QT Input Channel

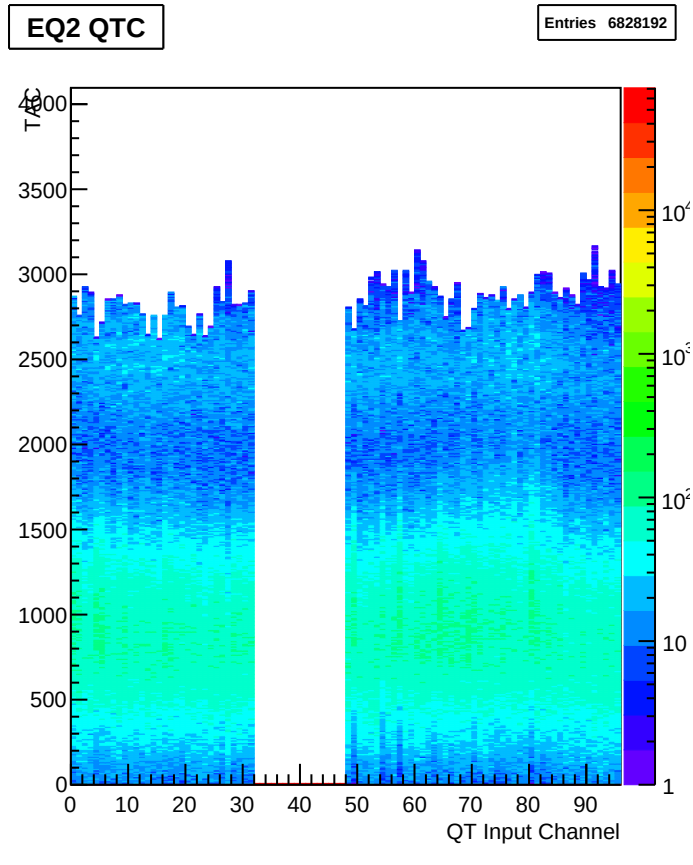

EQ1 QTC
Entries 6828192
ADC
QT Input Channel

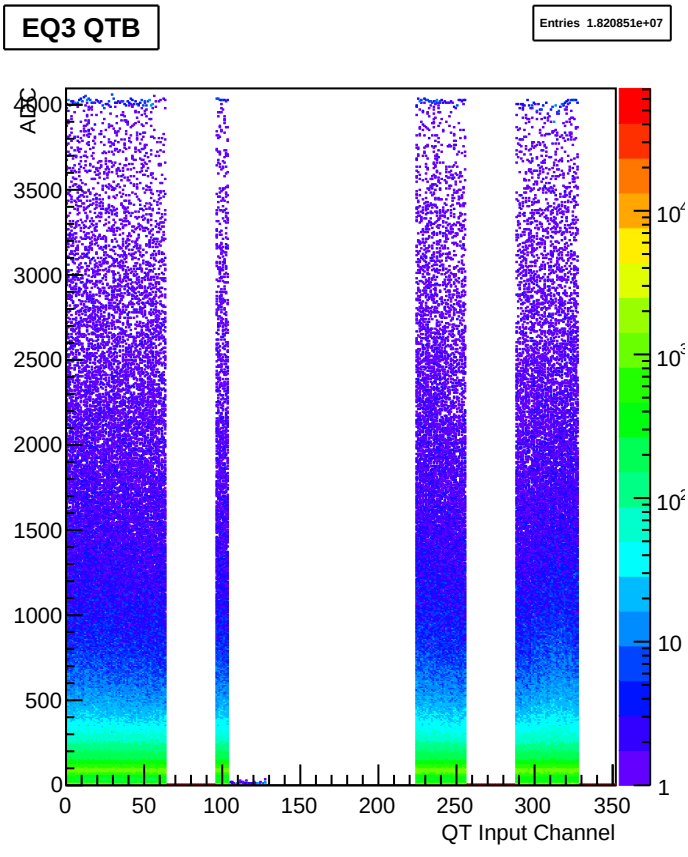

EQ1 QTC
Entries 6828192
TADC
QT Input Channel

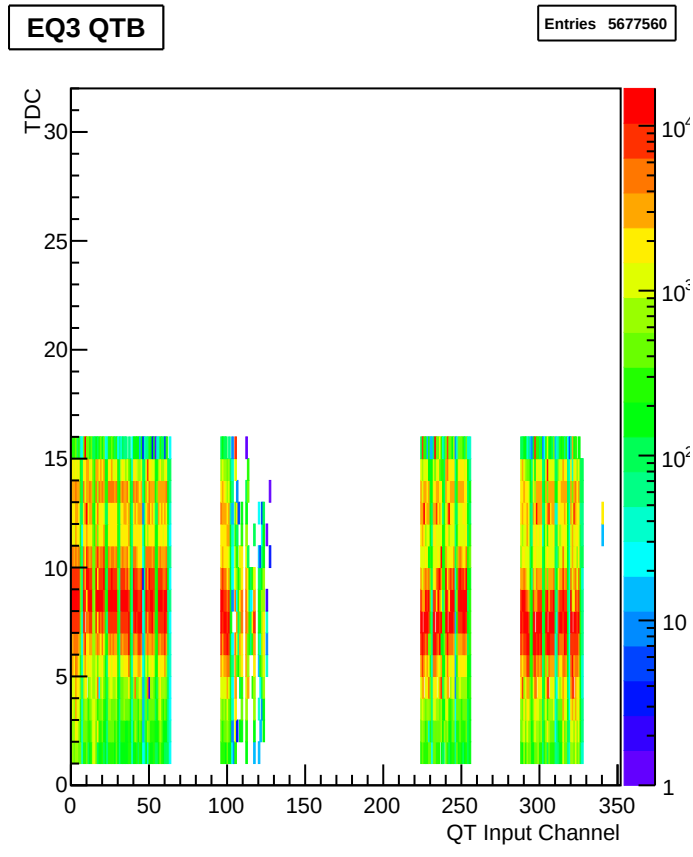

EQ2 QTB
Entries 2.048458e+07
ADC
QT Input Channel

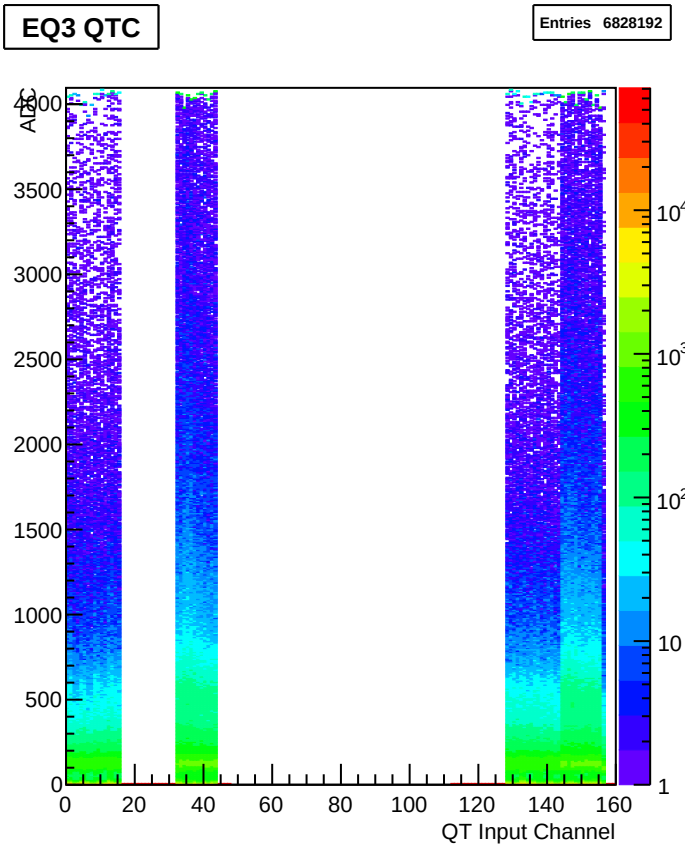

EQ2 QTB
Entries 7170666
TDC
QT Input Channel

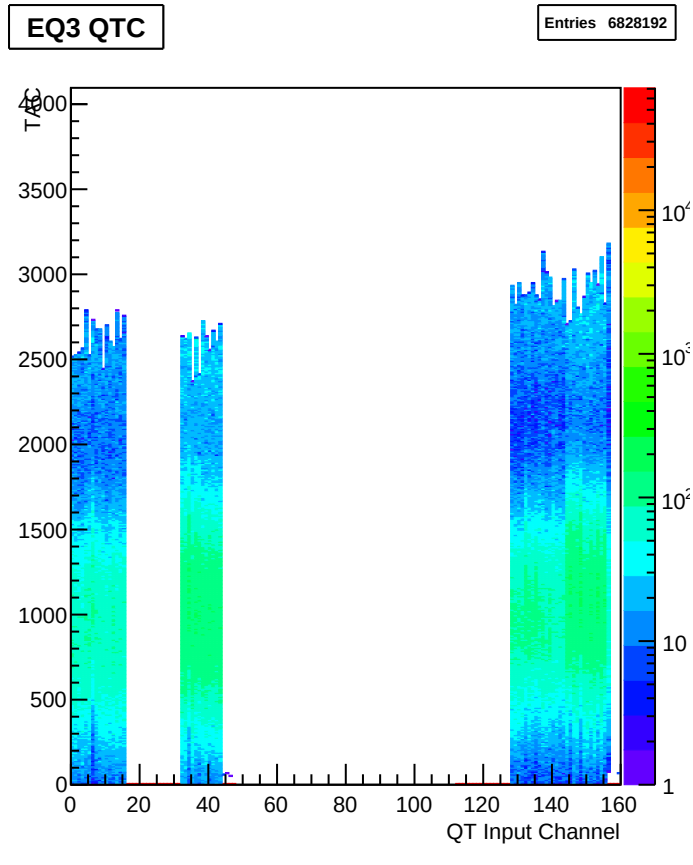

EQ2 QTC
Entries 6828192
ADC
QT Input Channel

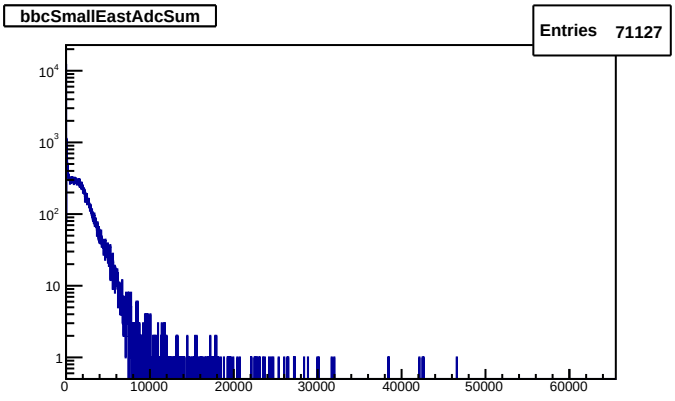

EQ2 QTC
Entries 6828192
TADC
QT Input Channel

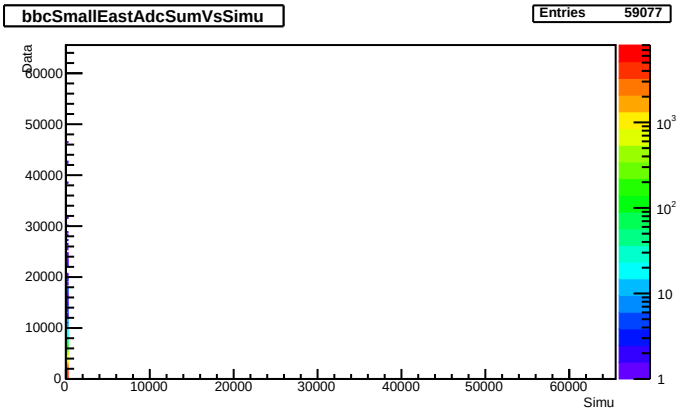

EQ3 QTB
Entries 1.820851e+07
ADC
QT Input Channel

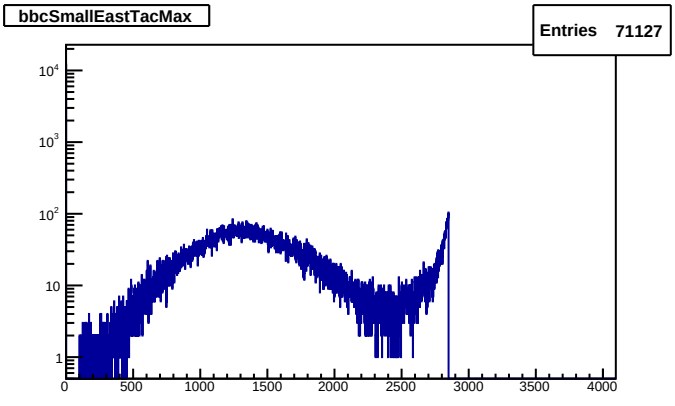

EQ3 QTB
Entries 5677560
TDC
QT Input Channel

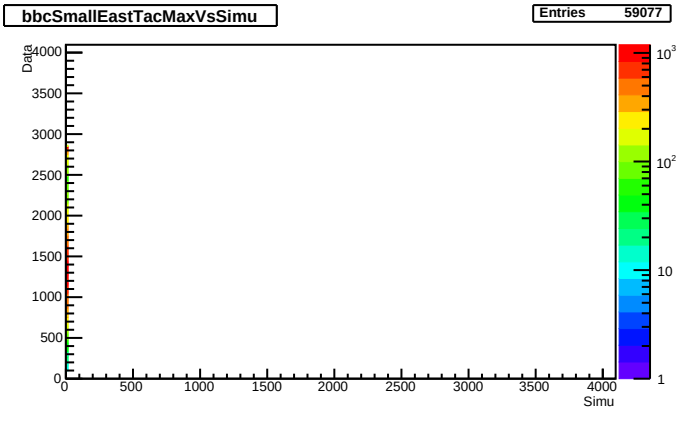

EQ3 QTC
Entries 6828192
ADC
QT Input Channel

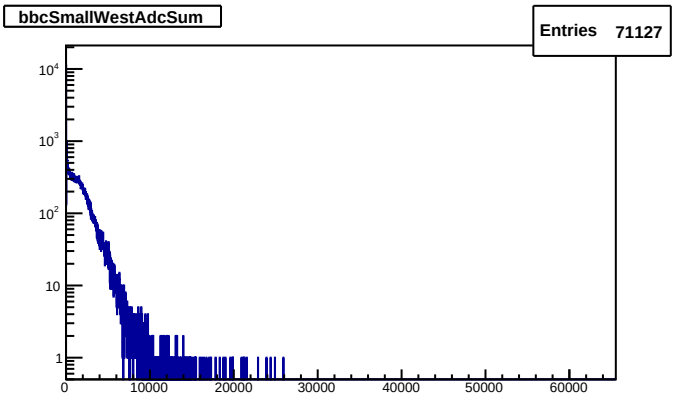

EQ3 QTC
Entries 6828192
TADC
QT Input Channel

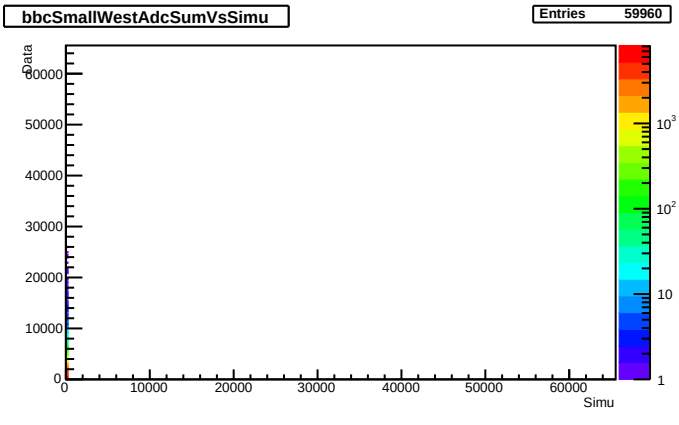

bbcSmallEastAdcSum
Entries 71127

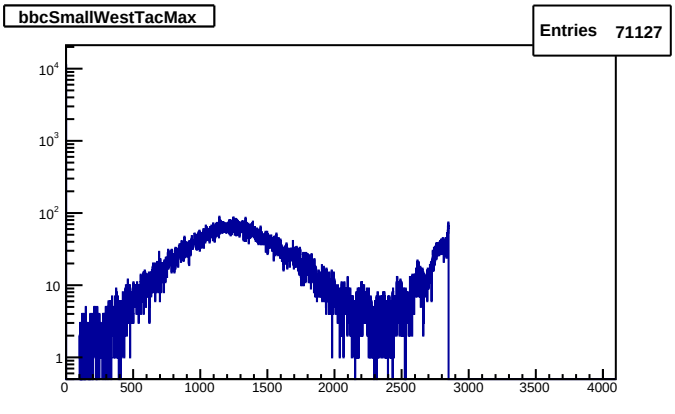

bbcSmallEastAdcSumVsSimu
Entries 59077
Data
Simu

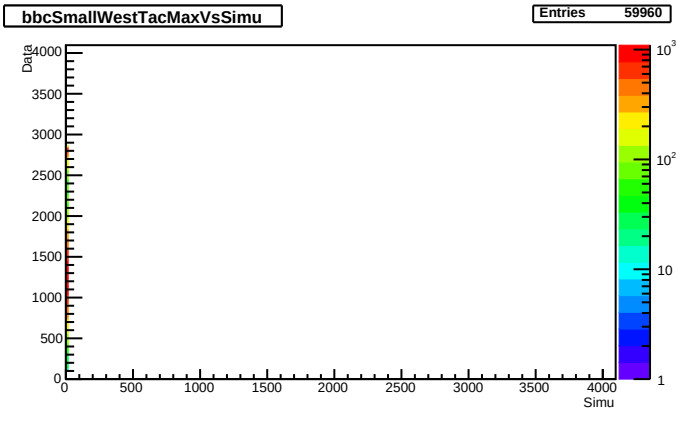

bbcSmallEastTacMax
Entries 71127

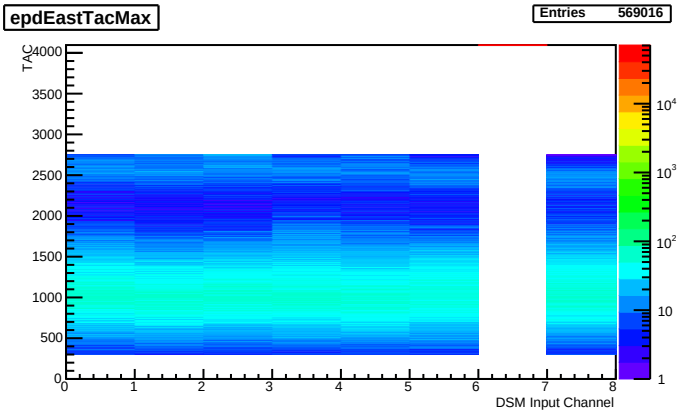

bbcSmallEastTacMaxVsSimu
