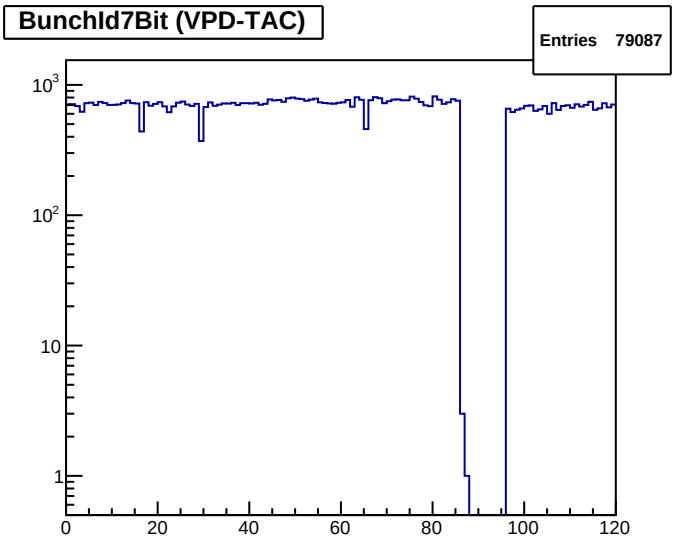
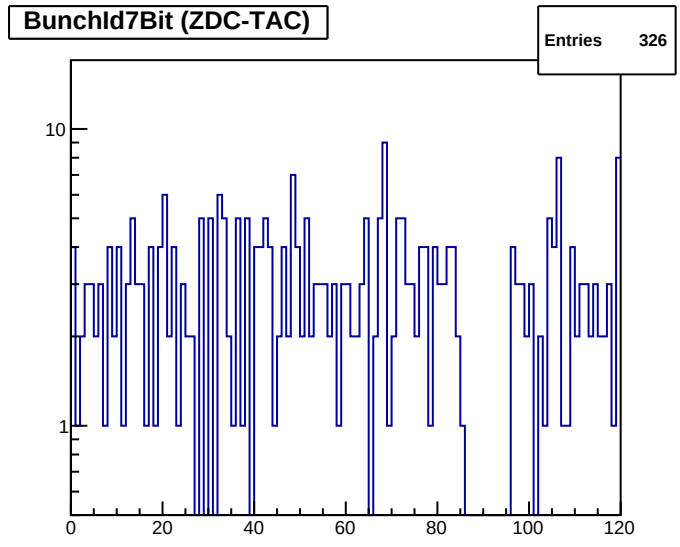
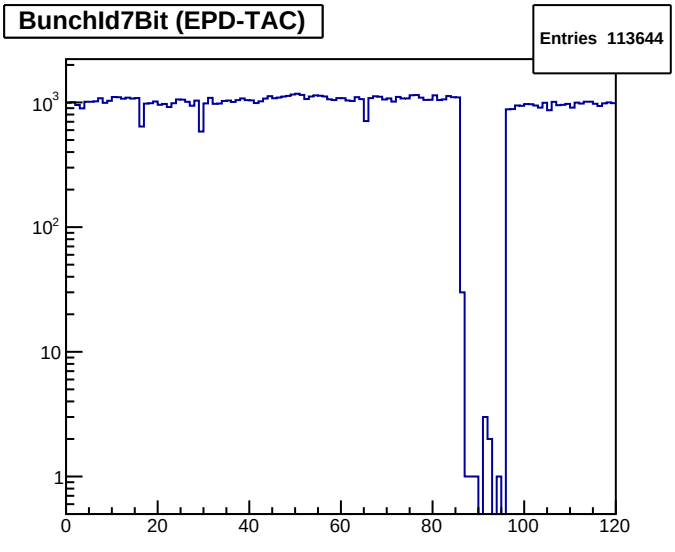
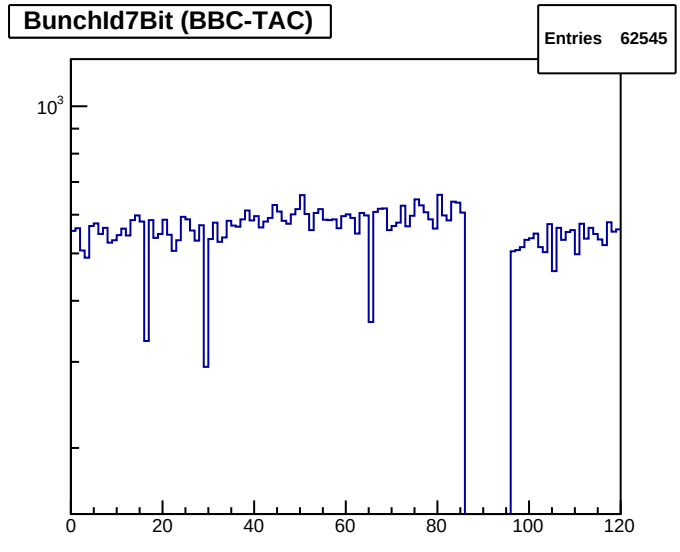
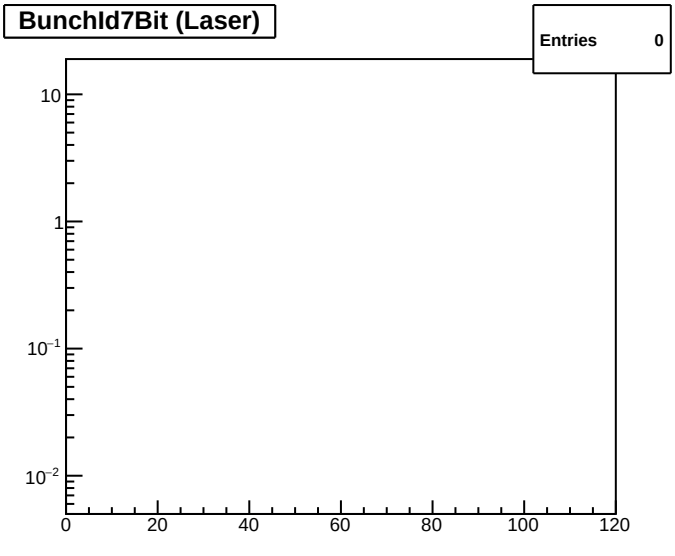
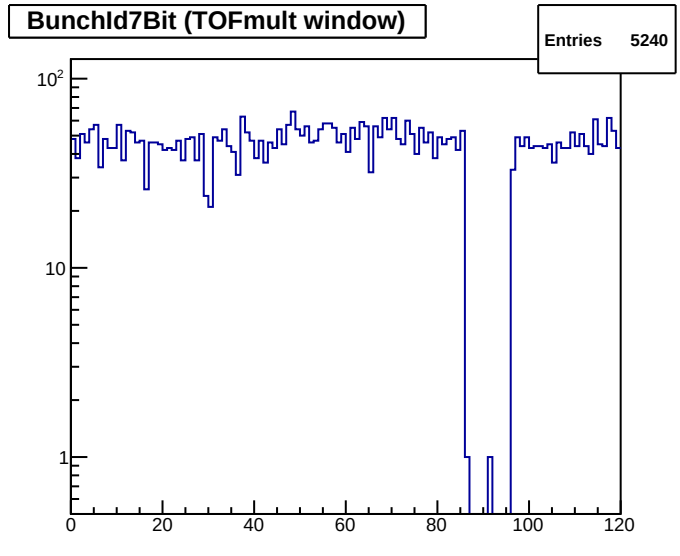

