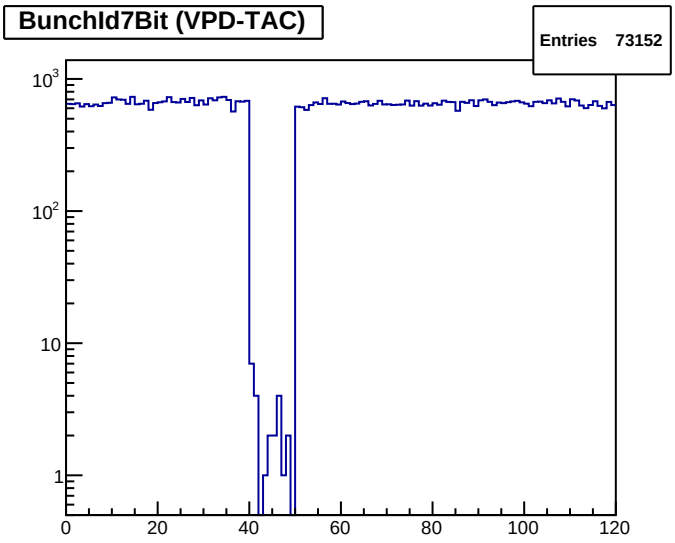
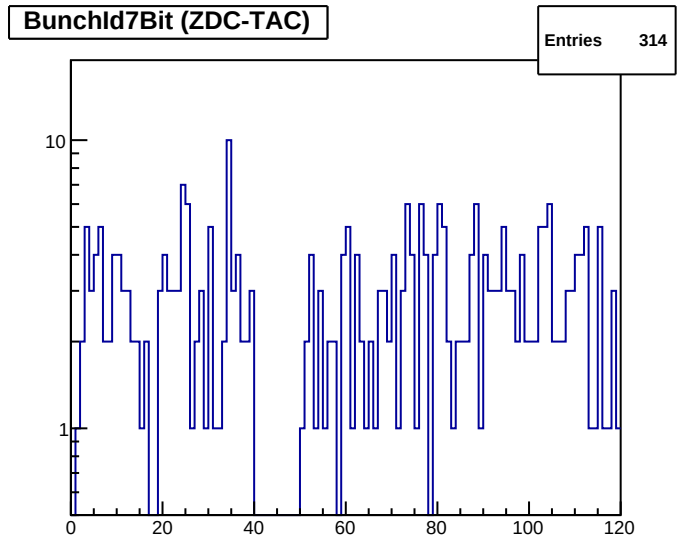
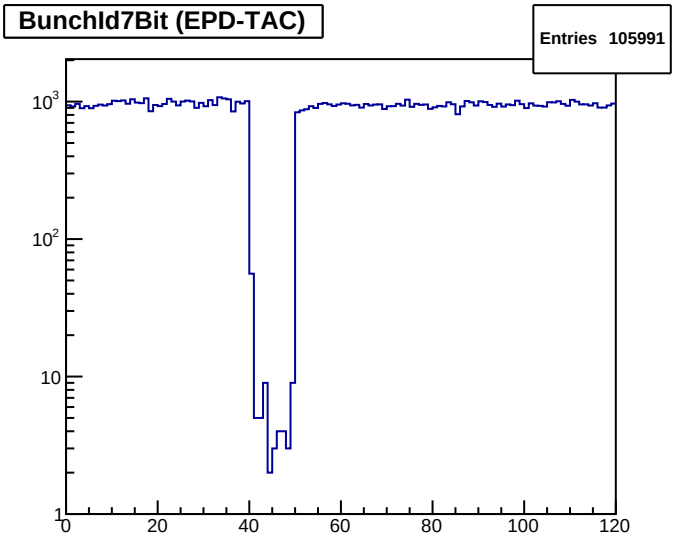
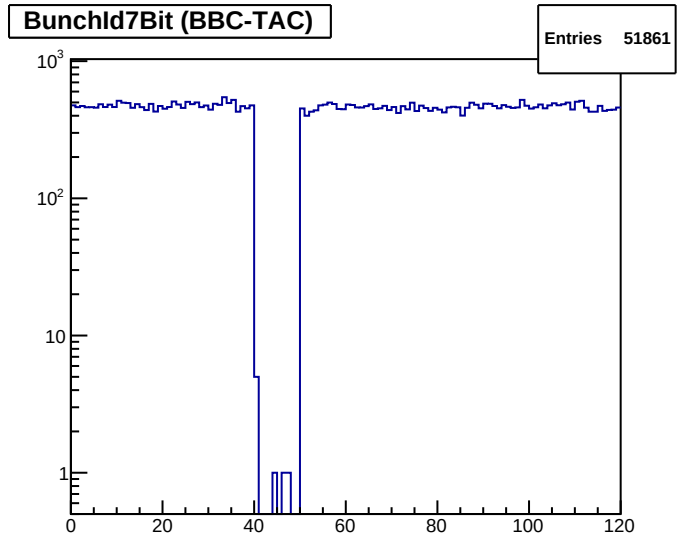
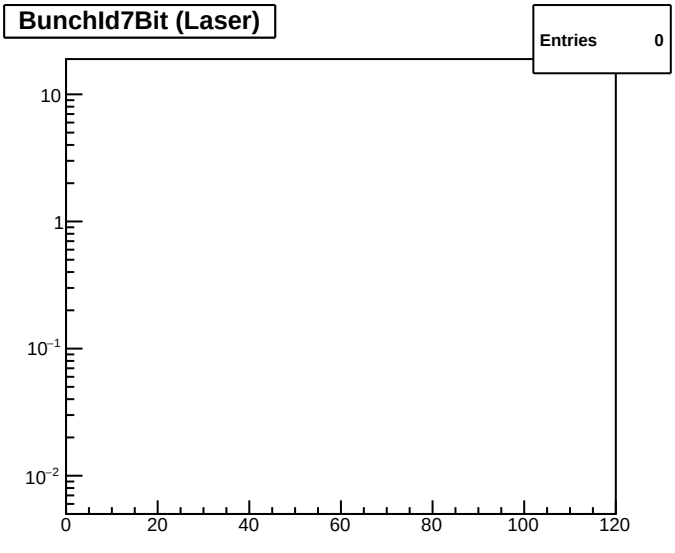
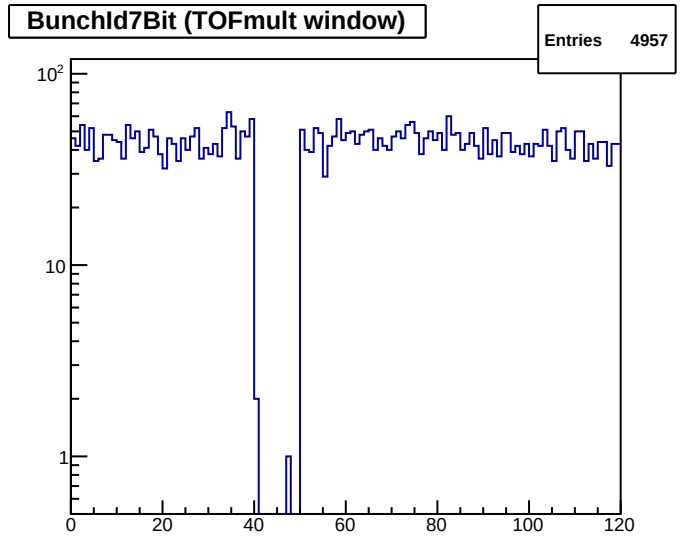