Entries 59077
Data
Simu

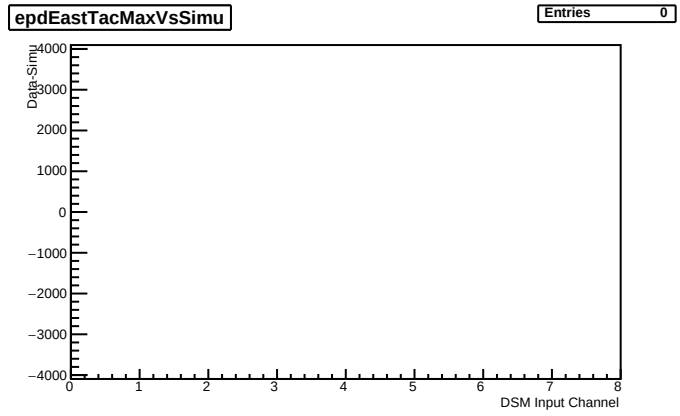

bbcSmallWestAdcSum
Entries 71127

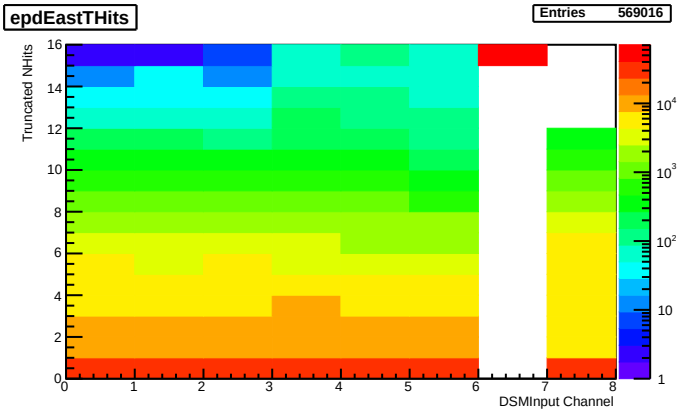

bbcSmallWestAdcSumVsSimu
Entries 59960
Data
Simu

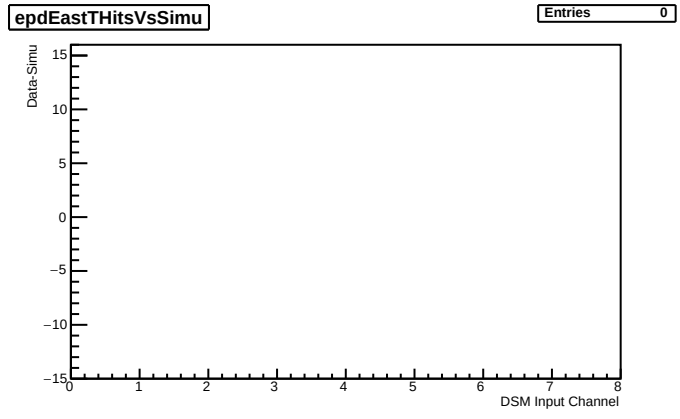

bbcSmallWestTacMax
Entries 71127

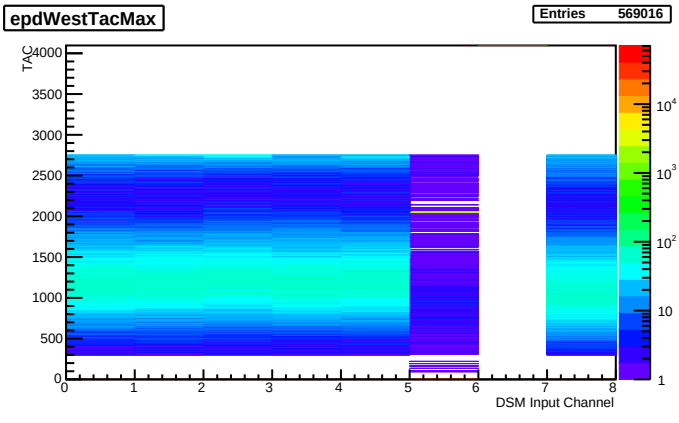

bbcSmallWestTacMaxVsSimu
Entries 59960
Data
Simu

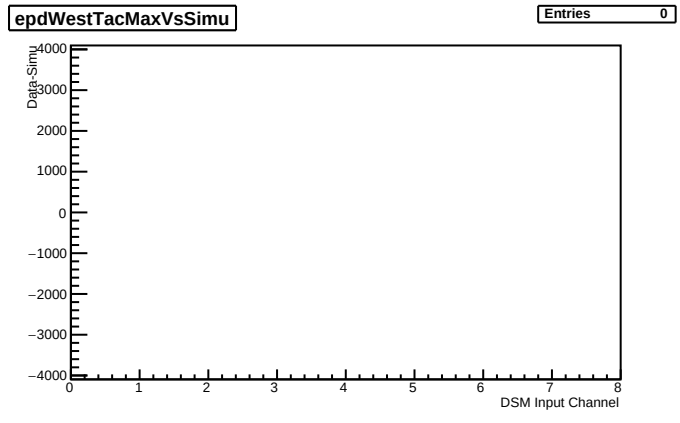

epdEastTacMax
Entries 569016
TAC
DSM Input Channel

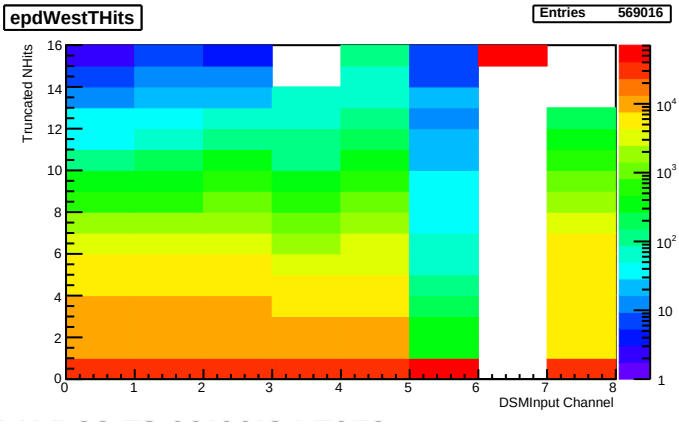

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

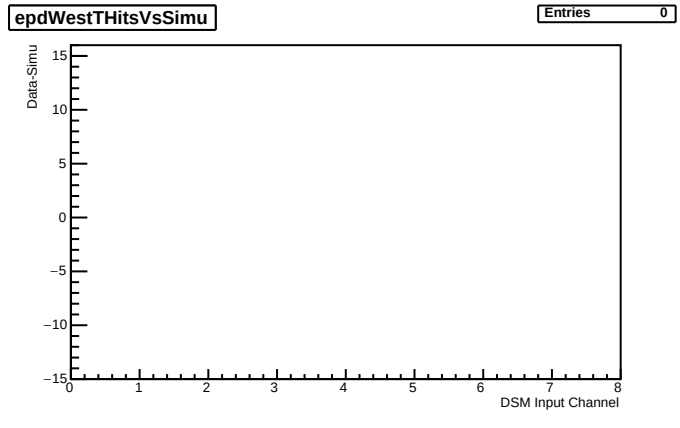

epdEastTHits
Entries 569016
Truncated NHits
DSMInput Channel

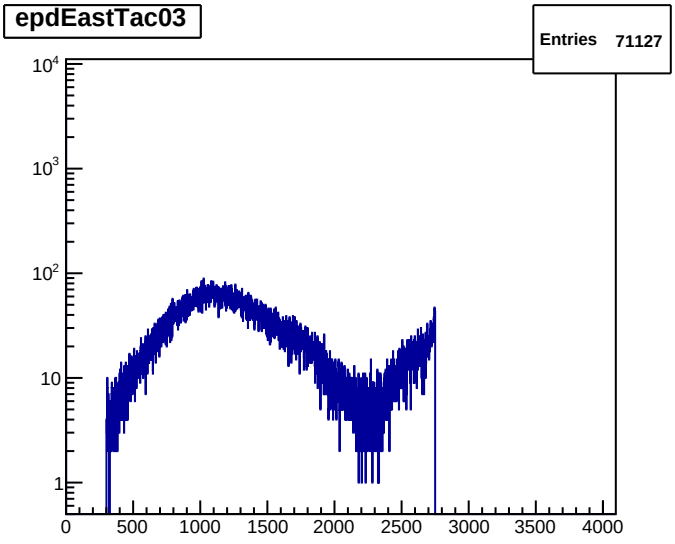

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

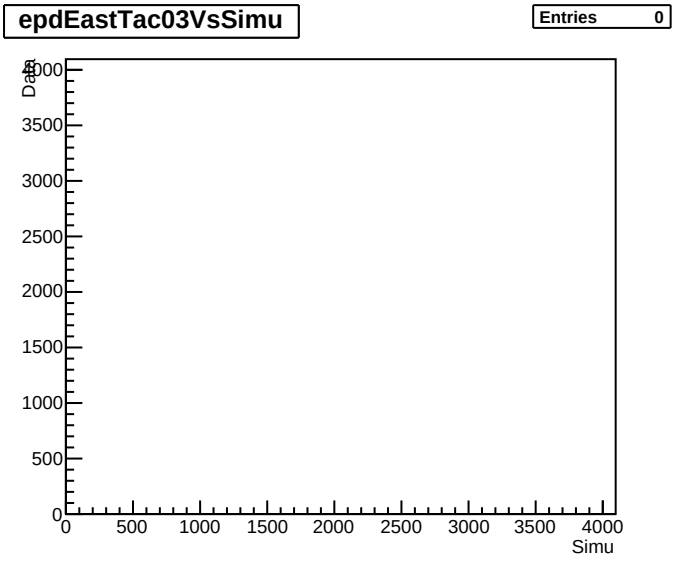

epdWestTacMax
Entries 569016
TAC
DSM Input Channel

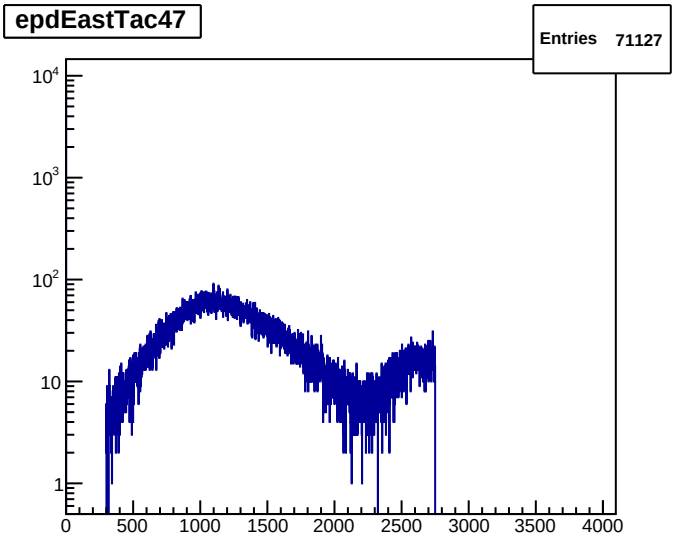

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

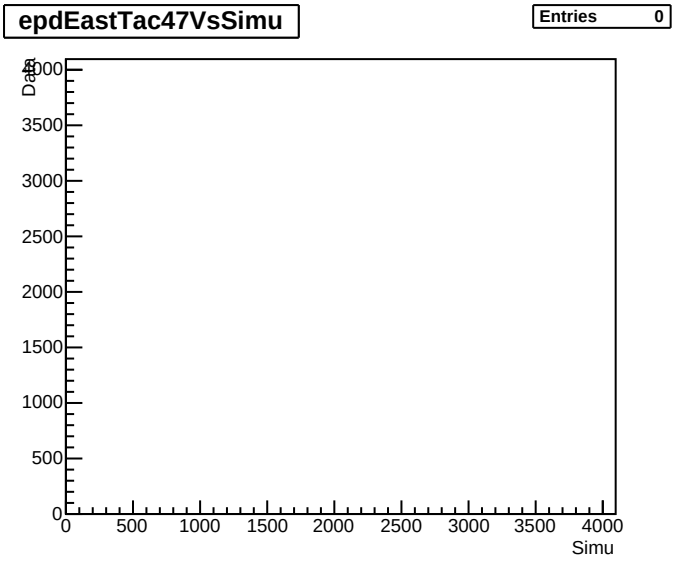

epdWestTHits
Entries 569016
Truncated NHits
DSMInput Channel

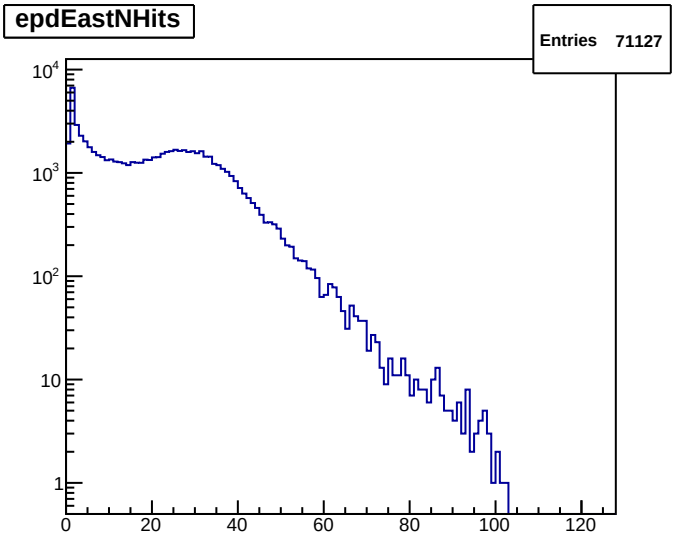

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

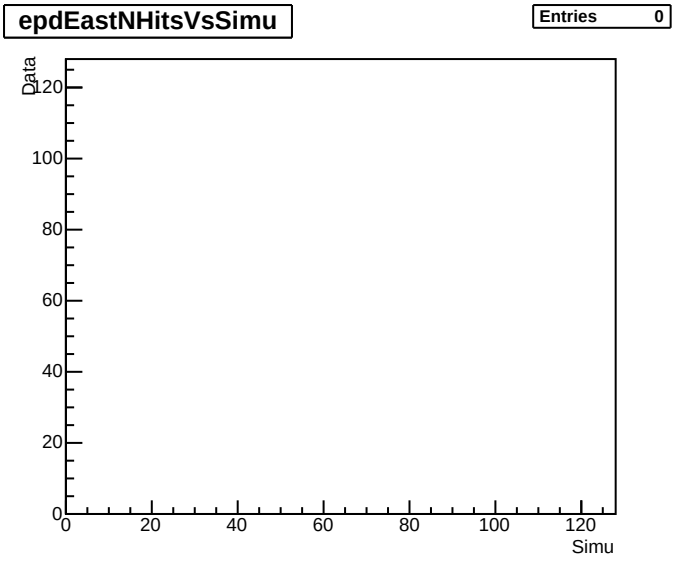

epdEastTac03
Entries 71127