BunchId7Bit (VPD-TAC)
Entries 79087

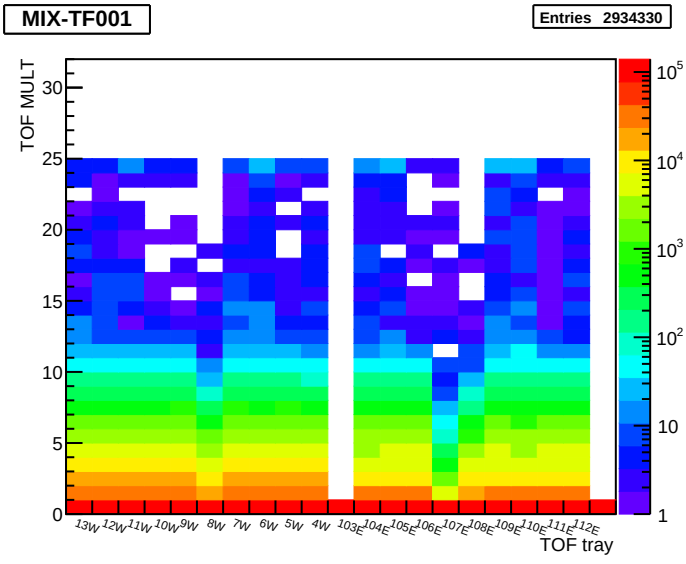

BunchId7Bit (ZDC-TAC)
Entries 326

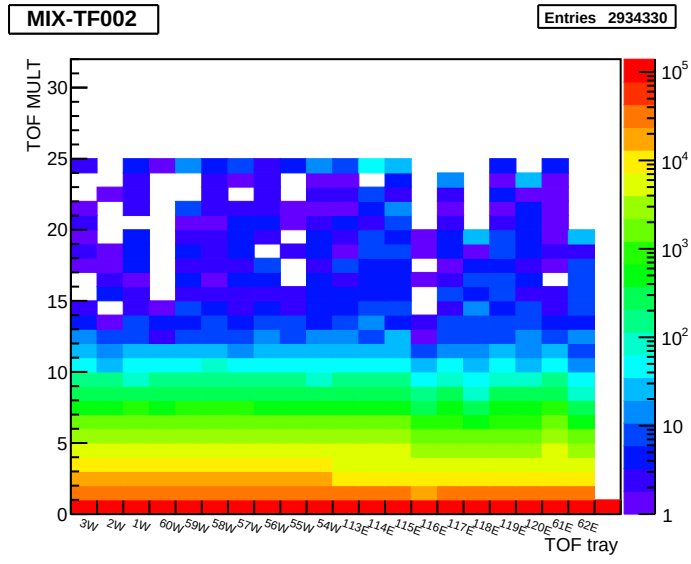

BunchId7Bit (EPD-TAC)
Entries 113644

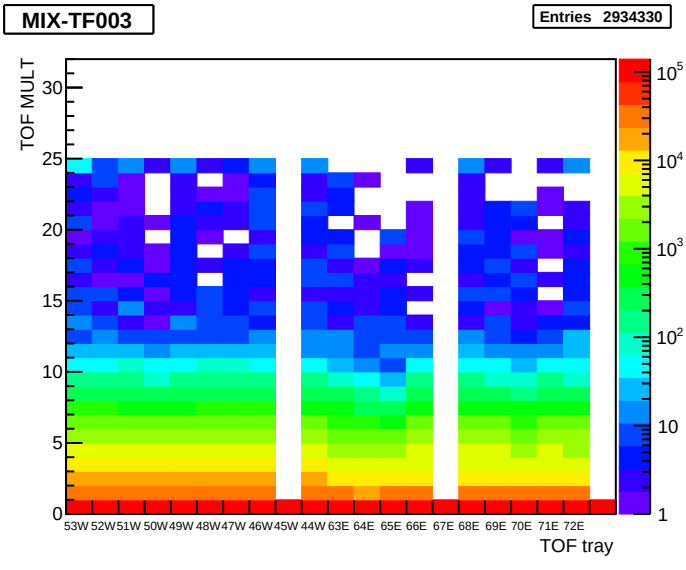

BunchId7Bit (BBC-TAC)
Entries 62545

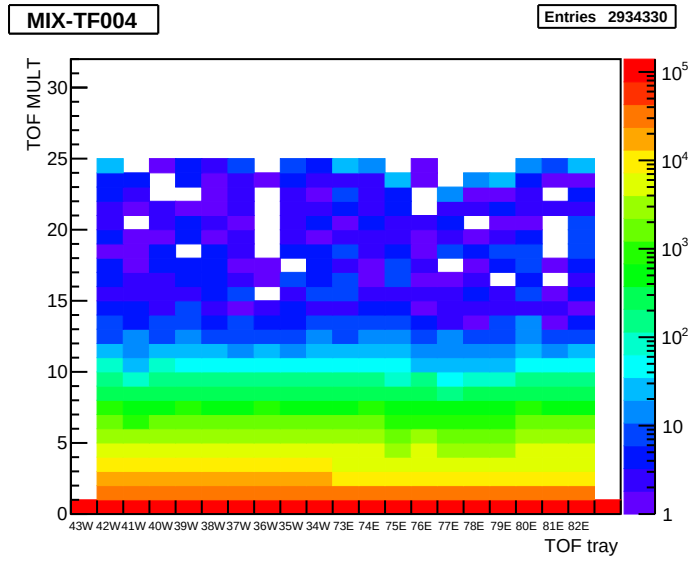

BunchId7Bit (Laser)
Entries 0

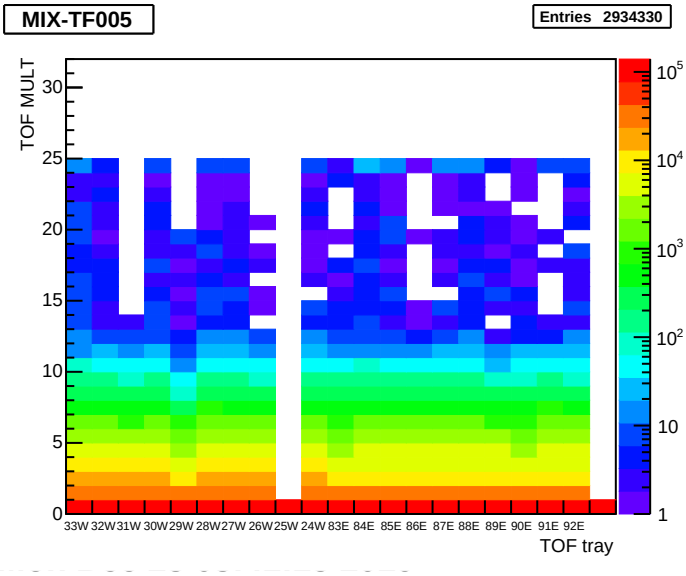

BunchId7Bit (TOFmult window)
Entries 5240

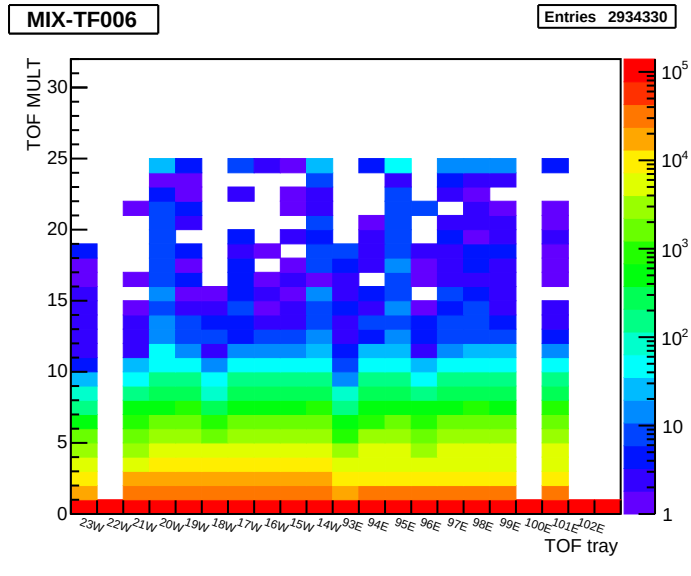

MIX-TF001
Entries 2934330
TOF MULT
TOF tray

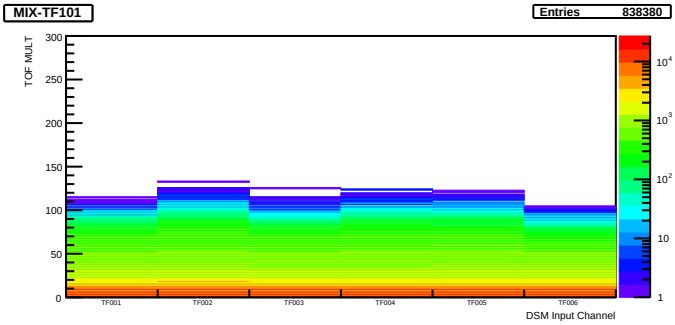

MIX-TF002
Entries 2934330
TOF MULT
TOF tray

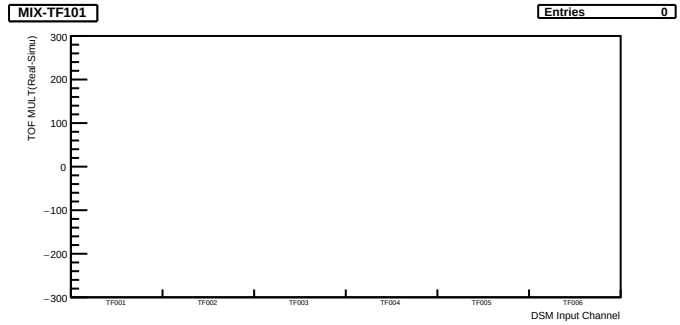

MIX-TF003
Entries 2934330
TOF MULT
TOF tray

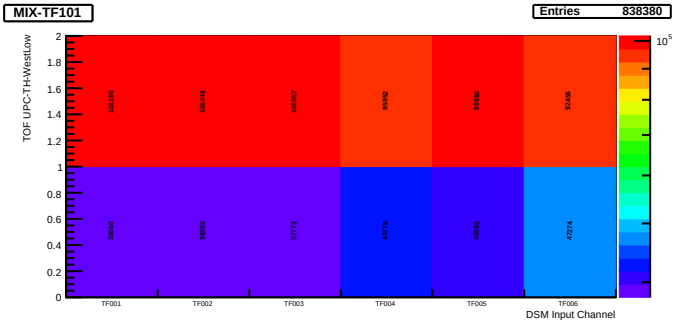

MIX-TF004
Entries 2934330
TOF MULT
TOF tray

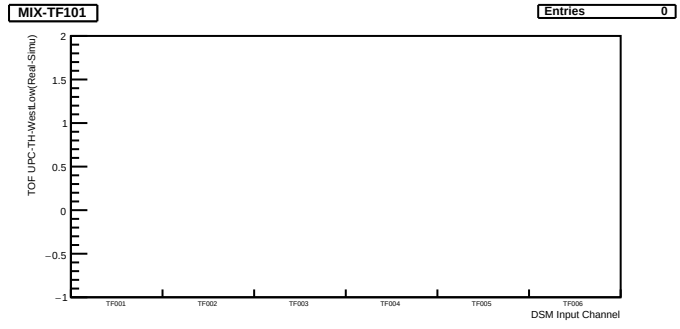

MIX-TF005
Entries 2934330
TOF MULT
TOF tray

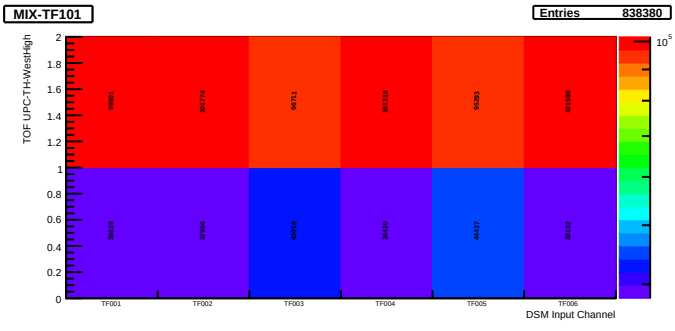

MIX-TF006
Entries 2934330
TOF MULT
TOF tray

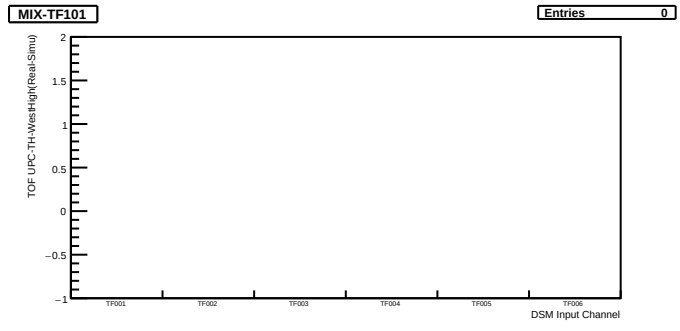

MIX-TF101
Entries 838380
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

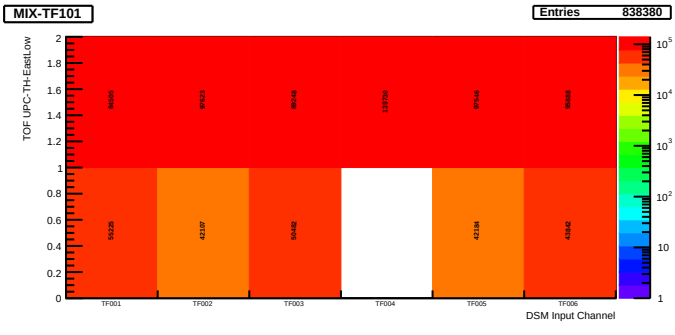

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

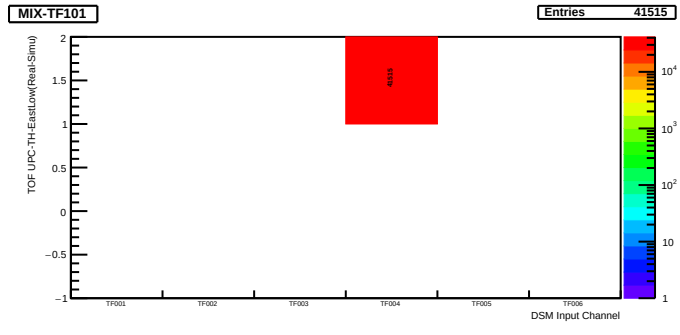

MIX-TF101
Entries 838380
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

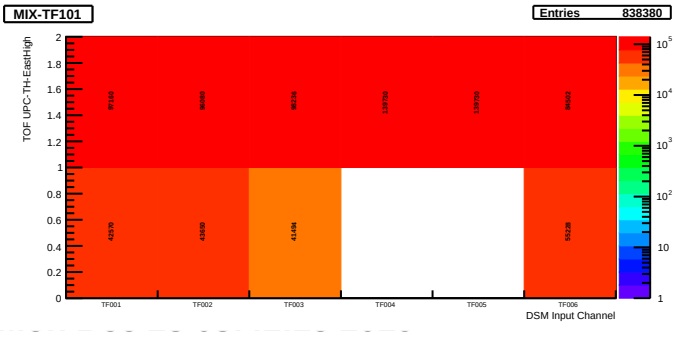

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

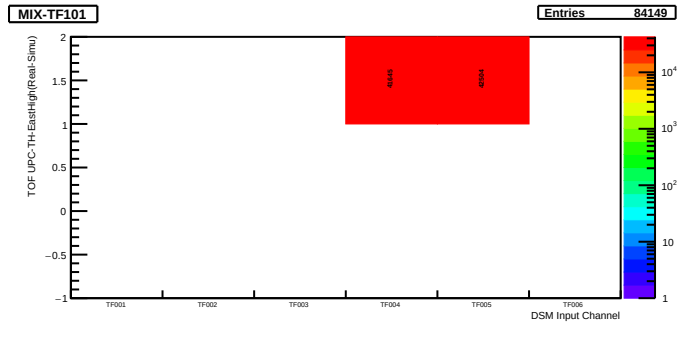

MIX-TF101
Entries 838380
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

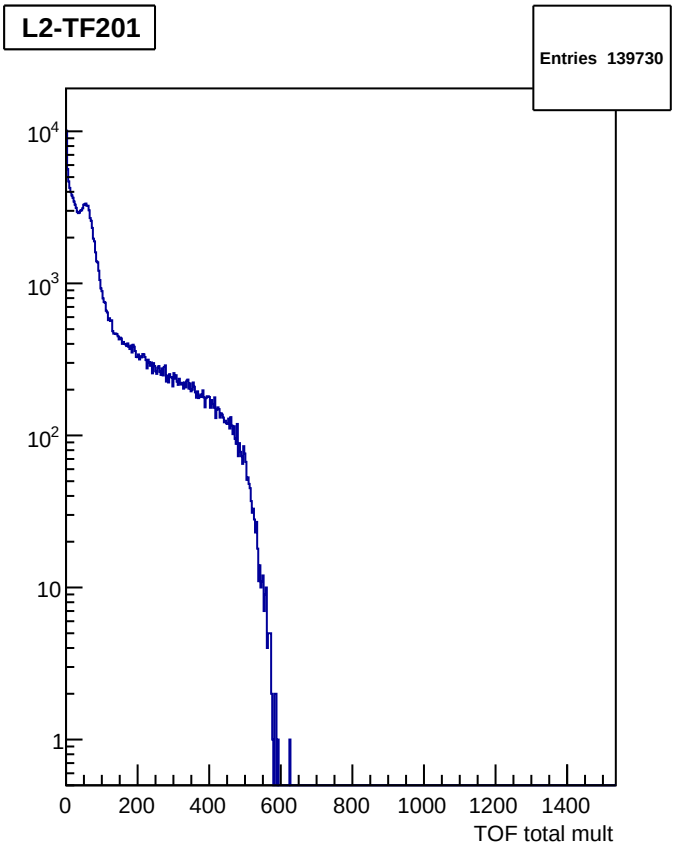

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

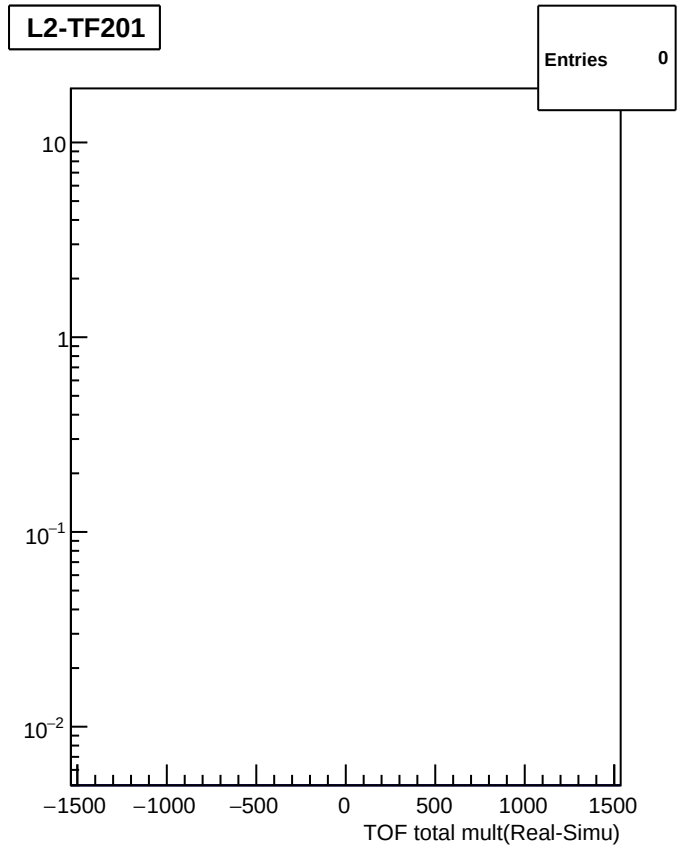

MIX-TF101
Entries 838380
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

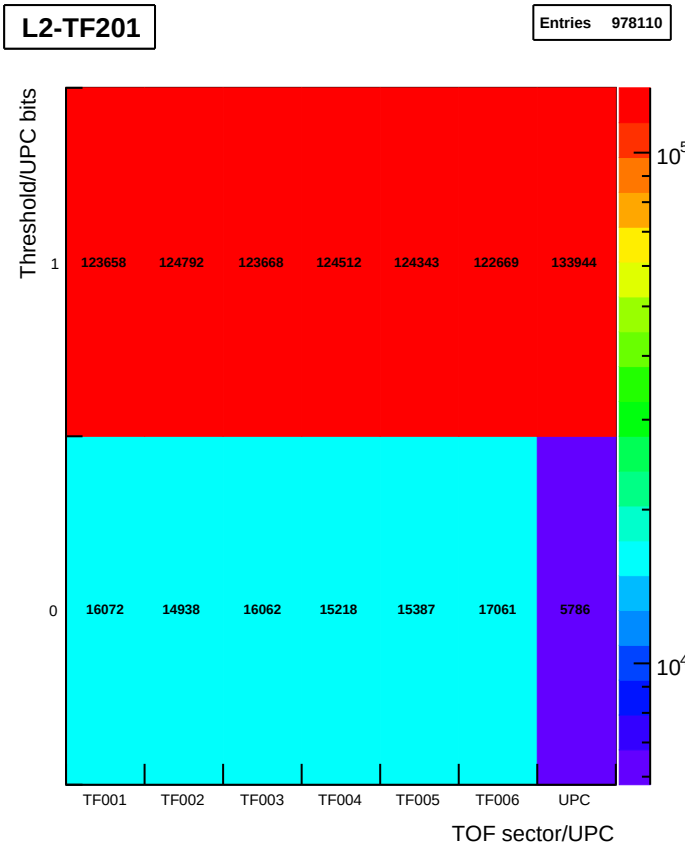

MIX-TF101
Entries 41515
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

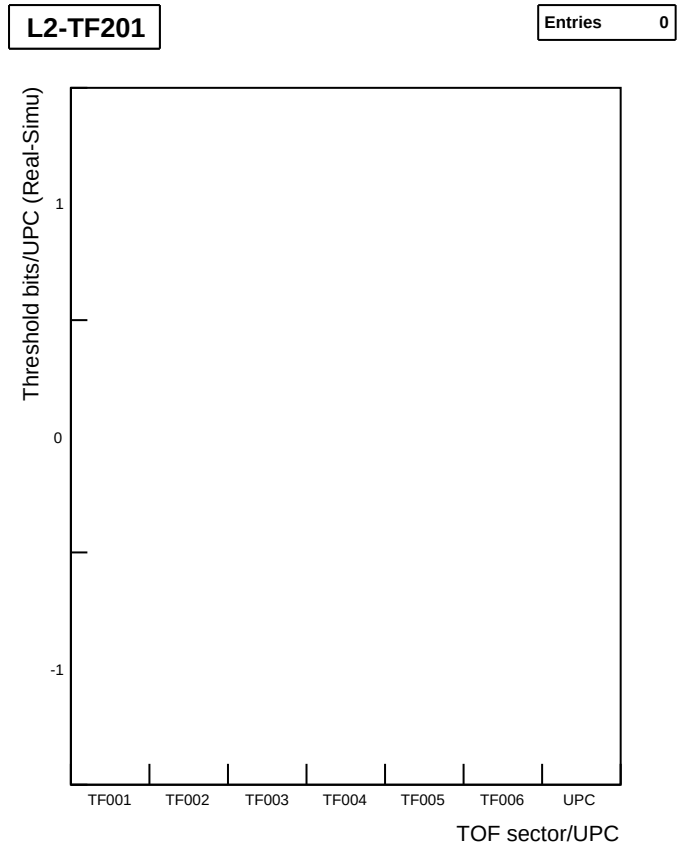

MIX-TF101
Entries 838380
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

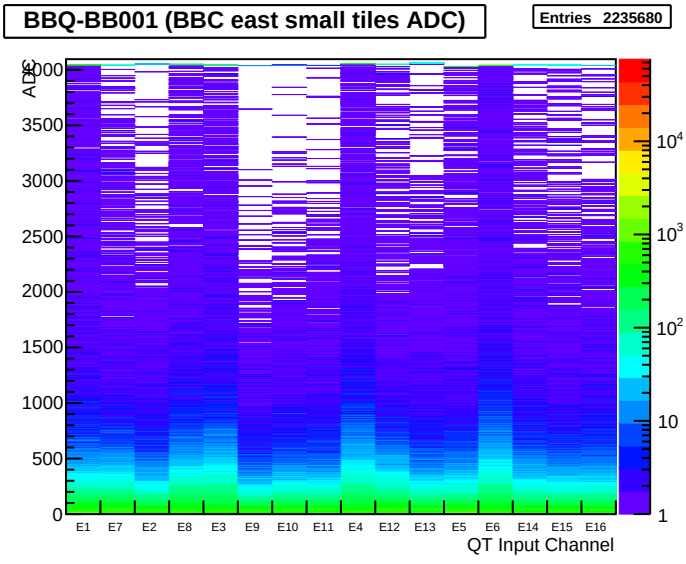

MIX-TF101
Entries 84149
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

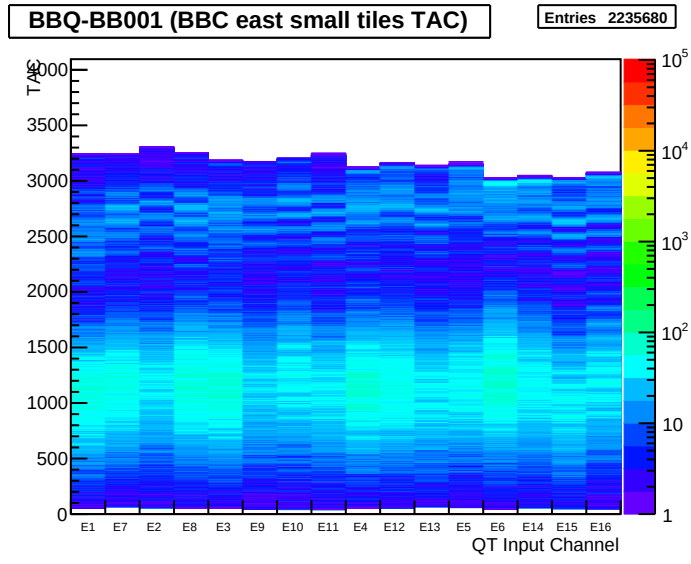

L2-TF201
Entries 139730
TOF total mult

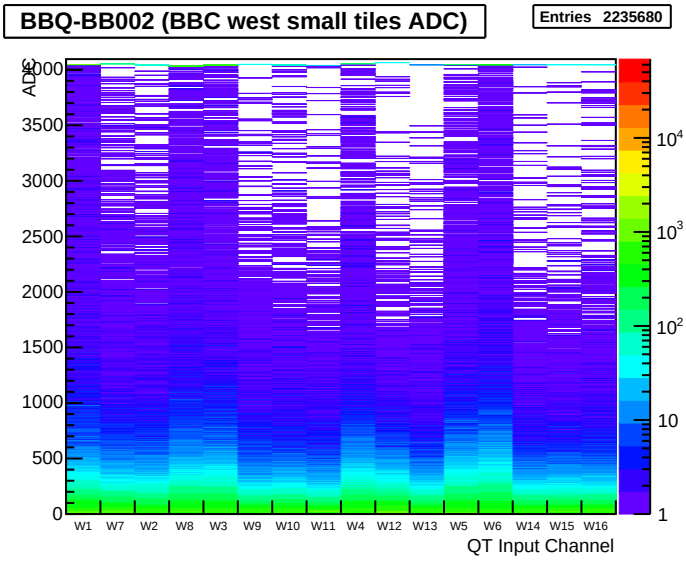

L2-TF201
Entries 0
TOF total mult(Real-Simu)

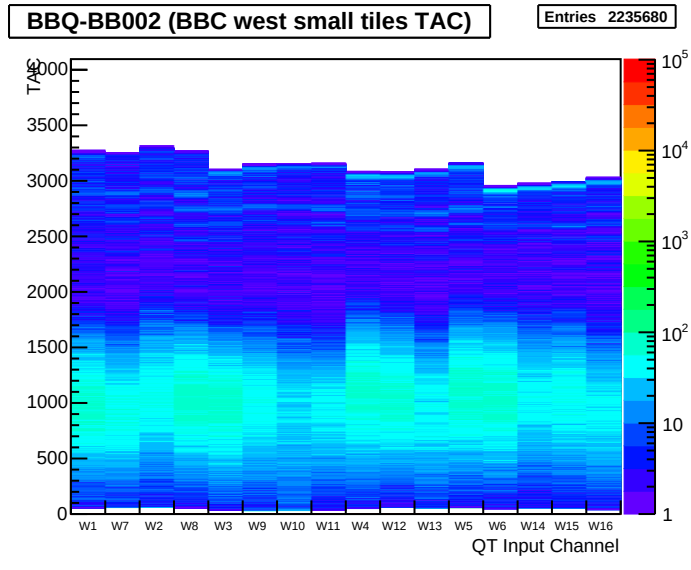

L2-TF201
Entries 978110
Threshold/UPC bits
123658 124792 123668 124512 124343 122669 133944
16072 14938 16062 15218 15387 17061 5786
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