BunchId7Bit (VPD-TAC)
Entries 73152

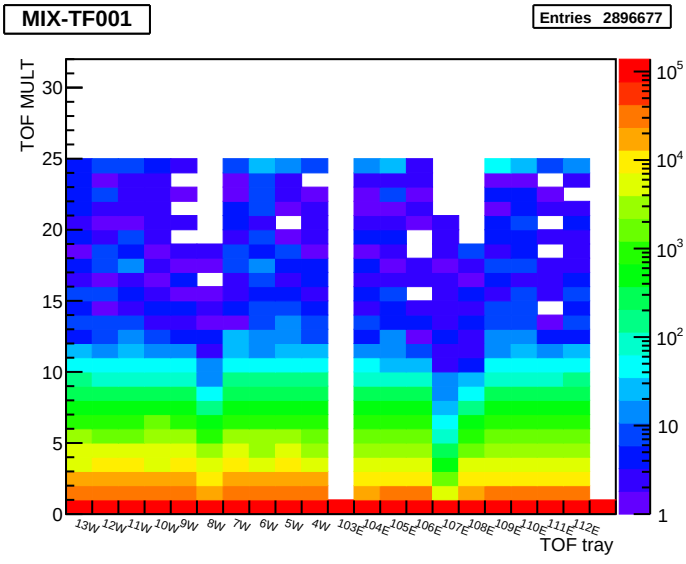

BunchId7Bit (ZDC-TAC)
Entries 314

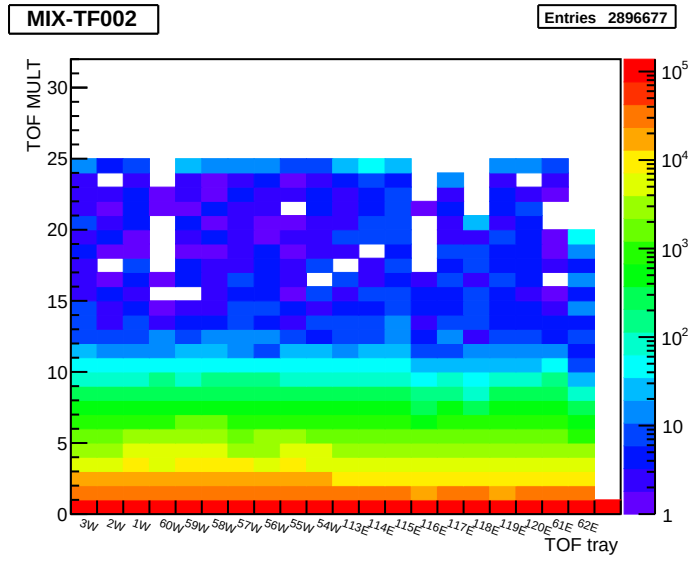

BunchId7Bit (EPD-TAC)
Entries 105991

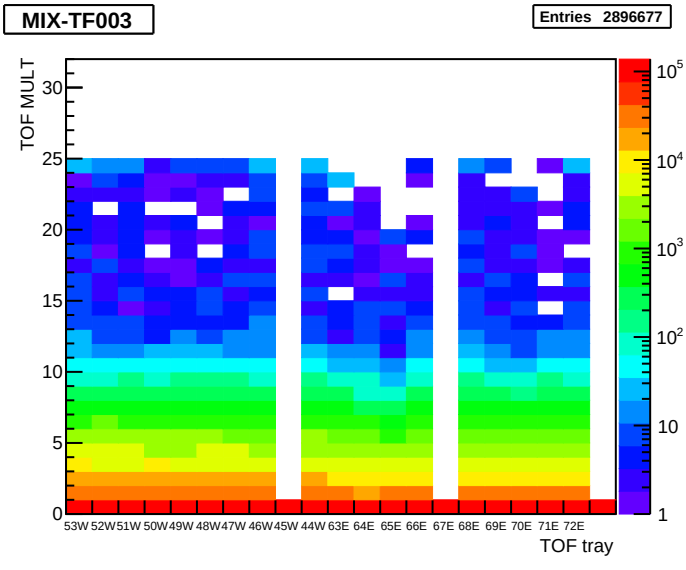

BunchId7Bit (BBC-TAC)
Entries 51861

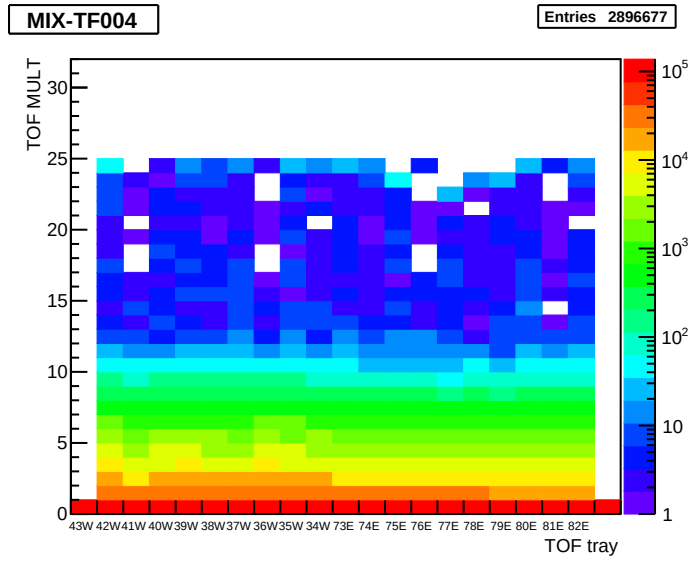

BunchId7Bit (Laser)
Entries 0

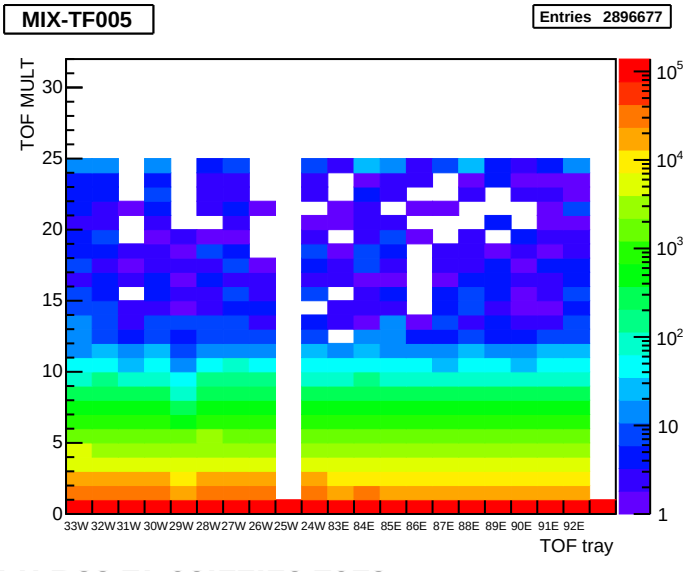

BunchId7Bit (TOFmult window)
Entries 4957

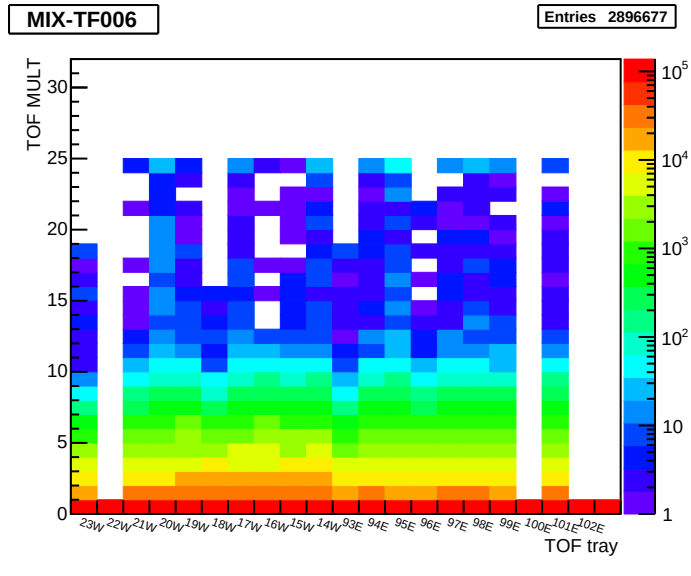

MIX-TF001
Entries 2896677
TOF MULT
TOF tray

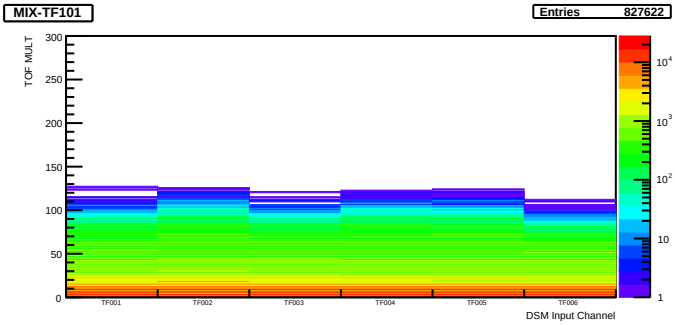

MIX-TF002
Entries 2896677
TOF MULT
TOF tray

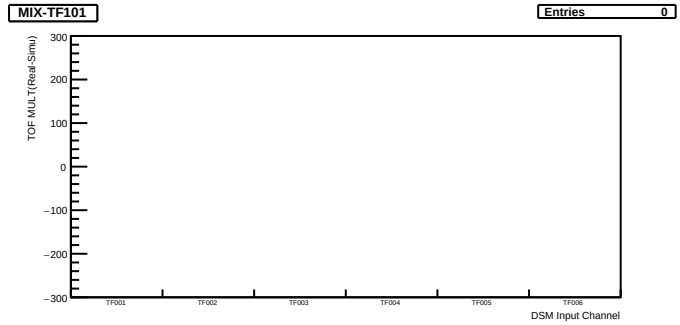

MIX-TF003
Entries 2896677
TOF MULT
TOF tray

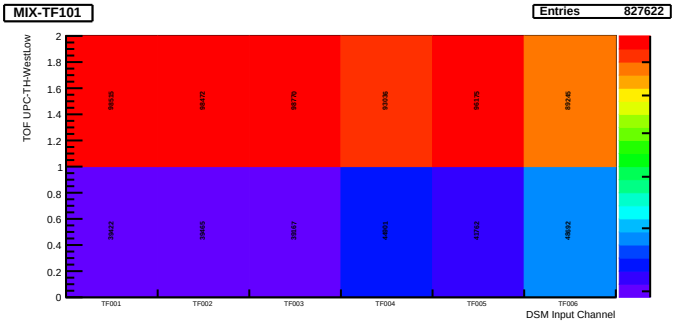

MIX-TF004
Entries 2896677
TOF MULT
TOF tray

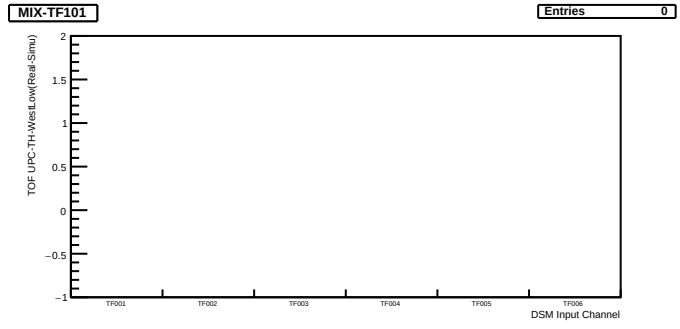

MIX-TF005
Entries 2896677
TOF MULT
TOF tray

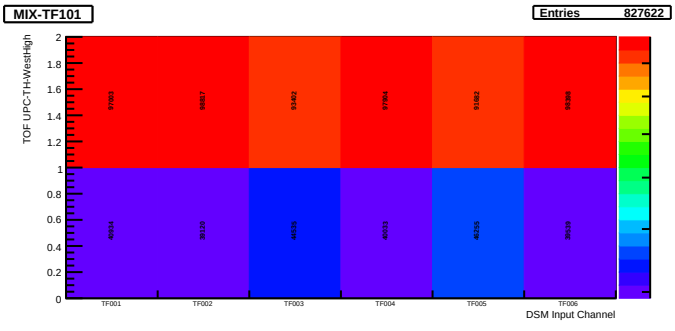

MIX-TF006
Entries 2896677
TOF MULT
TOF tray

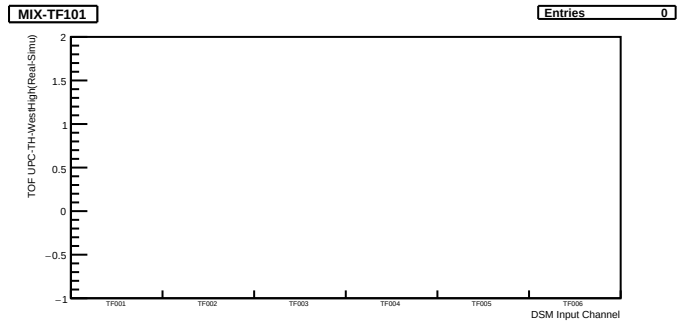

MIX-TF101
Entries 827622
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

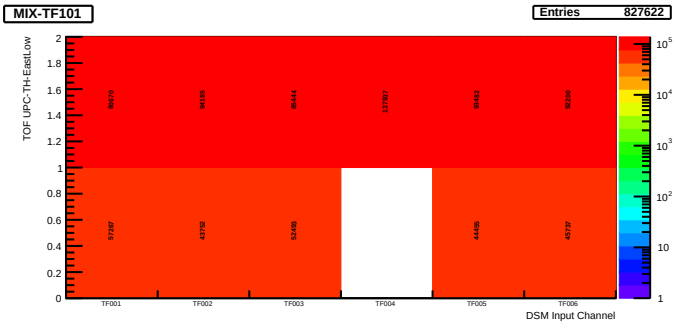

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

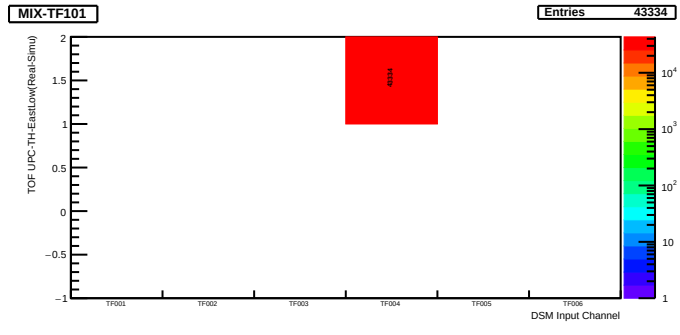

MIX-TF101
Entries 827622
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

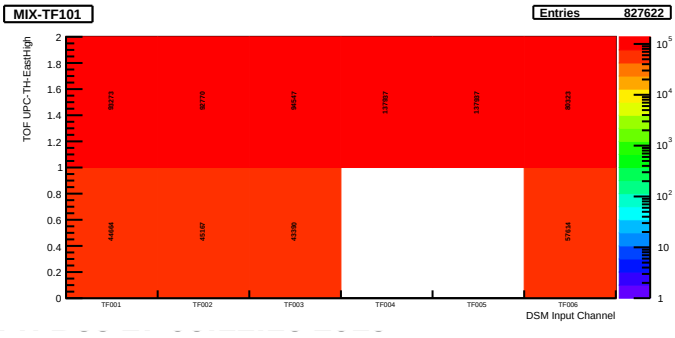

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

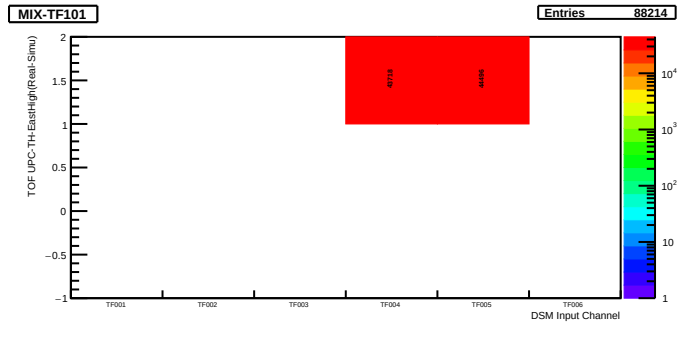

MIX-TF101
Entries 827622
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

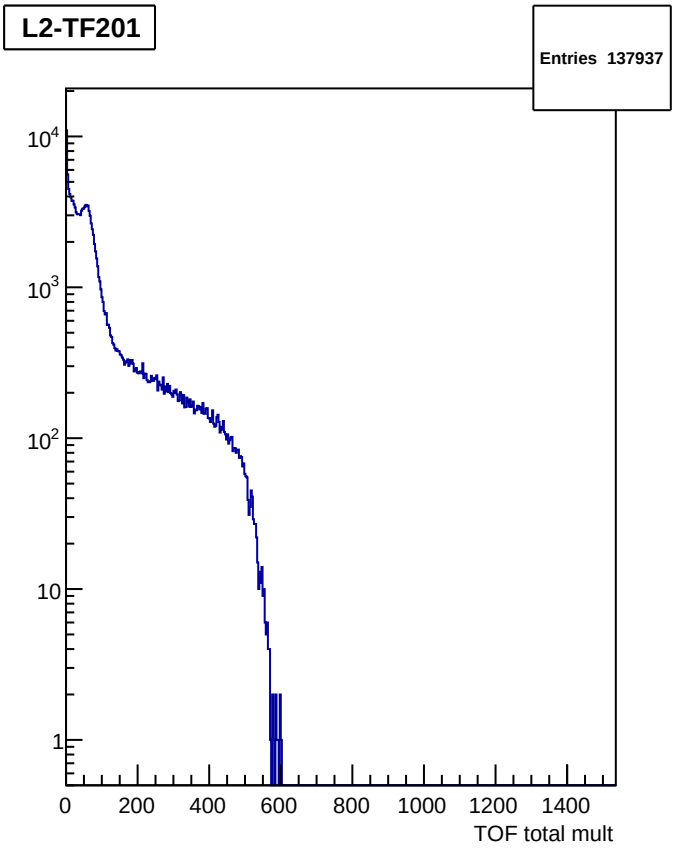

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

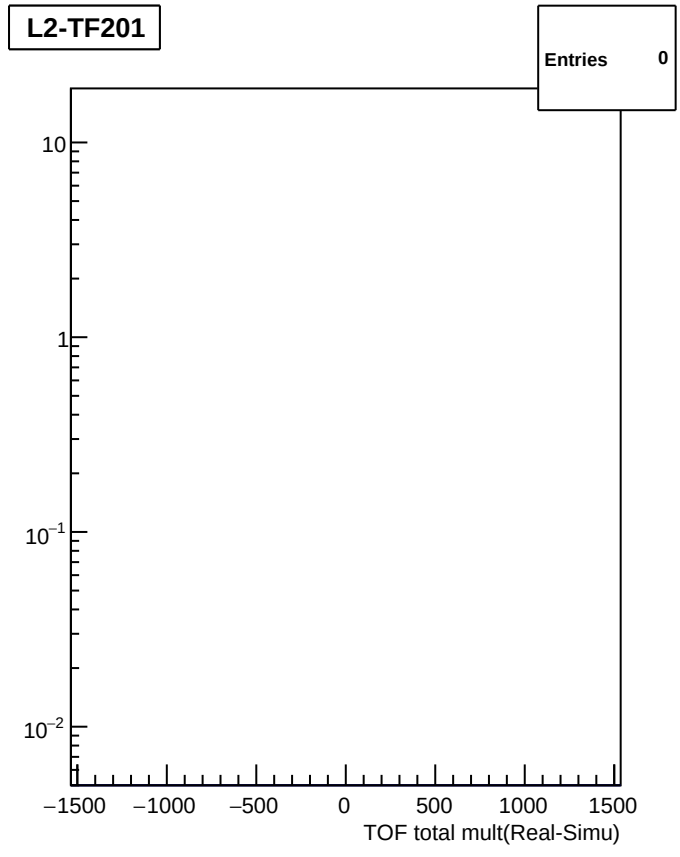

MIX-TF101
Entries 827622
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

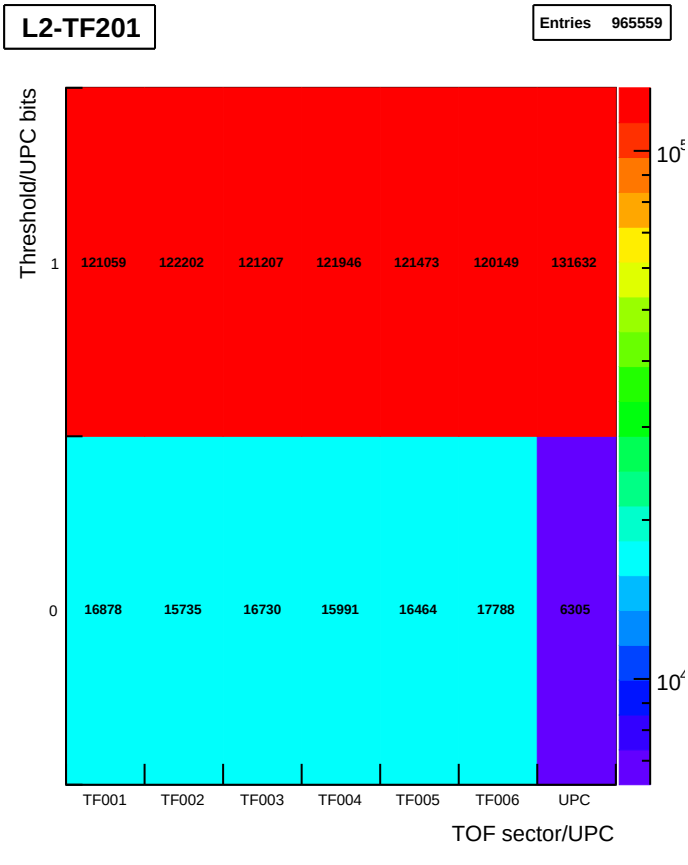

MIX-TF101
Entries 43334
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

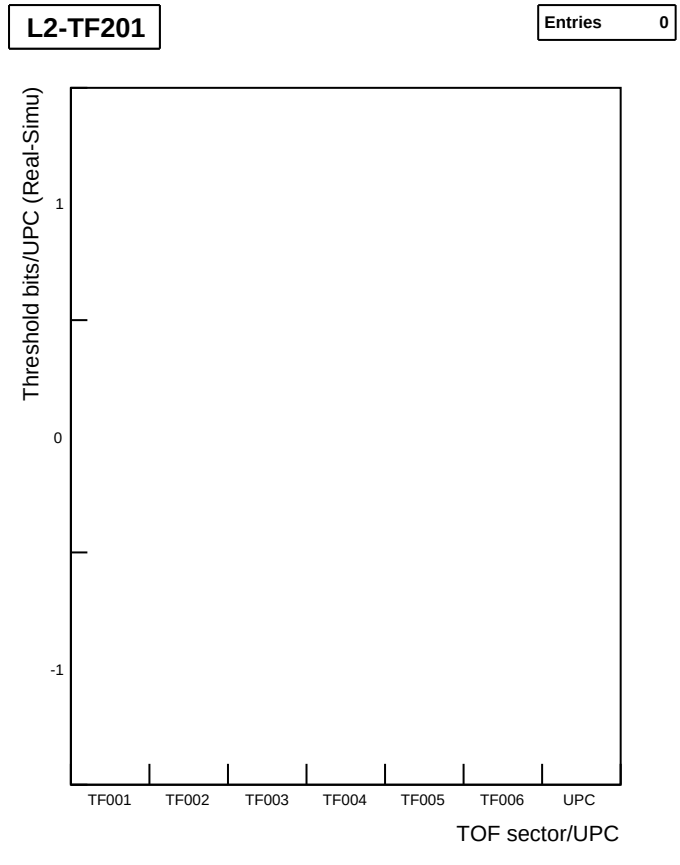

MIX-TF101
Entries 827622
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

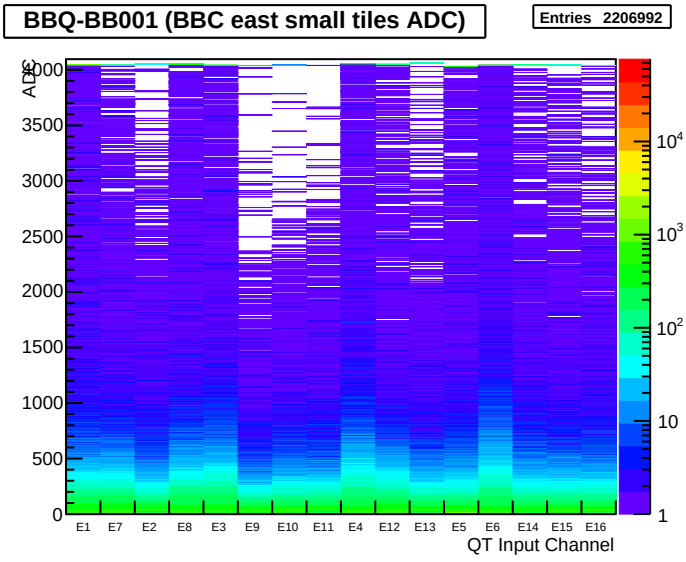

MIX-TF101
Entries 88214
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

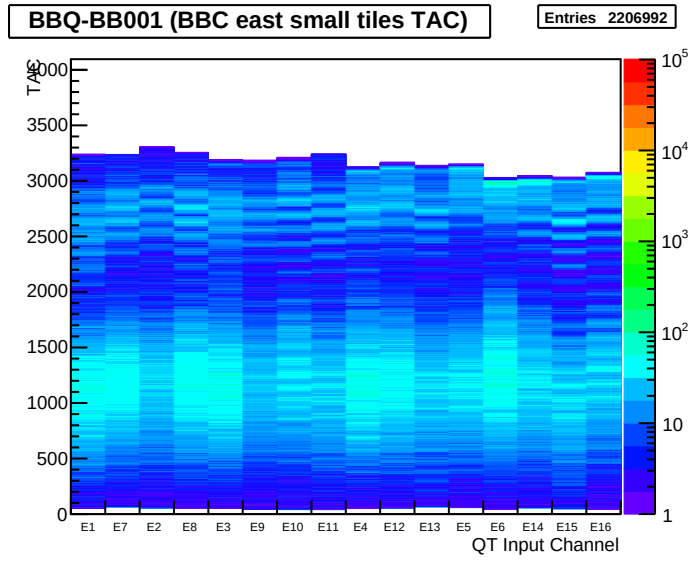

L2-TF201
Entries 137937
TOF total mult

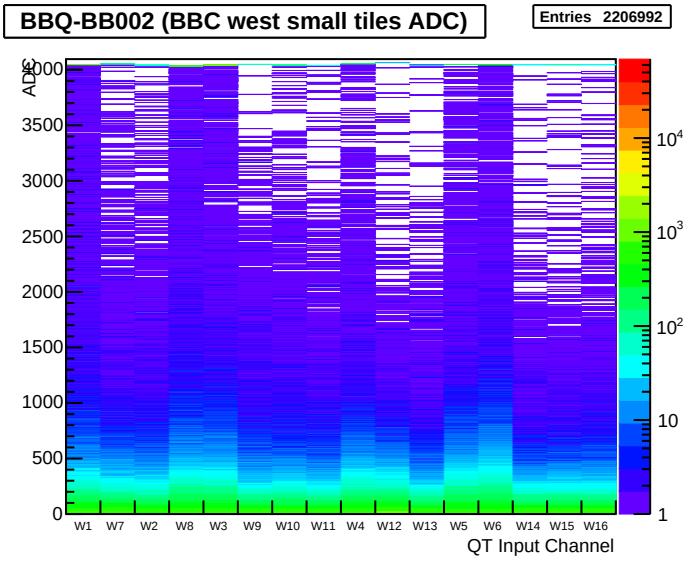

L2-TF201
Entries 0
TOF total mult(Real-Simu)

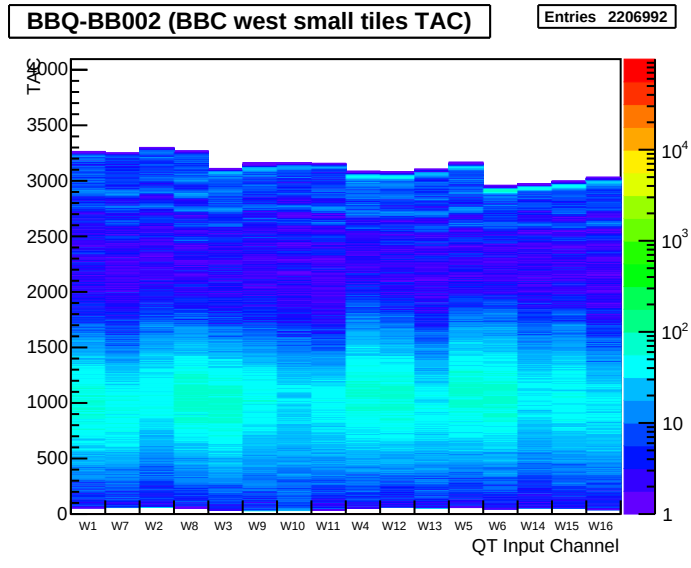

L2-TF201
Entries 965559
Threshold/UPC bits
121059 122202 121207 121946 121473 120149 131632
16878 15735 16730 15991 16464 17788 6305
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

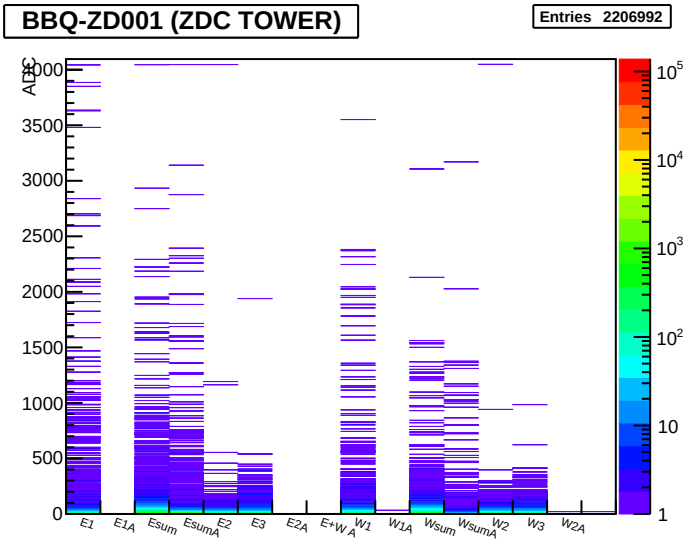

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

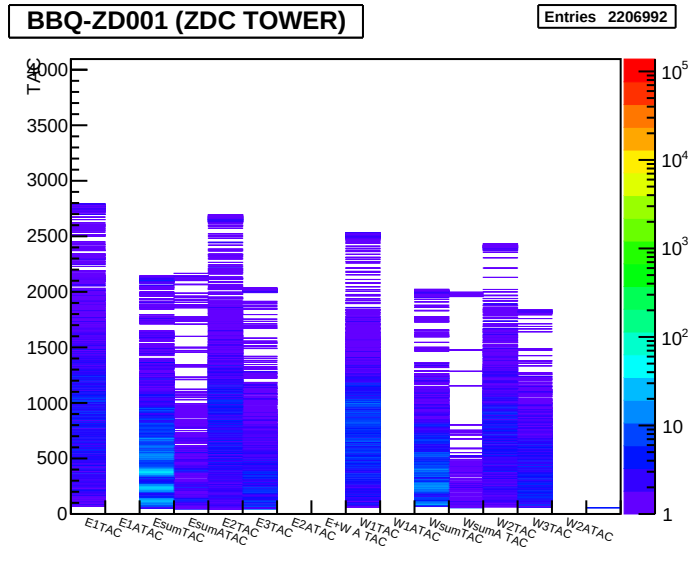

BBQ-BB001 (BBC east small tiles ADC)
Entries 2206992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

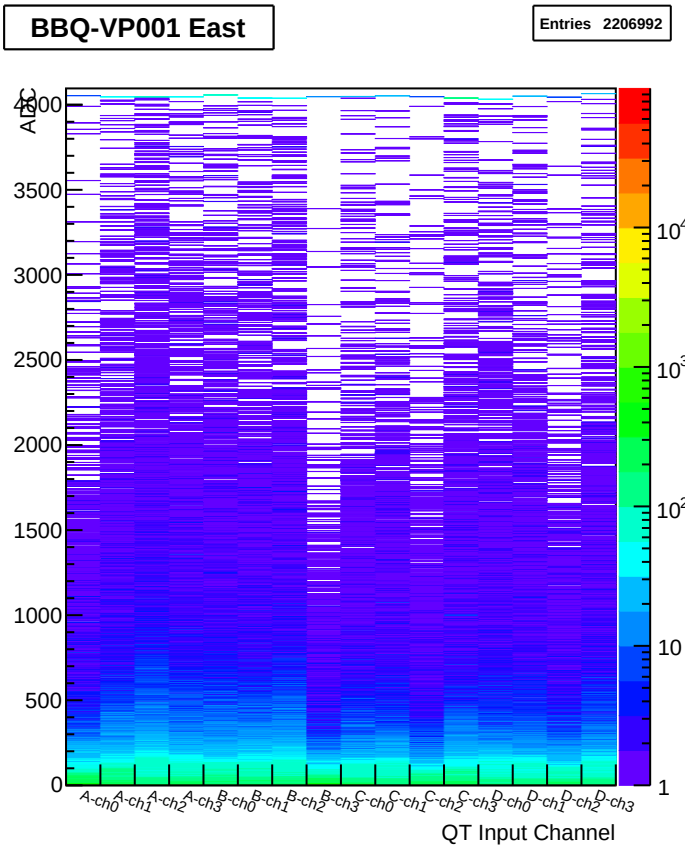

BBQ-BB001 (BBC east small tiles TAC)
Entries 2206992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

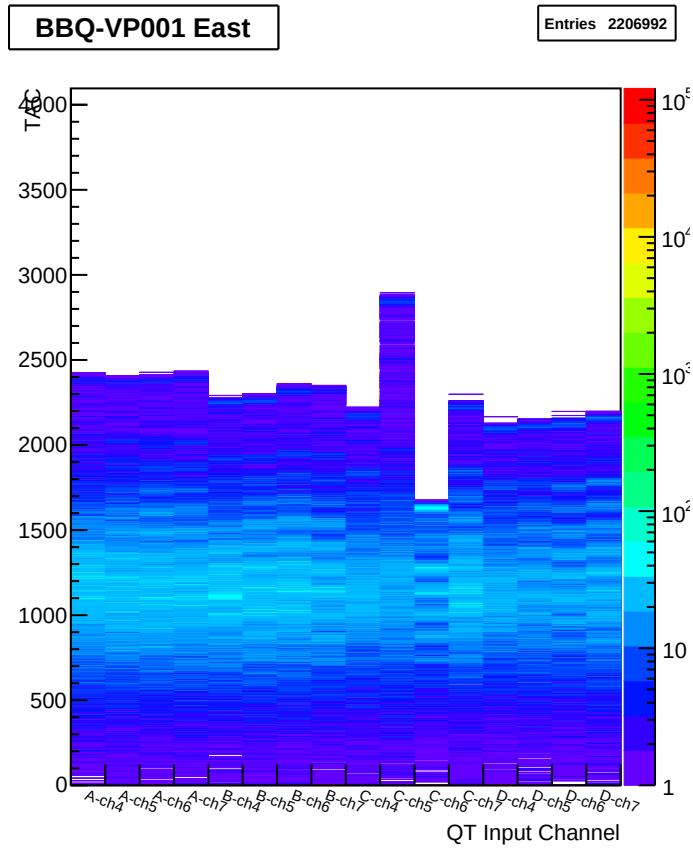

BBQ-BB002 (BBC west small tiles ADC)
Entries 2206992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