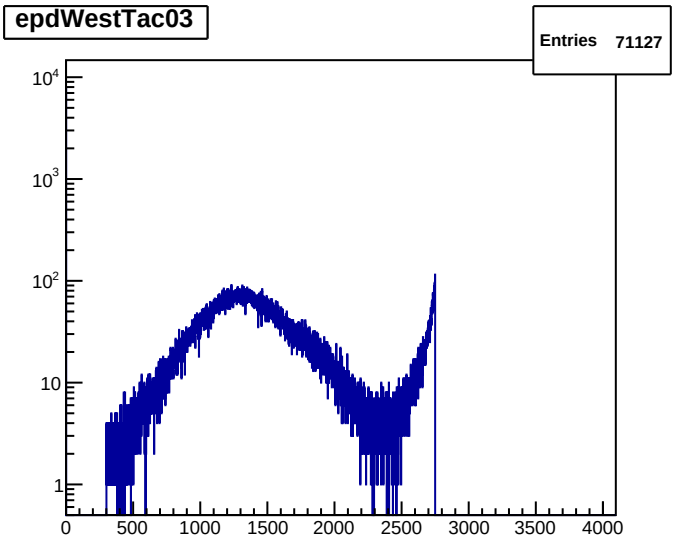

epdEastTac03VsSimu
Entries 0
Data
Simu

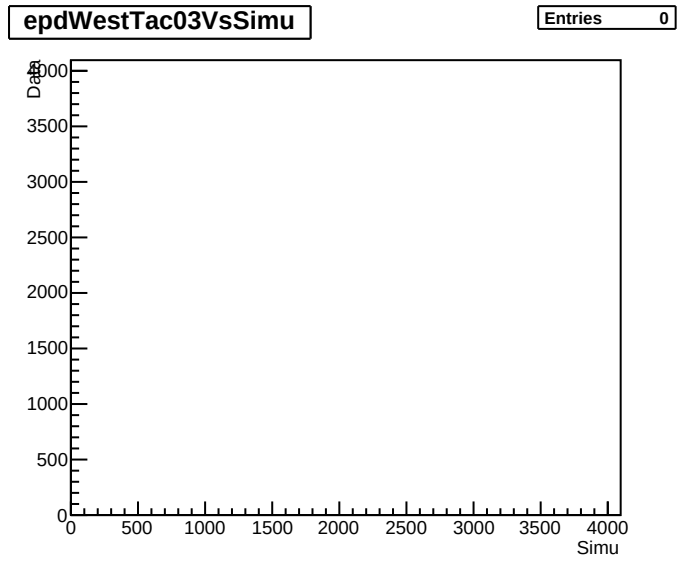

epdEastTac47
Entries 71127

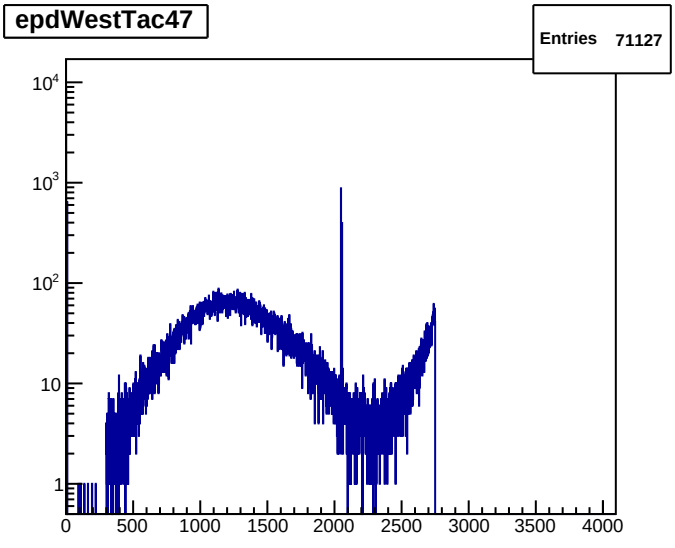

epdEastTac47VsSimu
Entries 0
Data
Simu

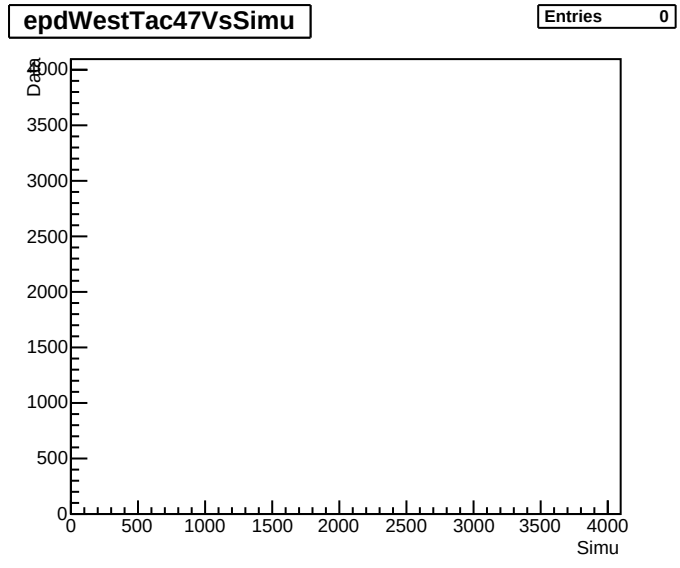

epdEastNHits
Entries 71127

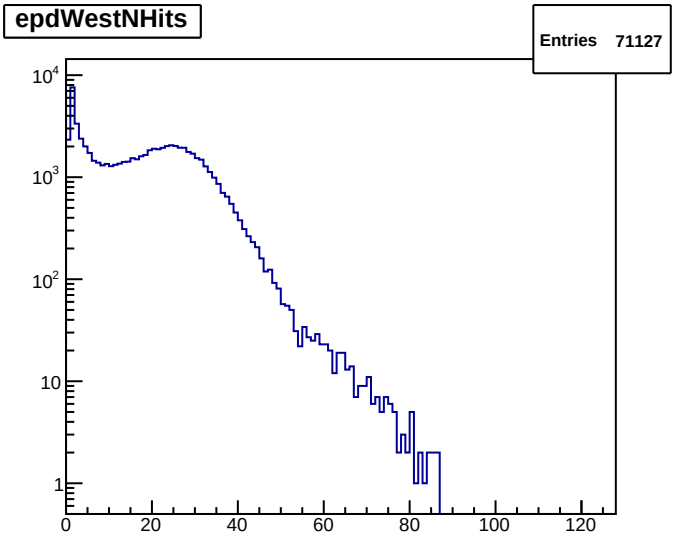

epdEastNHitsVsSimu
Entries 0
Data
Simu

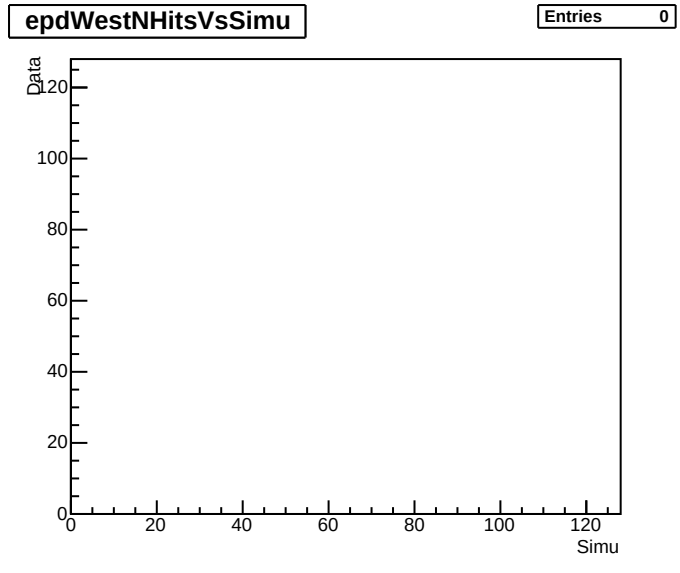

epdWestTac03
Entries 71127

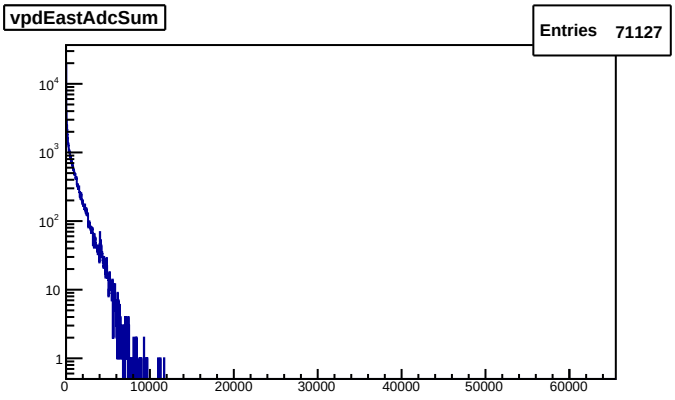

epdWestTac03VsSimu
Entries 0
Data
Simu

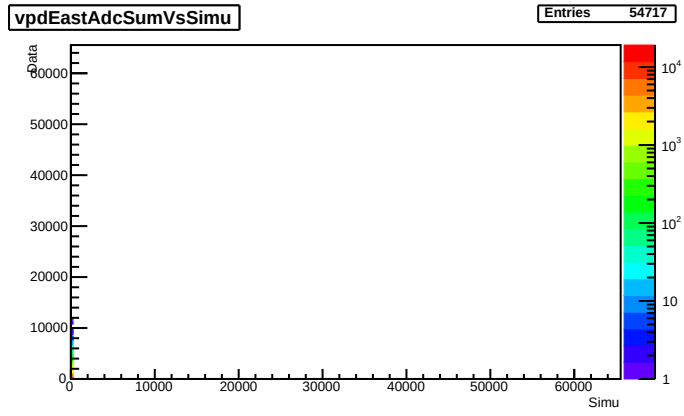

epdWestTac47
Entries 71127

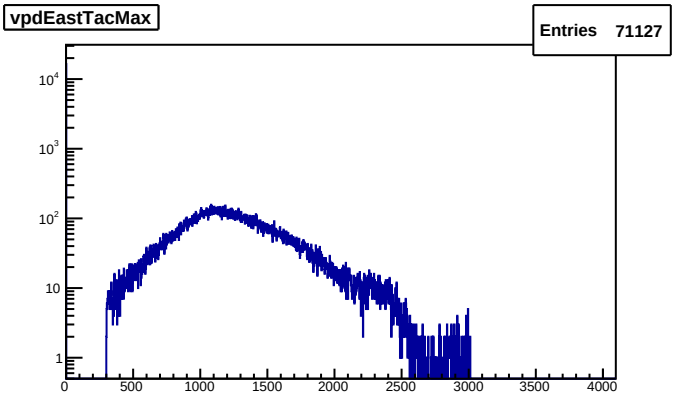

epdWestTac47VsSimu
Entries 0
Data
Simu

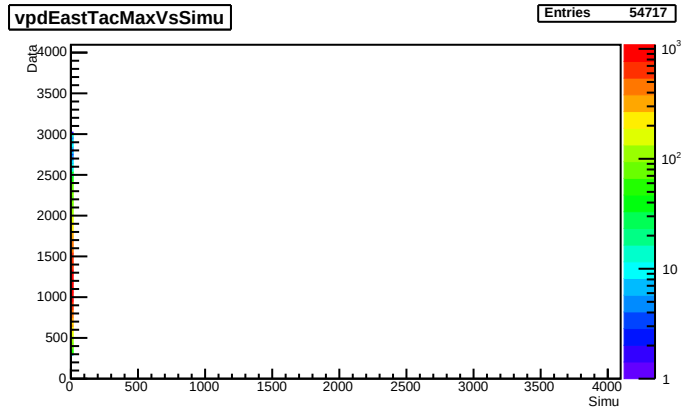

epdWestNHits
Entries 71127

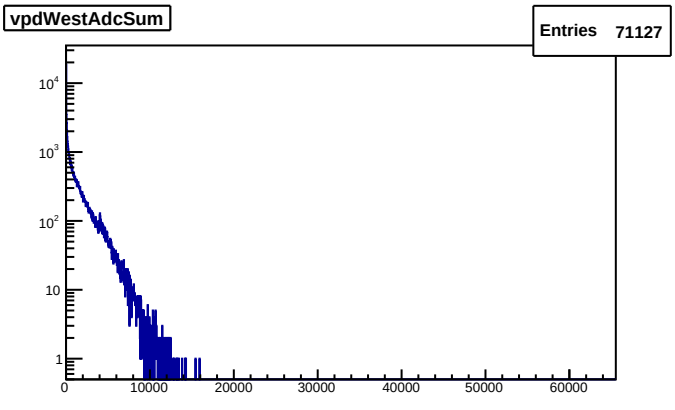

epdWestNHitsVsSimu
Entries 0
Data
Simu

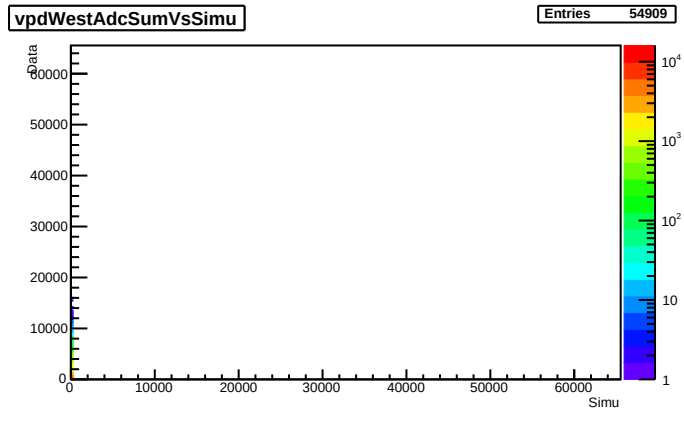

vpdEastAdcSum
Entries 71127

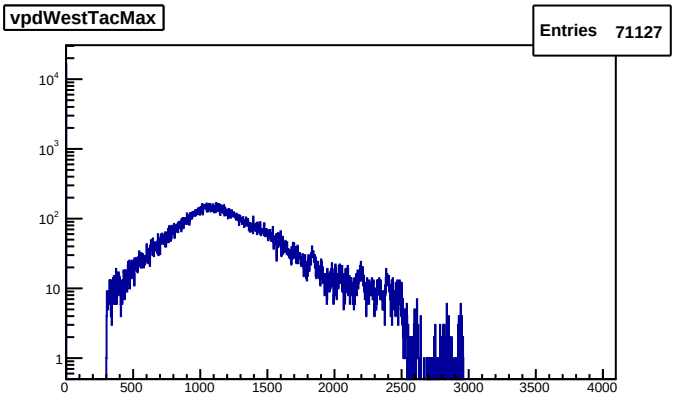

vpdEastAdcSumVsSimu
Entries 54717
Data
Simu

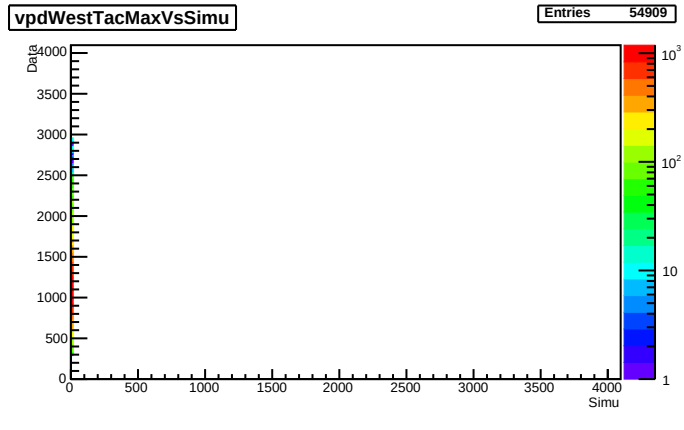

vpdEastTacMax
Entries 71127

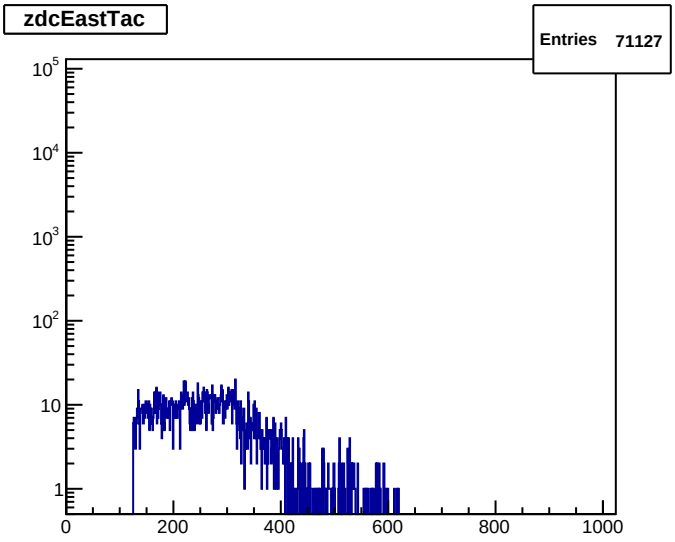

vpdEastTacMaxVsSimu
Entries 54717
Data
Simu

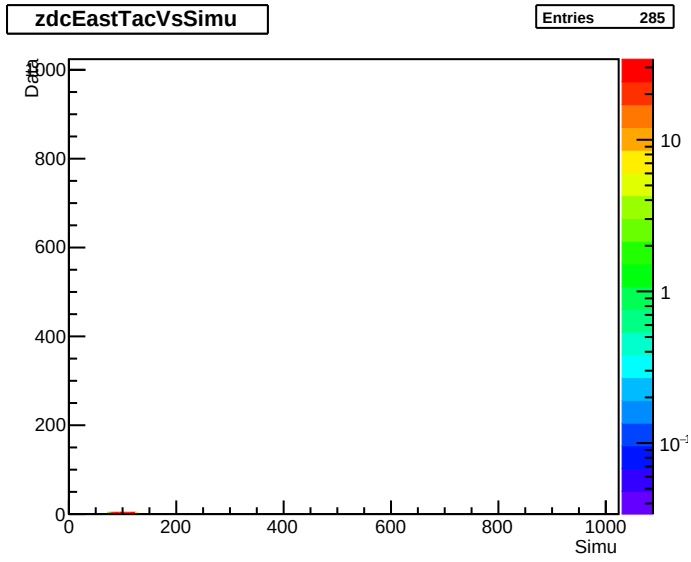

vpdWestAdcSum