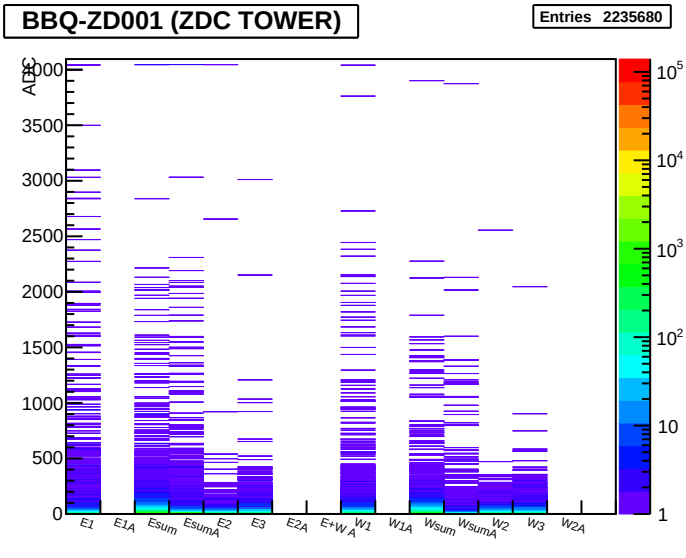

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

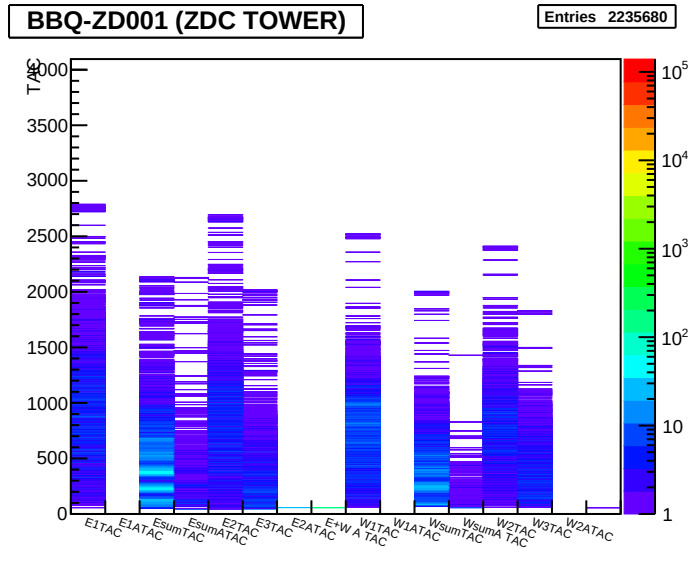

BBQ-BB001 (BBC east small tiles ADC)
Entries 2235680
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

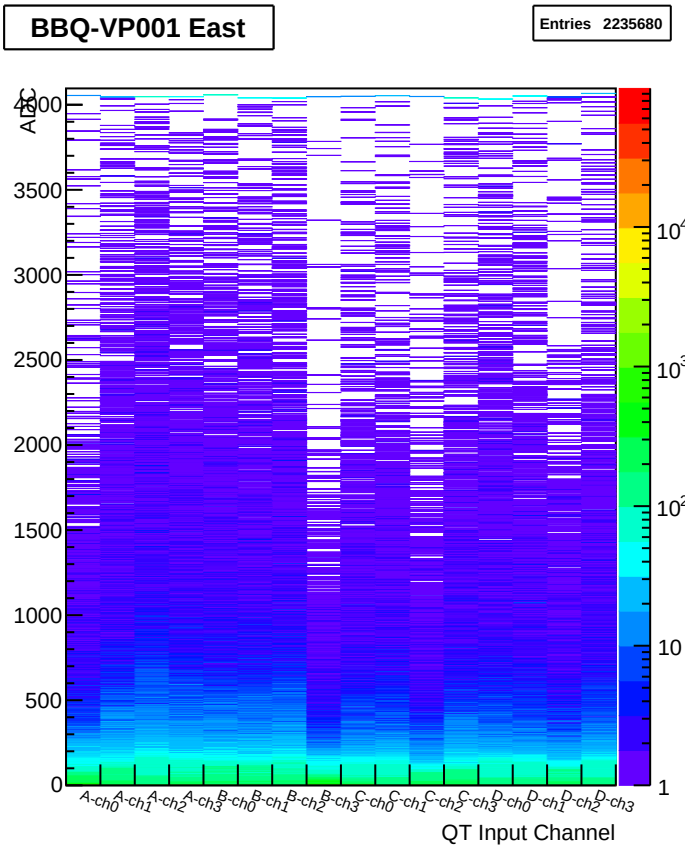

BBQ-BB001 (BBC east small tiles TAC)
Entries 2235680
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

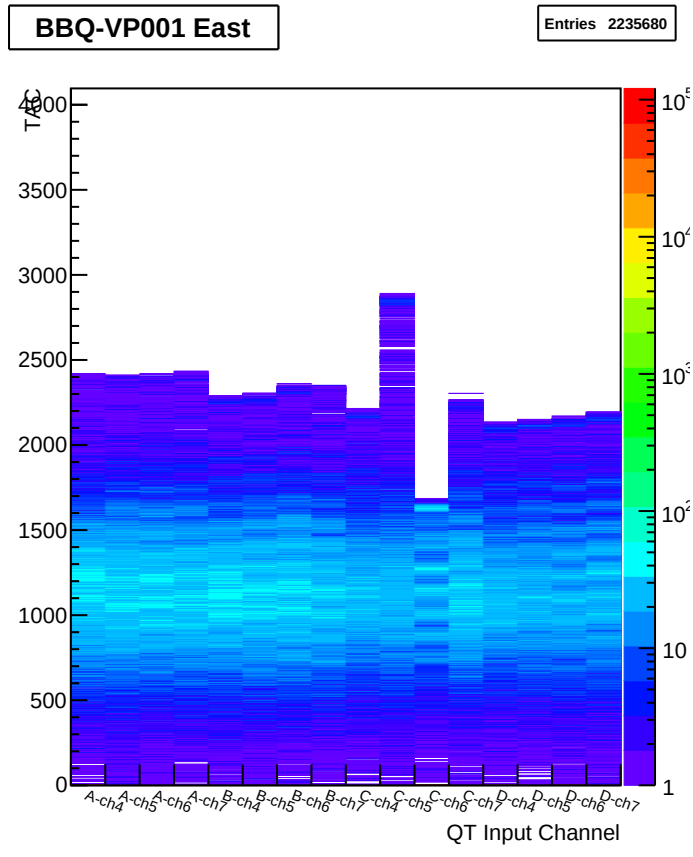

BBQ-BB002 (BBC west small tiles ADC)
Entries 2235680
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

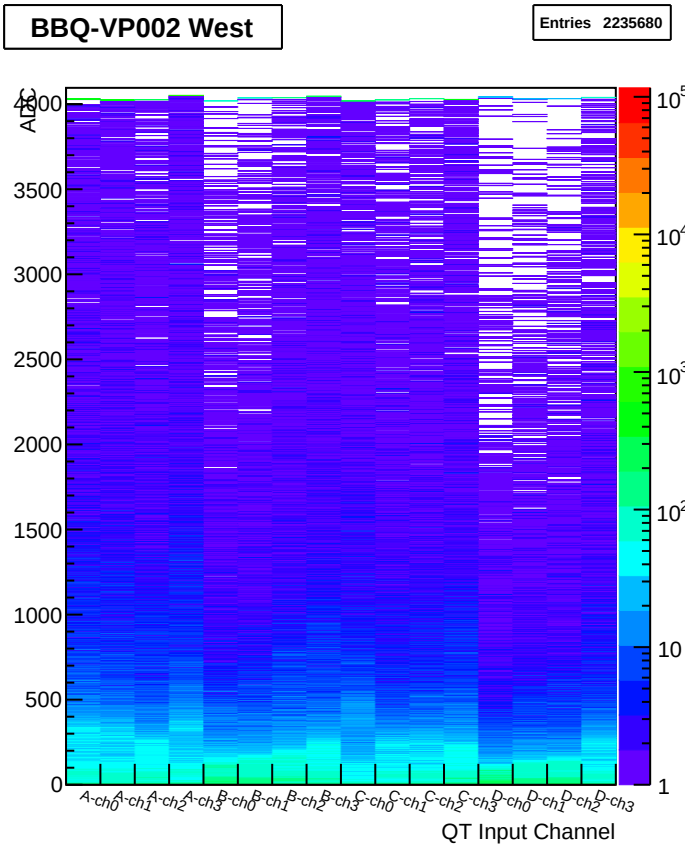

BBQ-BB002 (BBC west small tiles TAC)
Entries 2235680
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

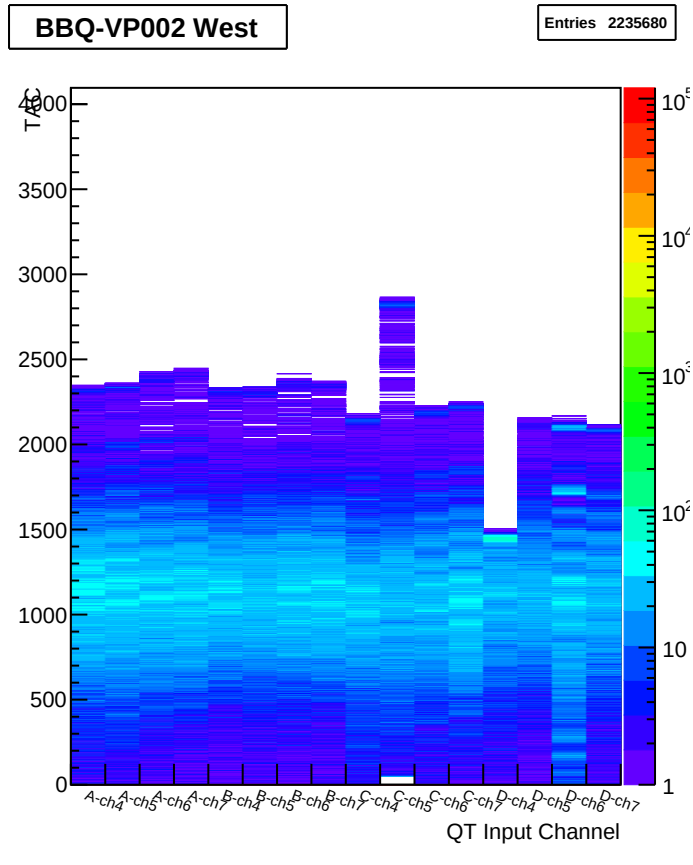

BBQ-ZD001 (ZDC TOWER)
Entries 2235680
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

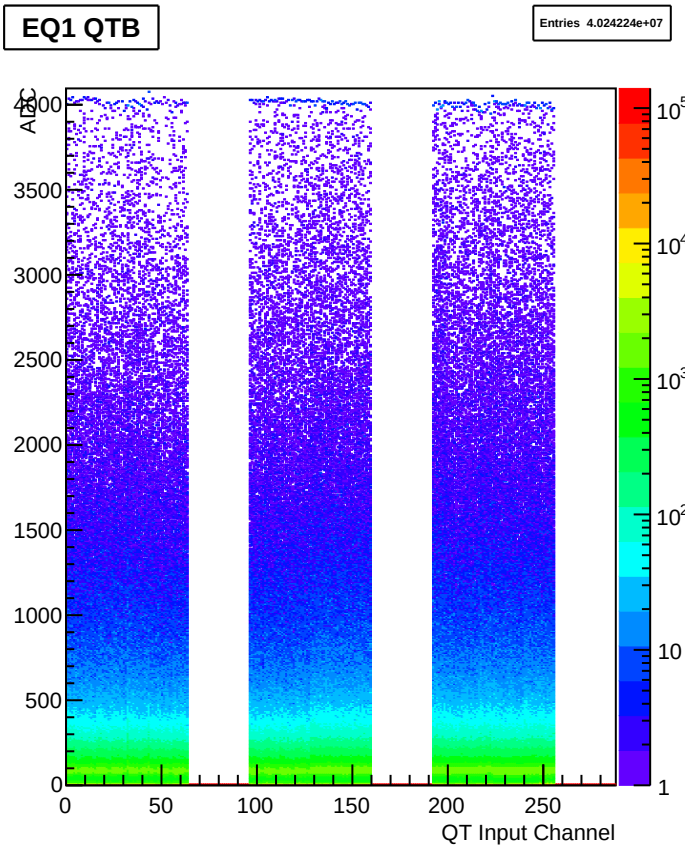

BBQ-ZD001 (ZDC TOWER)
Entries 2235680
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