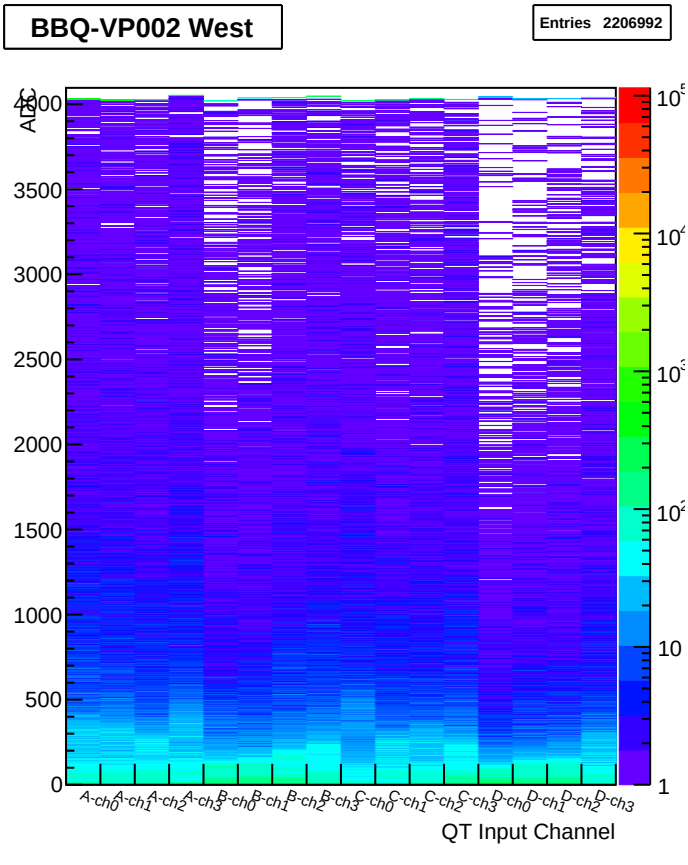

BBQ-BB002 (BBC west small tiles TAC)
Entries 2206992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

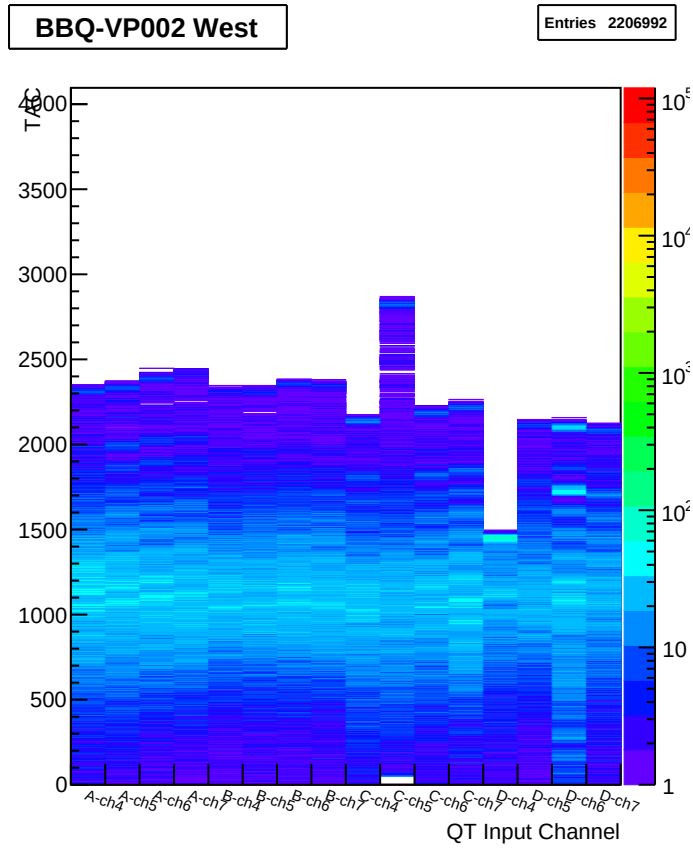

BBQ-ZD001 (ZDC TOWER)
Entries 2206992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

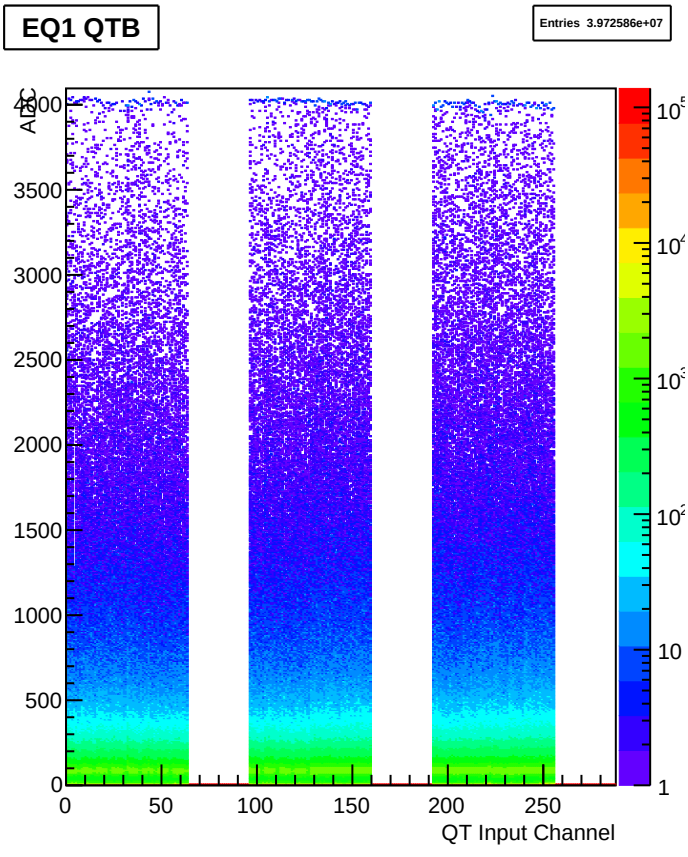

BBQ-ZD001 (ZDC TOWER)
Entries 2206992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