Entries 71127

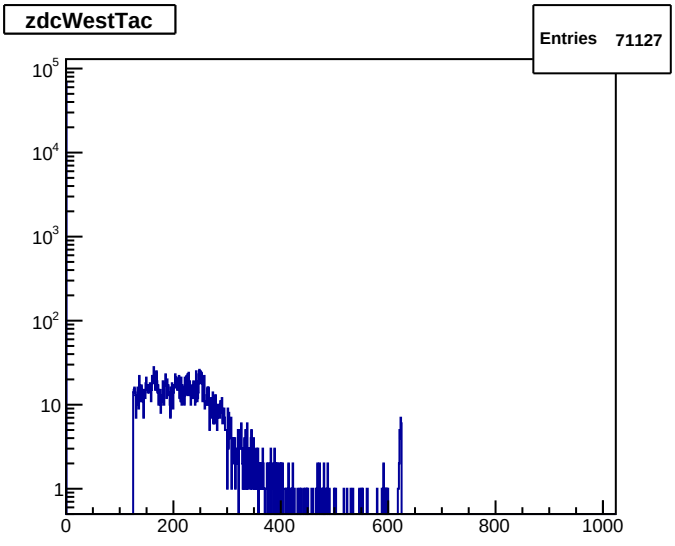

vpdWestAdcSumVsSimu
Entries 54909
Data
Simu

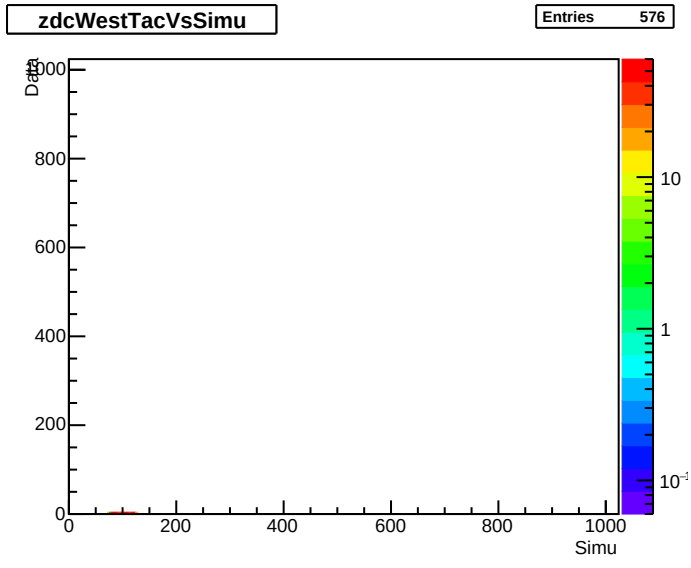

vpdWestTacMax
Entries 71127

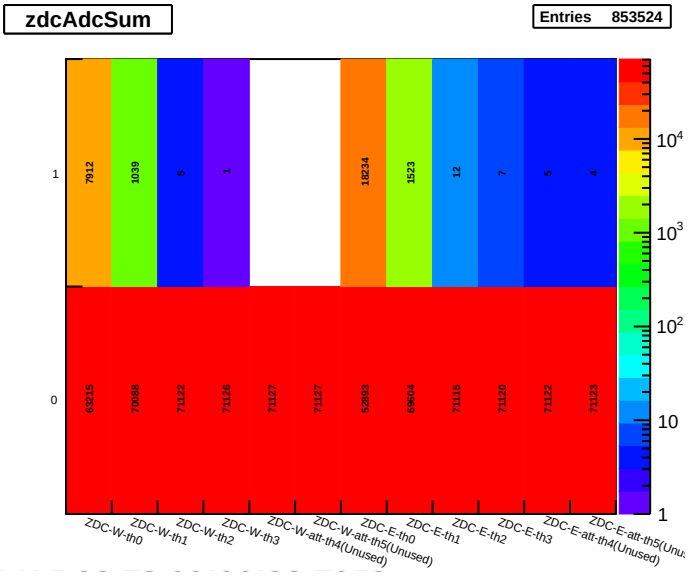

vpdWestTacMaxVsSimu
Entries 54909
Data
Simu

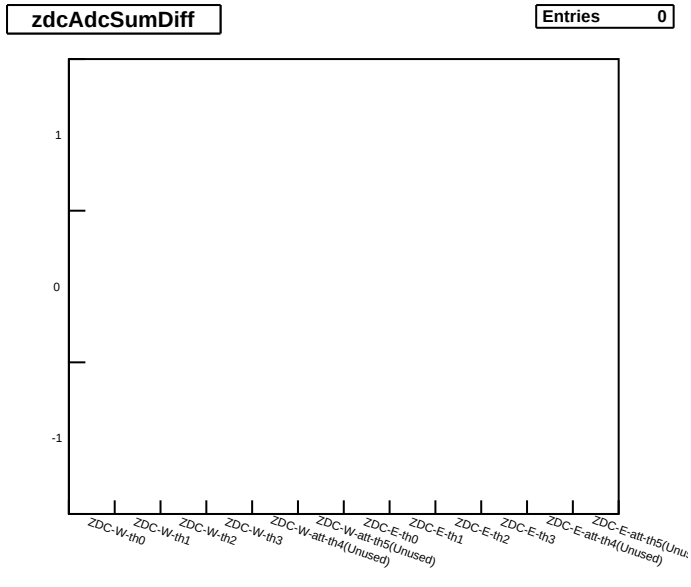

zdcEastTac
Entries 71127

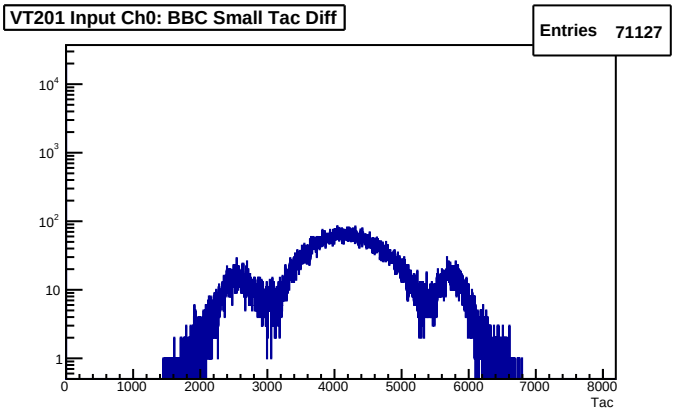

zdcEastTacVsSimu
Entries 285
Data
Simu

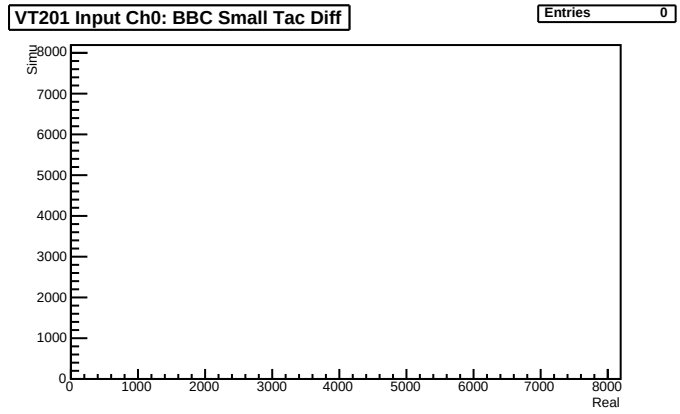

zdcWestTac
Entries 71127

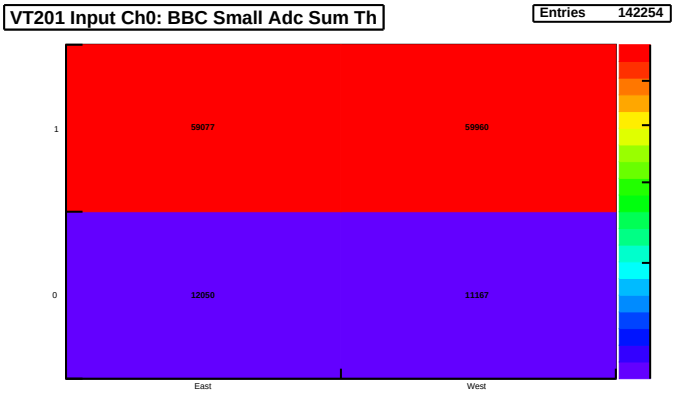

zdcWestTacVsSimu
Entries 576
Data
Simu

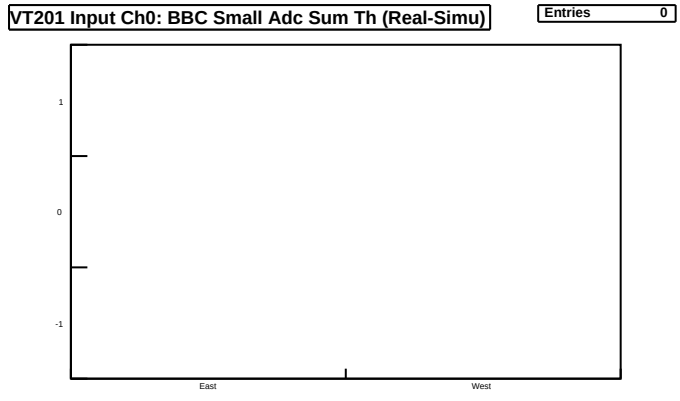

zdcAdcSum
Entries 853524
7912
1039
5
1
18234
1523
12
7
5
4
63215
70088
71122
71126
71127
71127
52893
69604
71115
71120
71122
71123
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

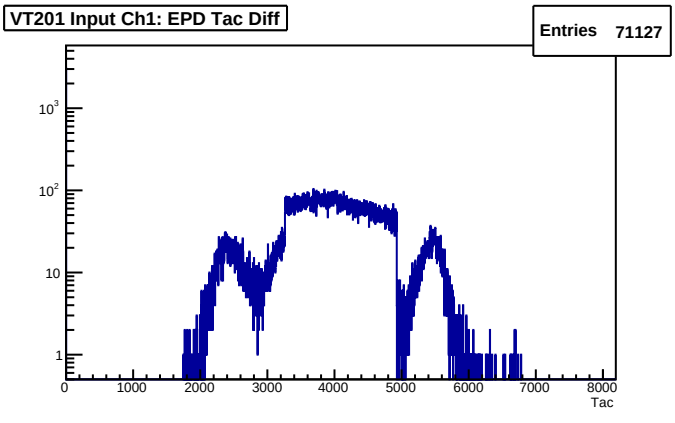

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

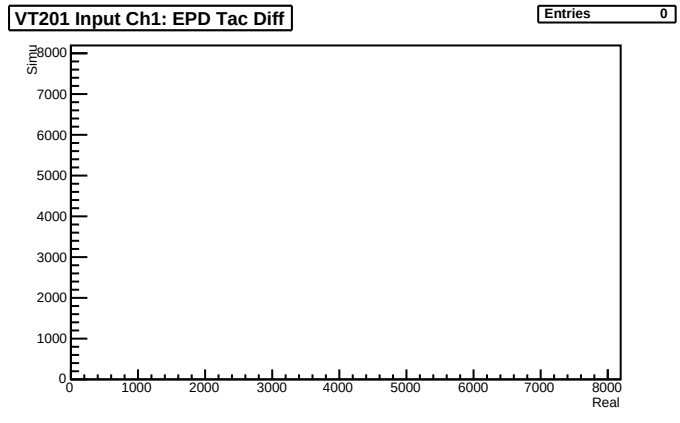

VT201 Input Ch0: BBC Small Tac Diff
Entries 71127
Tac

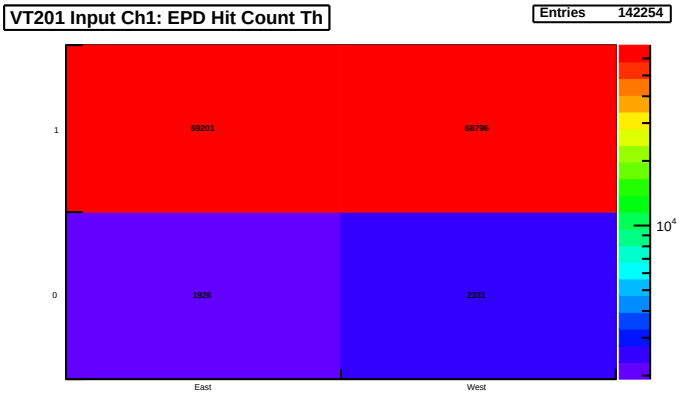

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

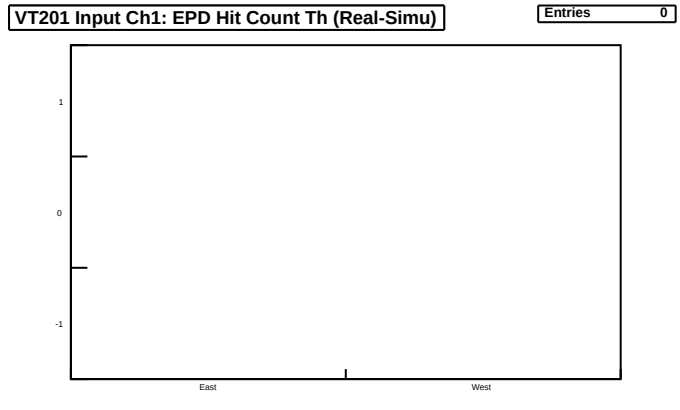

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 142254
59077
59960
12050
11167
East
West