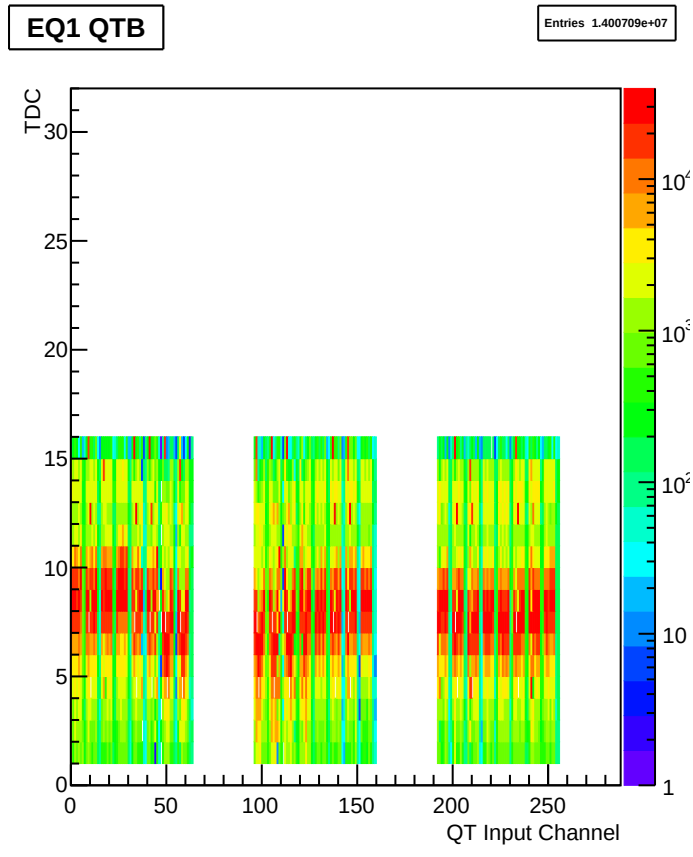

BBQ-VP001 East
Entries 2235680
ADC
QT Input Channel

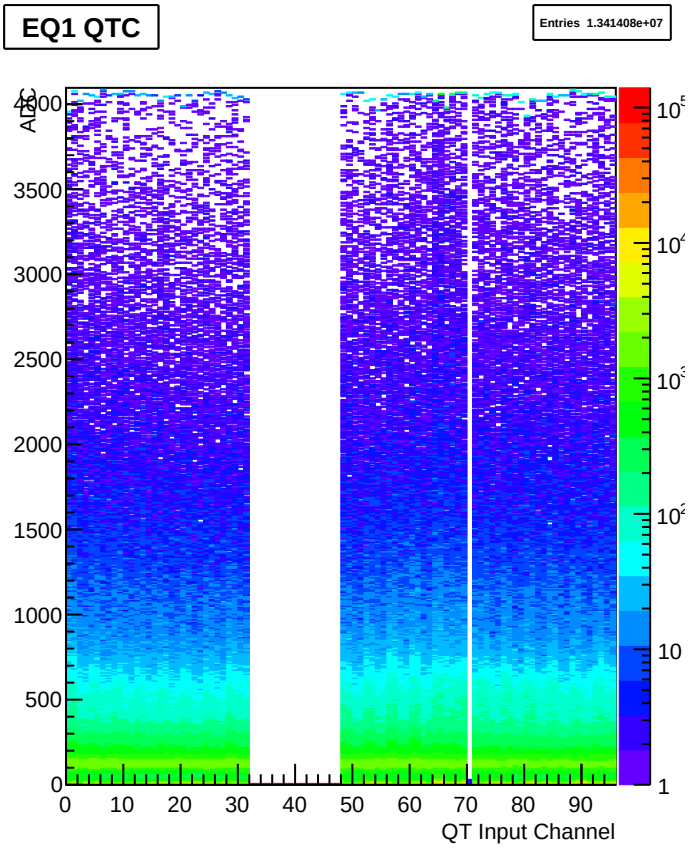

BBQ-VP001 East
Entries 2235680
TAC
QT Input Channel

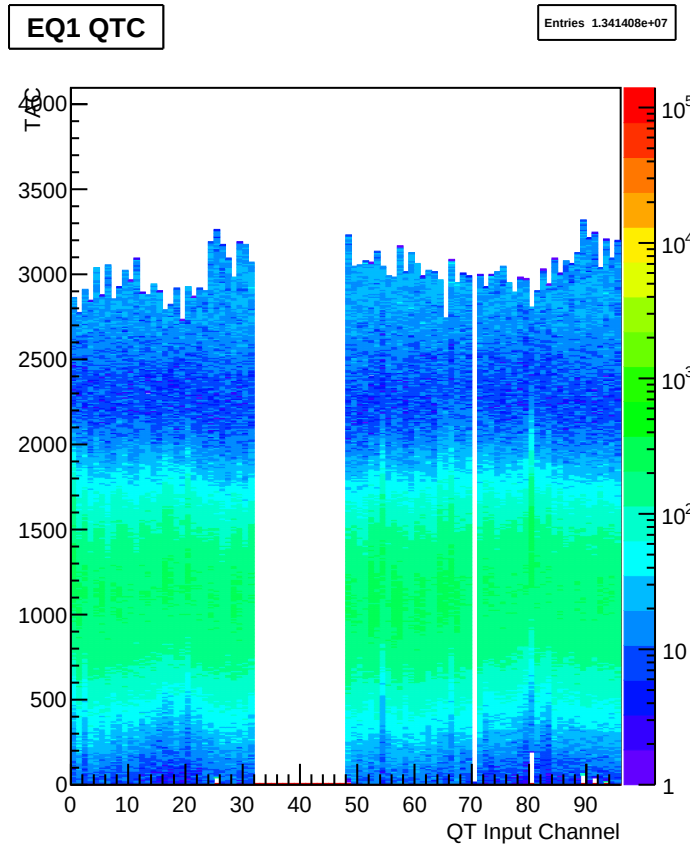

BBQ-VP002 West
Entries 2235680
ADC
QT Input Channel

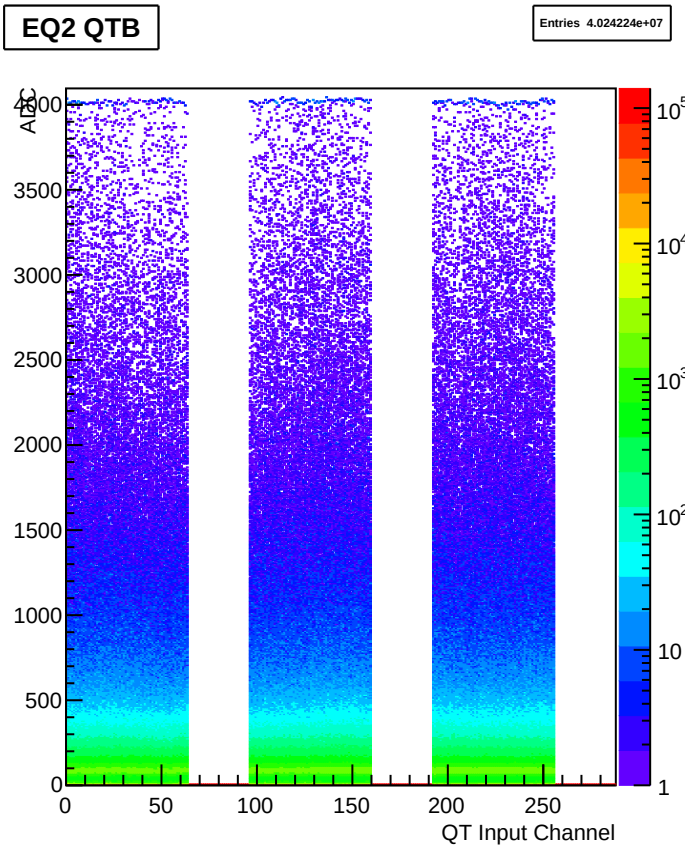

BBQ-VP002 West
Entries 2235680
TAC
QT Input Channel

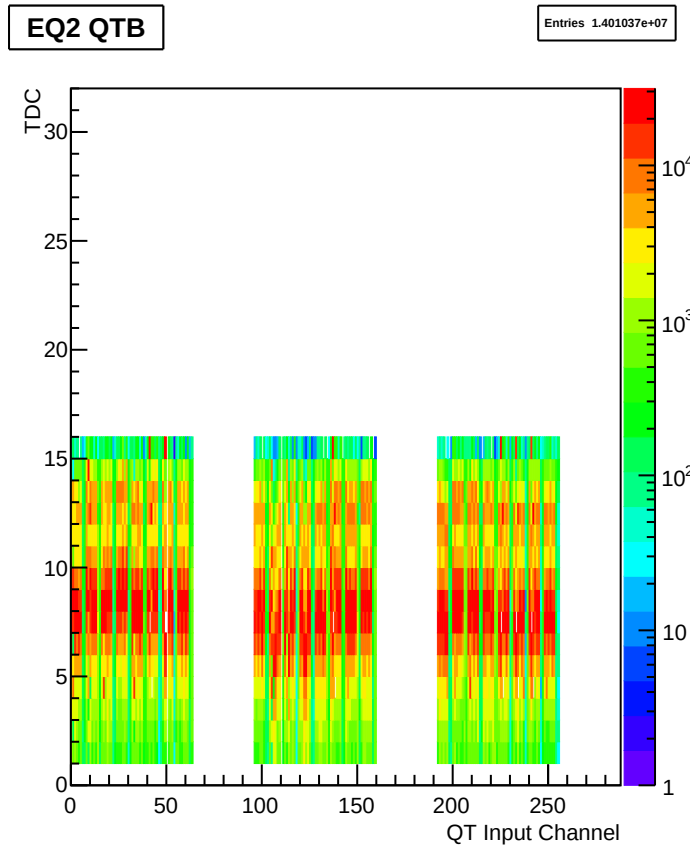

EQ1 QTB
Entries 4.024224e+07
ADC
QT Input Channel

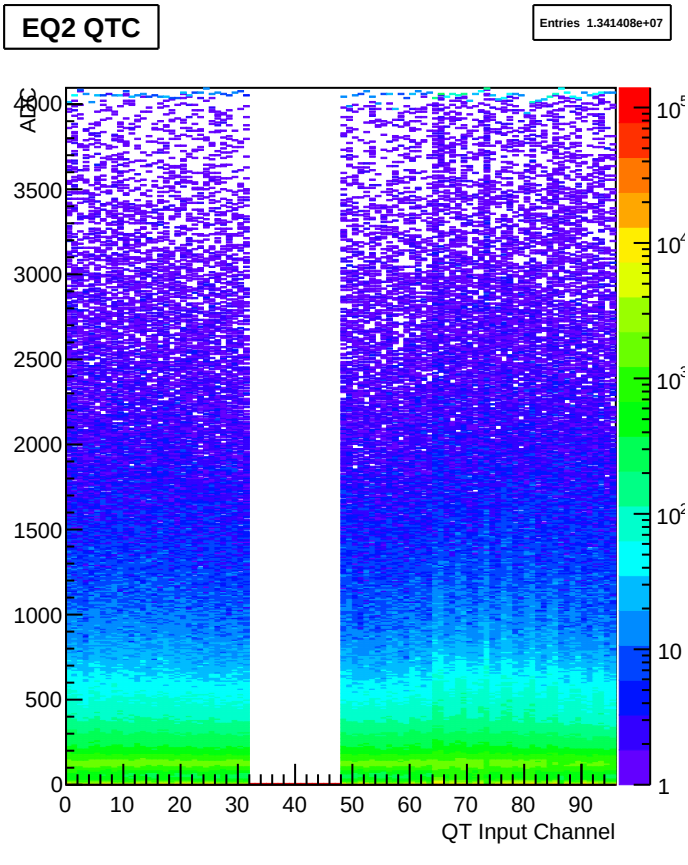

EQ1 QTB
Entries 1.400709e+07
TDC
QT Input Channel

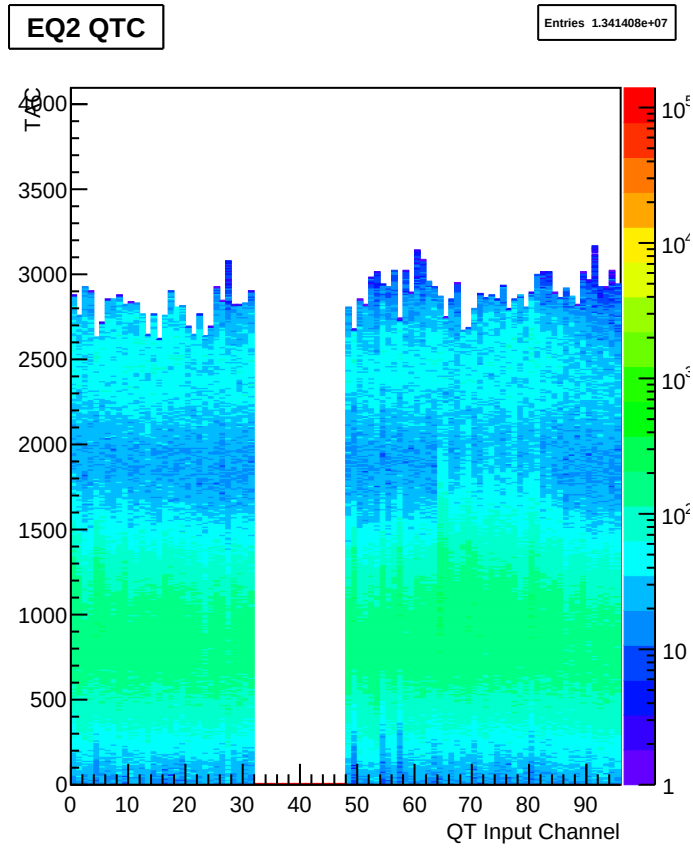

EQ1 QTC
Entries 1.341408e+07
ADC
QT Input Channel

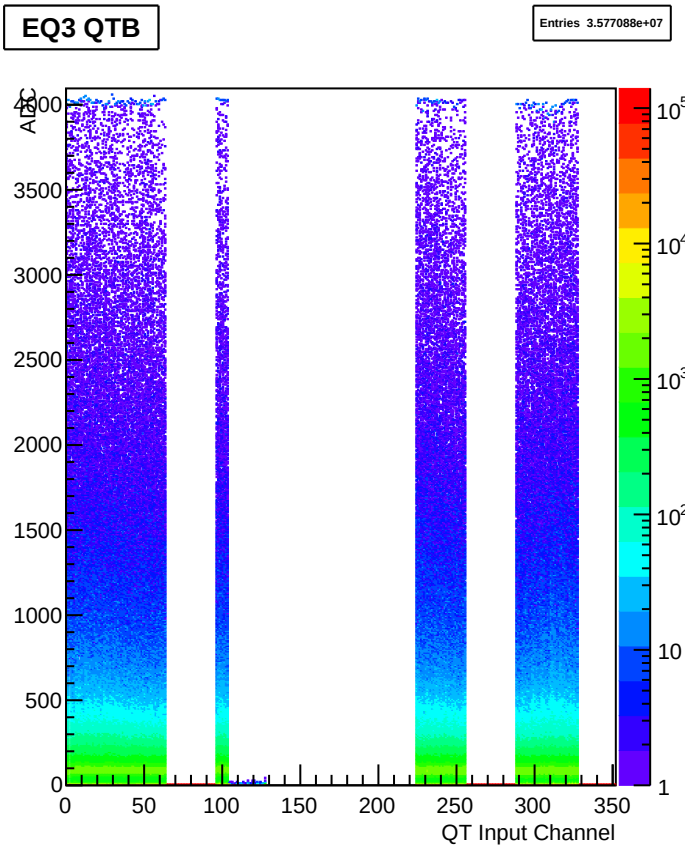

EQ1 QTC
Entries 1.341408e+07
TADC
QT Input Channel

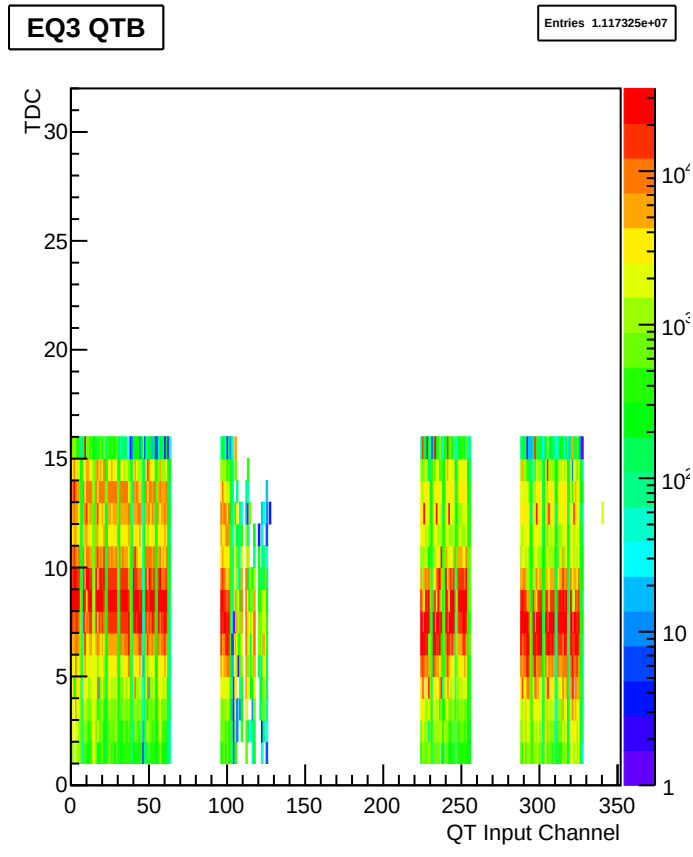

EQ2 QTB
Entries 4.024224e+07
ADC
QT Input Channel

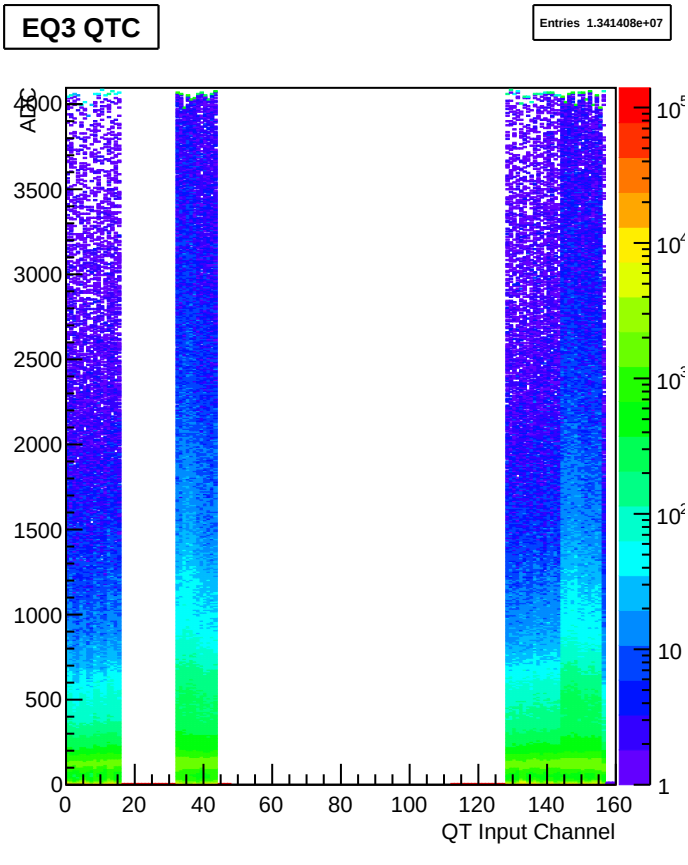

EQ2 QTB
Entries 1.401037e+07
TDC
QT Input Channel

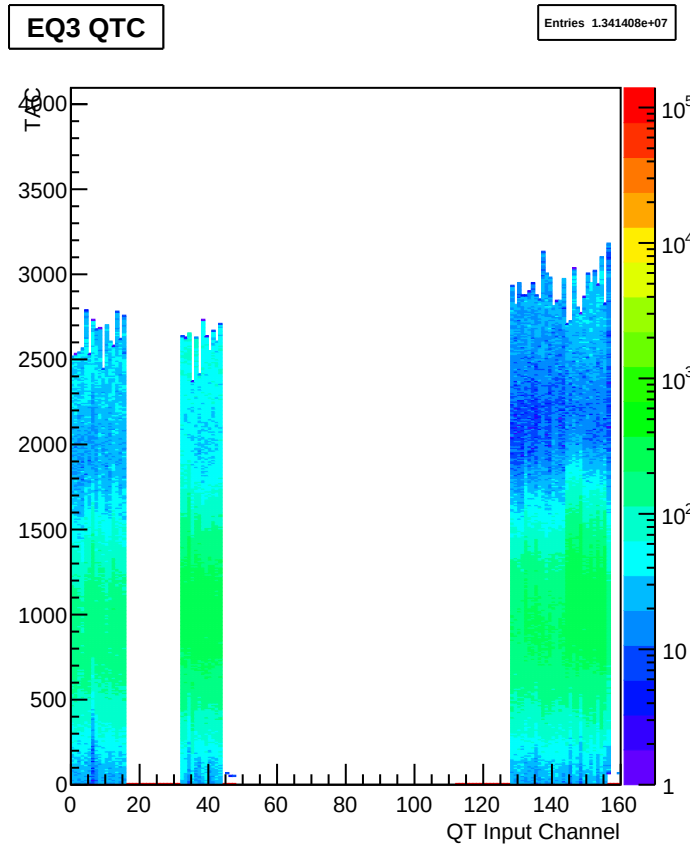

EQ2 QTC
Entries 1.341408e+07
ADC
QT Input Channel

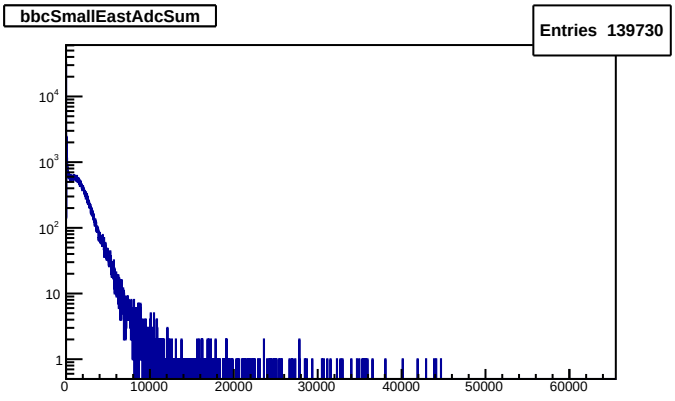

EQ2 QTC
Entries 1.341408e+07
TADC
QT Input Channel

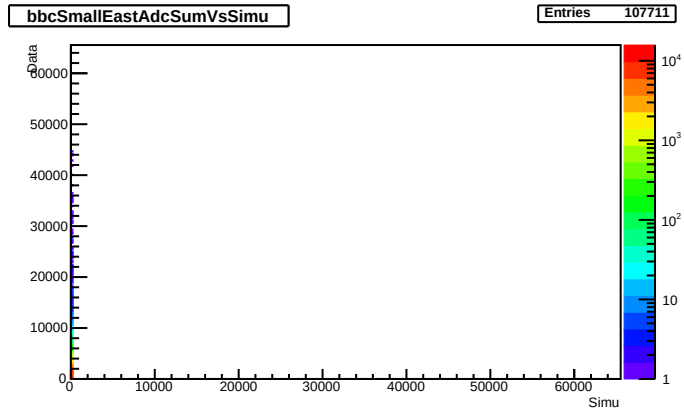

EQ3 QTB
Entries 3.577088e+07
ADC
QT Input Channel

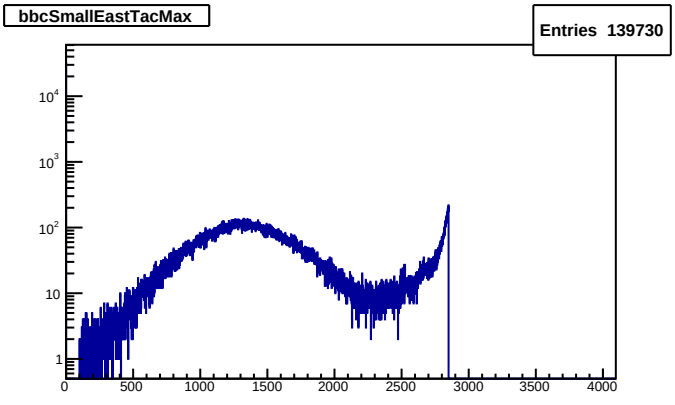

EQ3 QTB
Entries 1.117325e+07
TDC
QT Input Channel

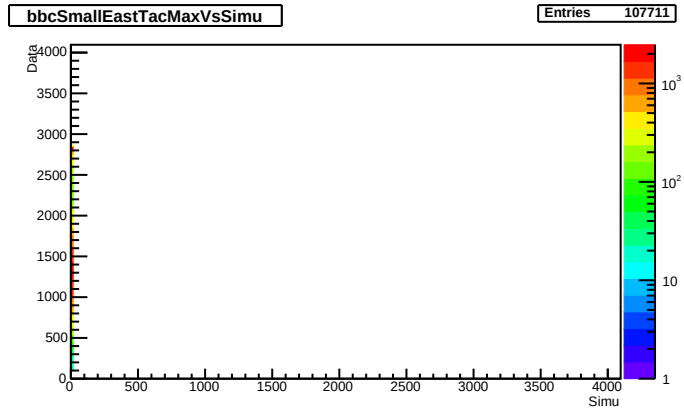

EQ3 QTC
Entries 1.341408e+07
ADC
QT Input Channel

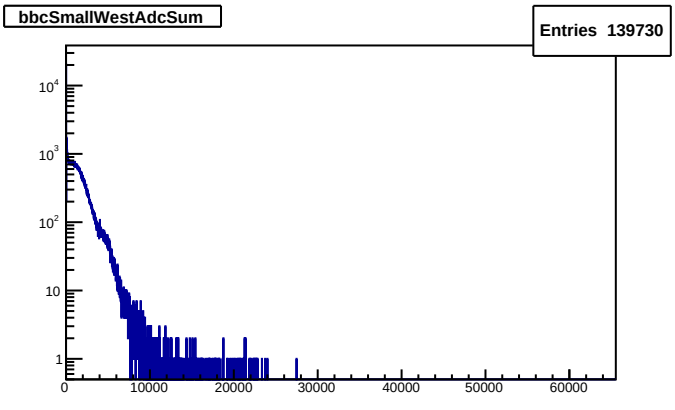

EQ3 QTC
Entries 1.341408e+07
TADC