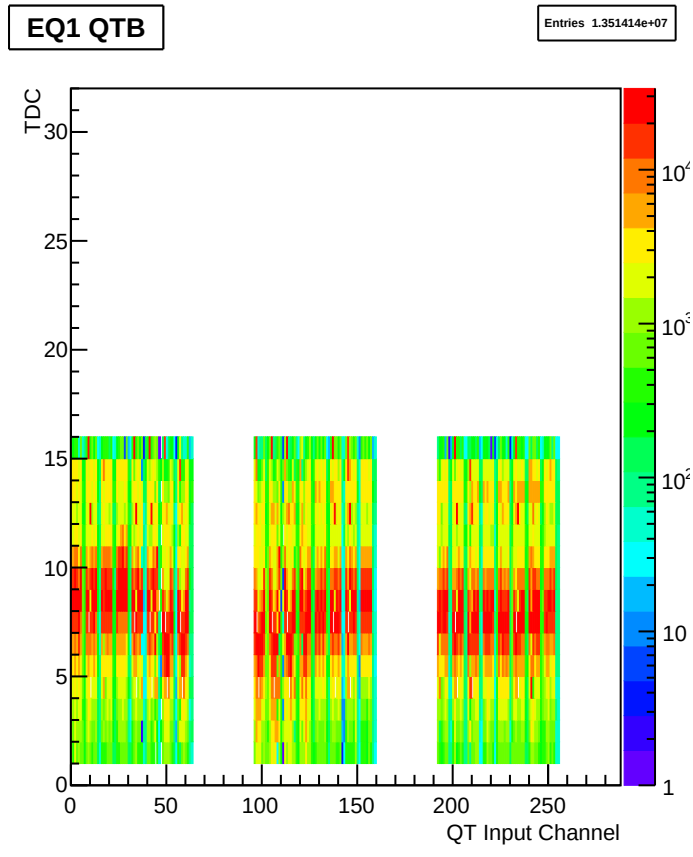

BBQ-VP001 East
Entries 2206992
ADC
QT Input Channel

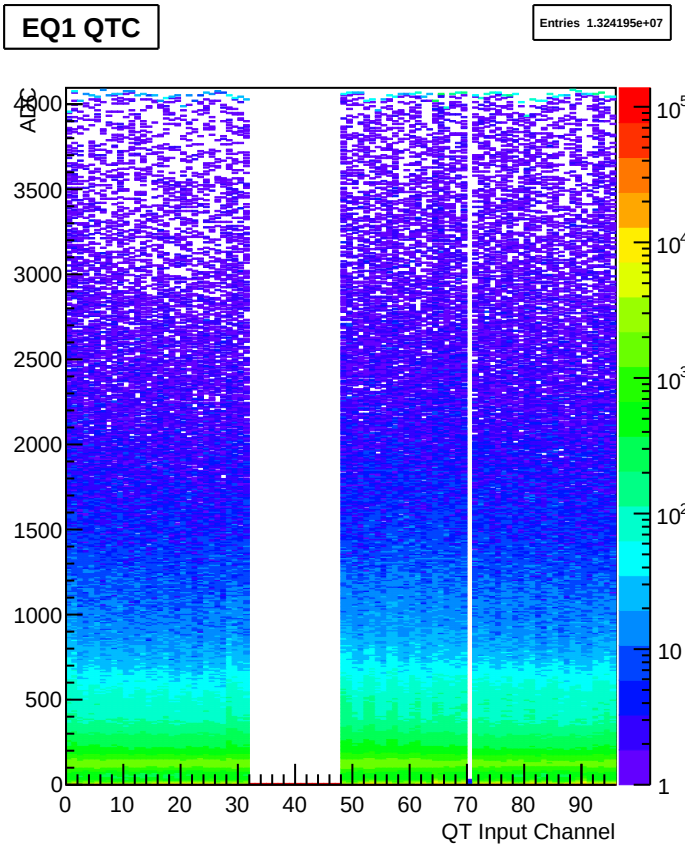

BBQ-VP001 East
Entries 2206992
TADC
QT Input Channel

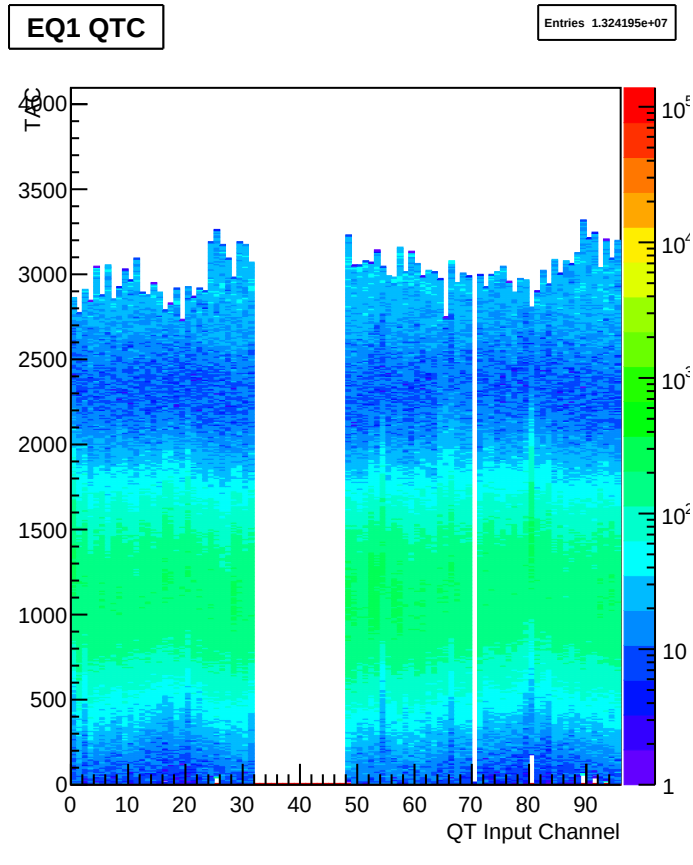

BBQ-VP002 West
Entries 2206992
ADC
QT Input Channel

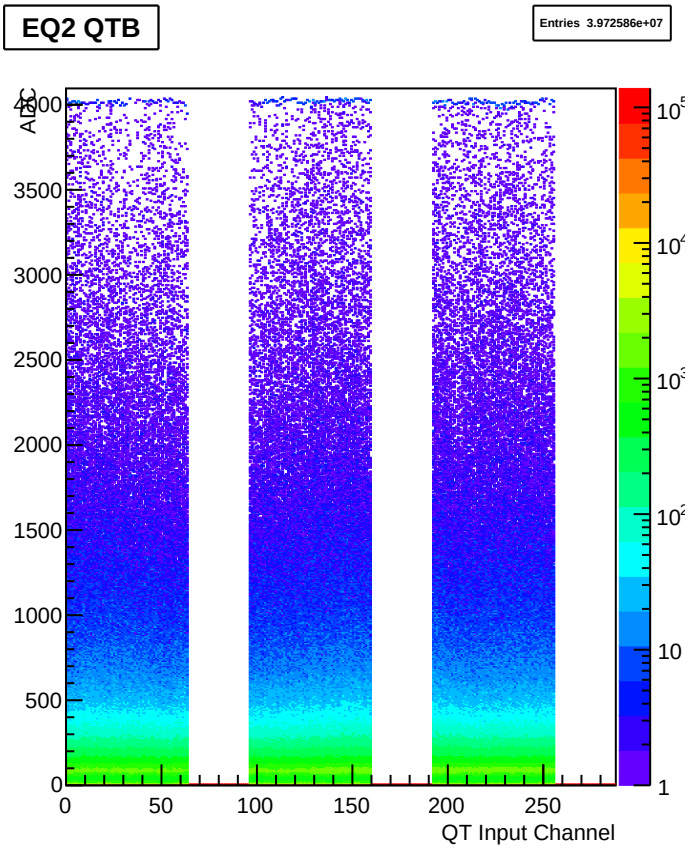

BBQ-VP002 West
Entries 2206992
TADC
QT Input Channel

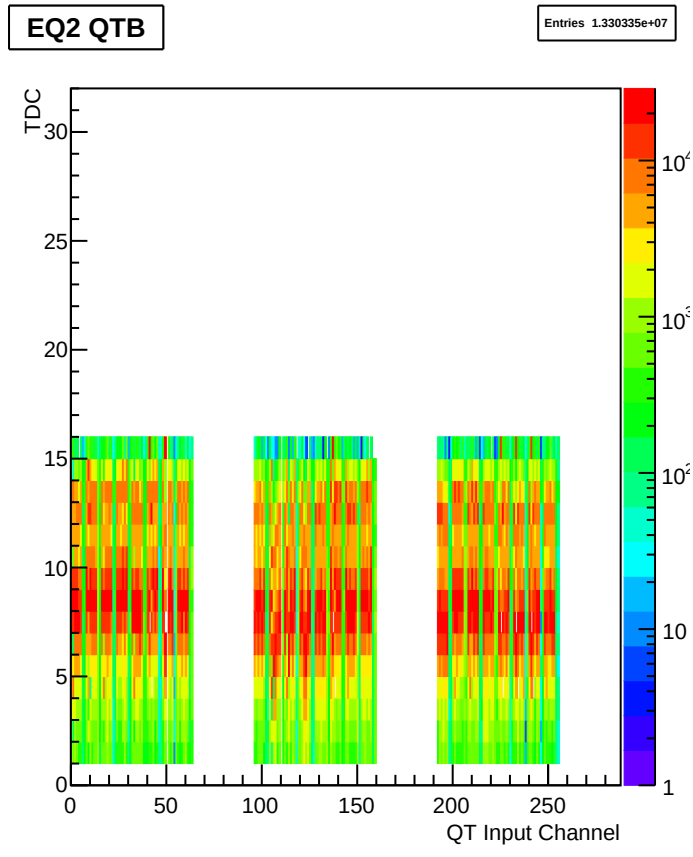

EQ1 QTB
Entries 3.972586e+07
ADC
QT Input Channel

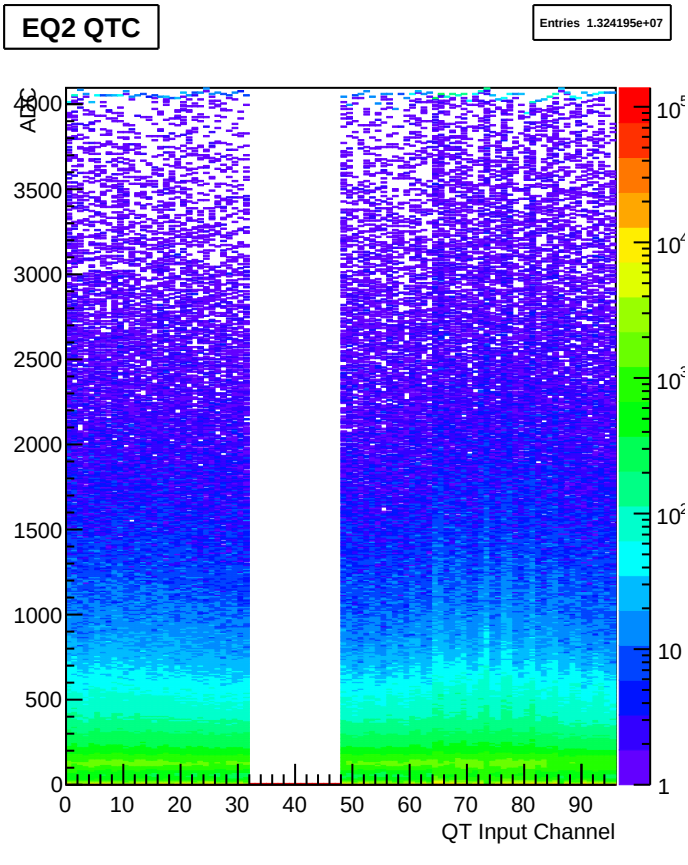

EQ1 QTB
Entries 1.351414e+07
TDC
QT Input Channel

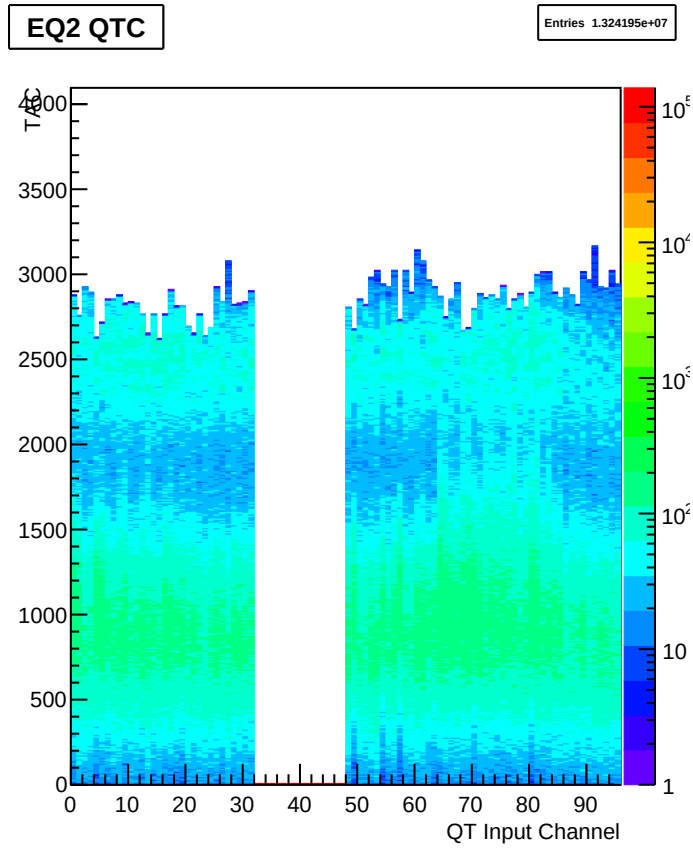

EQ1 QTC
Entries 1.324195e+07
ADC
QT Input Channel

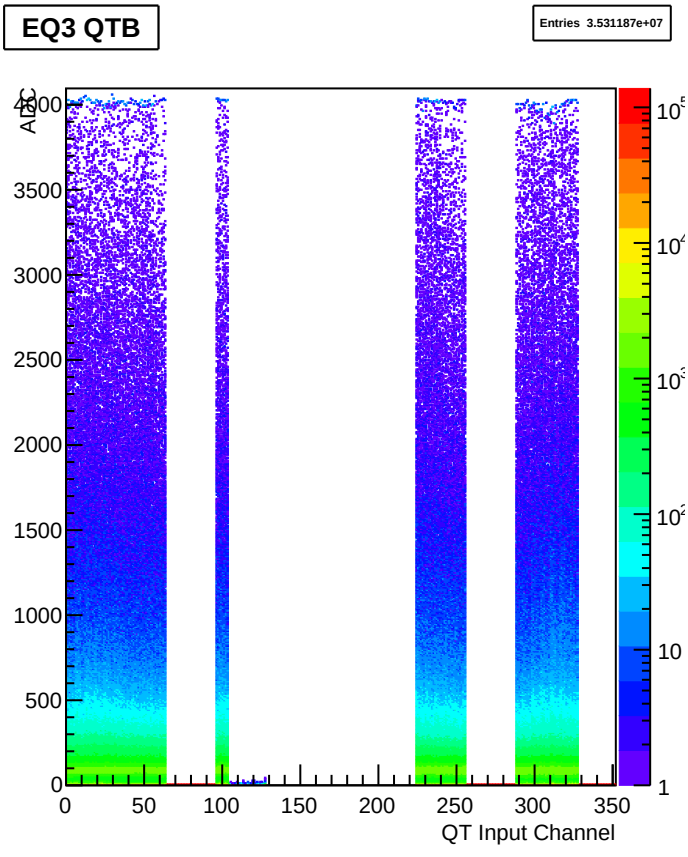

EQ1 QTC
Entries 1.324195e+07
TADC
QT Input Channel

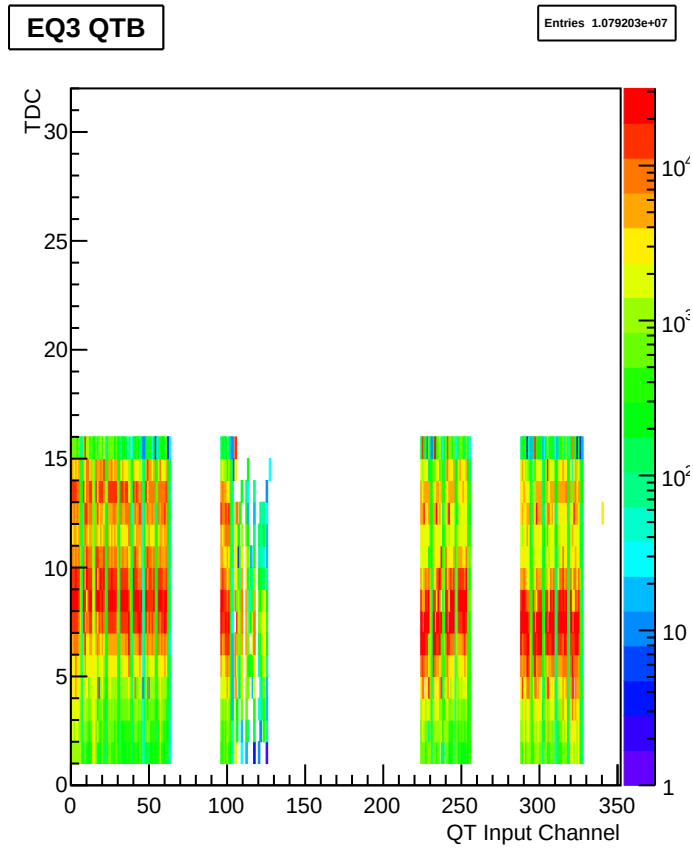

EQ2 QTB
Entries 3.972586e+07
ADC
QT Input Channel

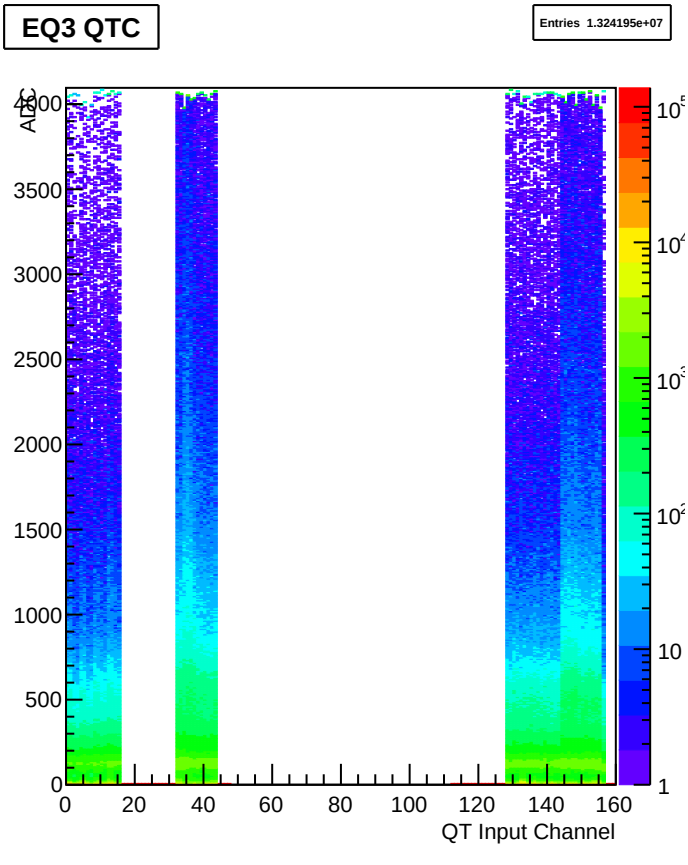

EQ2 QTB
Entries 1.330335e+07
TDC
QT Input Channel

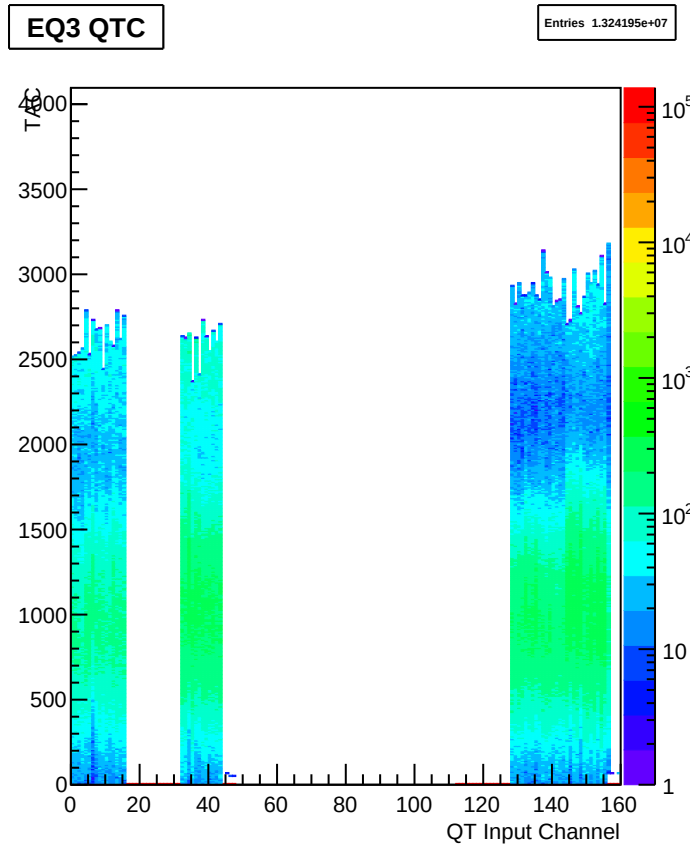

EQ2 QTC
Entries 1.324195e+07
ADC
QT Input Channel

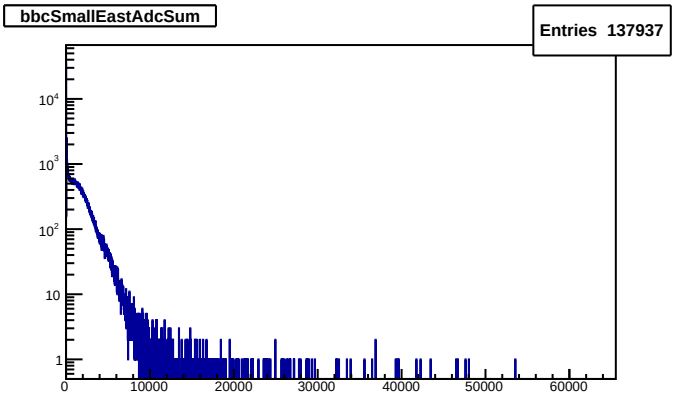

EQ2 QTC
Entries 1.324195e+07
TADC
QT Input Channel

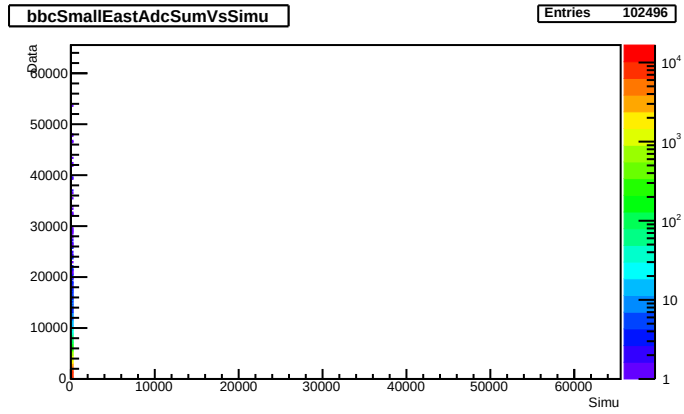

EQ3 QTB
Entries 3.531187e+07
ADC
QT Input Channel

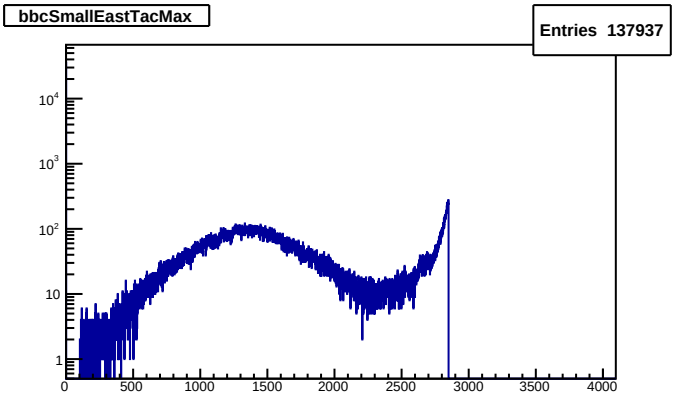

EQ3 QTB
Entries 1.079203e+07
TDC
QT Input Channel

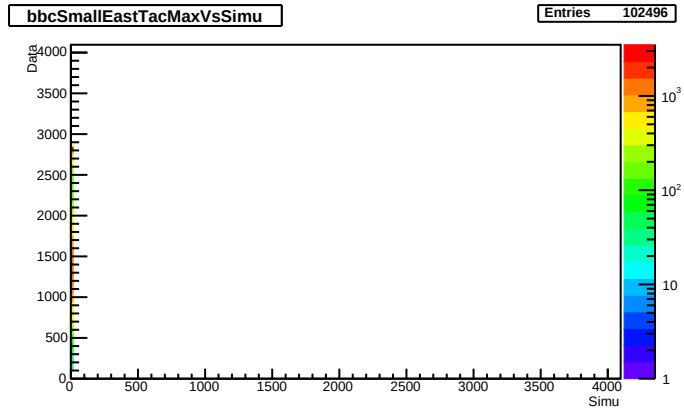

EQ3 QTC
Entries 1.324195e+07
ADC
QT Input Channel

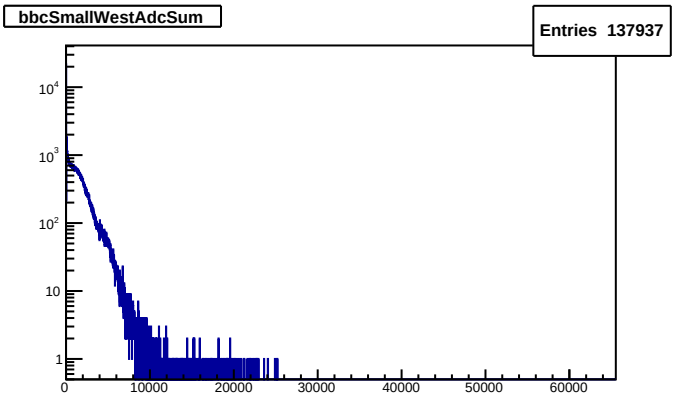

EQ3 QTC
Entries 1.324195e+07
TADC
QT Input Channel

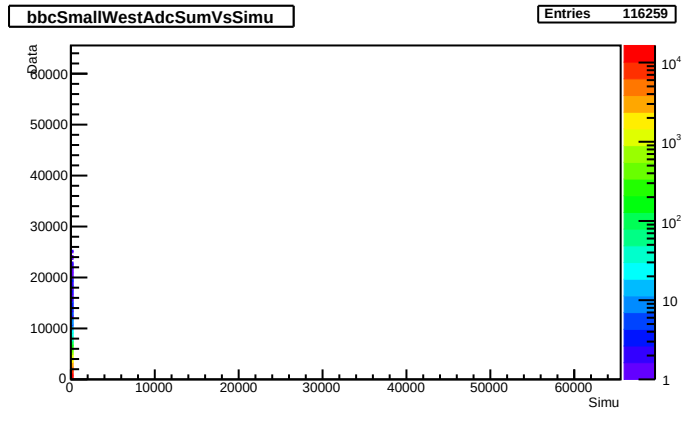

bbcSmallEastAdcSum
Entries 137937

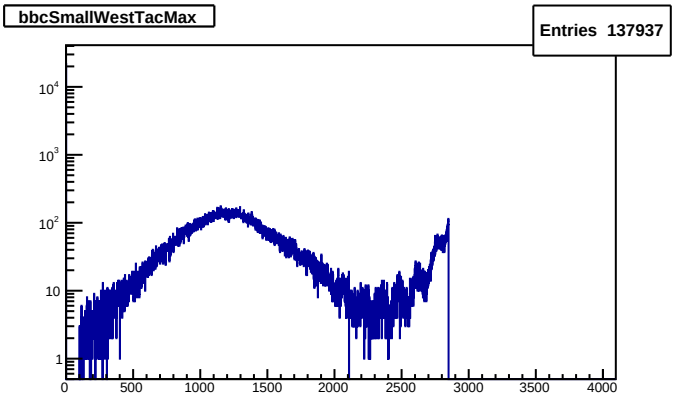

bbcSmallEastAdcSumVsSimu
Entries 102496
Data
Simu

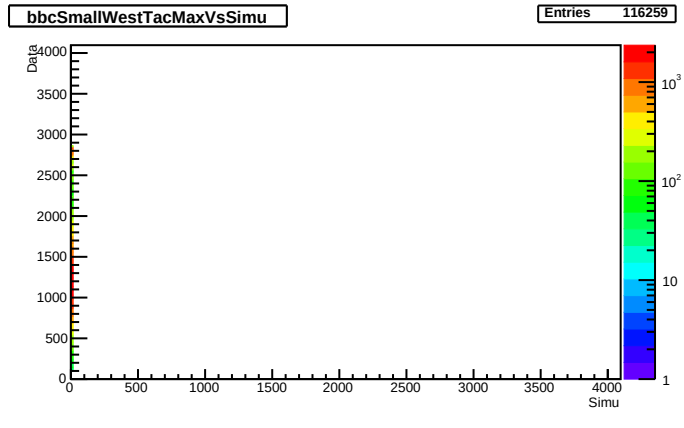

bbcSmallEastTacMax
Entries 137937

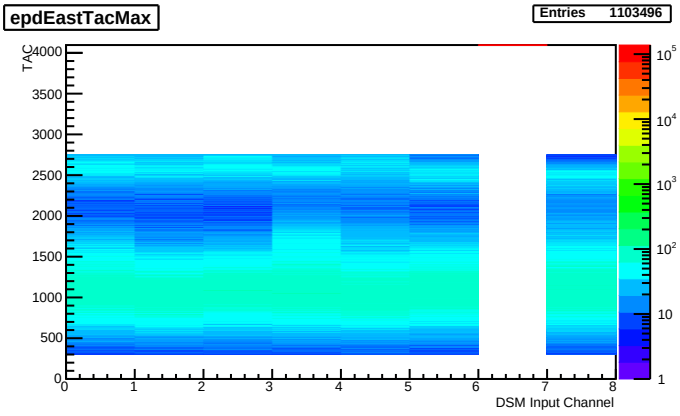

bbcSmallEastTacMaxVsSimu
Entries 102496
Data
Simu

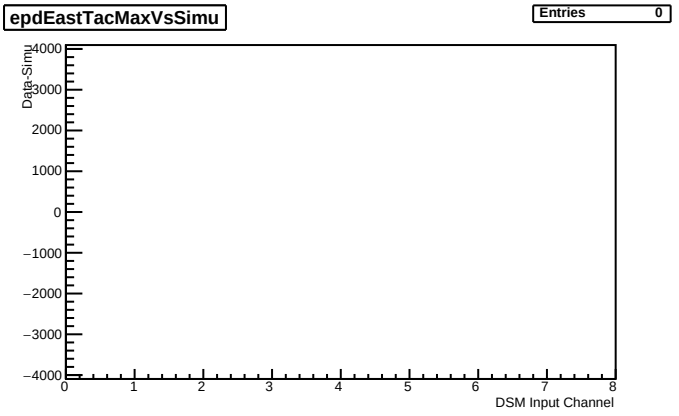

bbcSmallWestAdcSum
Entries 137937

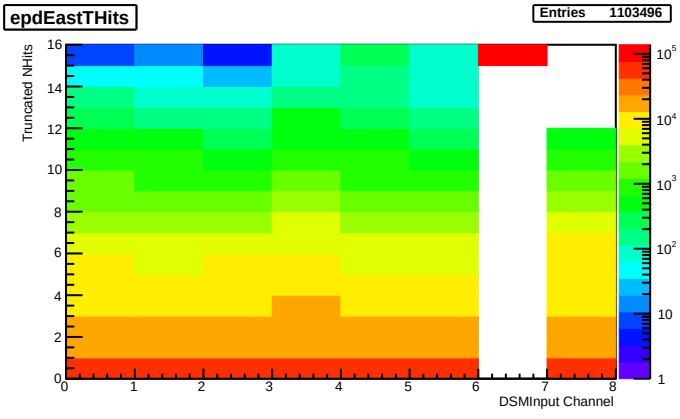

bbcSmallWestAdcSumVsSimu