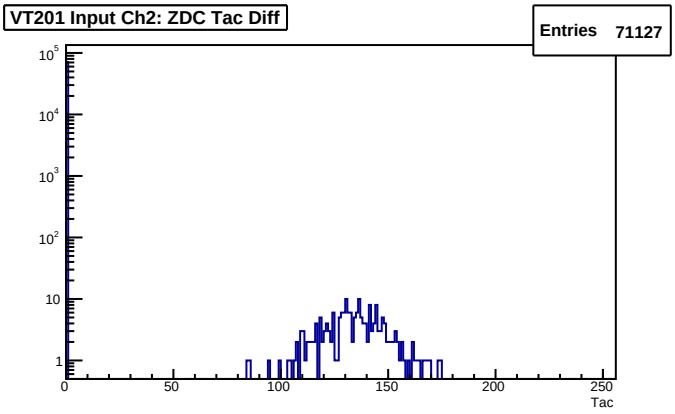

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

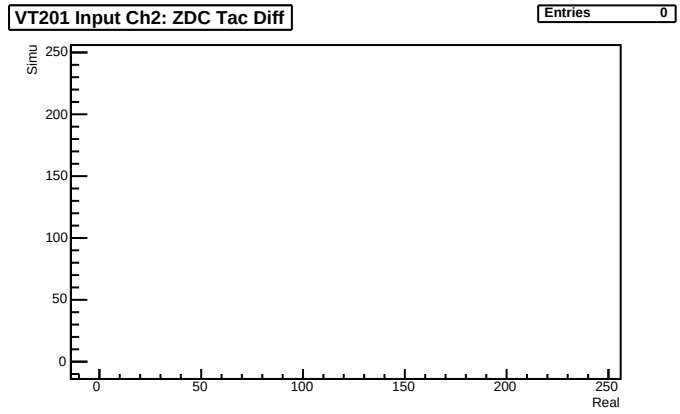

VT201 Input Ch1: EPD Tac Diff
Entries 71127
Tac

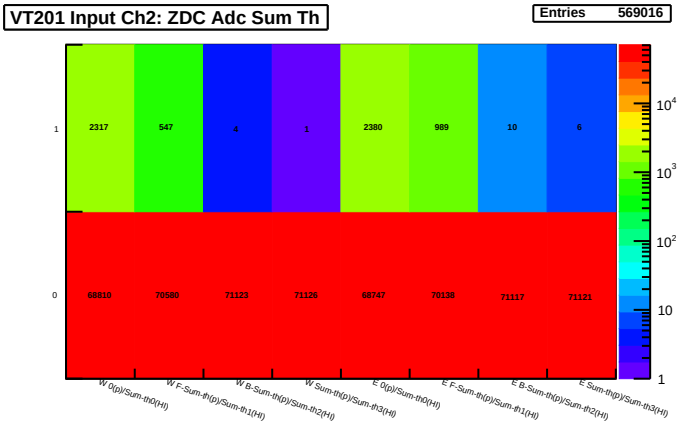

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

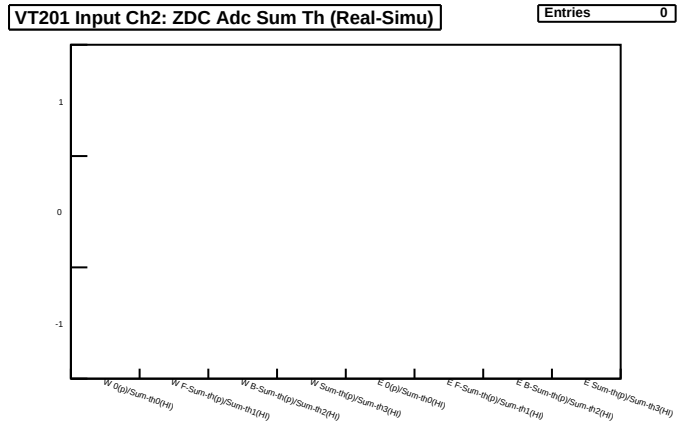

VT201 Input Ch1: EPD Hit Count Th
Entries 142254
69201
68796
1926
2331
East
West

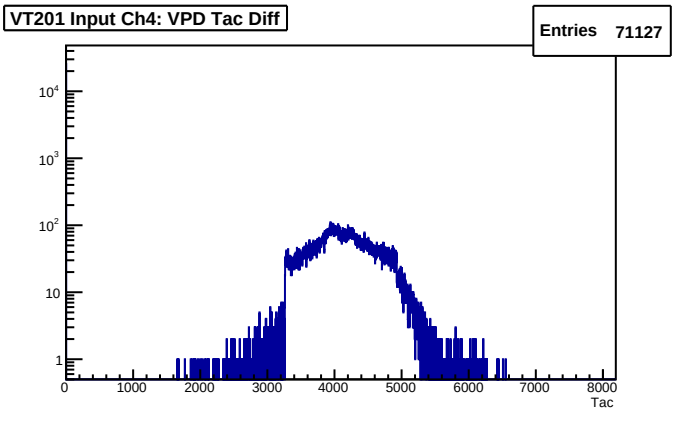

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

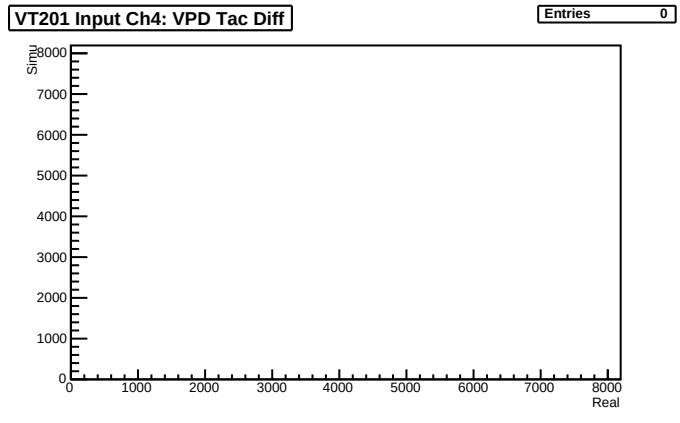

VT201 Input Ch2: ZDC Tac Diff
Entries 71127
Tac

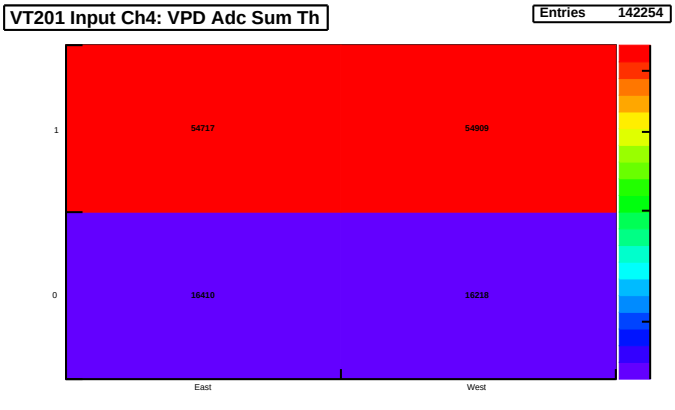

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

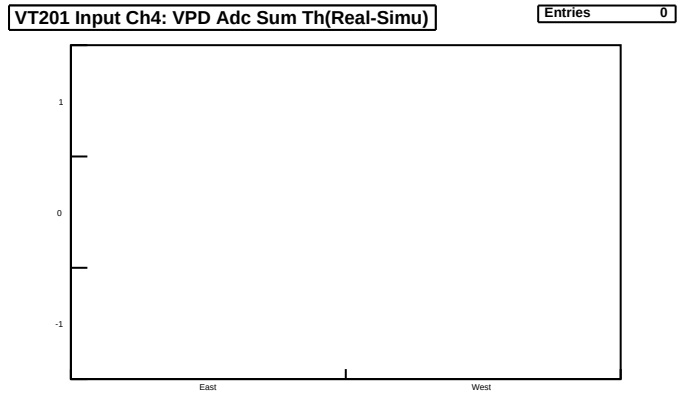

VT201 Input Ch2: ZDC Adc Sum Th
Entries 569016
2317
547
4
1
2380
989
10
6
68810
70580
71123
71126
68747
70138
71117
71121
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