QT Input Channel

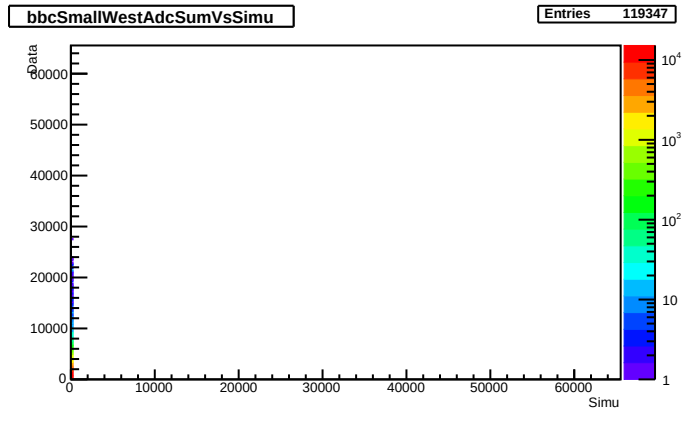

bbcSmallEastAdcSum
Entries 139730

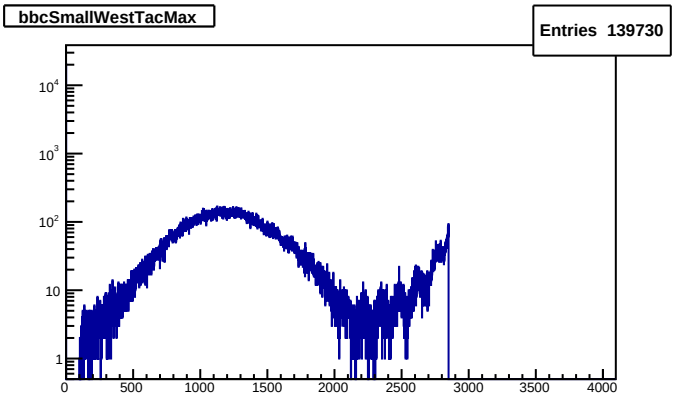

bbcSmallEastAdcSumVsSimu
Entries 107711
Data
Simu

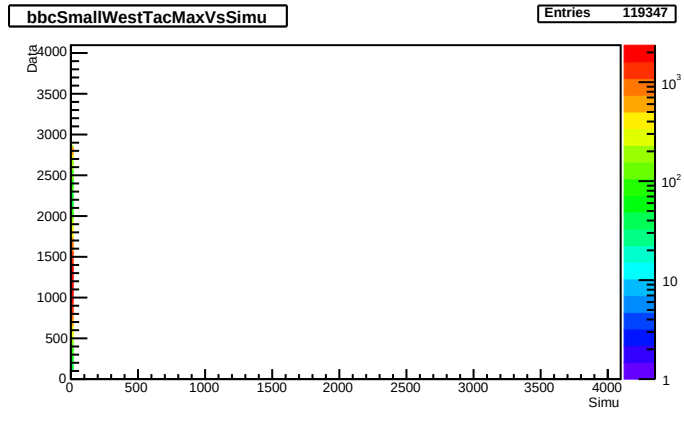

bbcSmallEastTacMax
Entries 139730

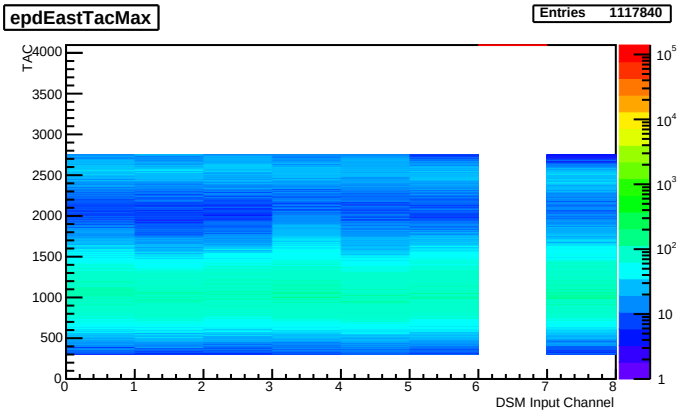

bbcSmallEastTacMaxVsSimu
Entries 107711
Data
Simu

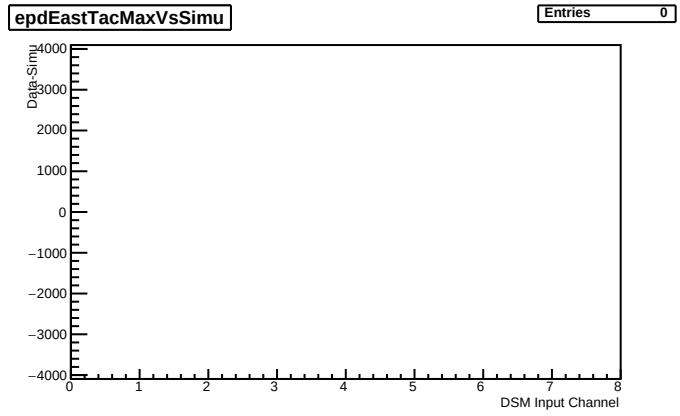

bbcSmallWestAdcSum
Entries 139730

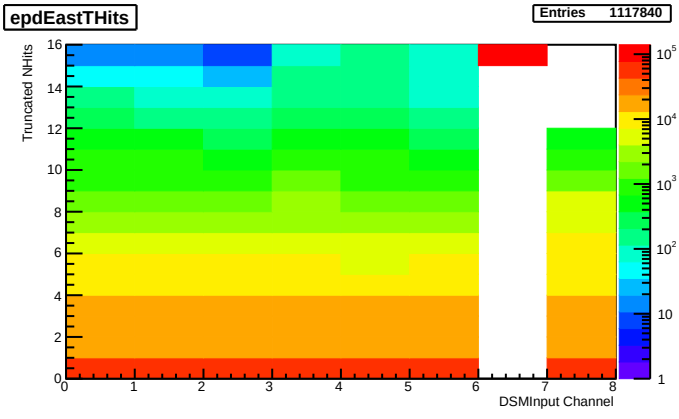

bbcSmallWestAdcSumVsSimu
Entries 119347
Data
Simu

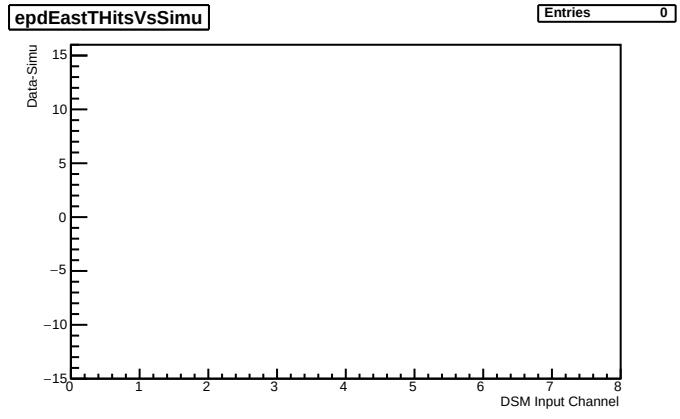

bbcSmallWestTacMax
Entries 139730

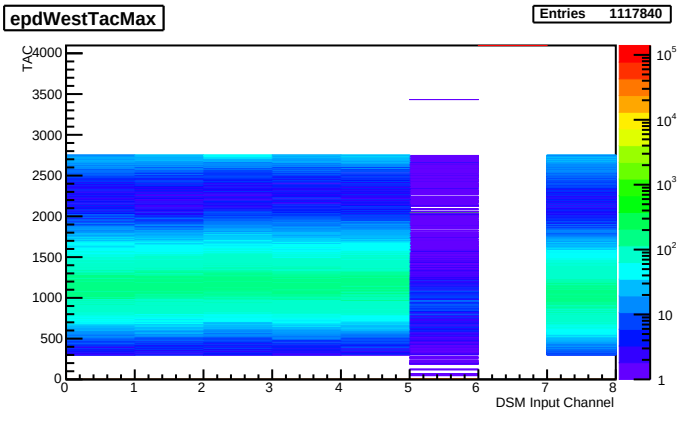

bbcSmallWestTacMaxVsSimu
Entries 119347
Data
Simu

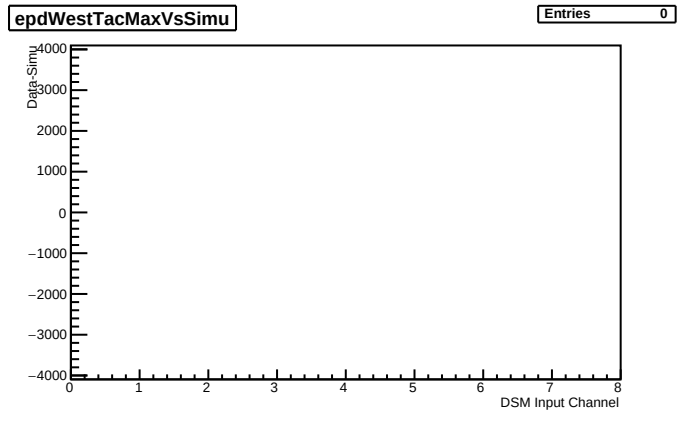

epdEastTacMax
Entries 1117840
TAC
DSM Input Channel

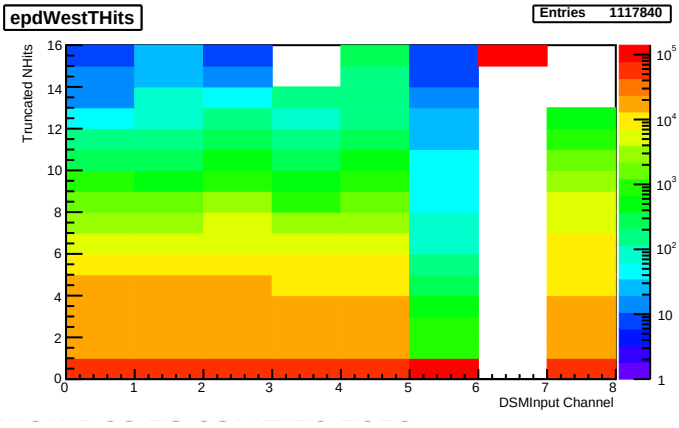

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

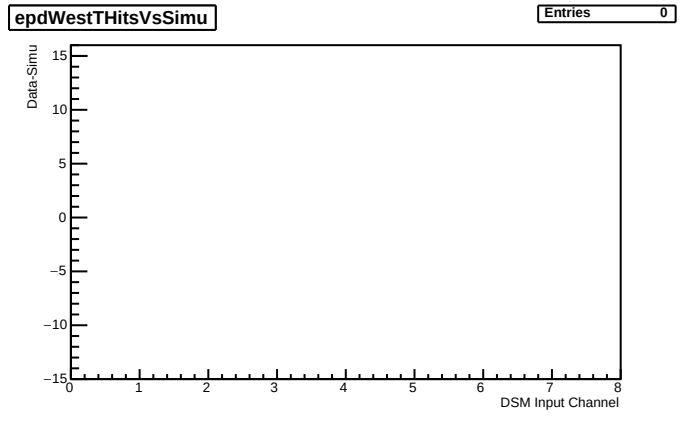

epdEastTHits
Entries 1117840
Truncated NHits
DSMInput Channel

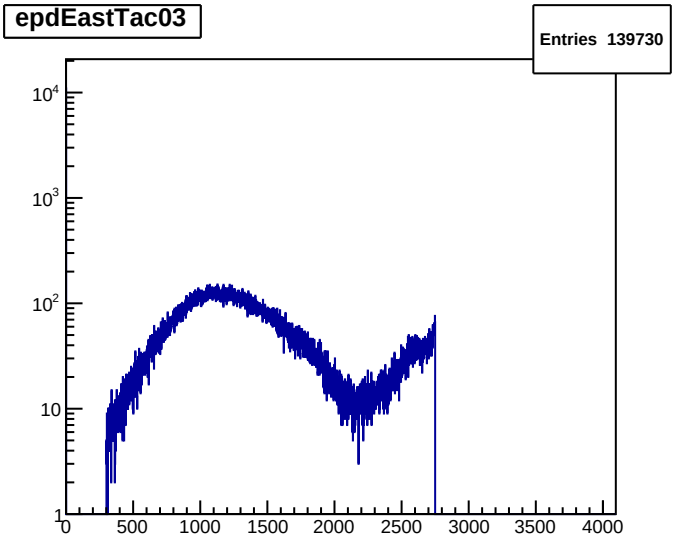

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

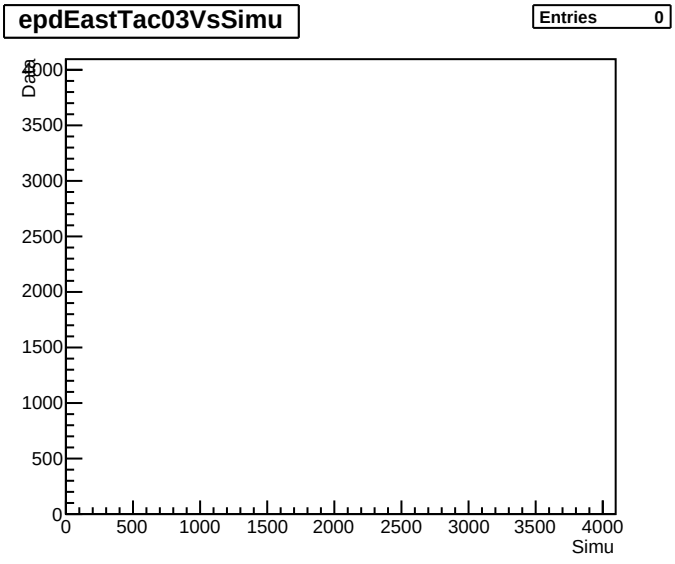

epdWestTacMax
Entries 1117840
TAC
DSM Input Channel

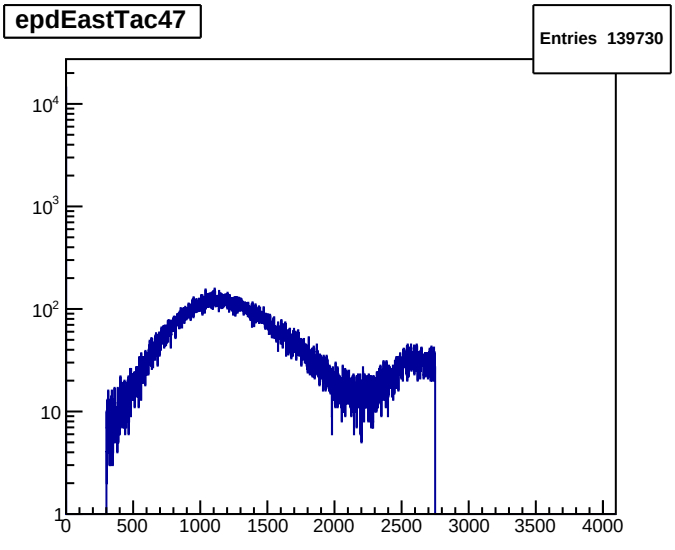

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

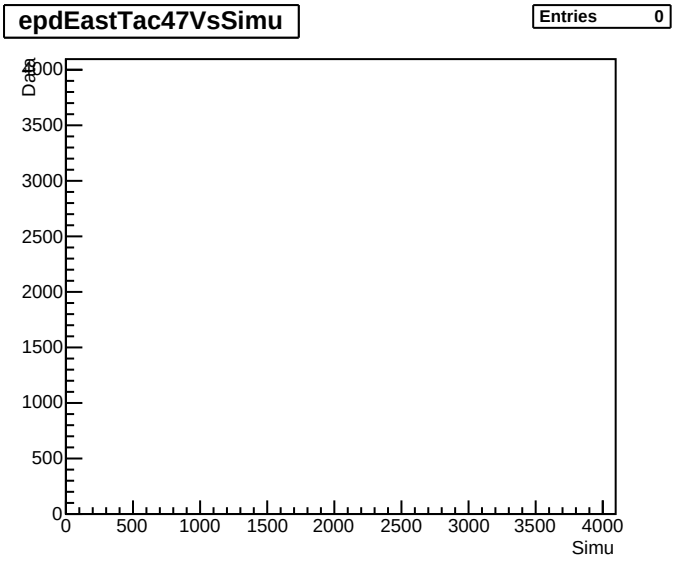

epdWestTHits
Entries 1117840
Truncated NHits
DSMInput Channel

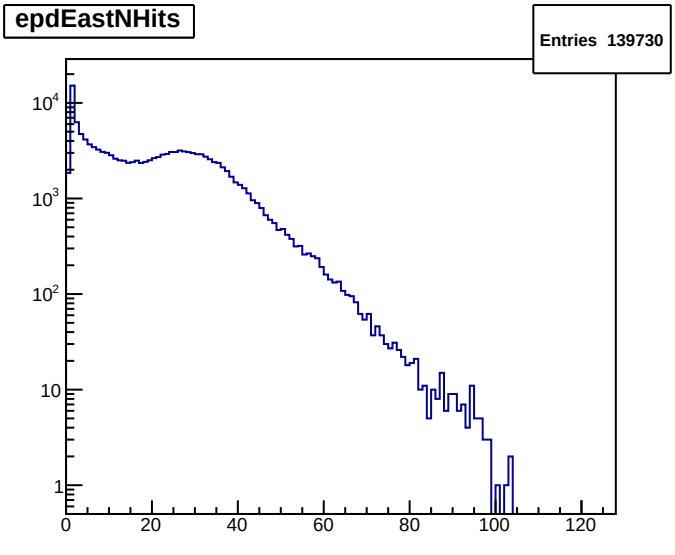

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