Entries 116259
Data
Simu

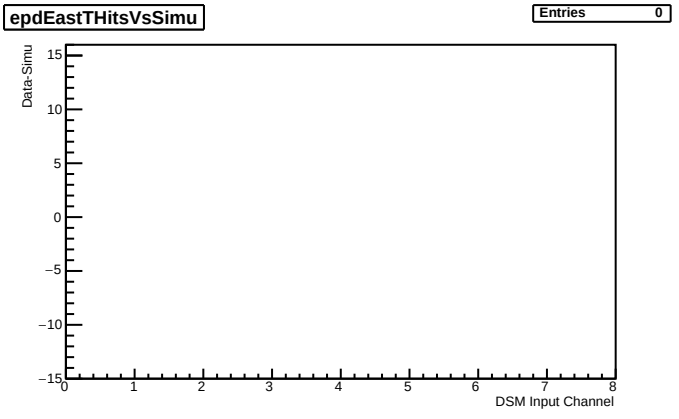

bbcSmallWestTacMax
Entries 137937

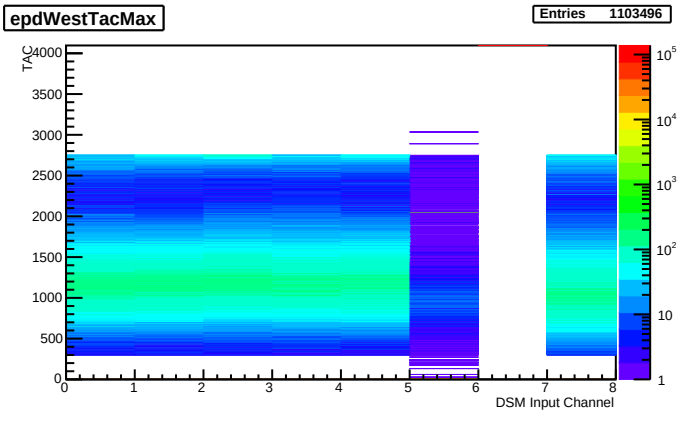

bbcSmallWestTacMaxVsSimu
Entries 116259
Data
Simu

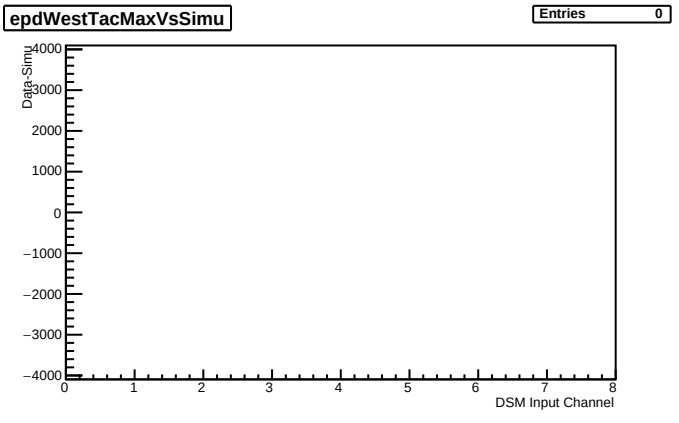

epdEastTacMax
Entries 1103496
TAC
DSM Input Channel

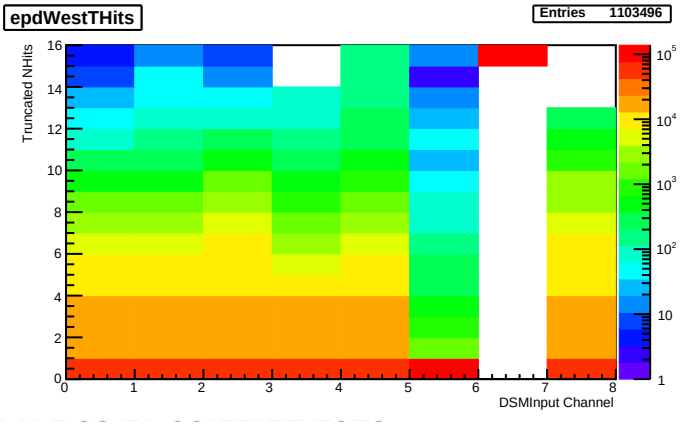

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

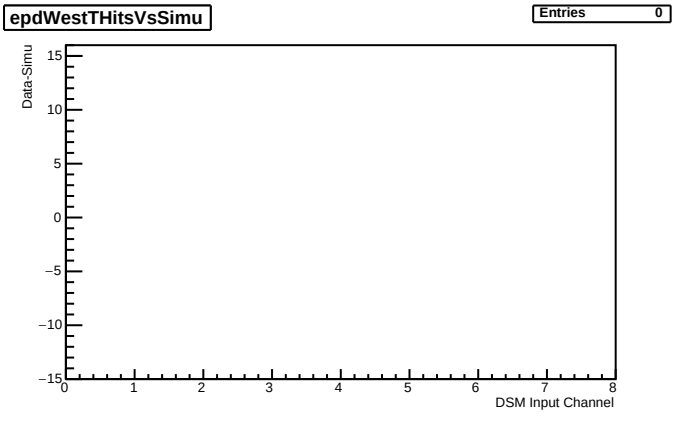

epdEastTHits
Entries 1103496
Truncated NHits
DSMInput Channel

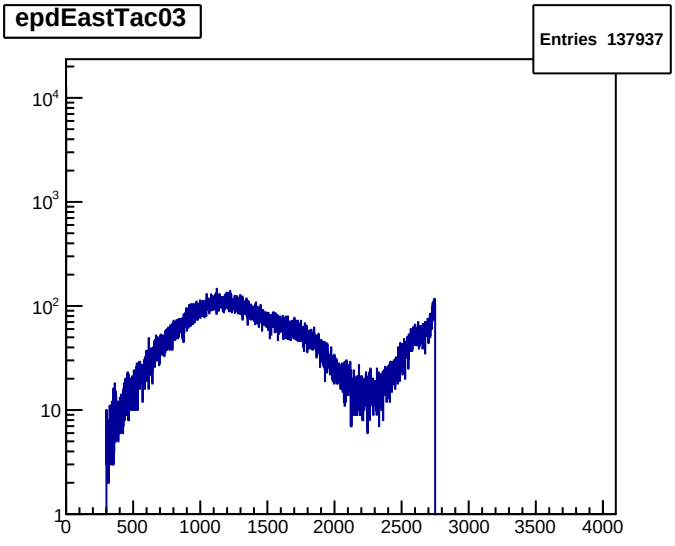

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

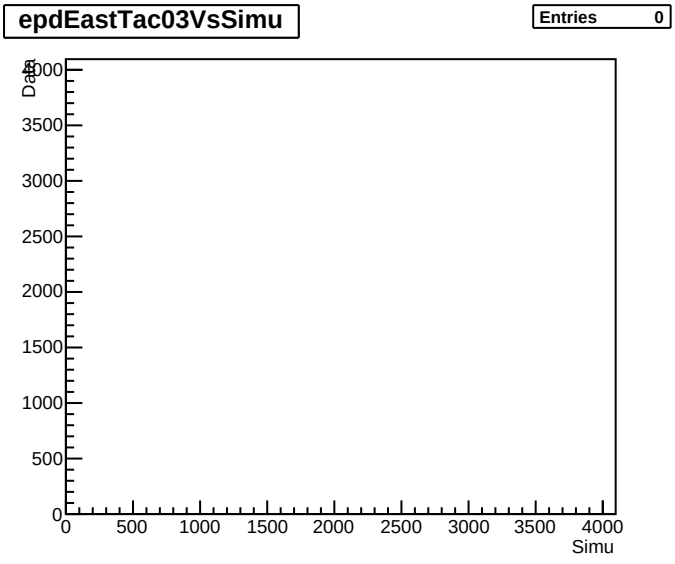

epdWestTacMax
Entries 1103496
TAC
DSM Input Channel

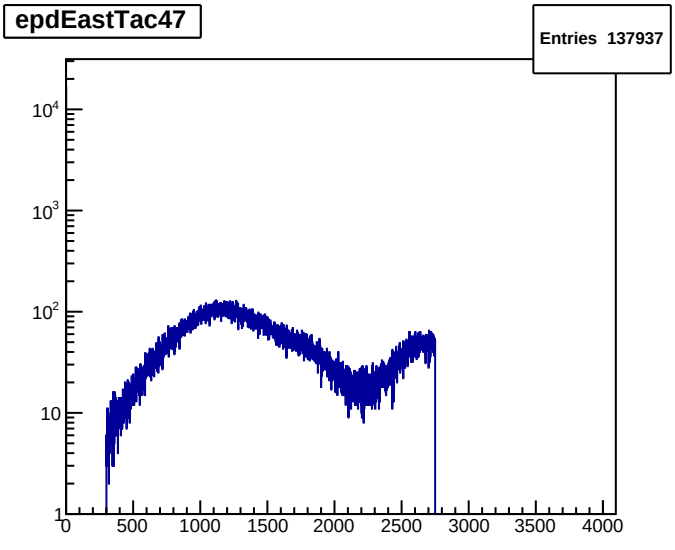

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

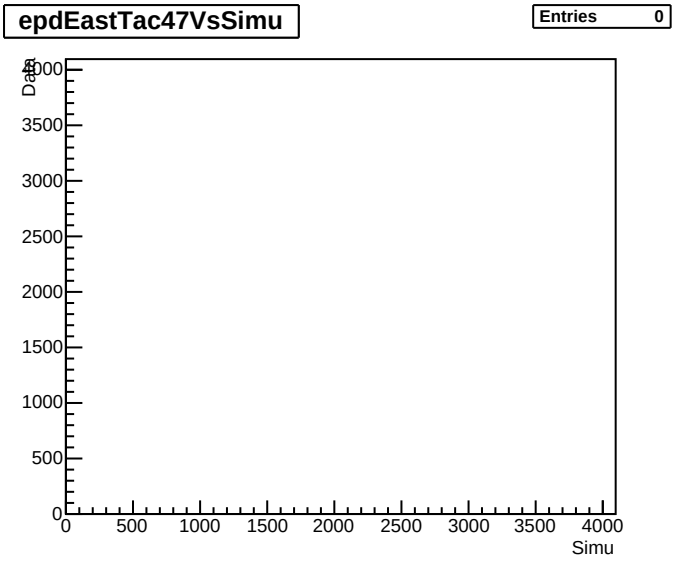

epdWestTHits
Entries 1103496
Truncated NHits
DSMInput Channel

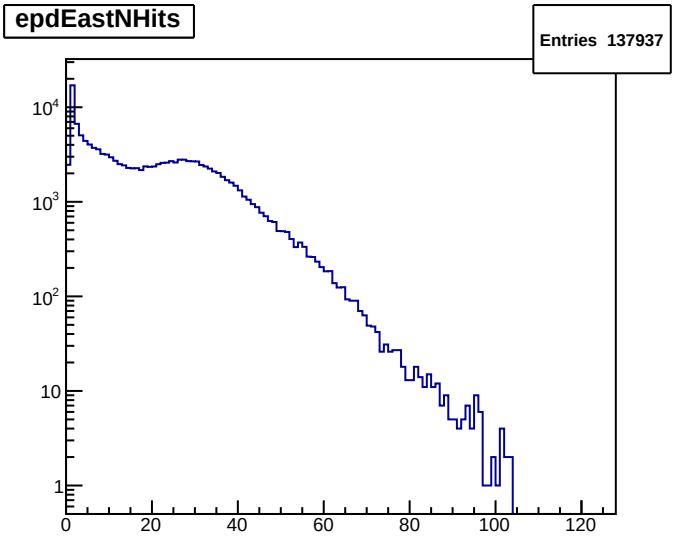

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

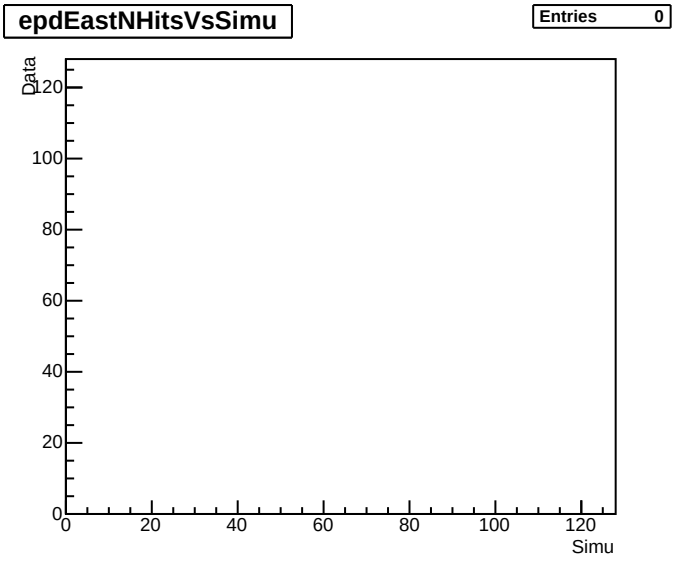

epdEastTac03
Entries 137937

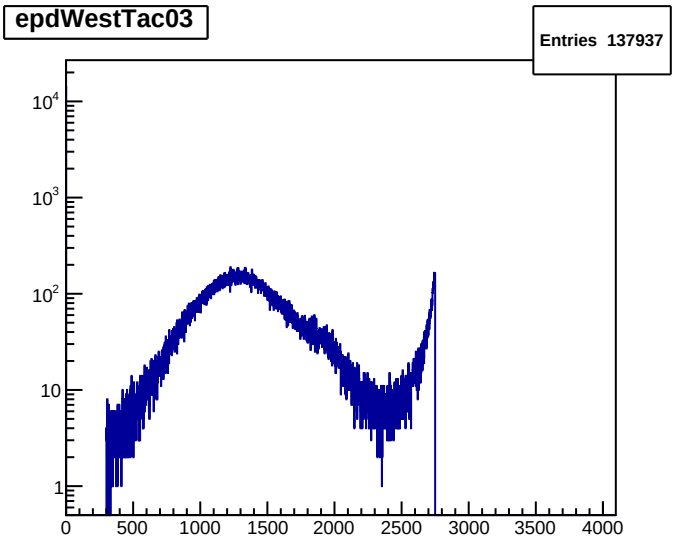

epdEastTac03VsSimu
Entries 0
Data
Simu

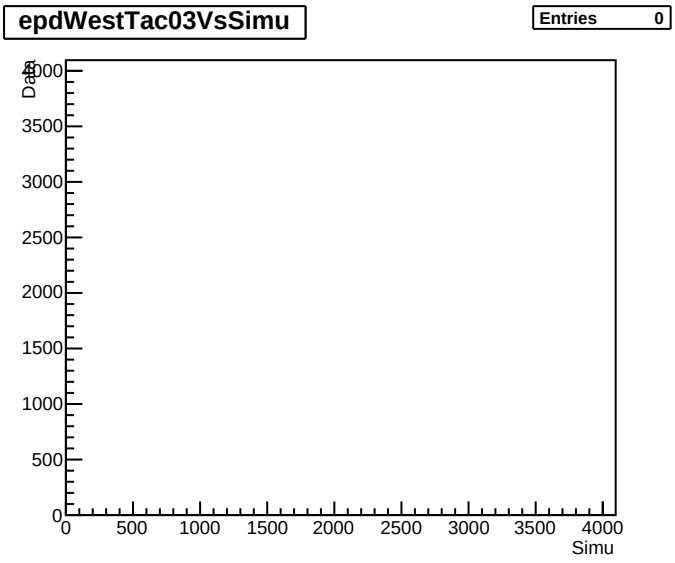

epdEastTac47
Entries 137937

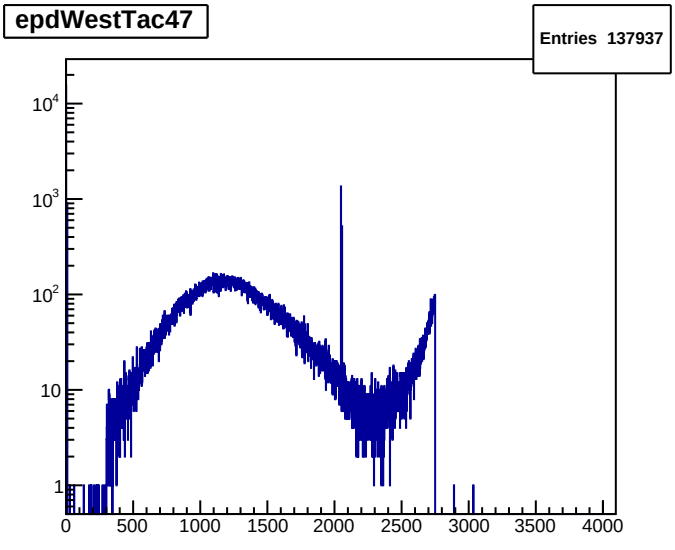

epdEastTac47VsSimu
Entries 0
Data
Simu

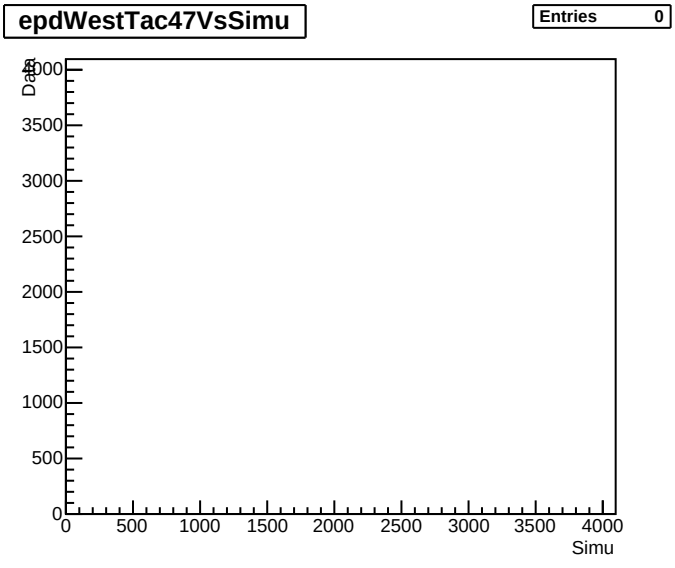

epdEastNHits
Entries 137937

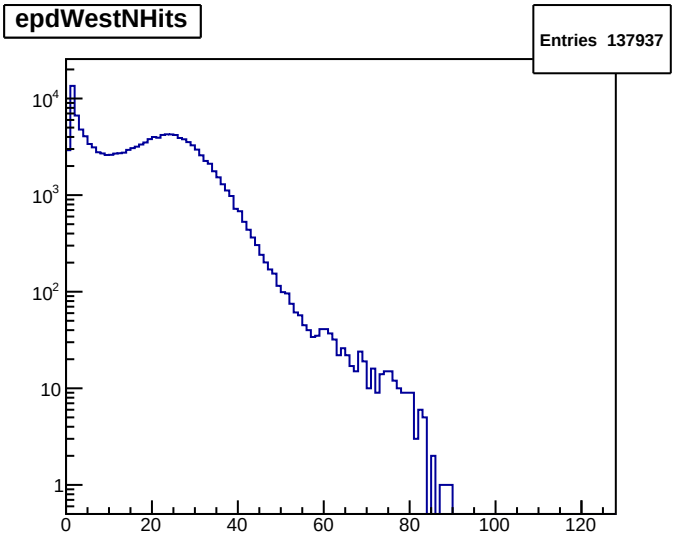

epdEastNHitsVsSimu
Entries 0
Data
Simu

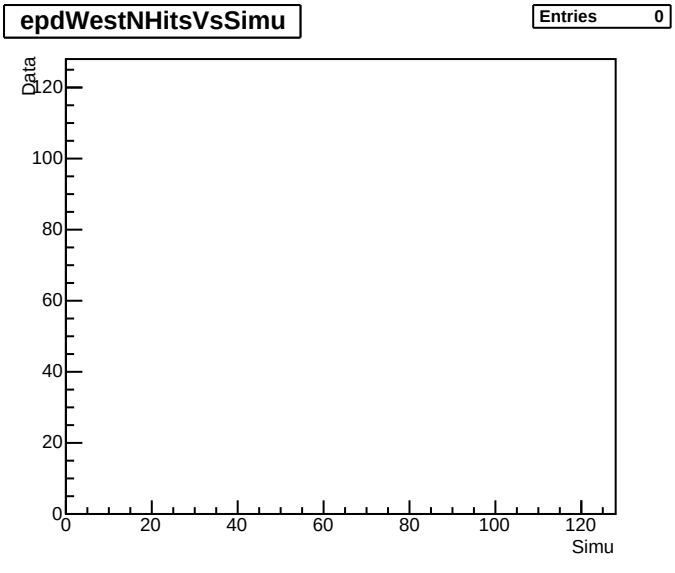

epdWestTac03
Entries 137937

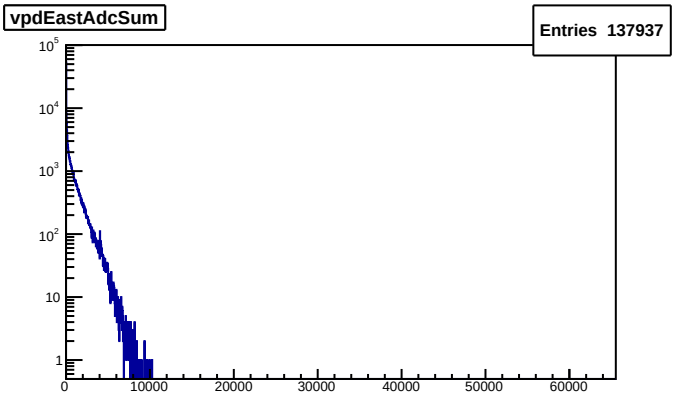

epdWestTac03VsSimu
Entries 0
Data
Simu

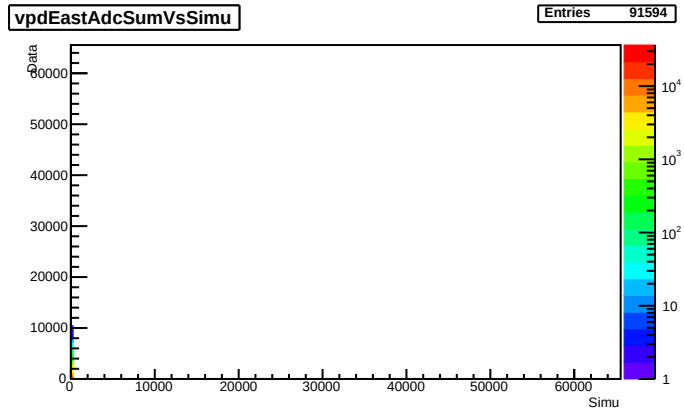

epdWestTac47
Entries 137937

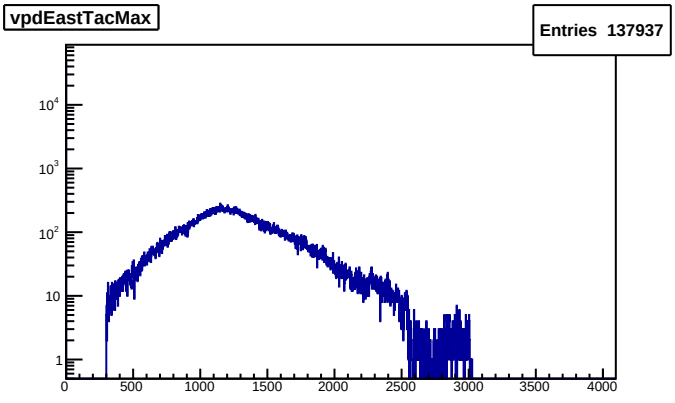

epdWestTac47VsSimu
Entries 0
Data
Simu

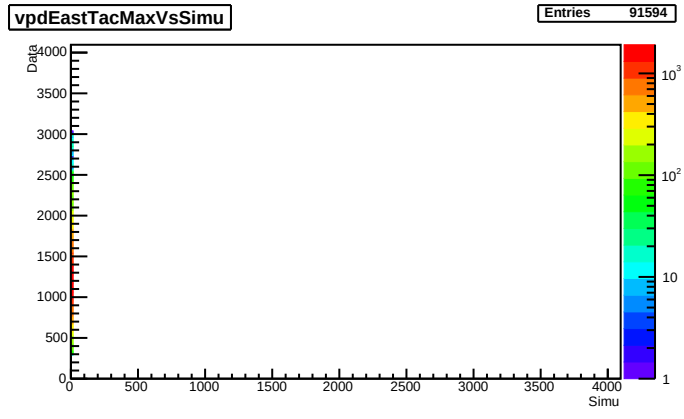

epdWestNHits
Entries 137937

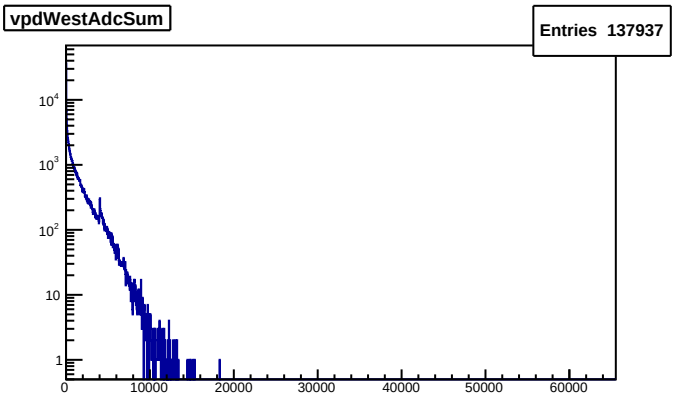

epdWestNHitsVsSimu
Entries 0
Data
Simu

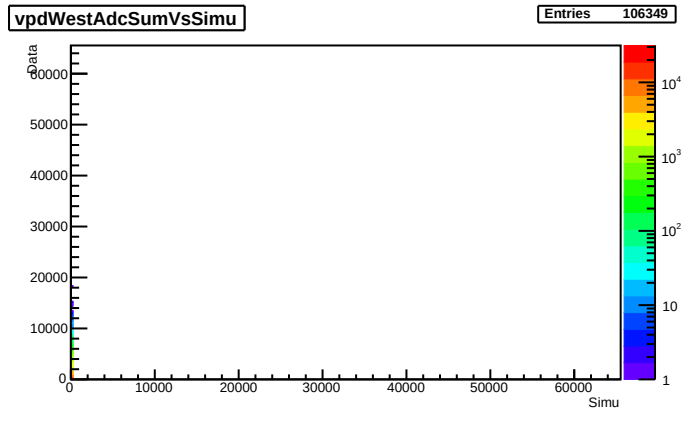

vpdEastAdcSum