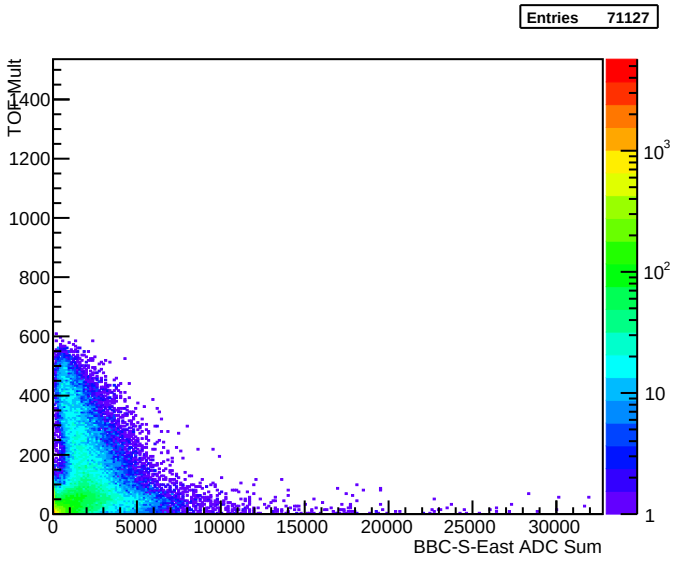

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

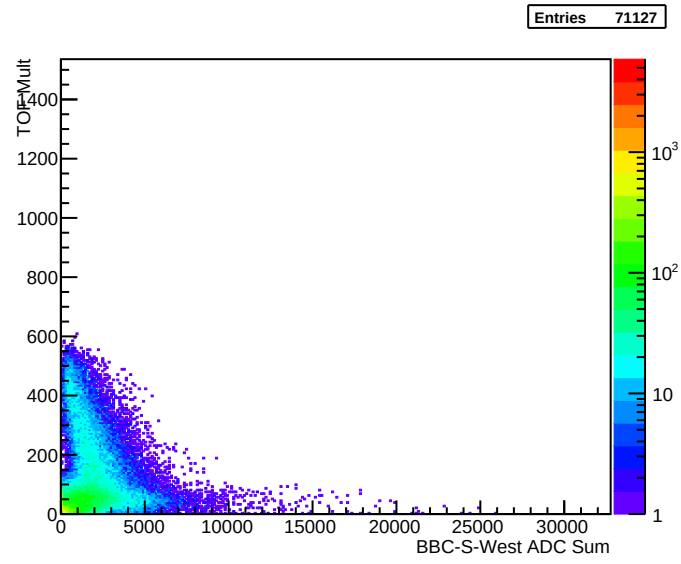

VT201 Input Ch4: VPD Tac Diff
Entries 71127
Tac

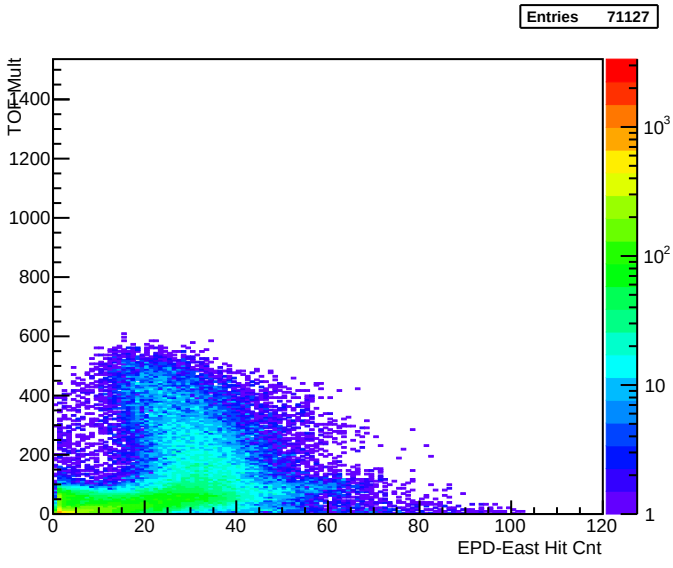

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

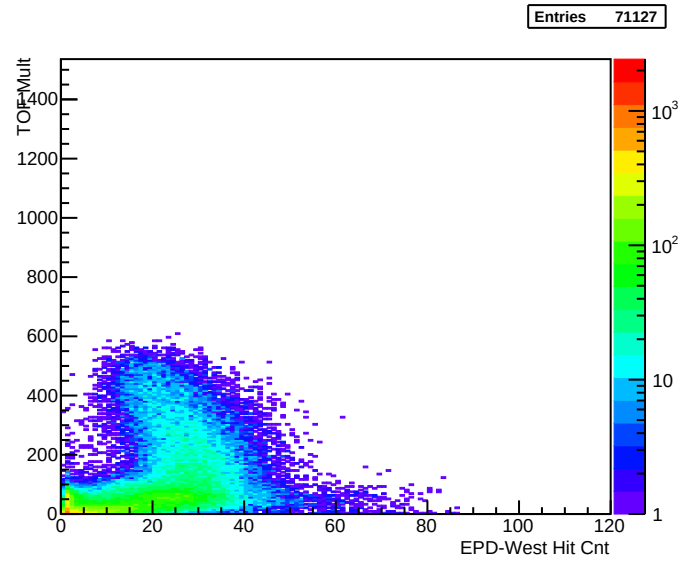

VT201 Input Ch4: VPD Adc Sum Th
Entries 142254
54717
54909
16410
16218
East
West

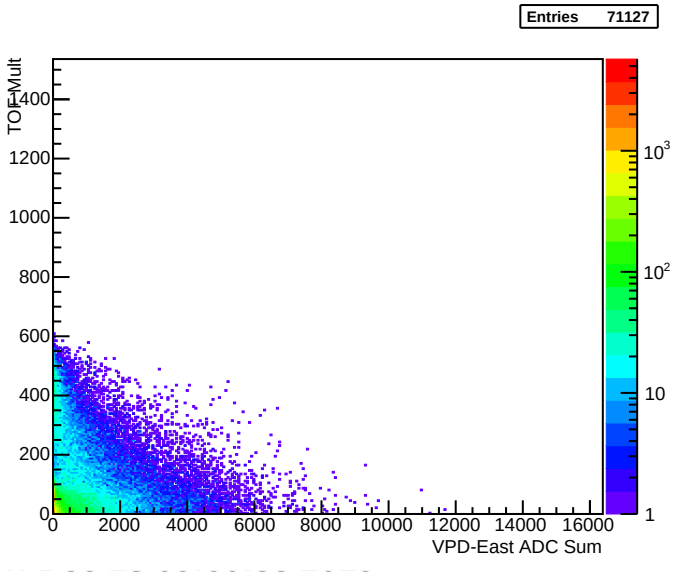

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

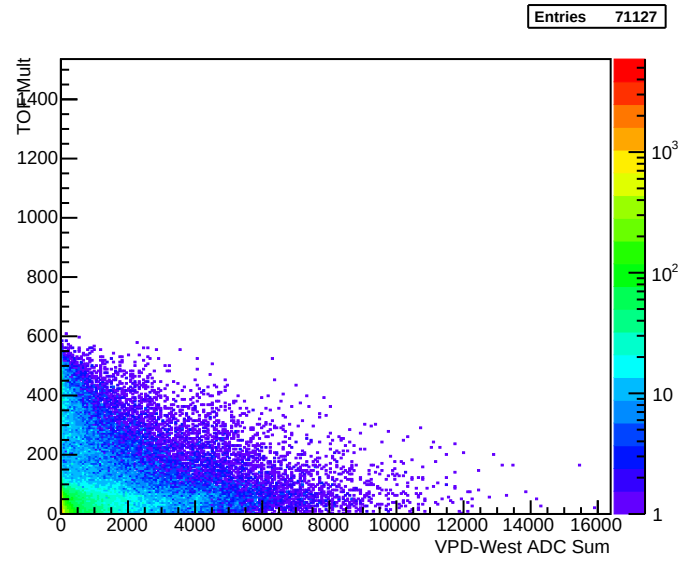

Entries 71127
TOF-Mult
BBC-S-East ADC Sum

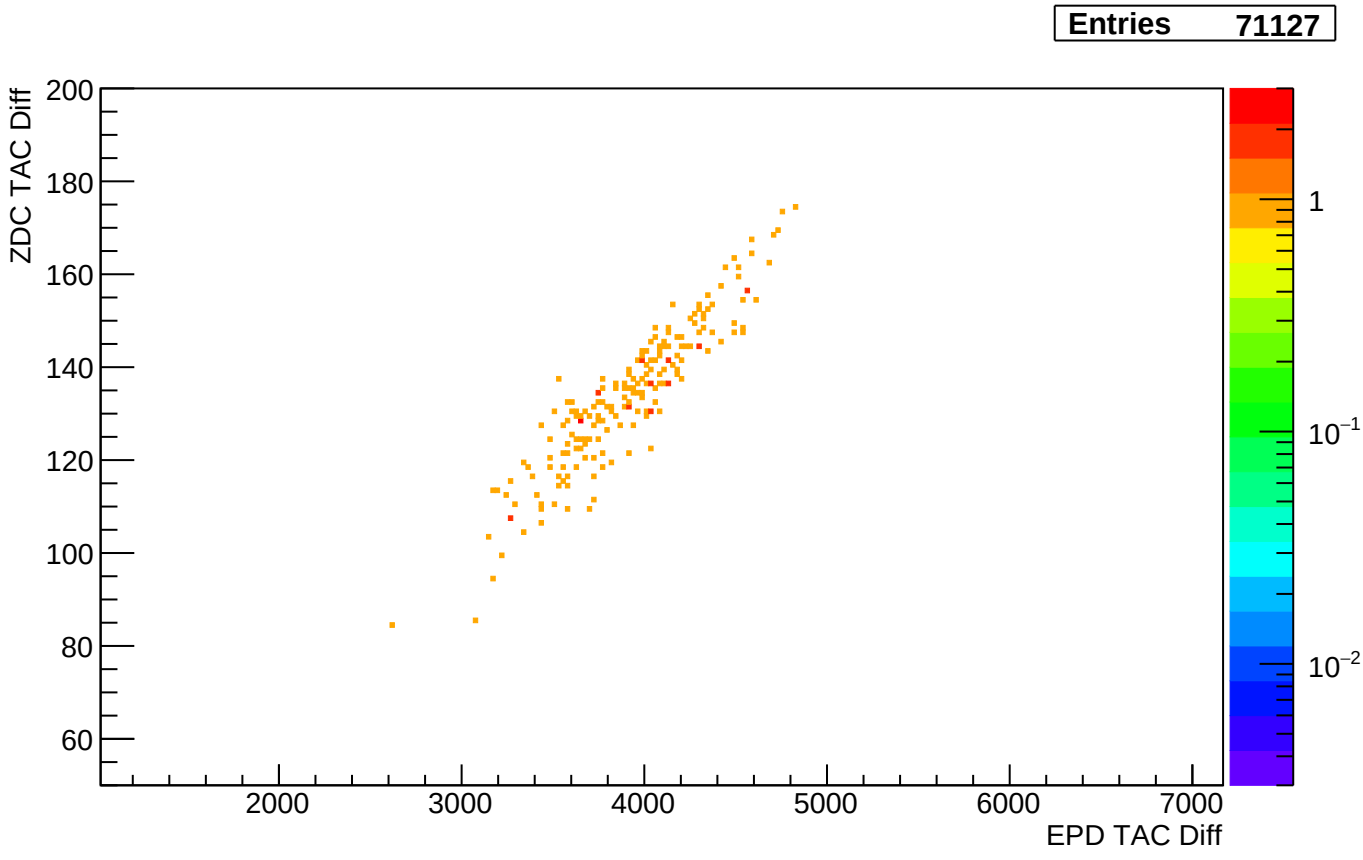

Entries 71127
TOF-Mult
BBC-S-West ADC Sum

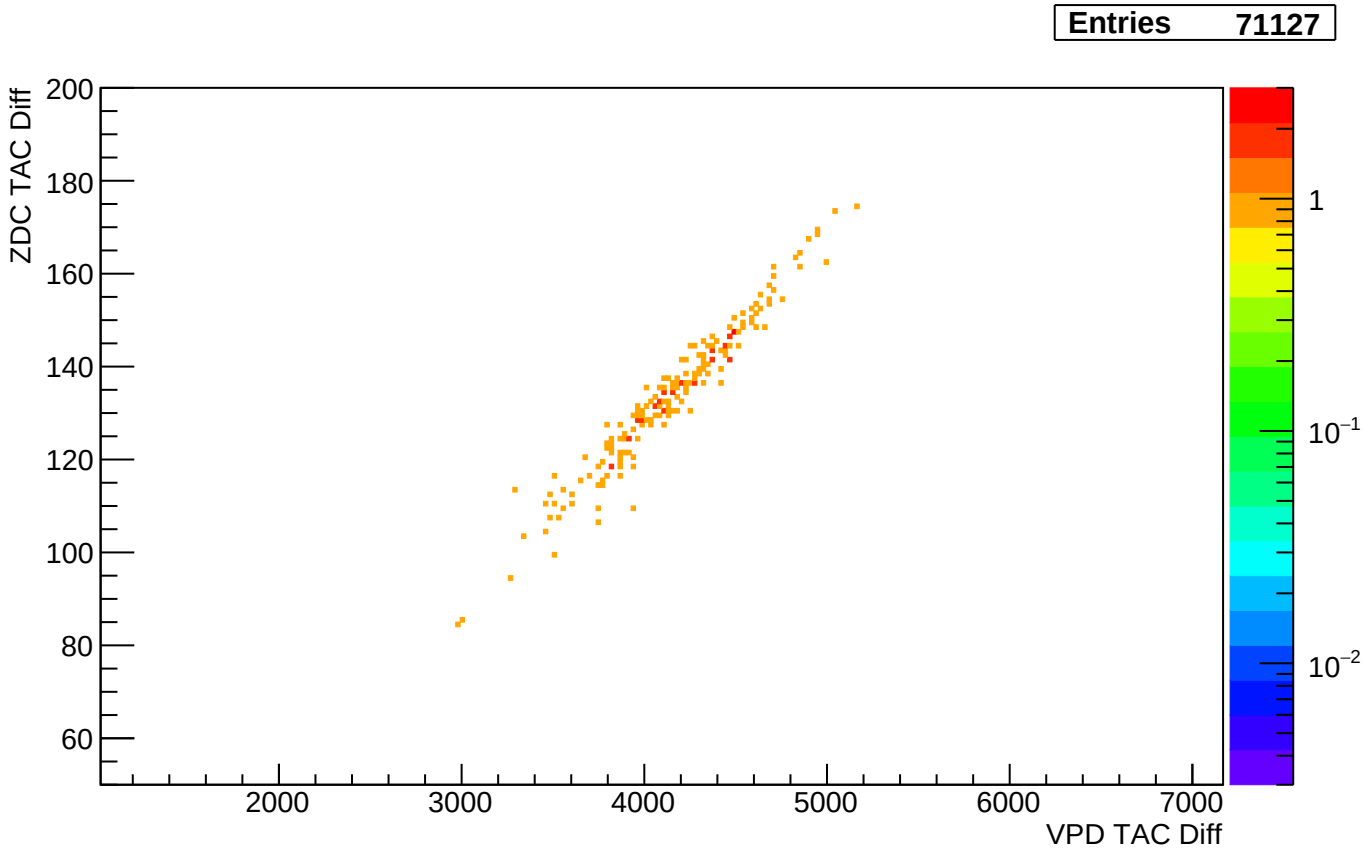

Entries 71127
TOF-Mult
EPD-East Hit Cnt

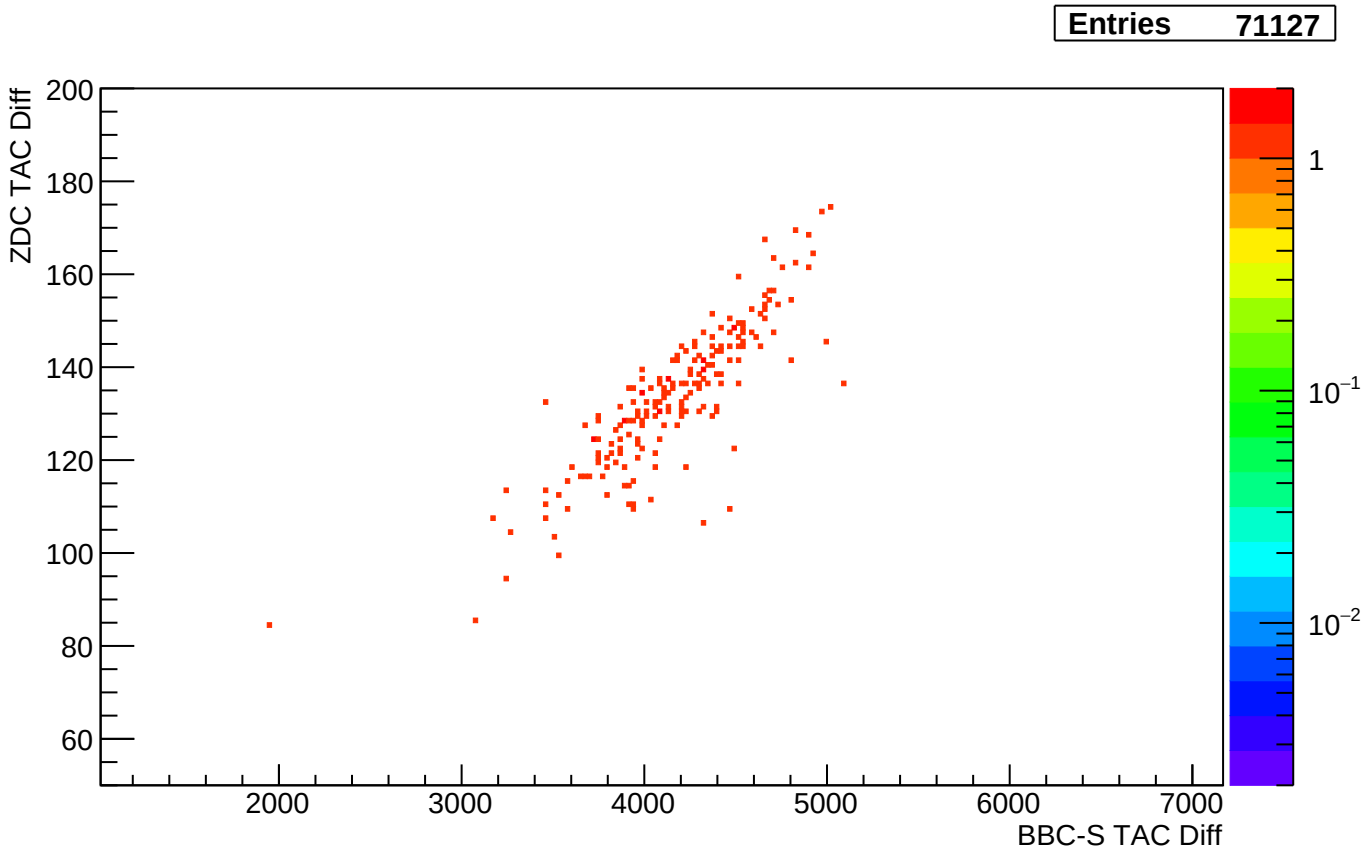