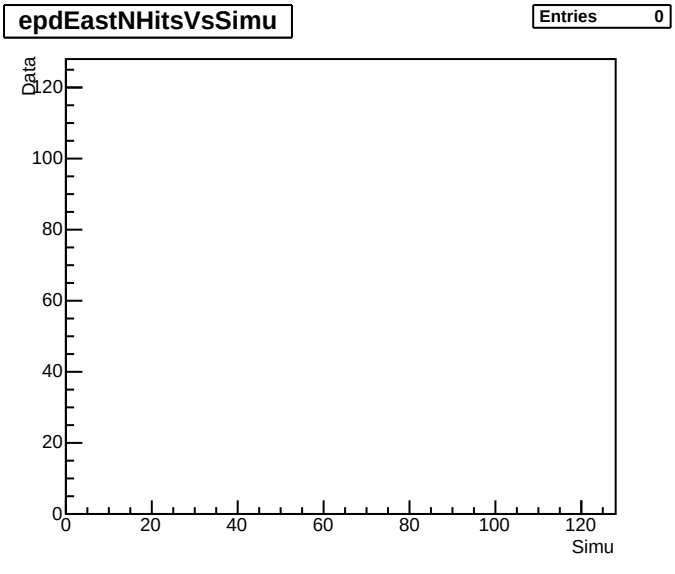

epdEastTac03
Entries 139730

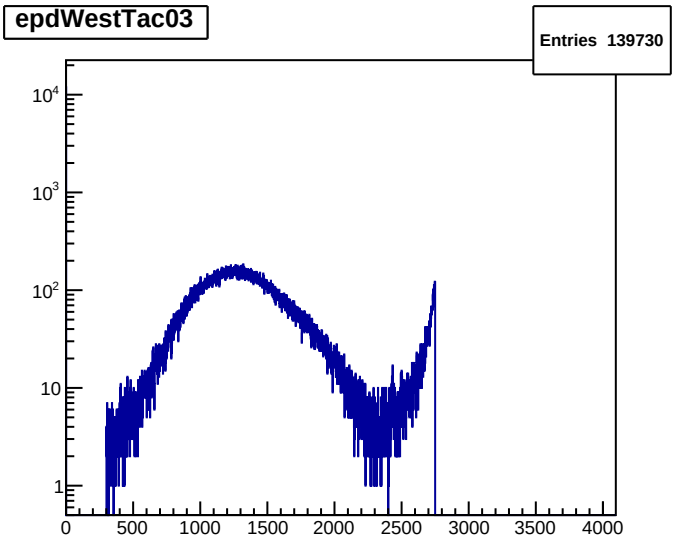

epdEastTac03VsSimu
Entries 0
Data
Simu

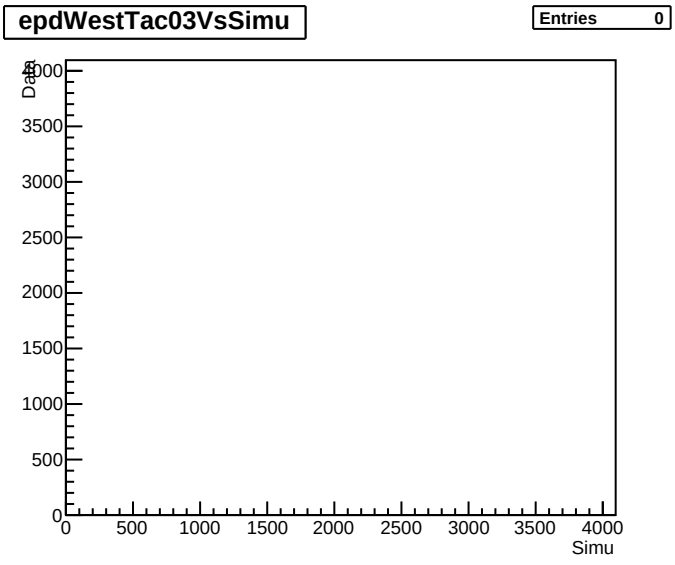

epdEastTac47
Entries 139730

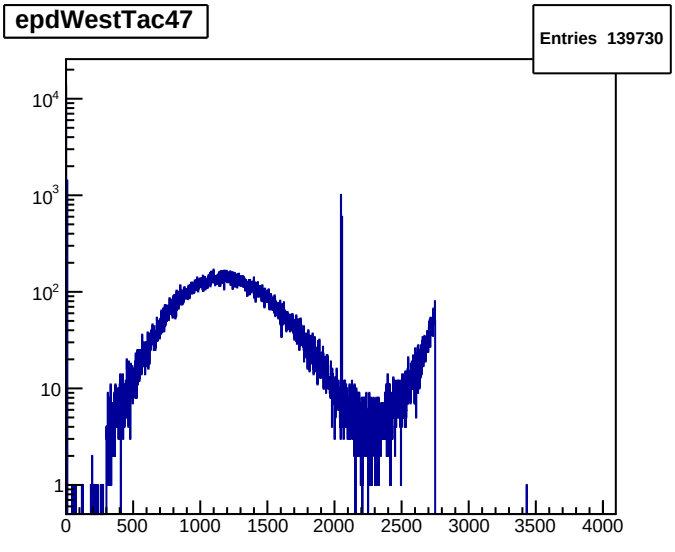

epdEastTac47VsSimu
Entries 0
Data
Simu

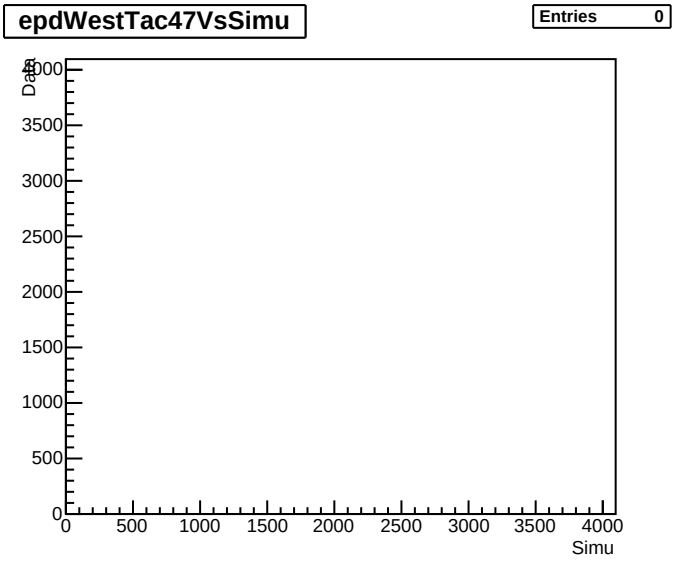

epdEastNHits
Entries 139730

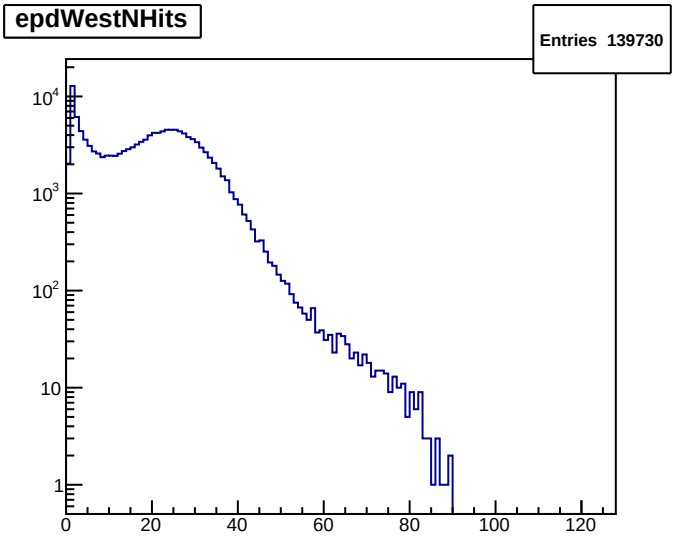

epdEastNHitsVsSimu
Entries 0
Data
Simu

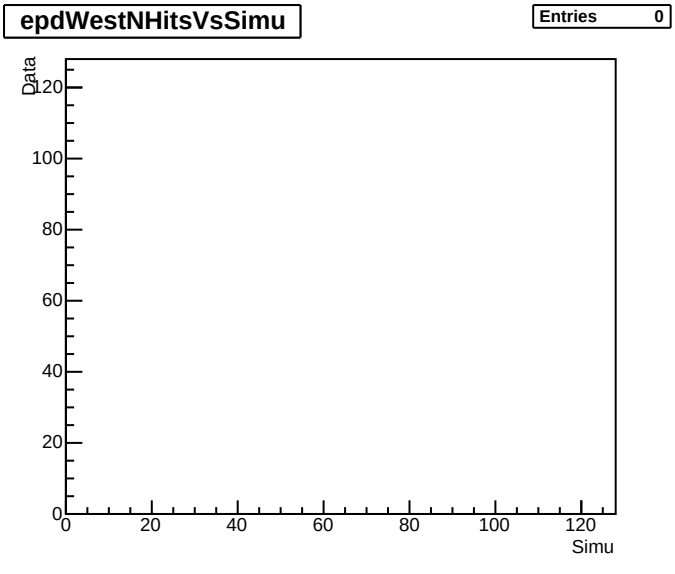

epdWestTac03
Entries 139730

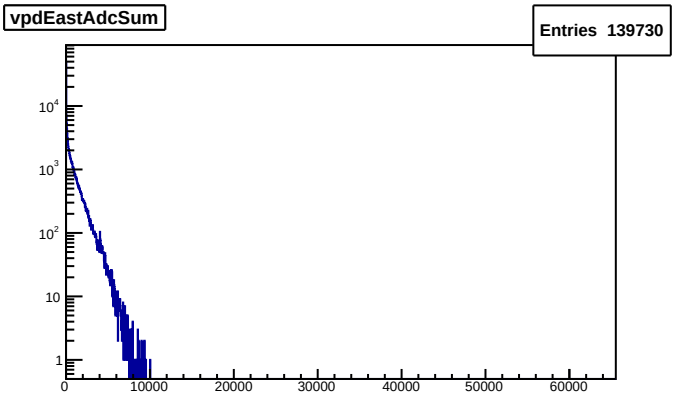

epdWestTac03VsSimu
Entries 0
Data
Simu

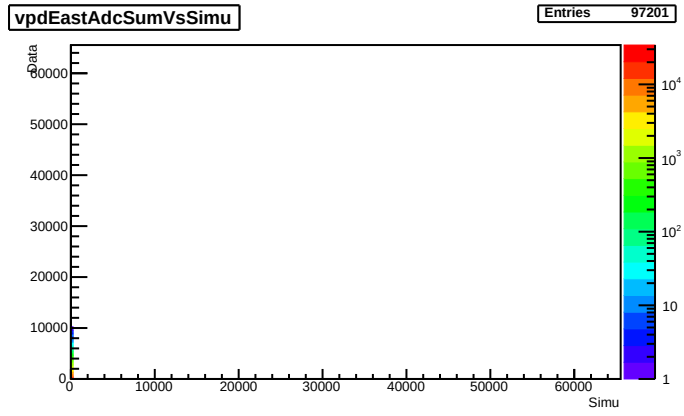

epdWestTac47
Entries 139730

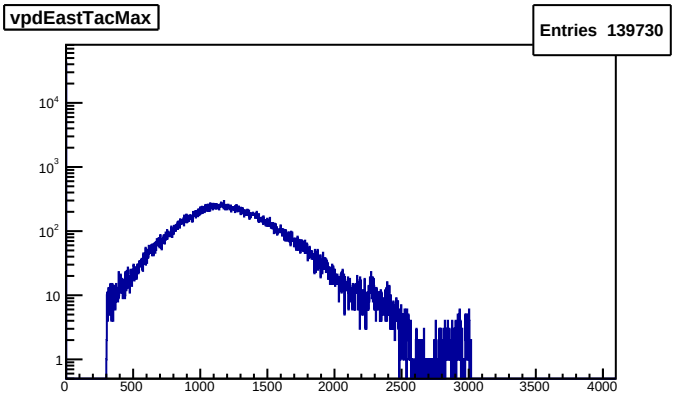

epdWestTac47VsSimu
Entries 0
Data
Simu

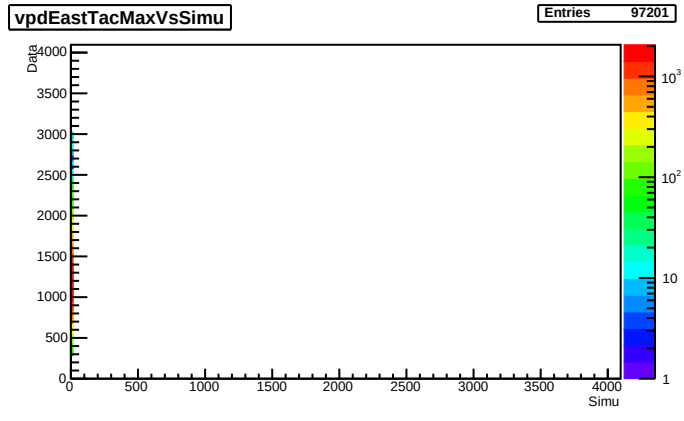

epdWestNHits
Entries 139730

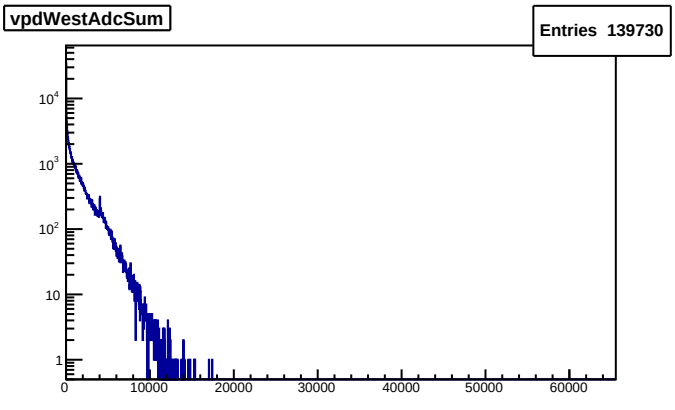

epdWestNHitsVsSimu
Entries 0
Data
Simu

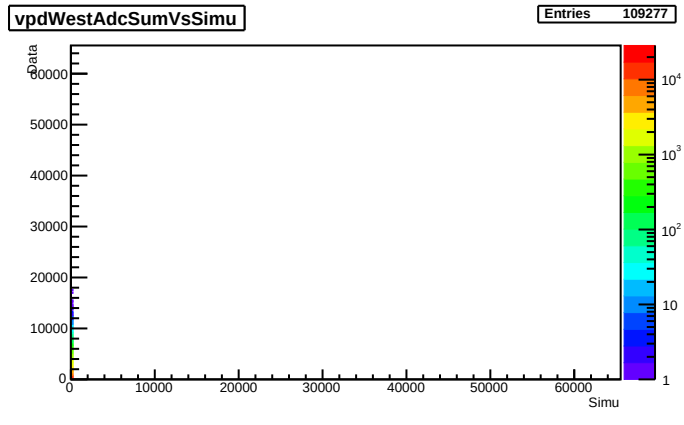

vpdEastAdcSum
Entries 139730

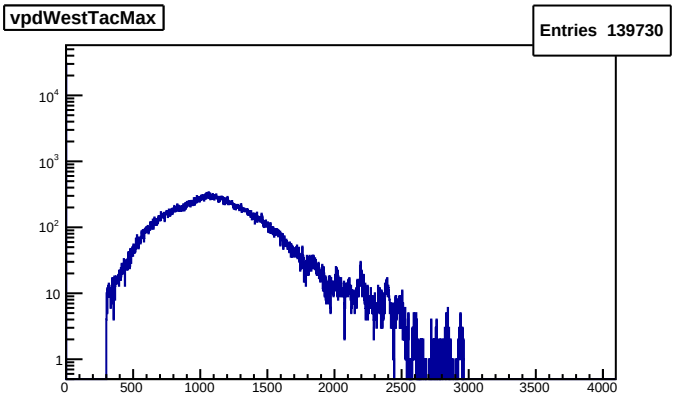

vpdEastAdcSumVsSimu
Entries 97201
Data
Simu

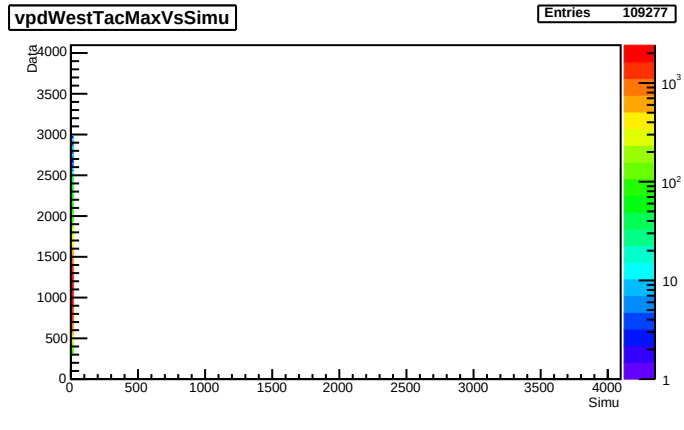

vpdEastTacMax
Entries 139730

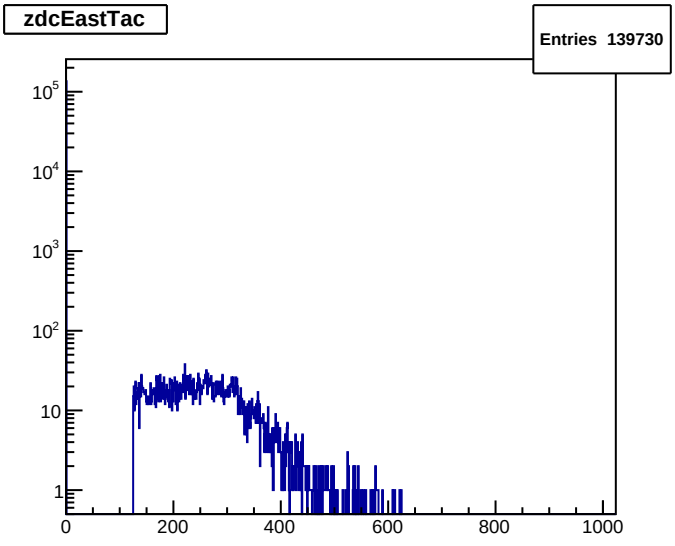

vpdEastTacMaxVsSimu
Entries 97201
Data
Simu

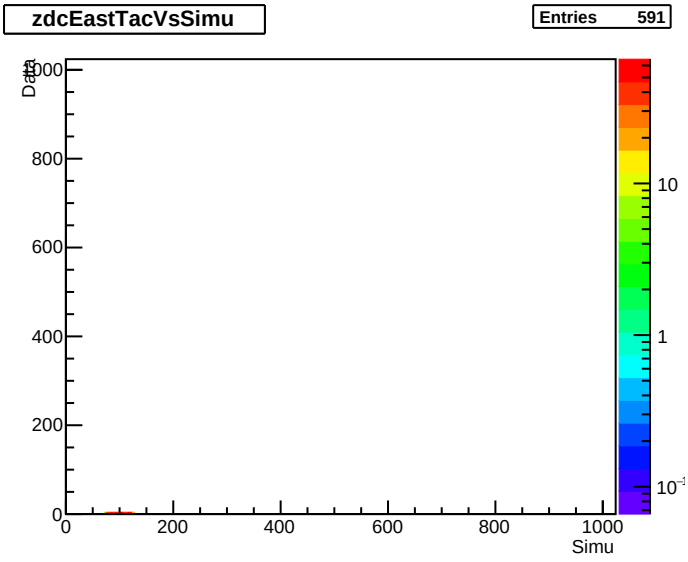

vpdWestAdcSum
Entries 139730

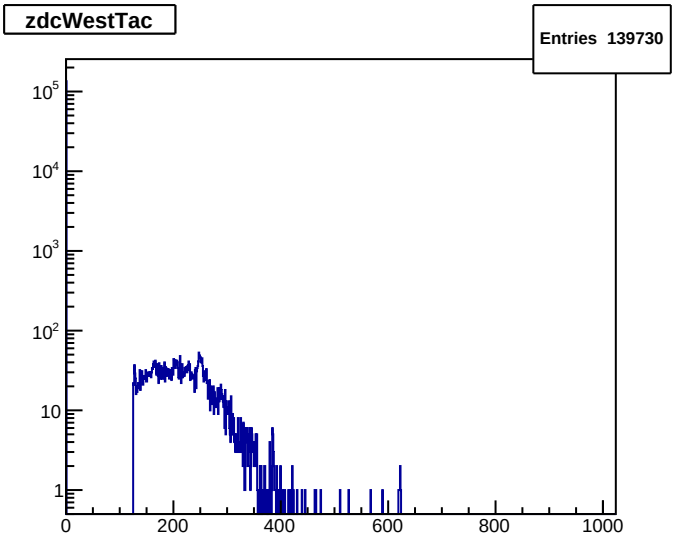

vpdWestAdcSumVsSimu
Entries 109277
Data
Simu

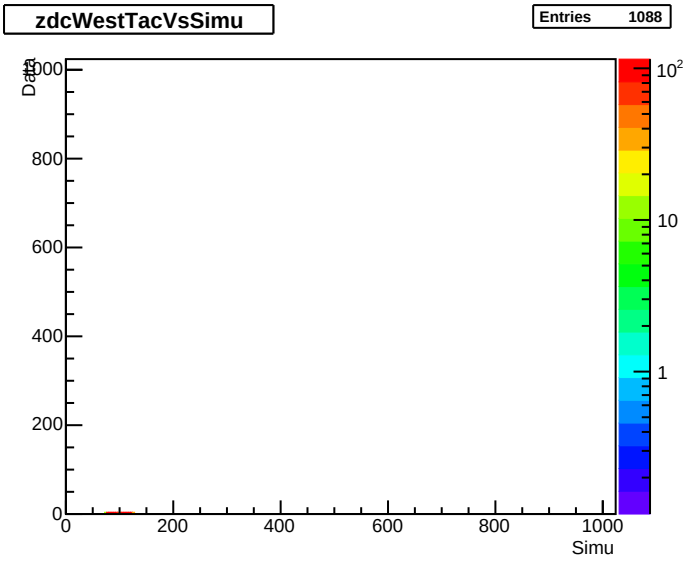

vpdWestTacMax
Entries 139730