Entries 137937

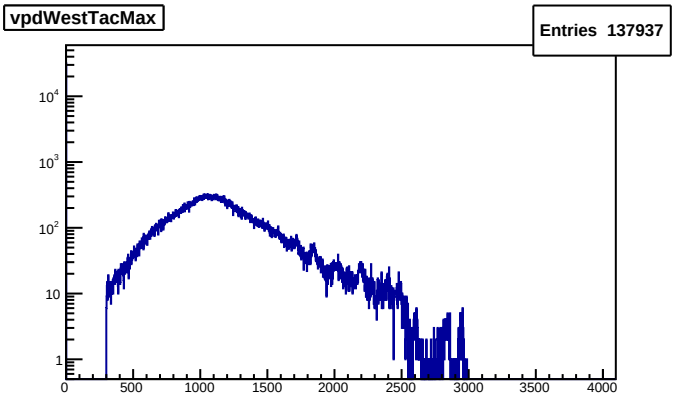

vpdEastAdcSumVsSimu
Entries 91594
Data
Simu

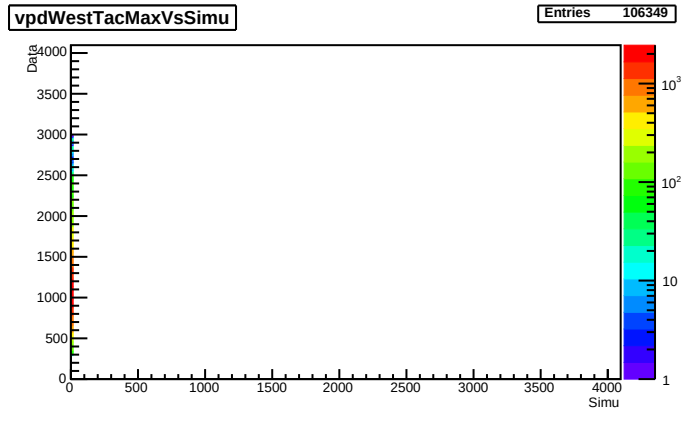

vpdEastTacMax
Entries 137937

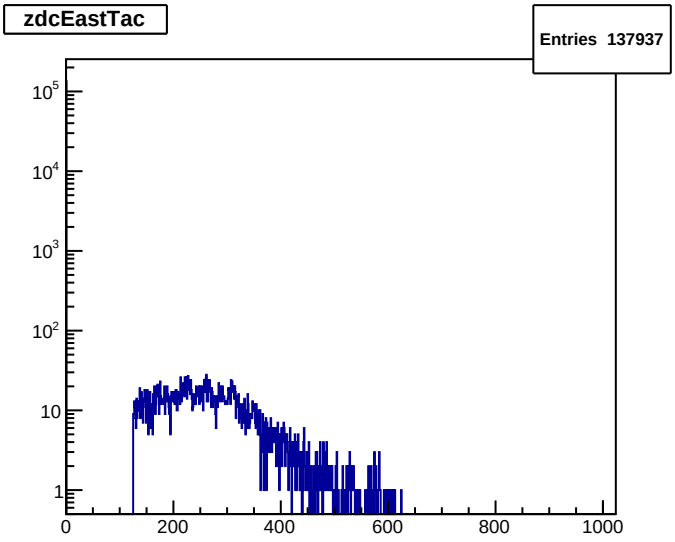

vpdEastTacMaxVsSimu
Entries 91594
Data
Simu

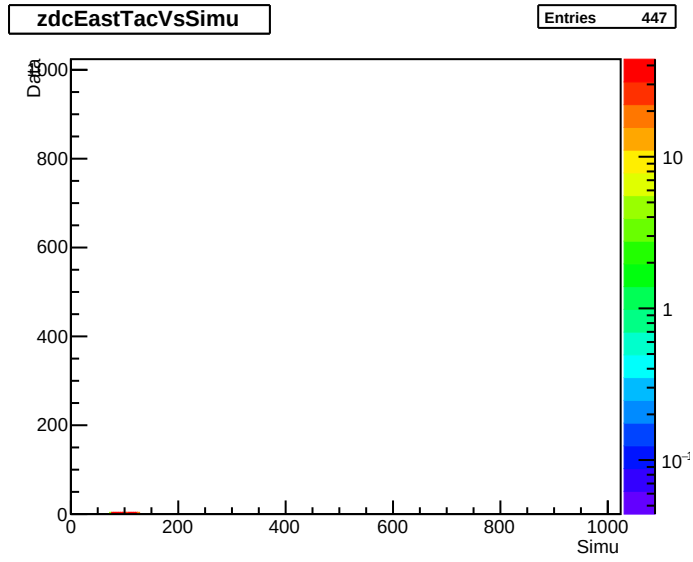

vpdWestAdcSum
Entries 137937

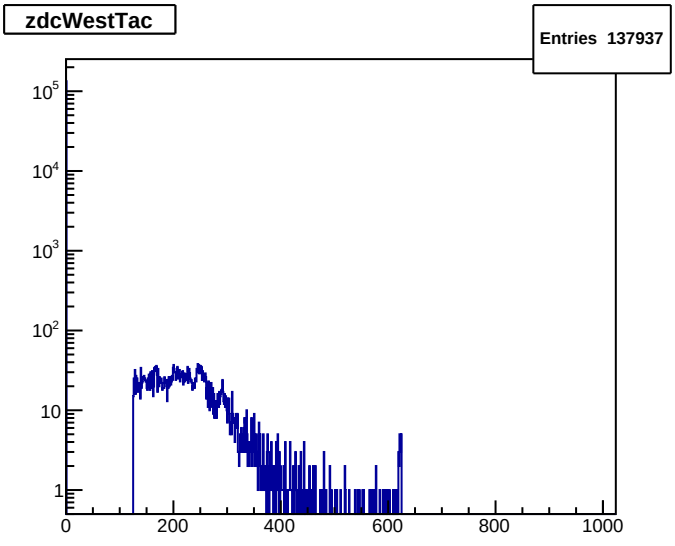

vpdWestAdcSumVsSimu
Entries 106349
Data
Simu

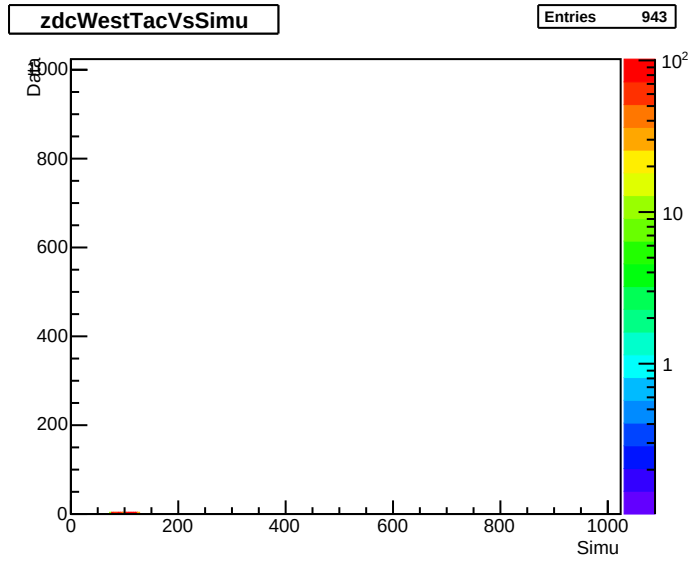

vpdWestTacMax
Entries 137937

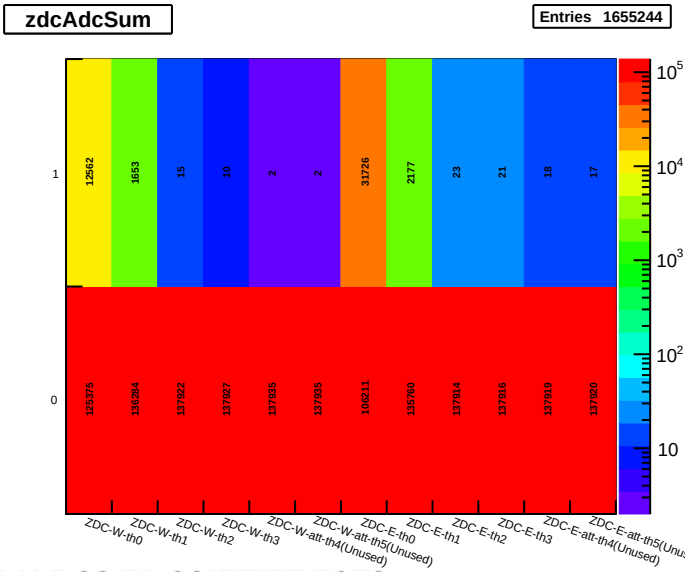

vpdWestTacMaxVsSimu
Entries 106349
Data
Simu

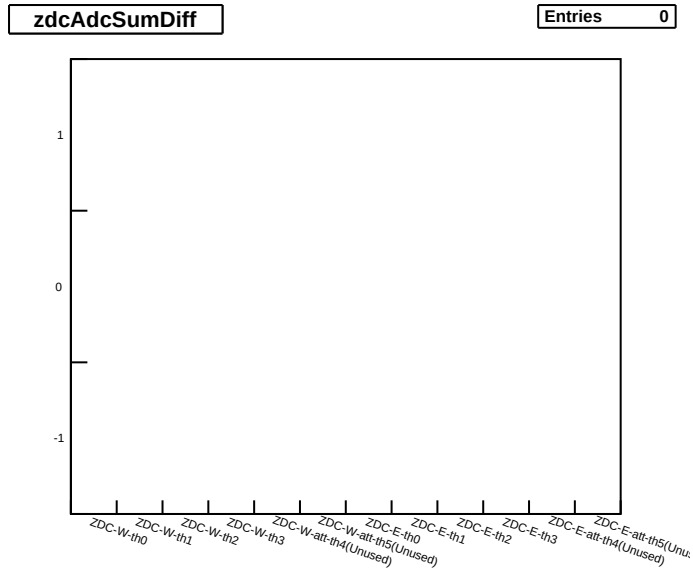

zdcEastTac
Entries 137937

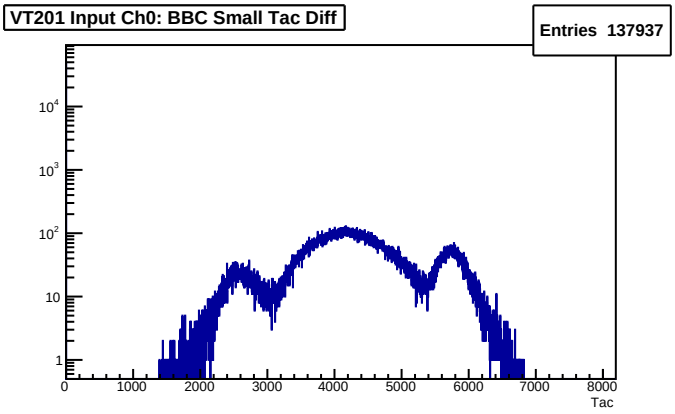

zdcEastTacVsSimu
Entries 447
Data
Simu

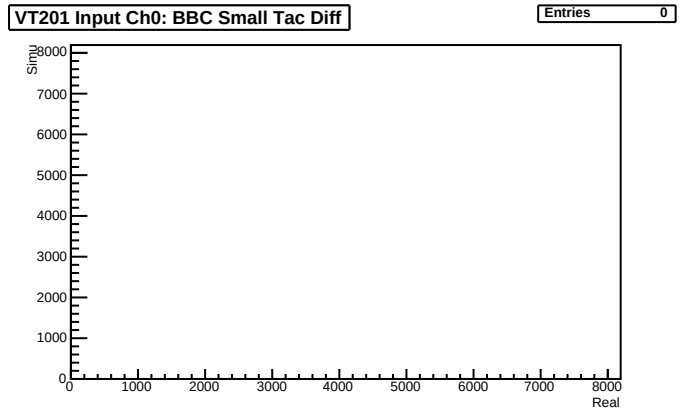

zdcWestTac
Entries 137937

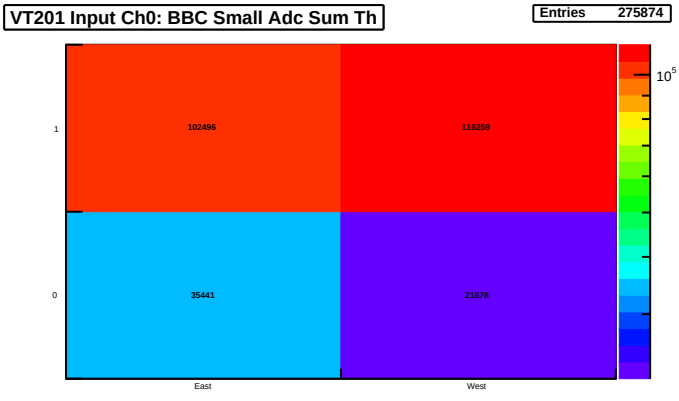

zdcWestTacVsSimu
Entries 943
Data
Simu

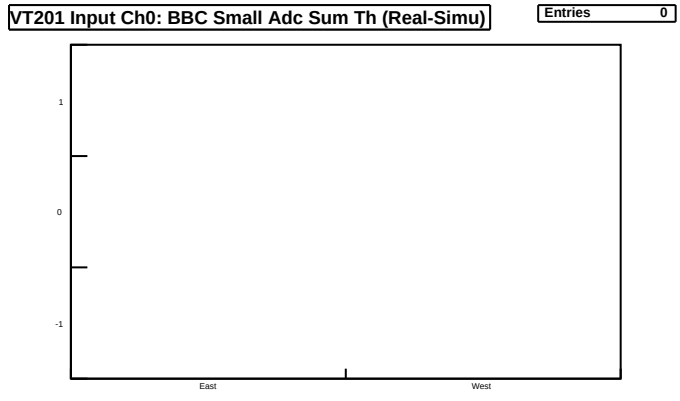

zdcAdcSum
Entries 1655244
12562
1653
15
10
2
2
31726
2177
23
21
18
17
125375
136284
137922
137927
137935
137935
106211
135760
137914
137916
137919
137920
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

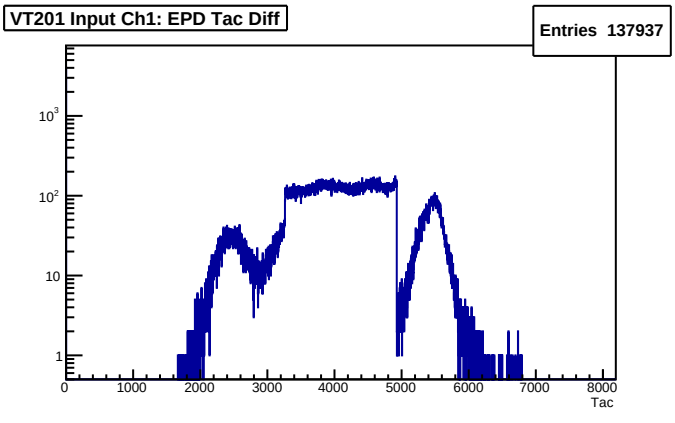

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

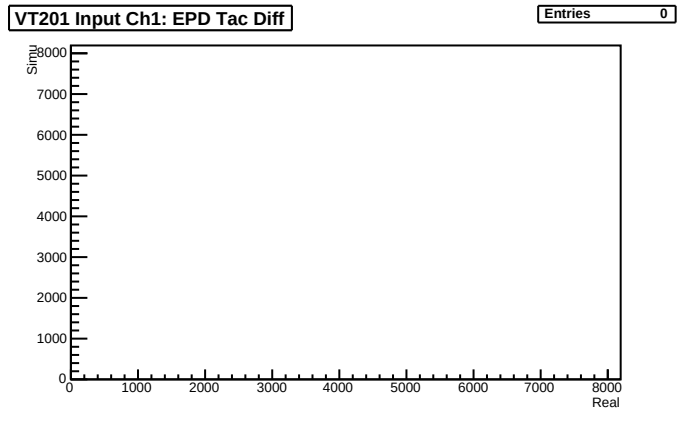

VT201 Input Ch0: BBC Small Tac Diff
Entries 137937
Tac

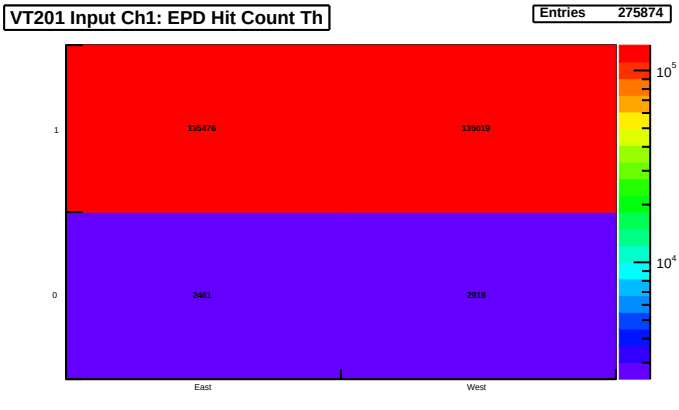

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

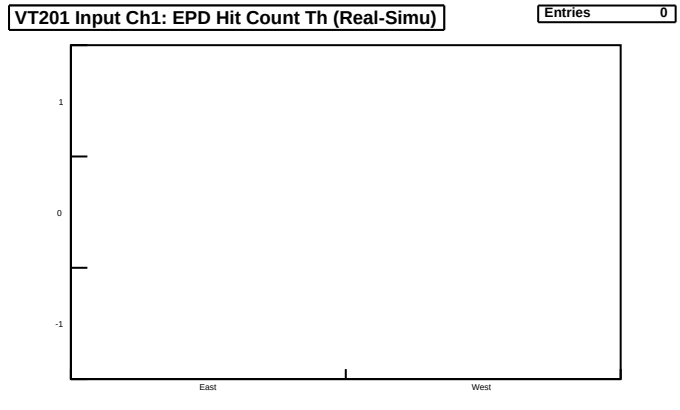

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 275874
102496
116259
35441
21678
East
West

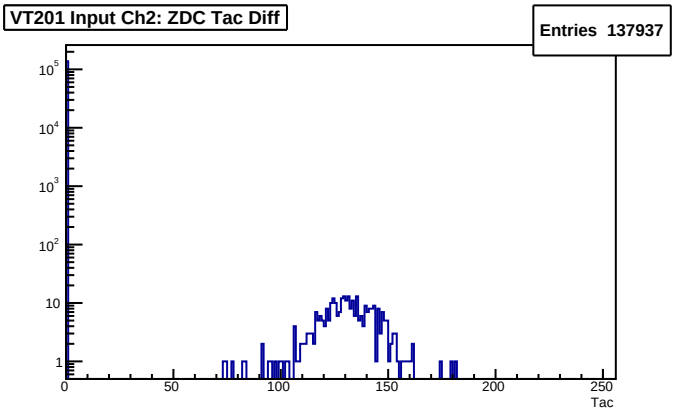

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

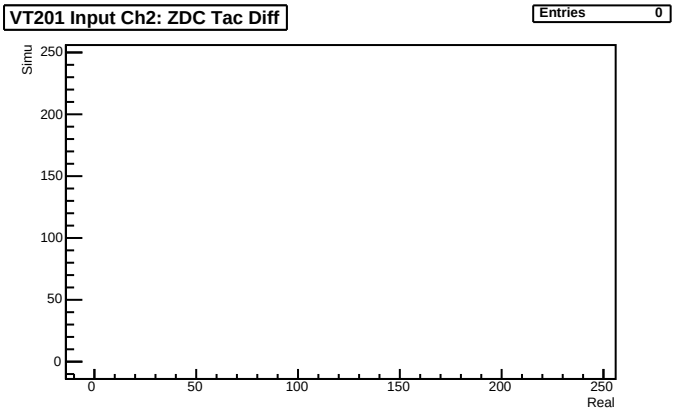

VT201 Input Ch1: EPD Tac Diff
Entries 137937
Tac

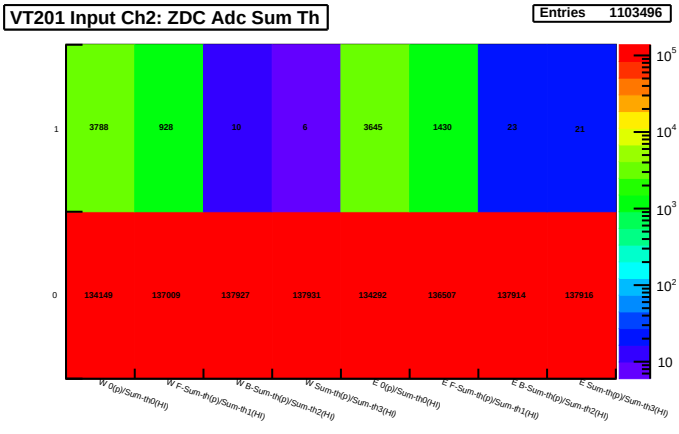

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

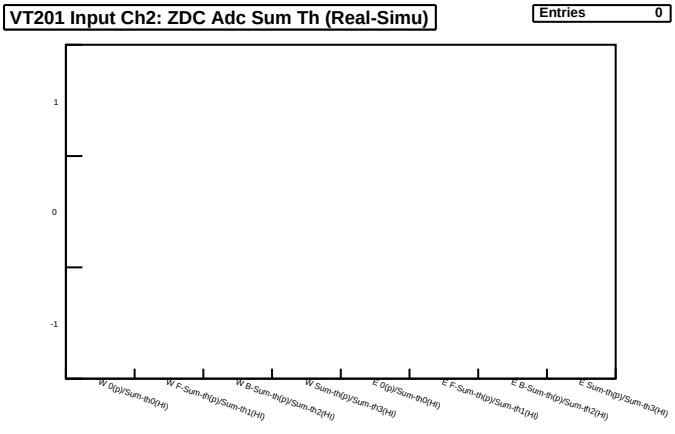

VT201 Input Ch1: EPD Hit Count Th
Entries 275874
135476
135019
2461
2918
East
West