Entries 71127
TOF-Mult
EPD-West Hit Cnt

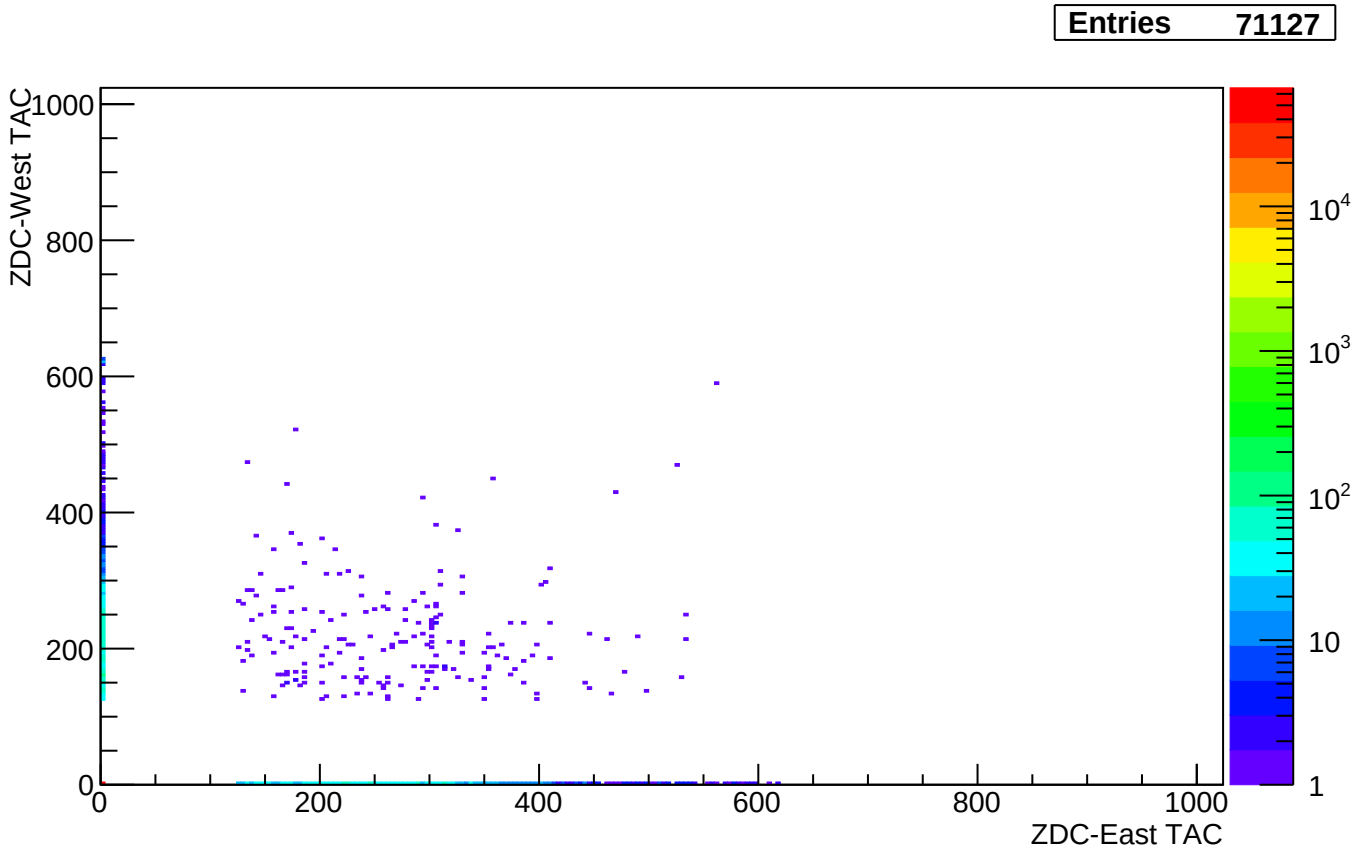

Entries 71127
TOF-Mult
VPD-East ADC Sum

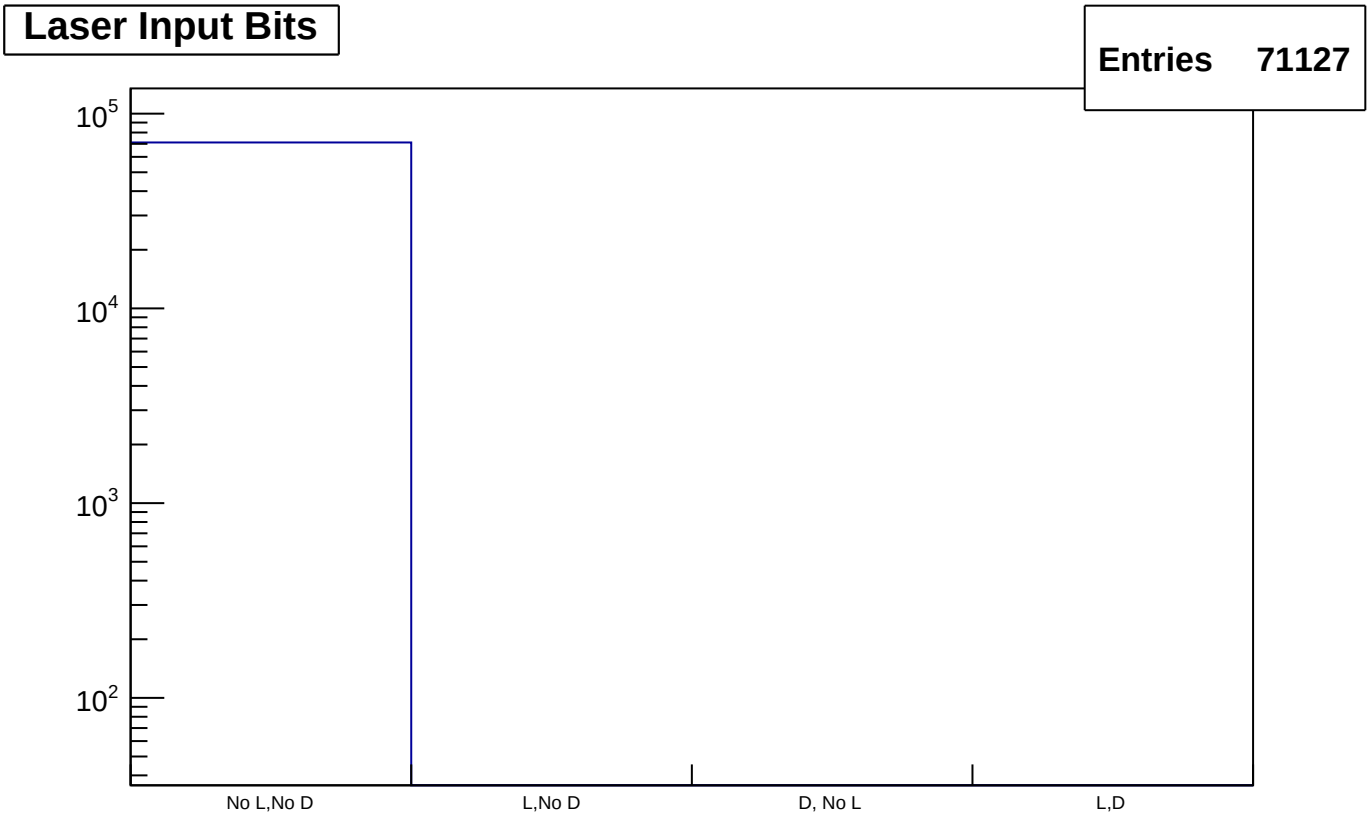

Entries 71127
TOF-Mult
VPD-West ADC Sum

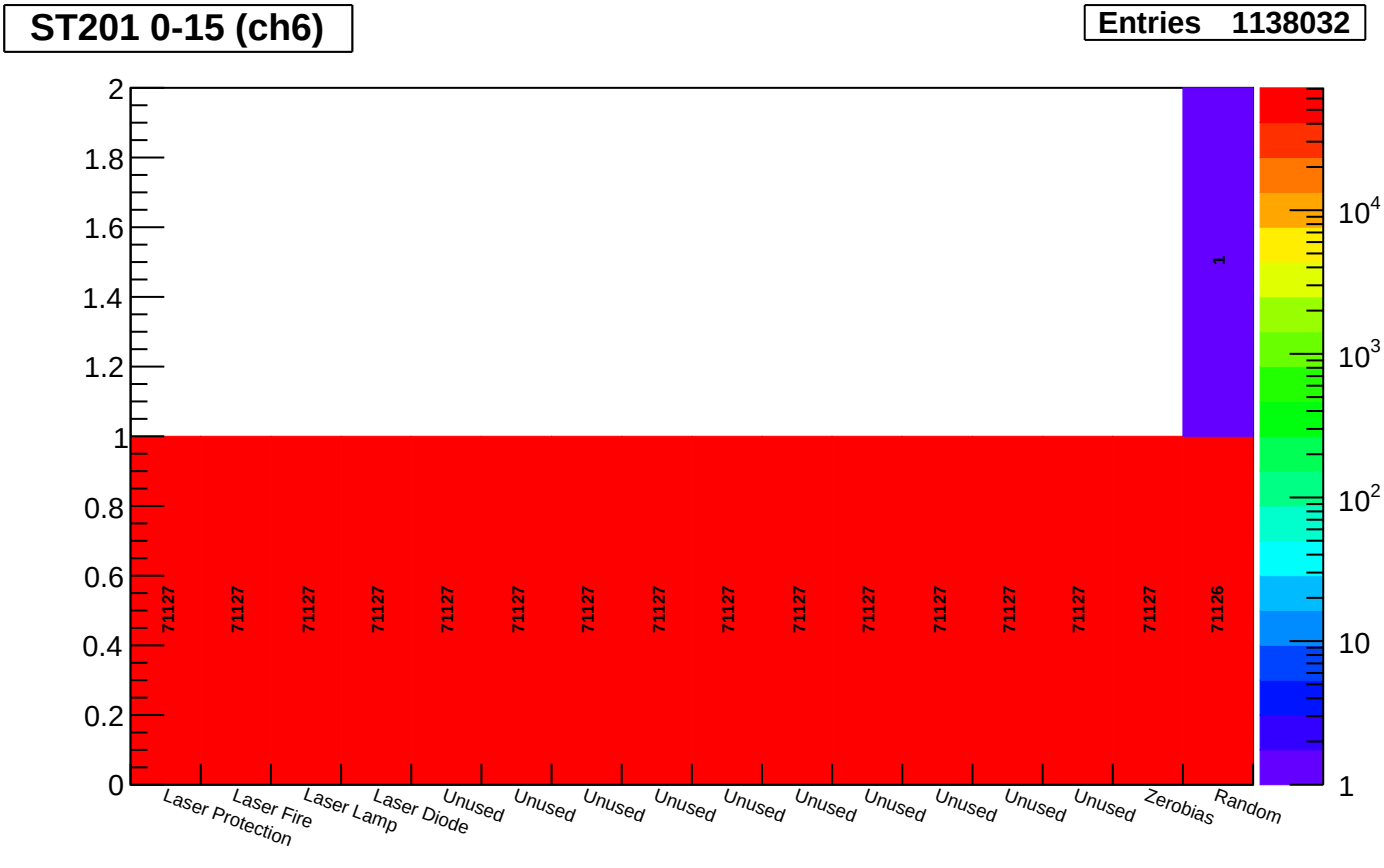

Entries 71127
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

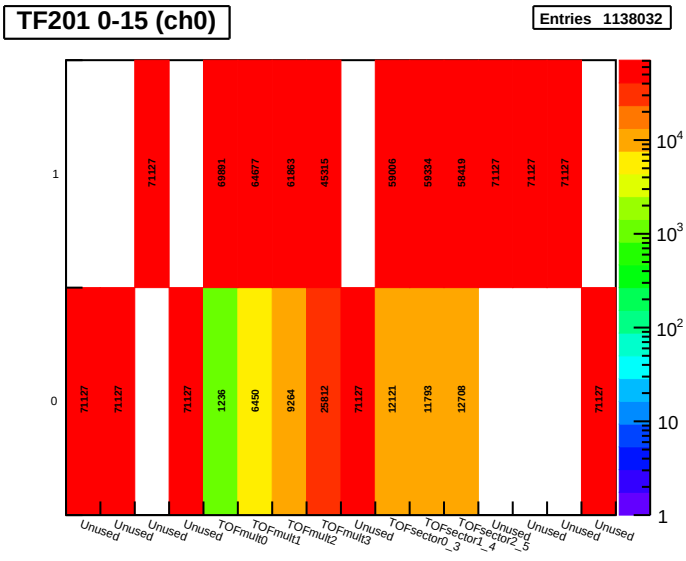

Entries 71127
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

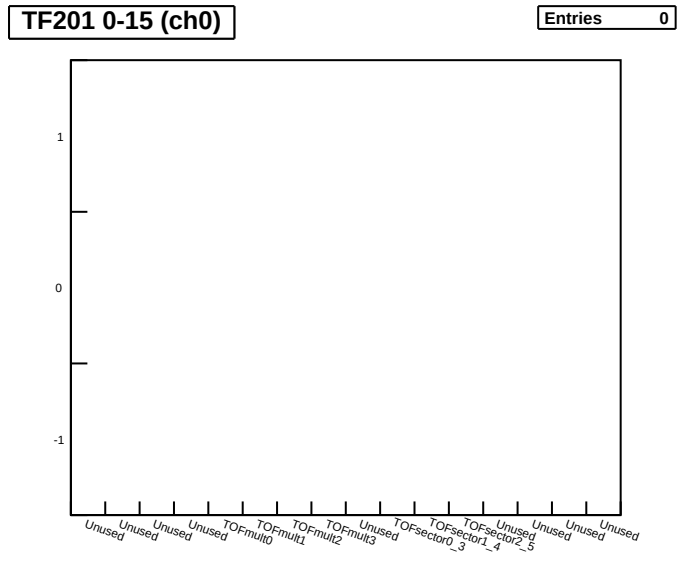

Entries 71127
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

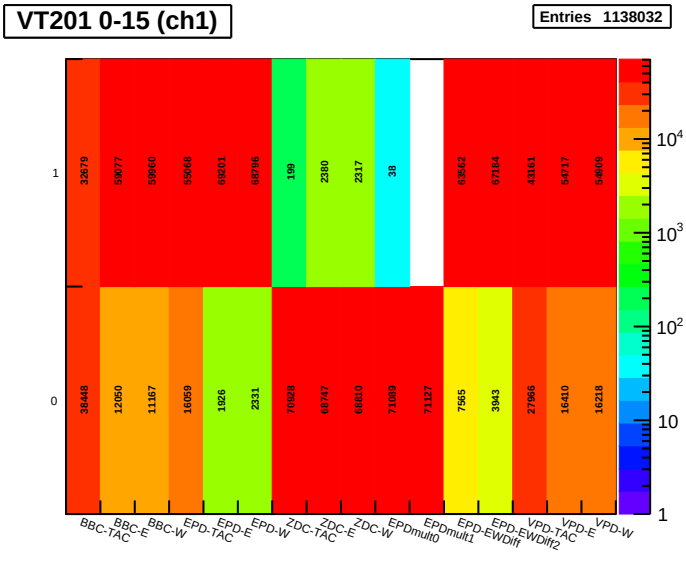

Entries 71127
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

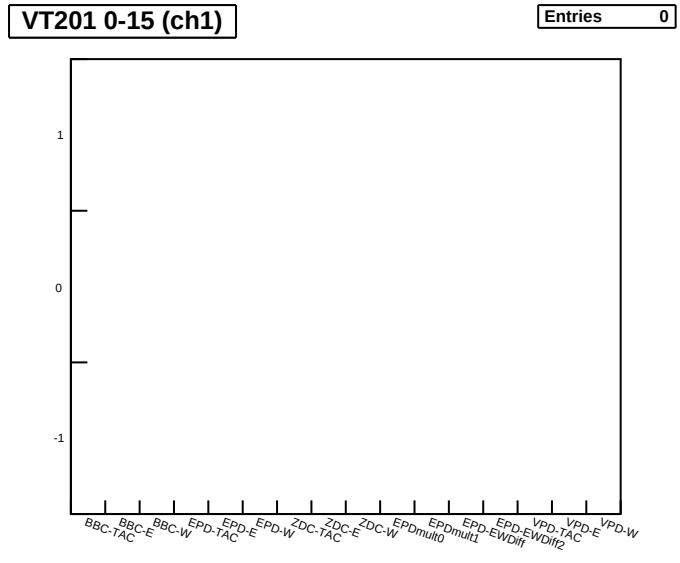

Laser Input Bits
Entries 71127
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

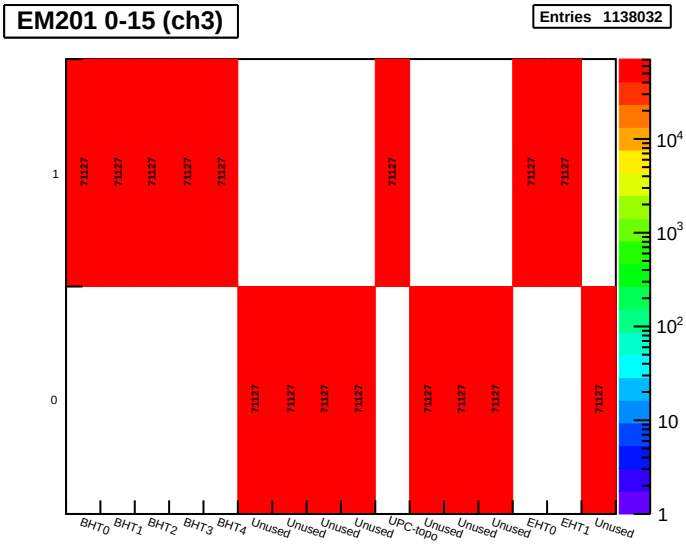