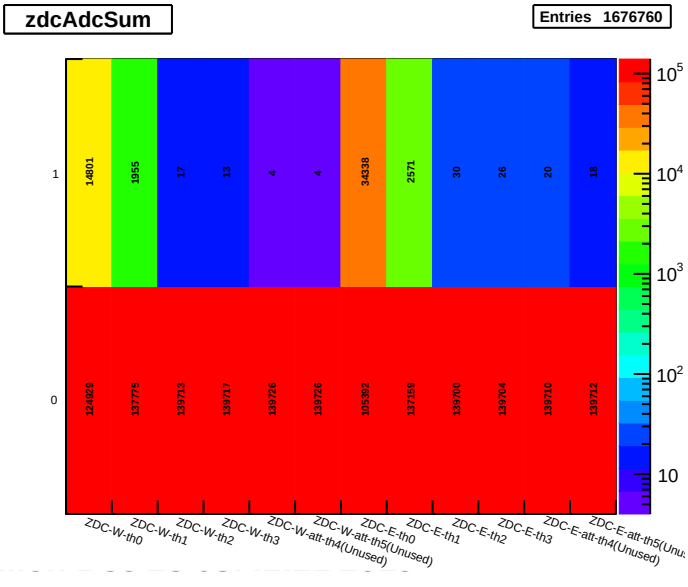

vpdWestTacMaxVsSimu
Entries 109277
Data
Simu

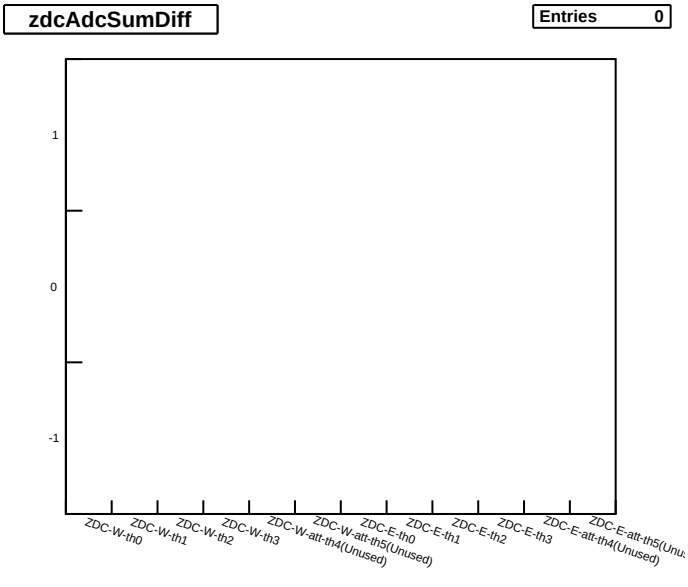

zdcEastTac
Entries 139730

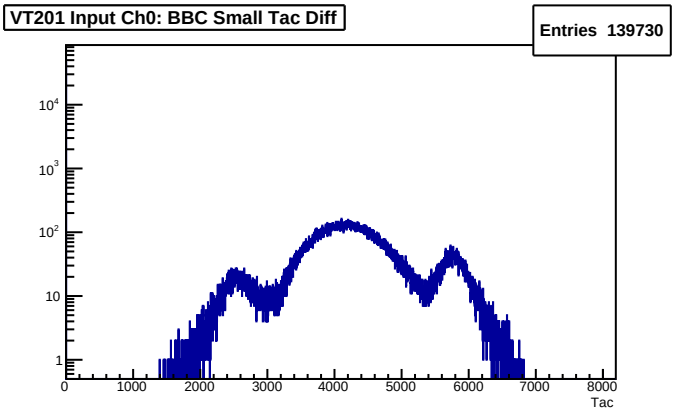

zdcEastTacVsSimu
Entries 591
Data
Simu

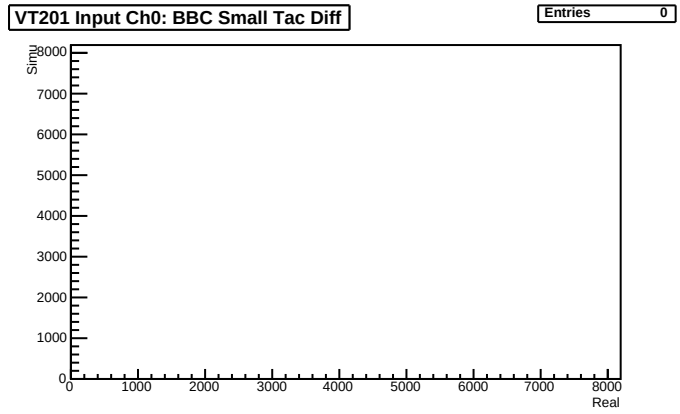

zdcWestTac
Entries 139730

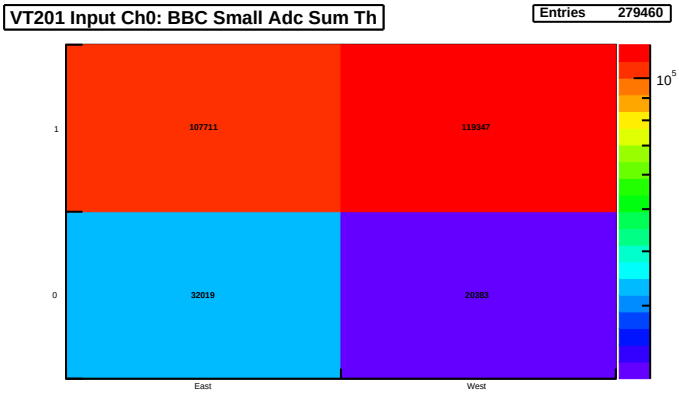

zdcWestTacVsSimu
Entries 1088
Data
Simu

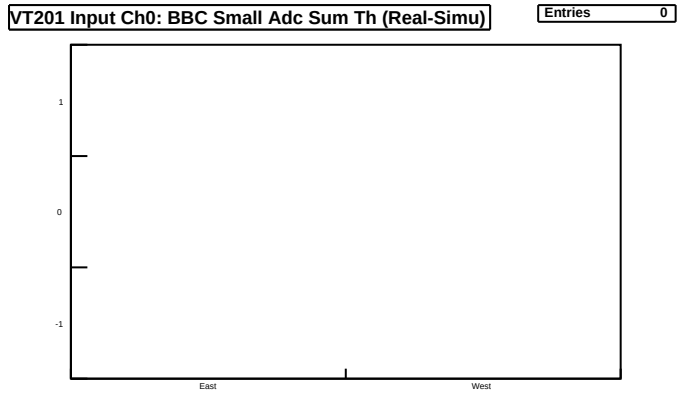

zdcAdcSum
Entries 1676760
14801
1955
17
13
4
4
34338
2571
30
26
20
18
124829
137775
139713
139717
139726
139726
105392
137159
139700
139704
139710
139712
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

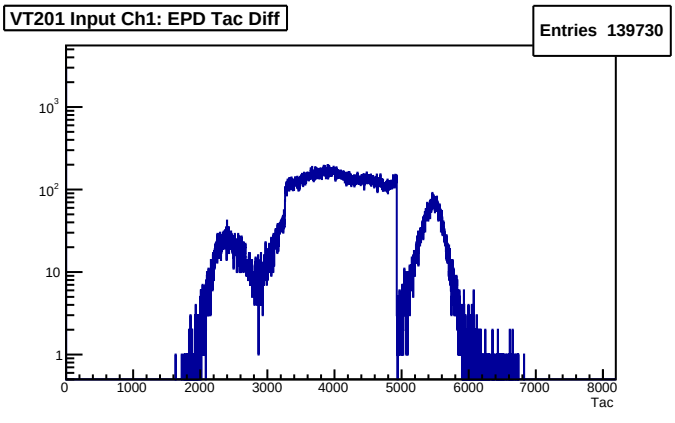

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

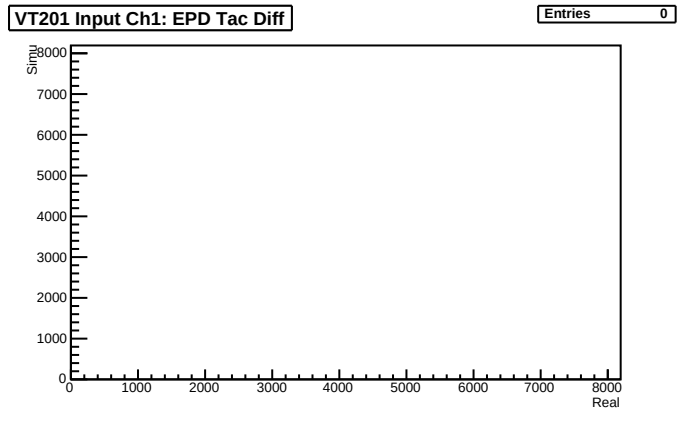

VT201 Input Ch0: BBC Small Tac Diff
Entries 139730
Tac

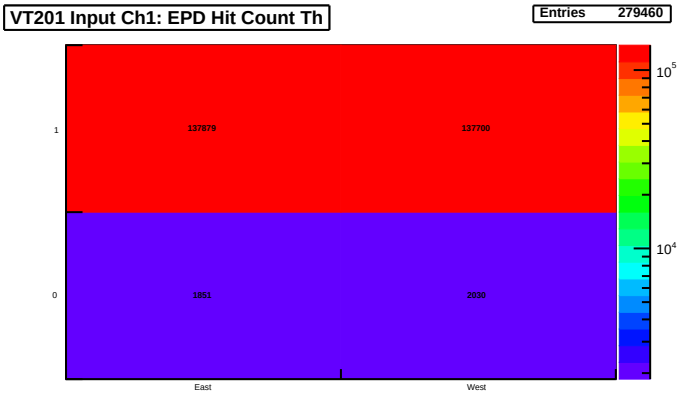

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

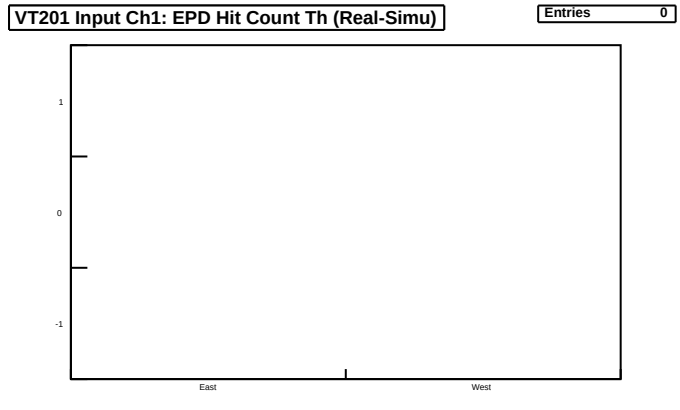

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 279460
107711
119347
32019
20383
East
West

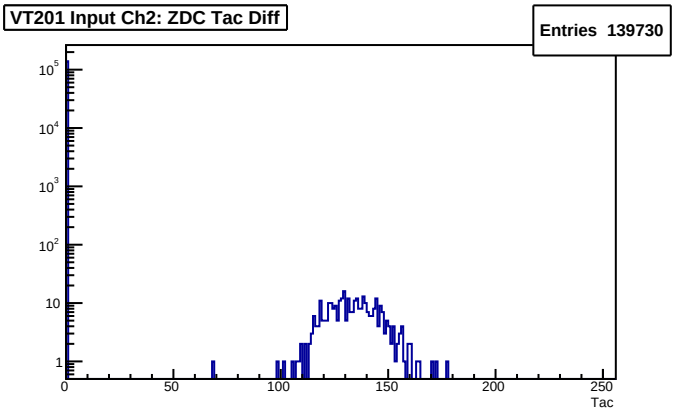

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

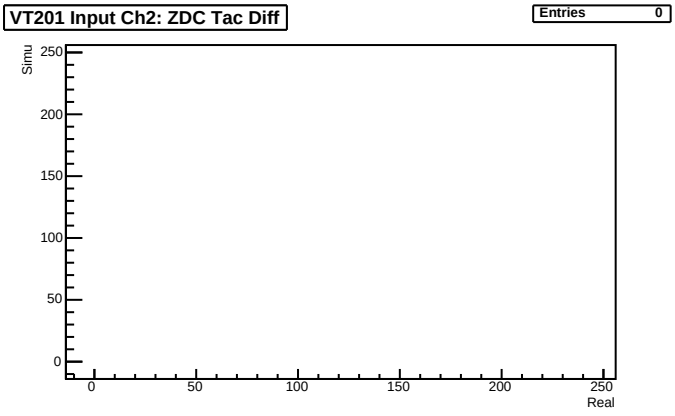

VT201 Input Ch1: EPD Tac Diff
Entries 139730
Tac

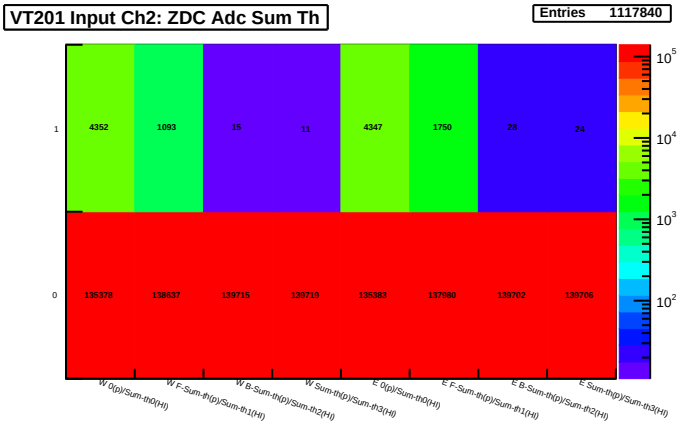

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

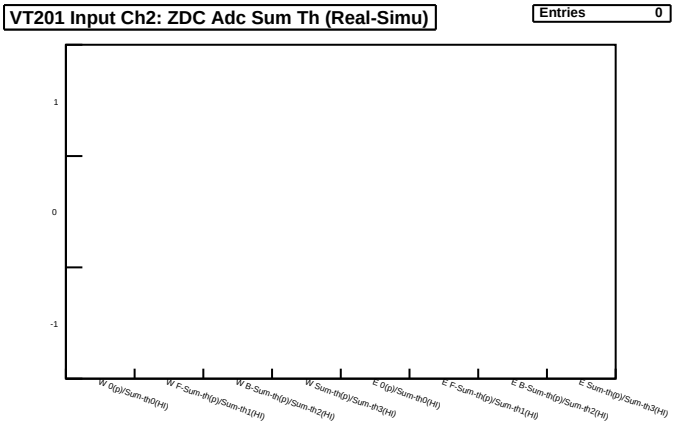

VT201 Input Ch1: EPD Hit Count Th
Entries 279460
137879
137700
1851
2030
East
West