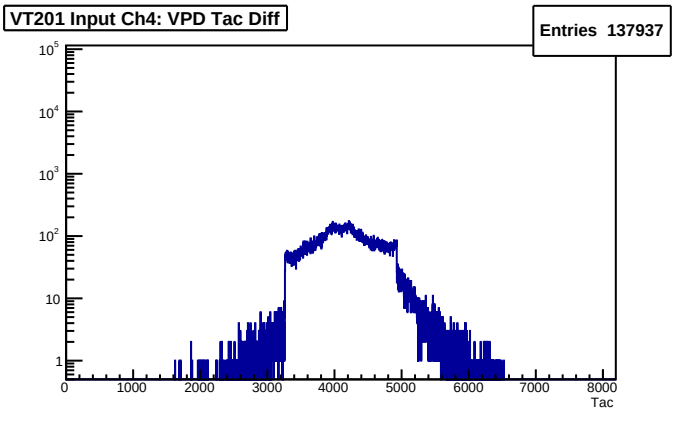

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

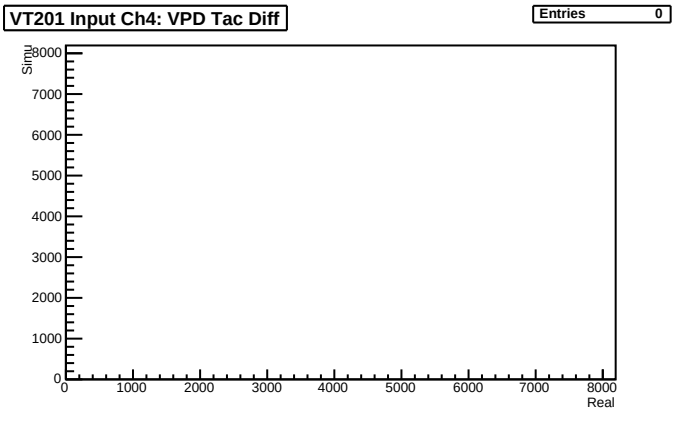

VT201 Input Ch2: ZDC Tac Diff
Entries 137937
Tac

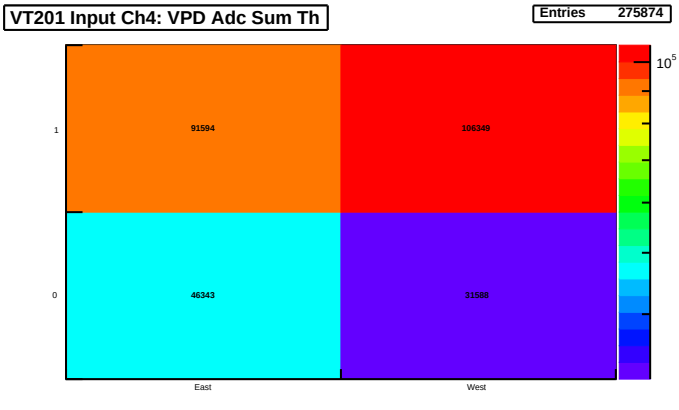

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

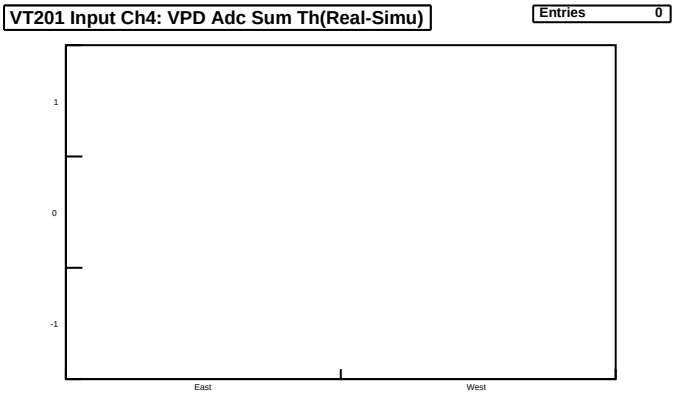

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1103496
3788
928
10
6
3645
1430
23
21
134149
137009
137927
137931
134292
136507
137914
137916
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

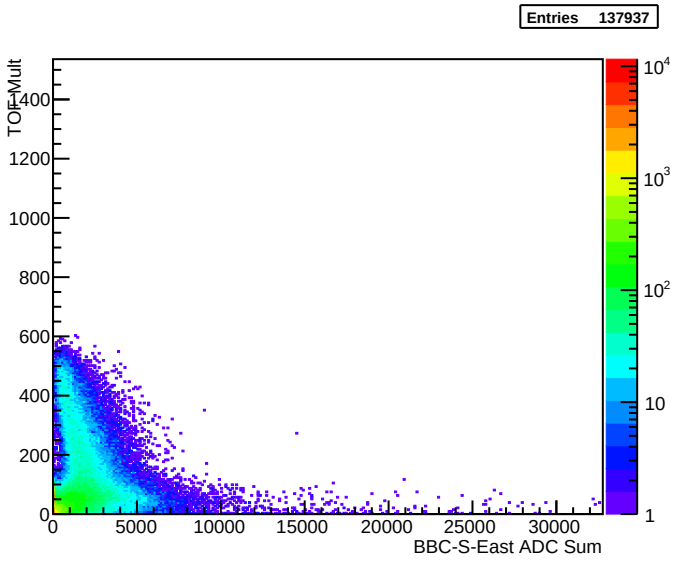

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

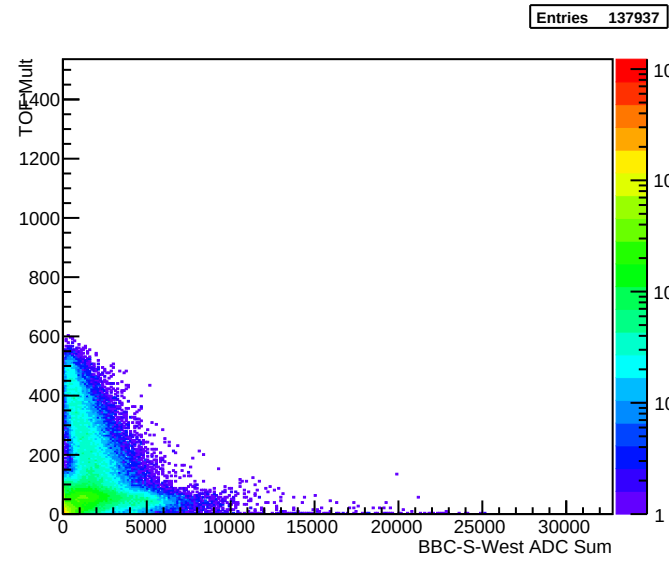

VT201 Input Ch4: VPD Tac Diff
Entries 137937
Tac

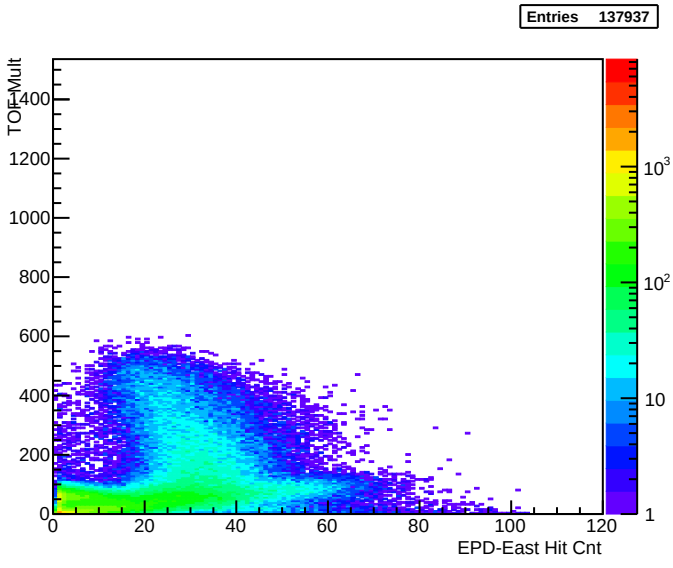

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

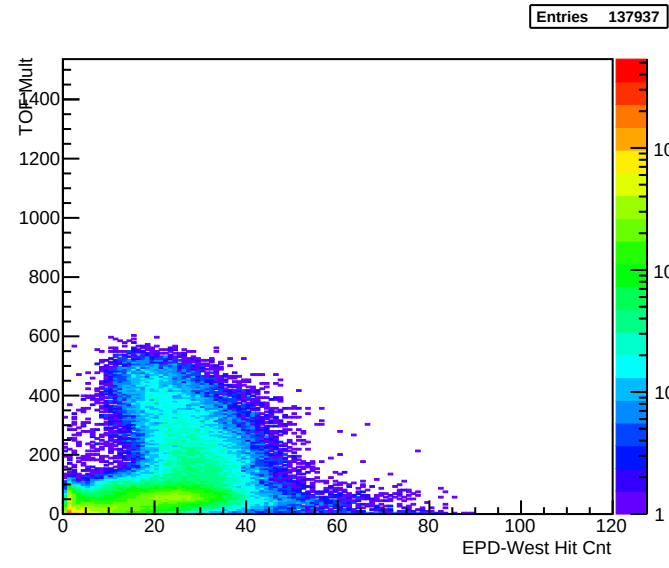

VT201 Input Ch4: VPD Adc Sum Th
Entries 275874
91594
106349
46343
31588
East
West