ST201 0-15 (ch6)
Entries 1138032
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
71127
71126
1
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

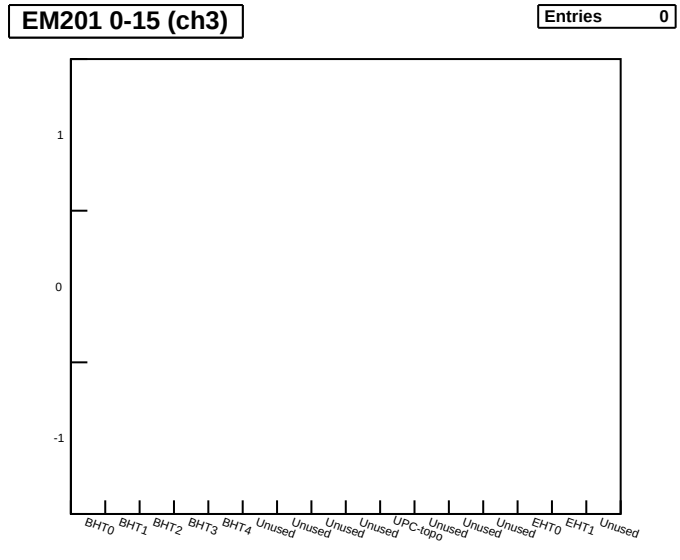

TF201 0-15 (ch0)
Entries 1138032
1
0
71127
69891
64677
61863
45315
59006
59334
58419
71127
71127
71127
71127
71127
71127
71127
1236
6450
9264
25812
71127
12121
11793
12708
71127
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 1138032
1
0
32679
59077
59960
55068
69201
68796
199
2380
2317
38
65562
67184
43161
54717
54009
38448
12050
11167
16069
1926
2331
70828
68747
68810
71089
71127
7965
3943
27966
16410
16218
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 1138032
1
0
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
71127
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