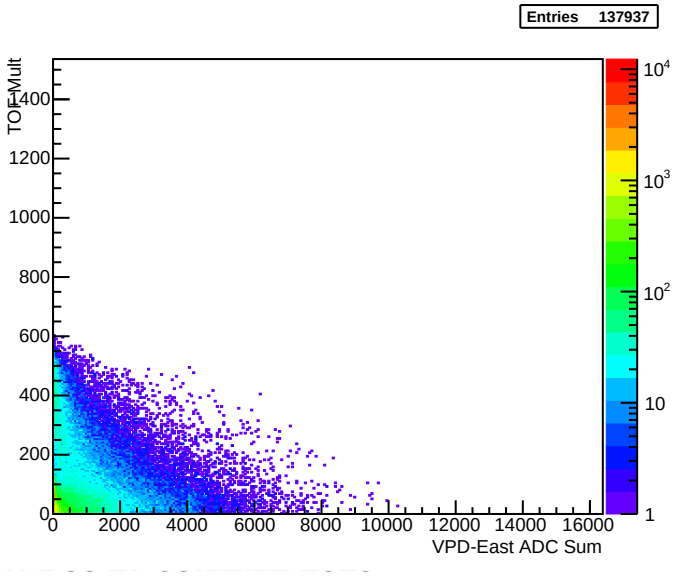

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

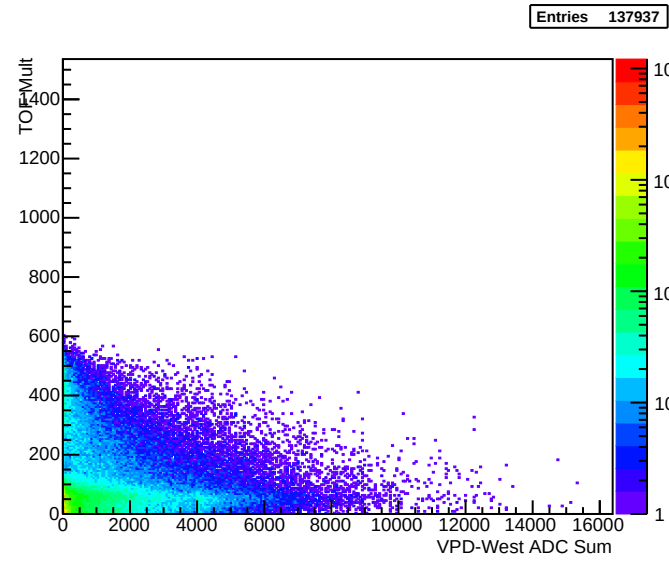

Entries 137937
TOF-Mult
BBC-S-East ADC Sum

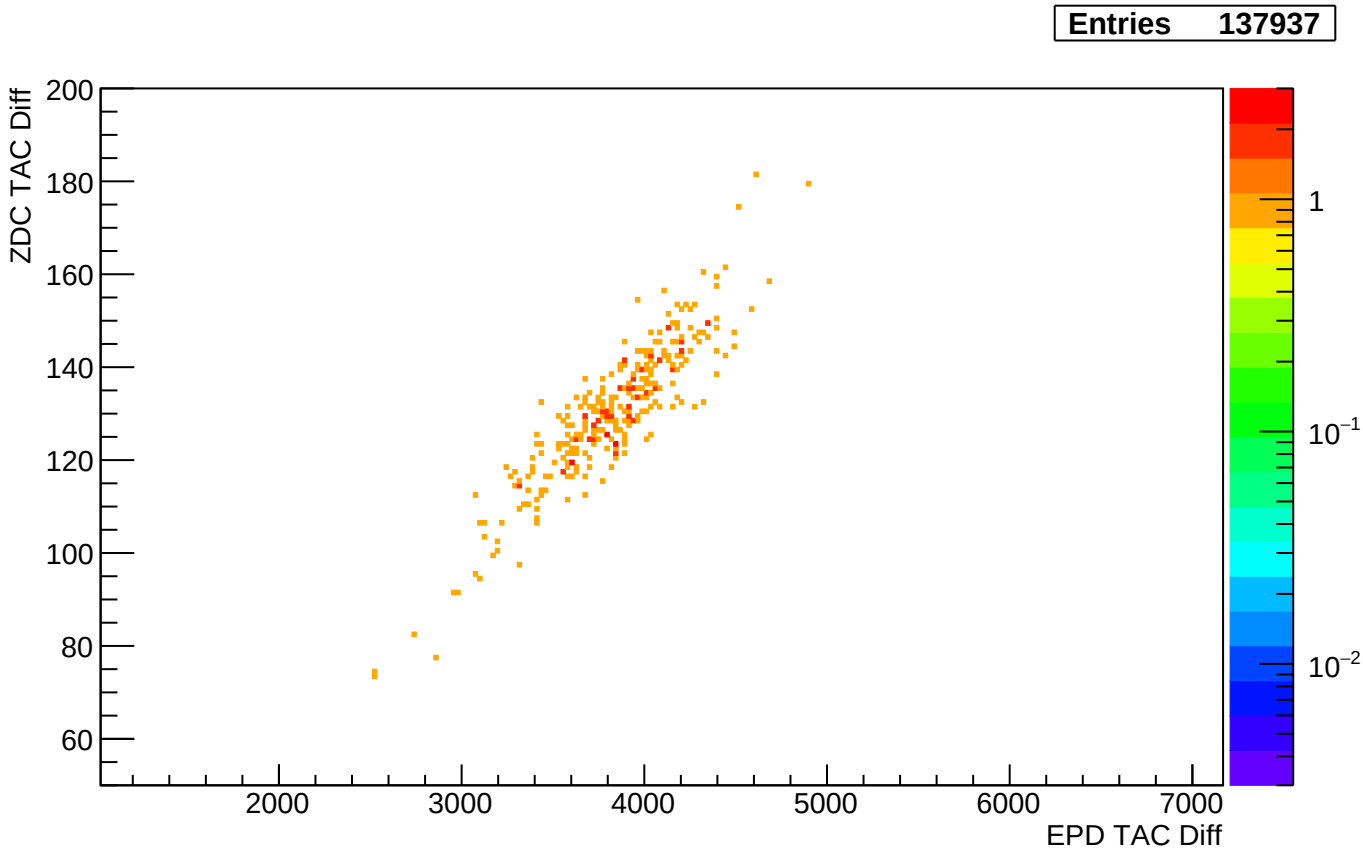

Entries 137937
TOF-Mult
BBC-S-West ADC Sum

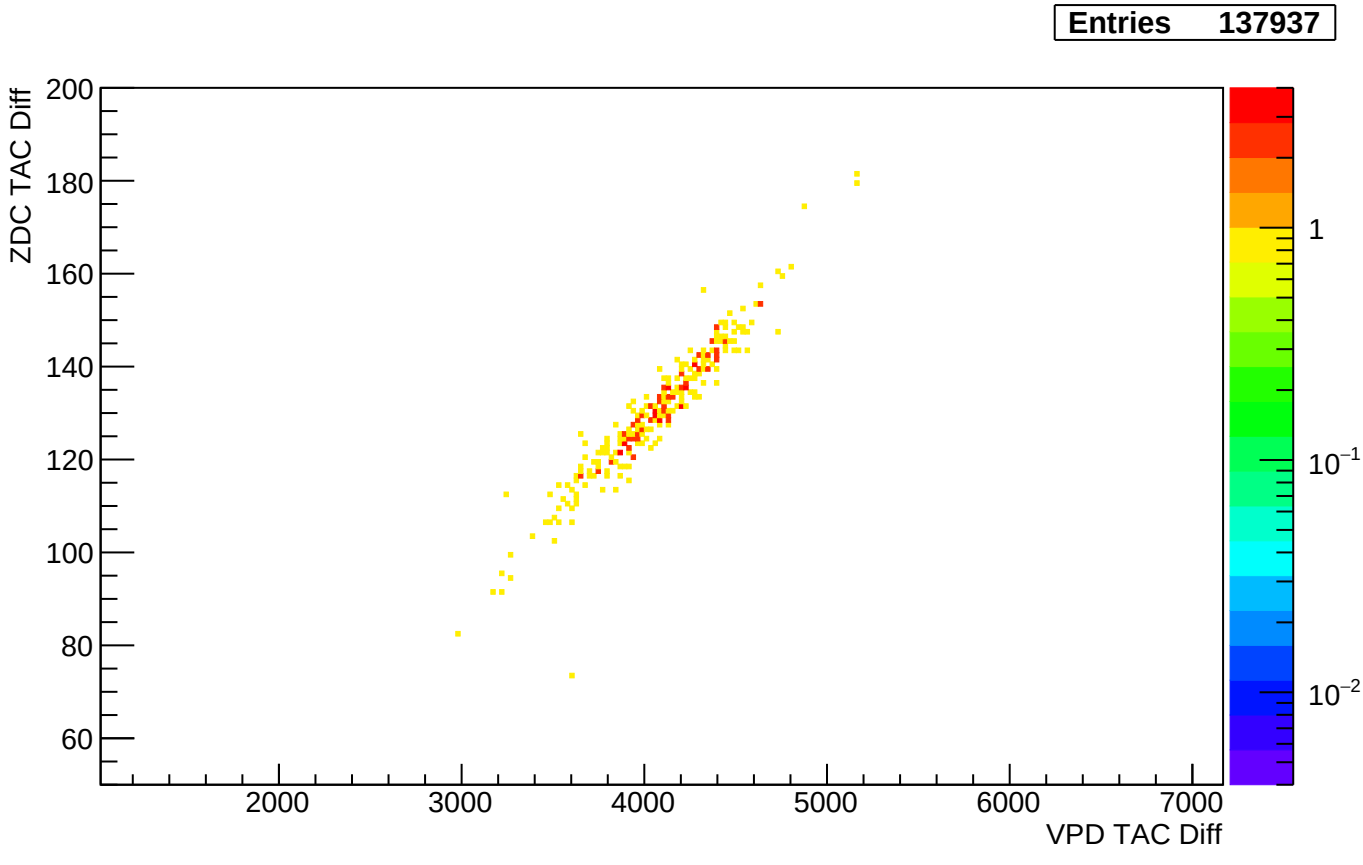

Entries 137937
TOF-Mult
EPD-East Hit Cnt

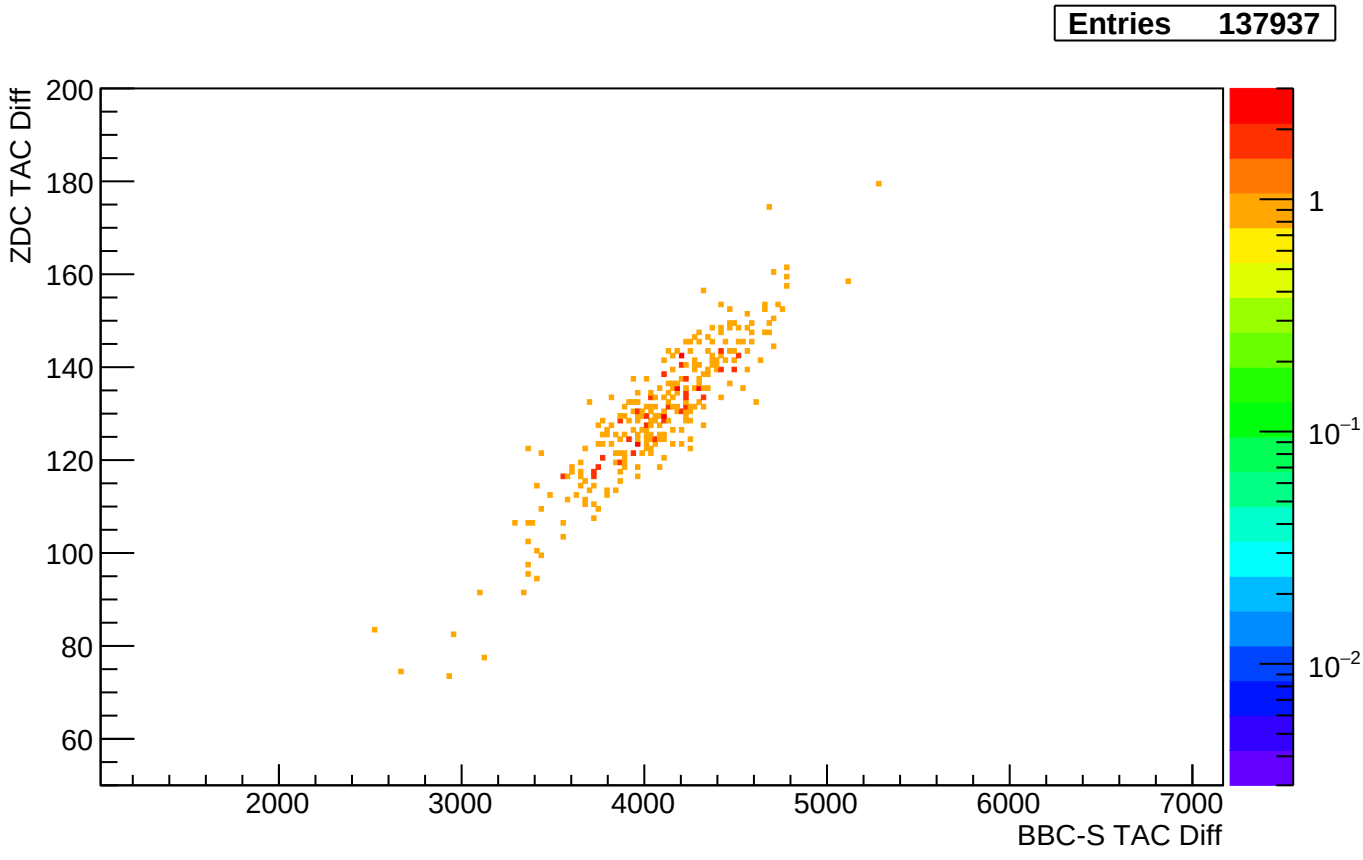

Entries 137937
TOF-Mult
EPD-West Hit Cnt

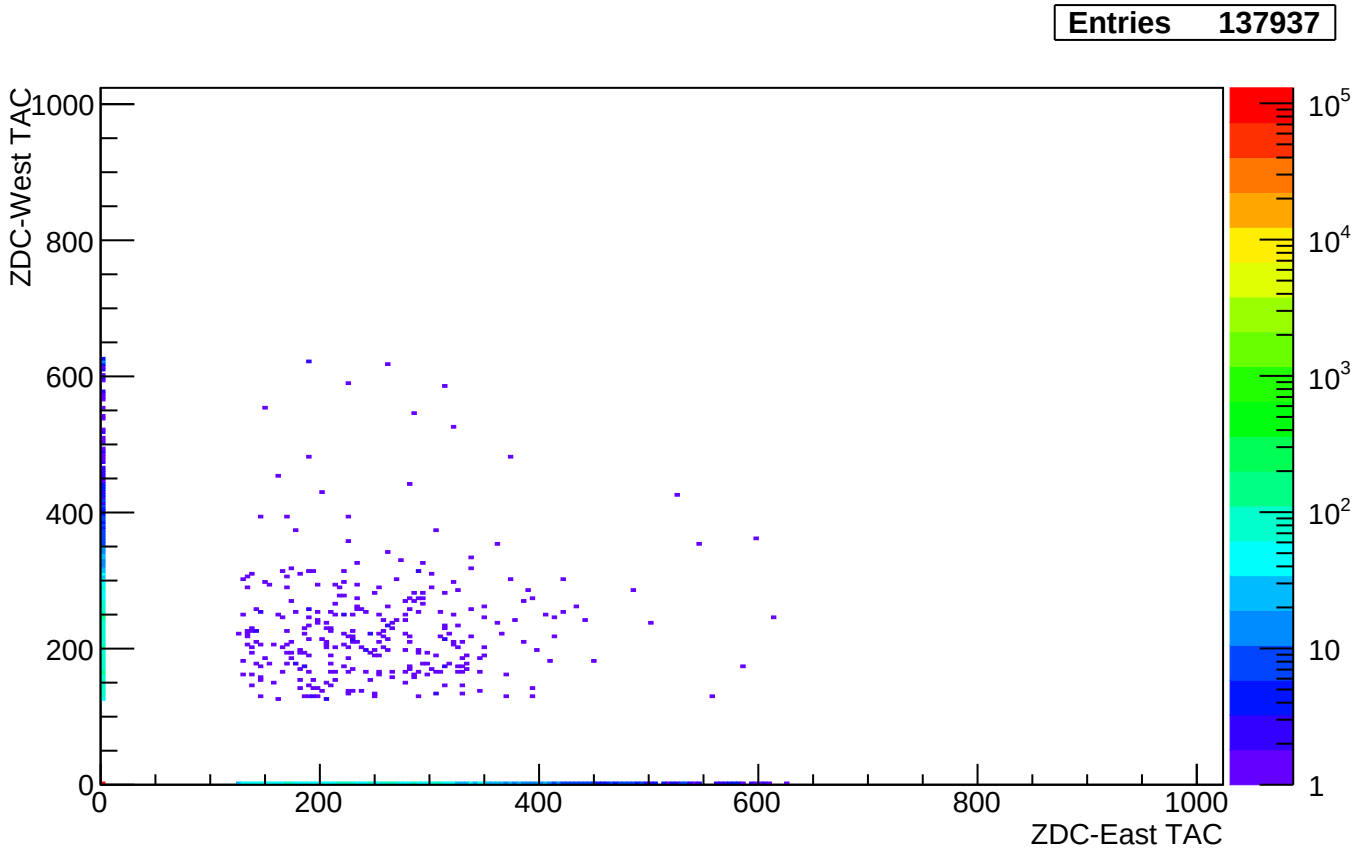

Entries 137937
TOF-Mult
VPD-East ADC Sum

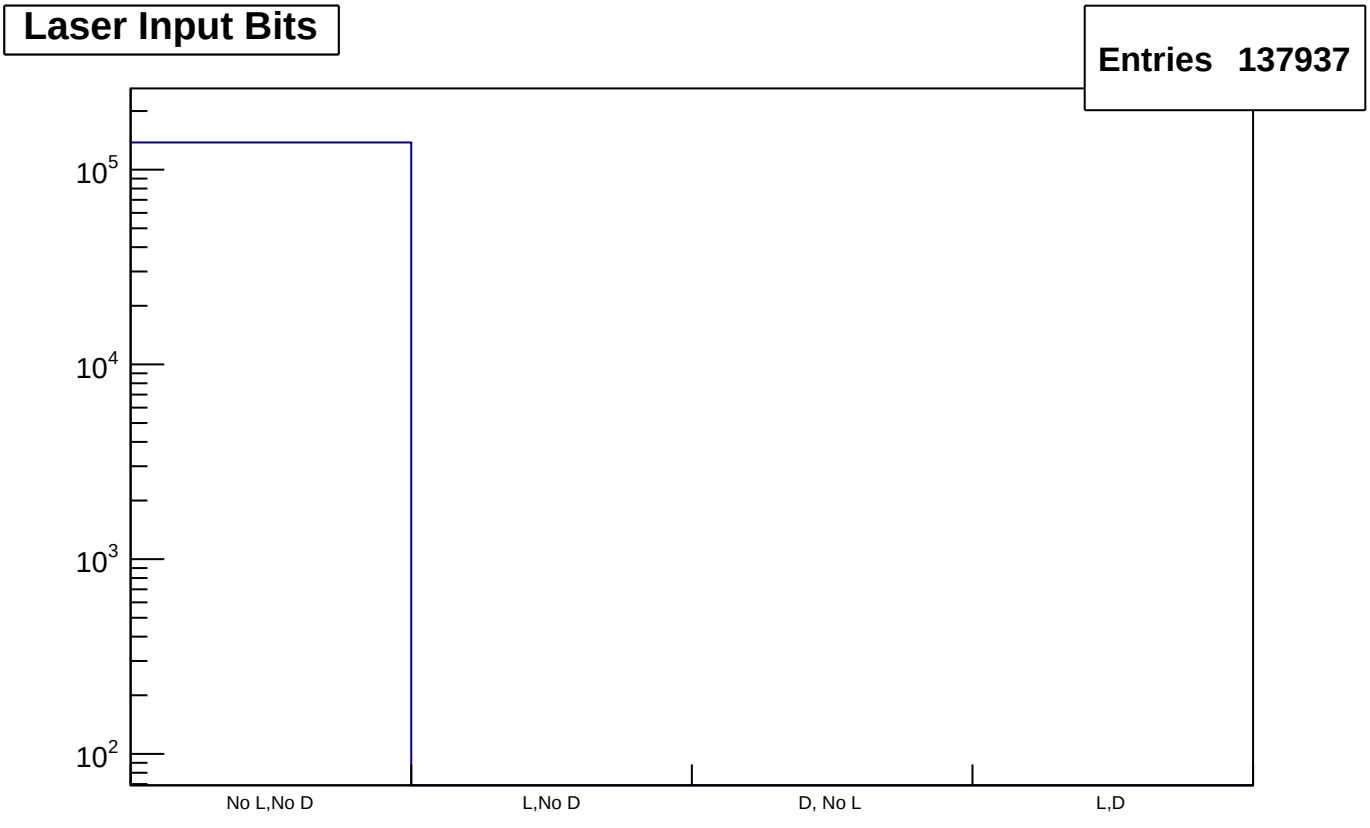

Entries 137937
TOF-Mult
VPD-West ADC Sum

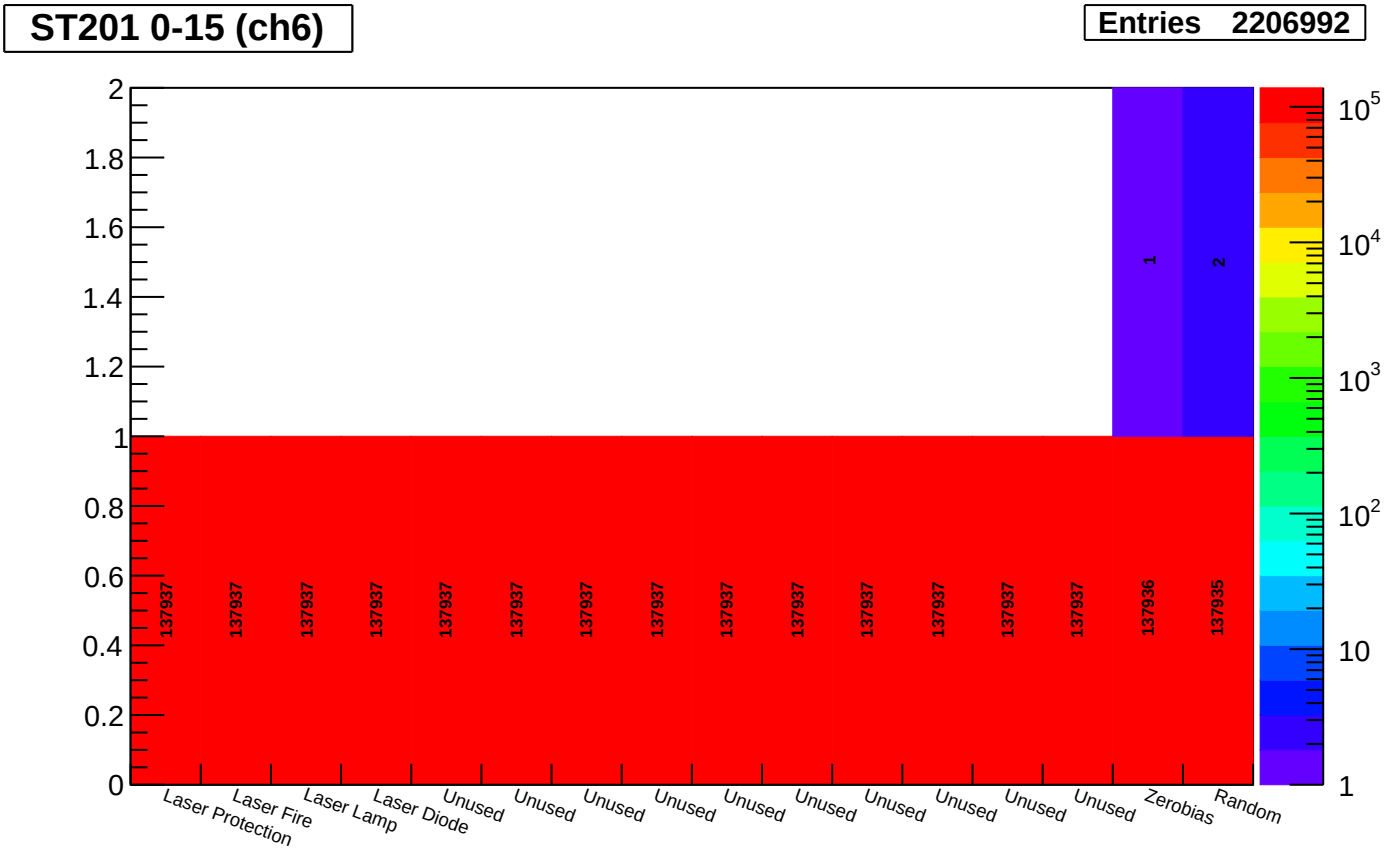

Entries 137937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

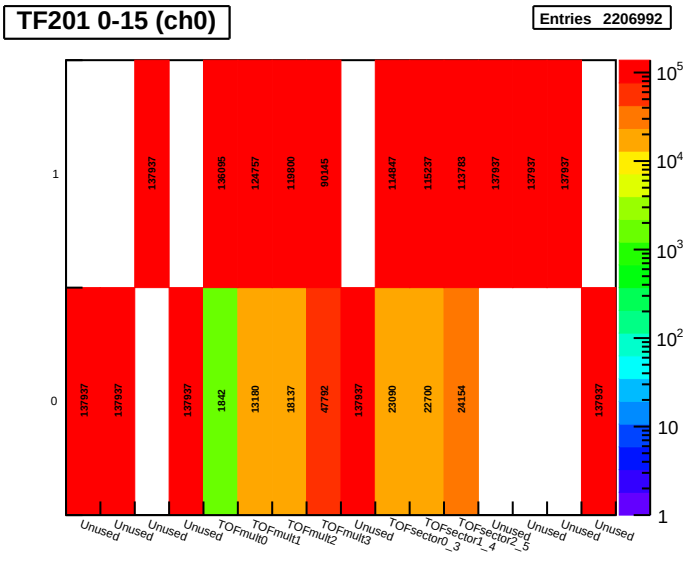

Entries 137937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

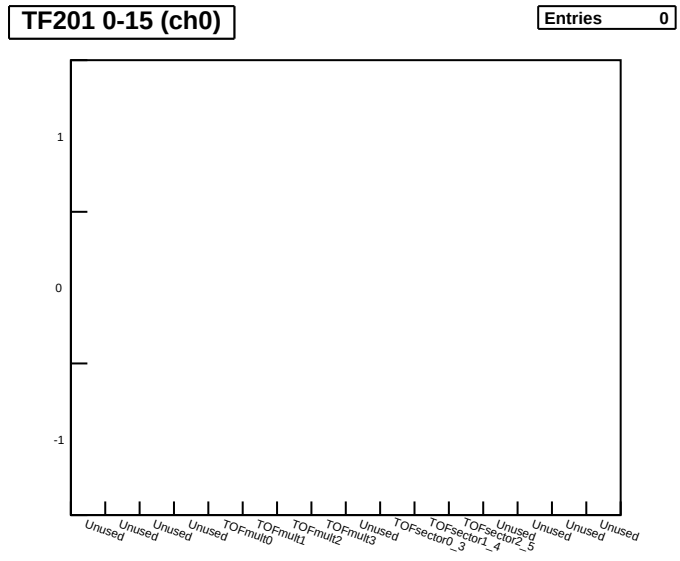

Entries 137937
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

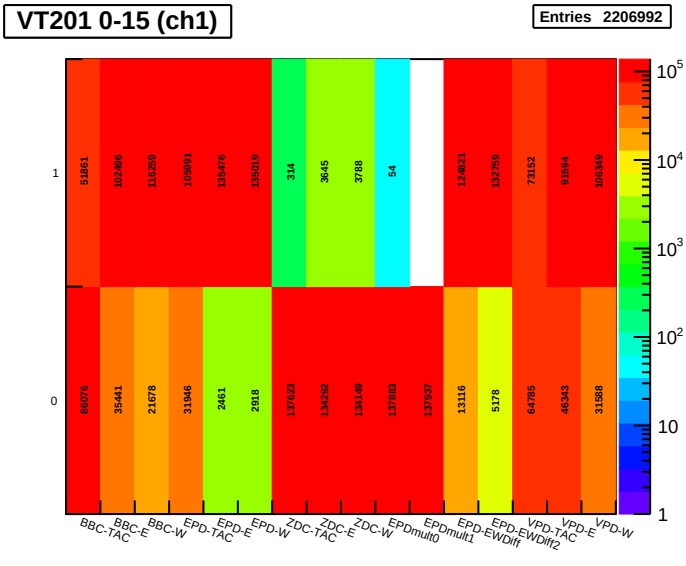

Entries 137937
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

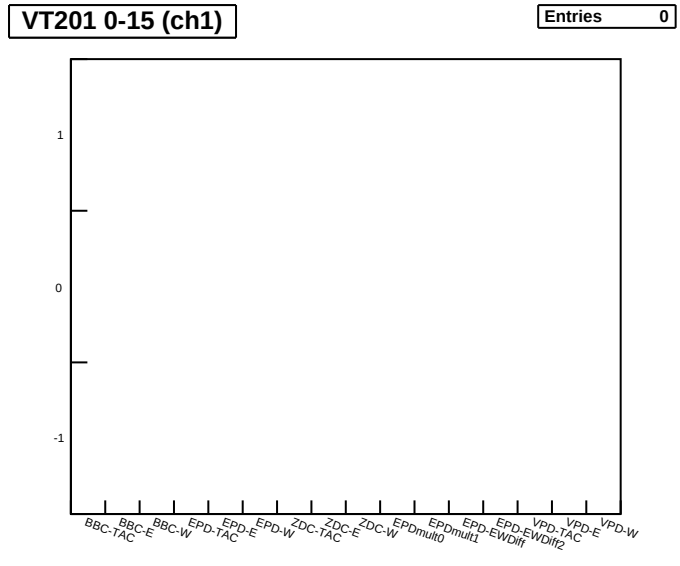

Laser Input Bits
Entries 137937
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

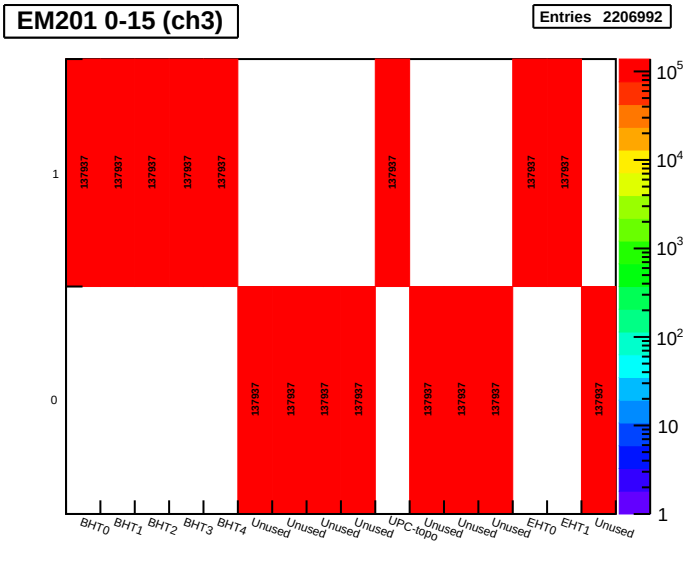

ST201 0-15 (ch6)
Entries 2206992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
137937
137936
137935
1
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

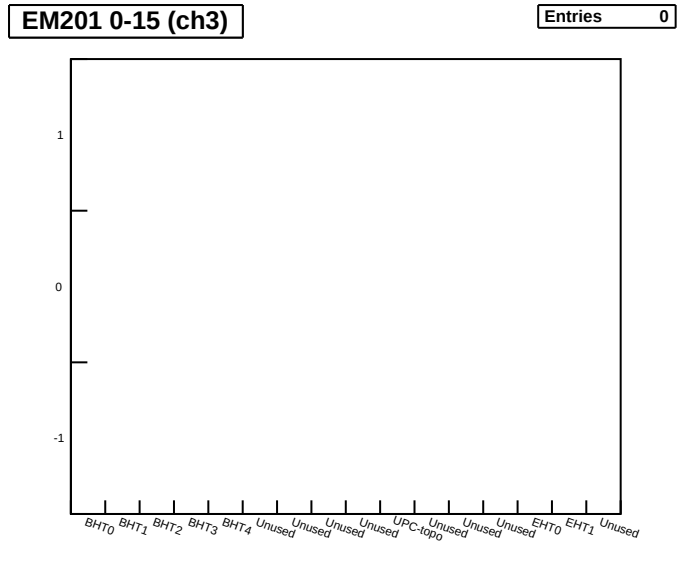

TF201 0-15 (ch0)
Entries 2206992
1
0
137937
136095
124757
119800
90145
114847
115237
113783
137937
137937
137937
137937
137937
137937
137937
1842
13180
18137
47792
137937
23090
22700
24154
137937
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 2206992
1
0
51861
102486
116259
105991
135476
135019
314
3645
3788
54
124821
132759
73152
91594
106349
86076
35441
21678
31946
2461
2918
137623
134292
134169
137883
137937
13116
5178
64785
46343
31588
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
1
10
10^2
10^3
10^4
10^5


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 2206992
1
0
137937
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


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