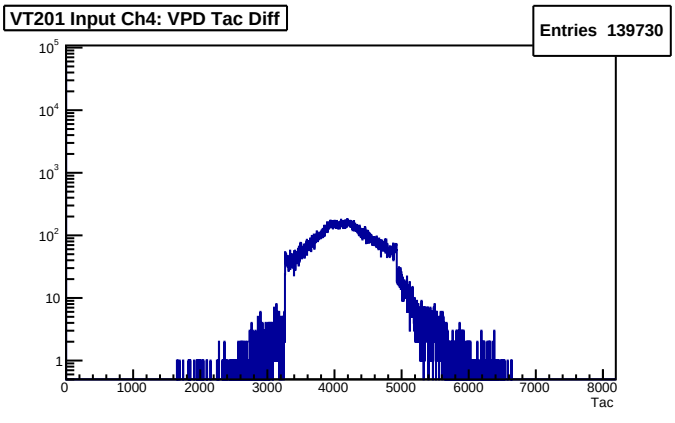

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

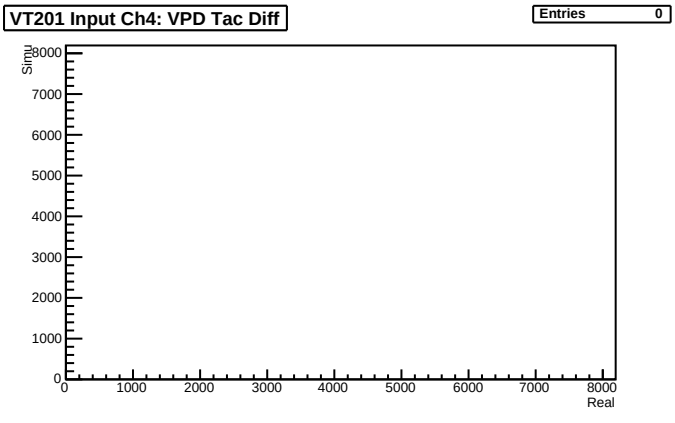

VT201 Input Ch2: ZDC Tac Diff
Entries 139730
Tac

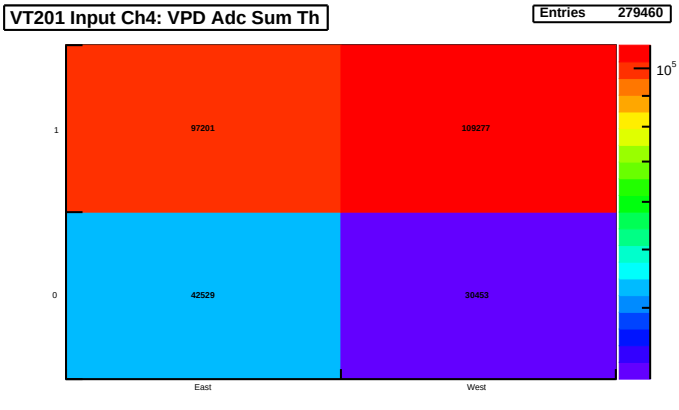

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

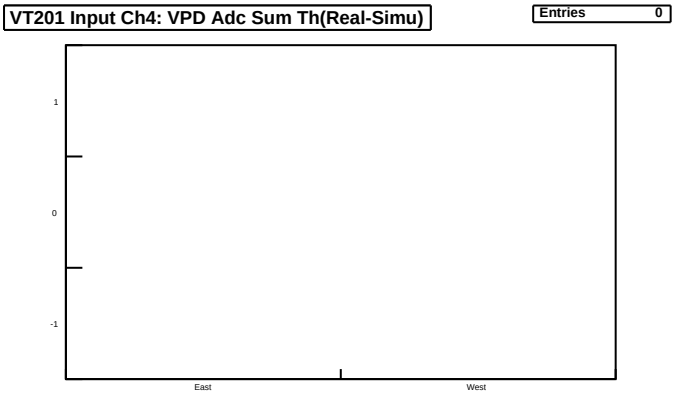

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1117840
4352
1093
15
11
4347
1750
28
24
135378
138637
139715
139719
135383
137980
139702
139706
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

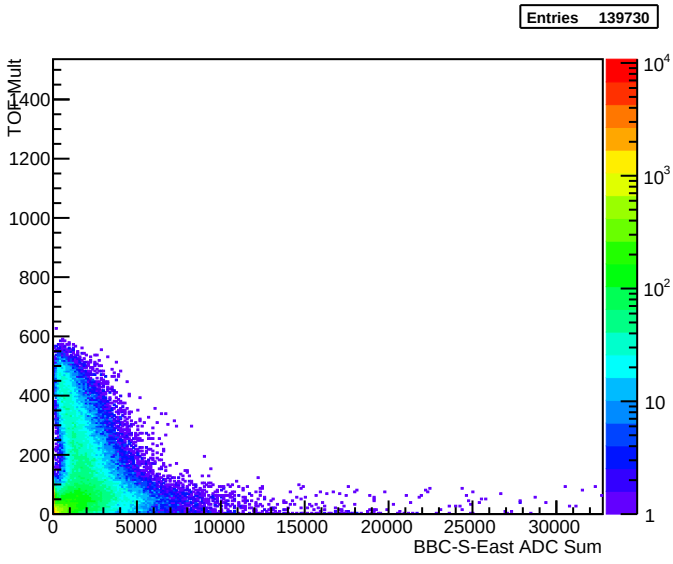

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

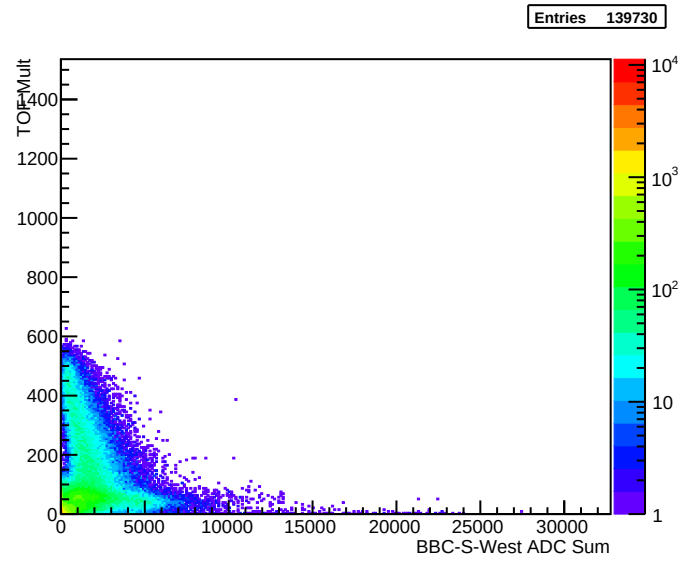

VT201 Input Ch4: VPD Tac Diff
Entries 139730
Tac

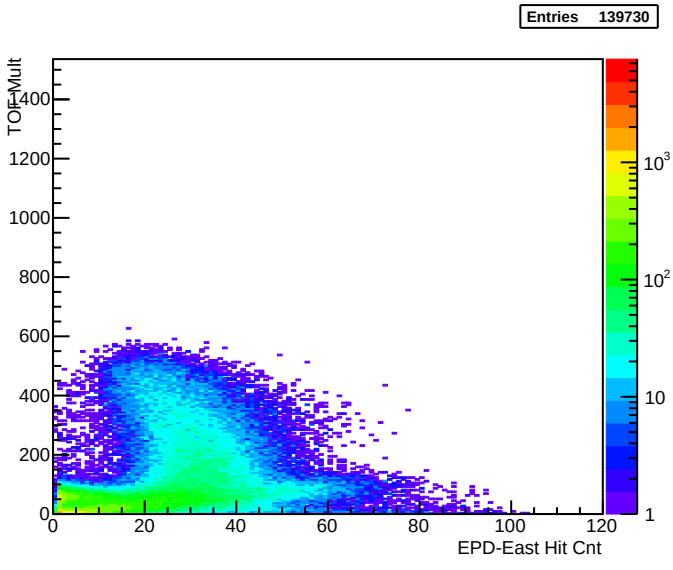

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

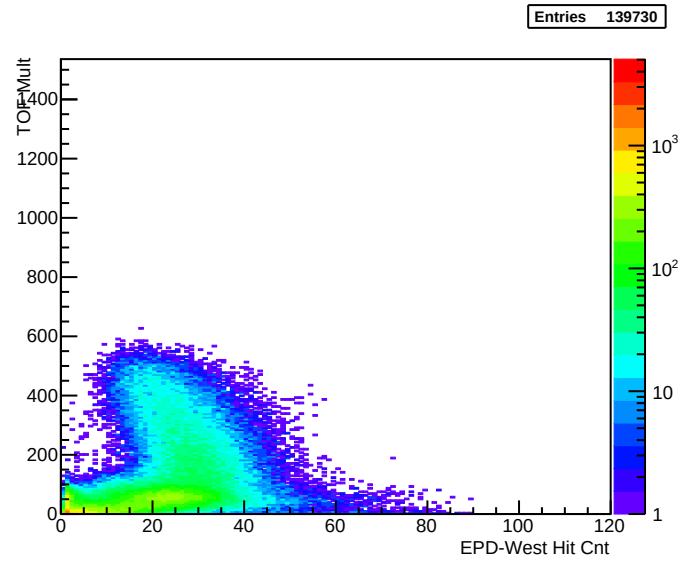

VT201 Input Ch4: VPD Adc Sum Th
Entries 279460
97201
109277
42529
30453
East
West

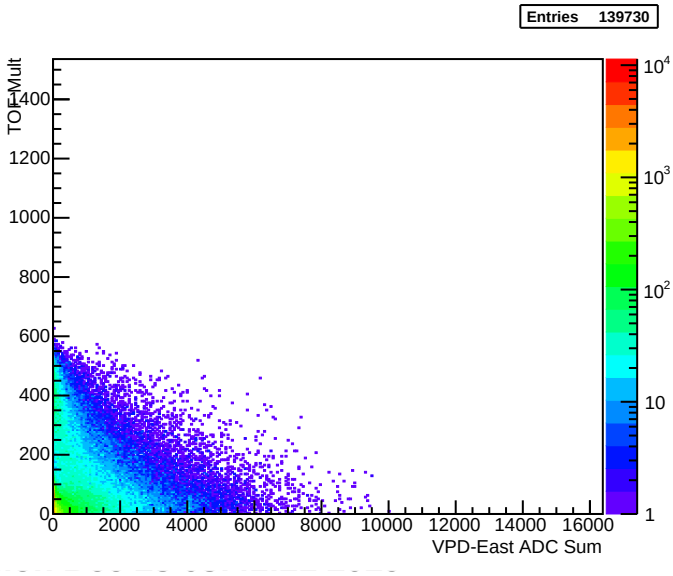

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

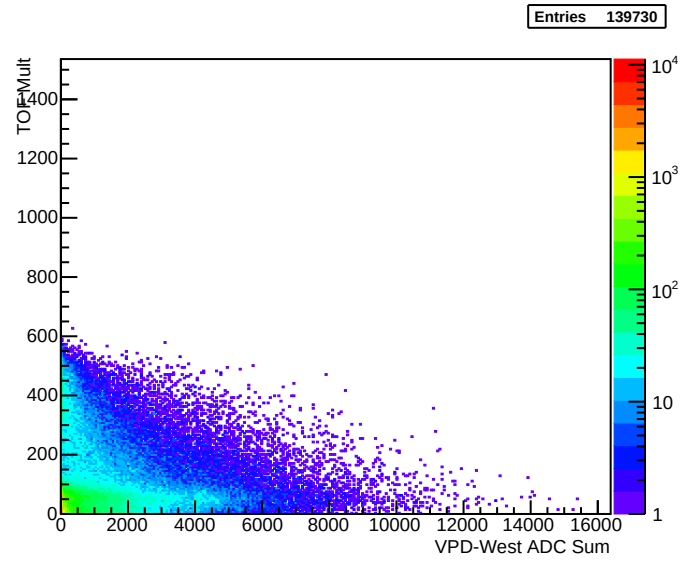

Entries 139730
TOF-Mult
BBC-S-East ADC Sum

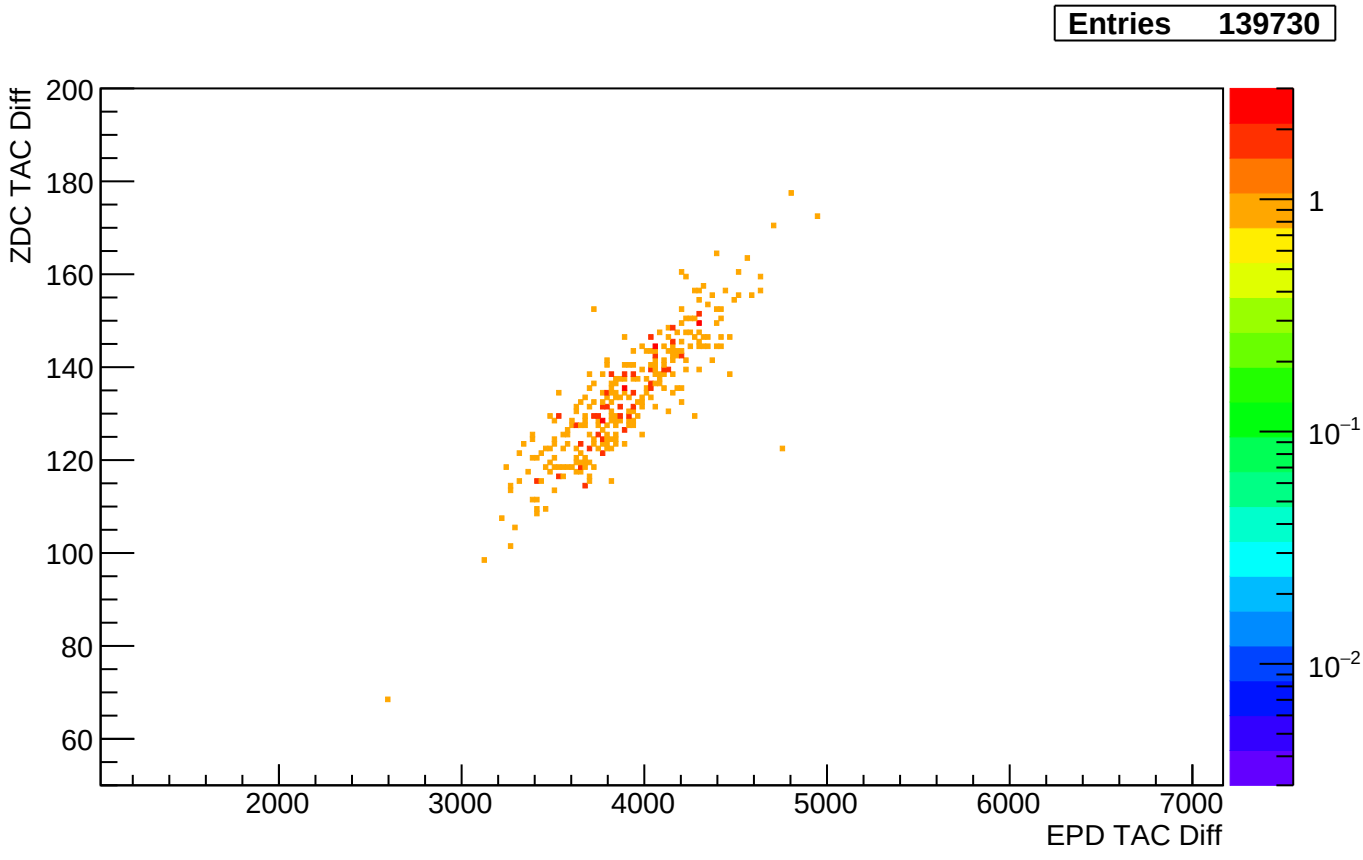

Entries 139730
TOF-Mult
BBC-S-West ADC Sum

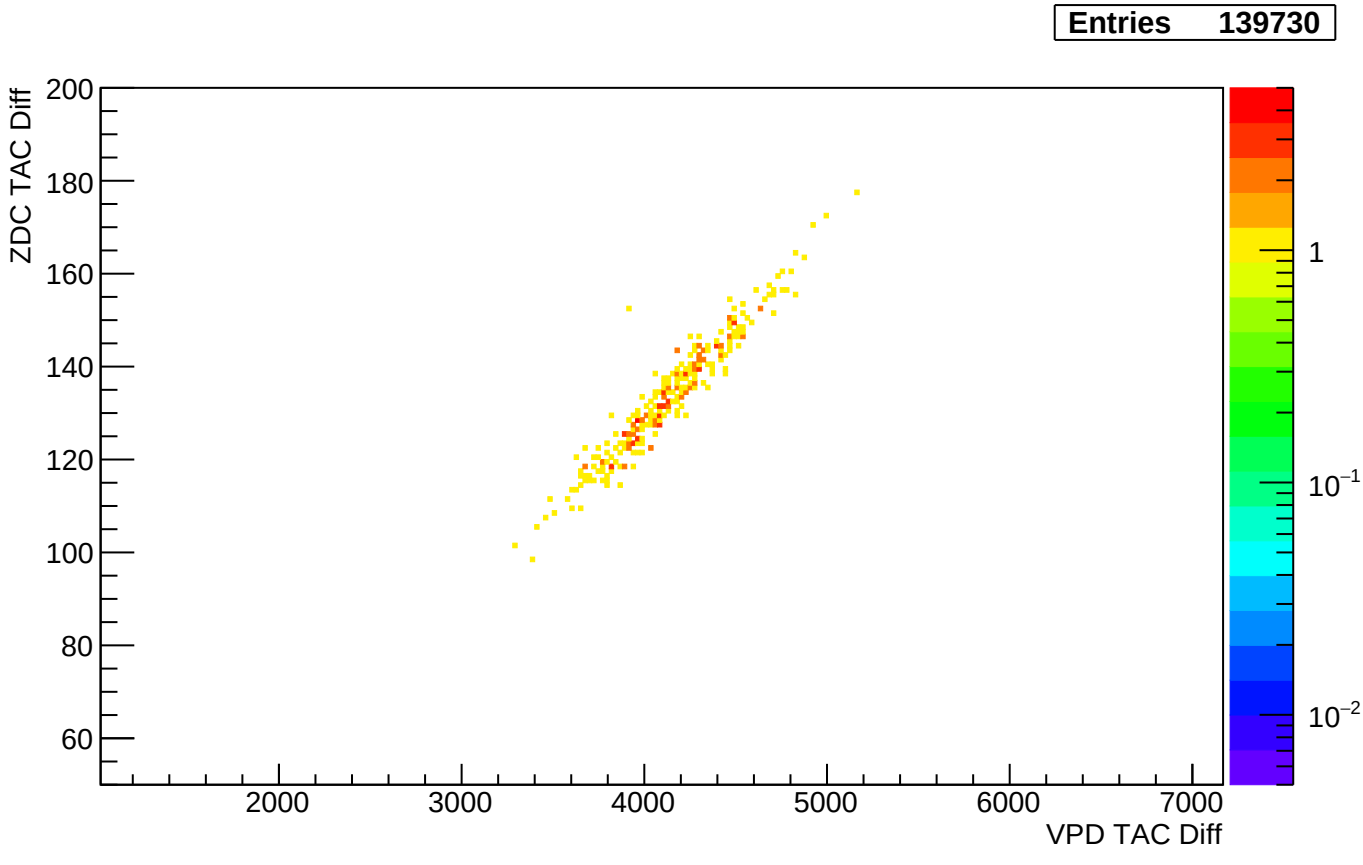

Entries 139730
TOF-Mult
EPD-East Hit Cnt

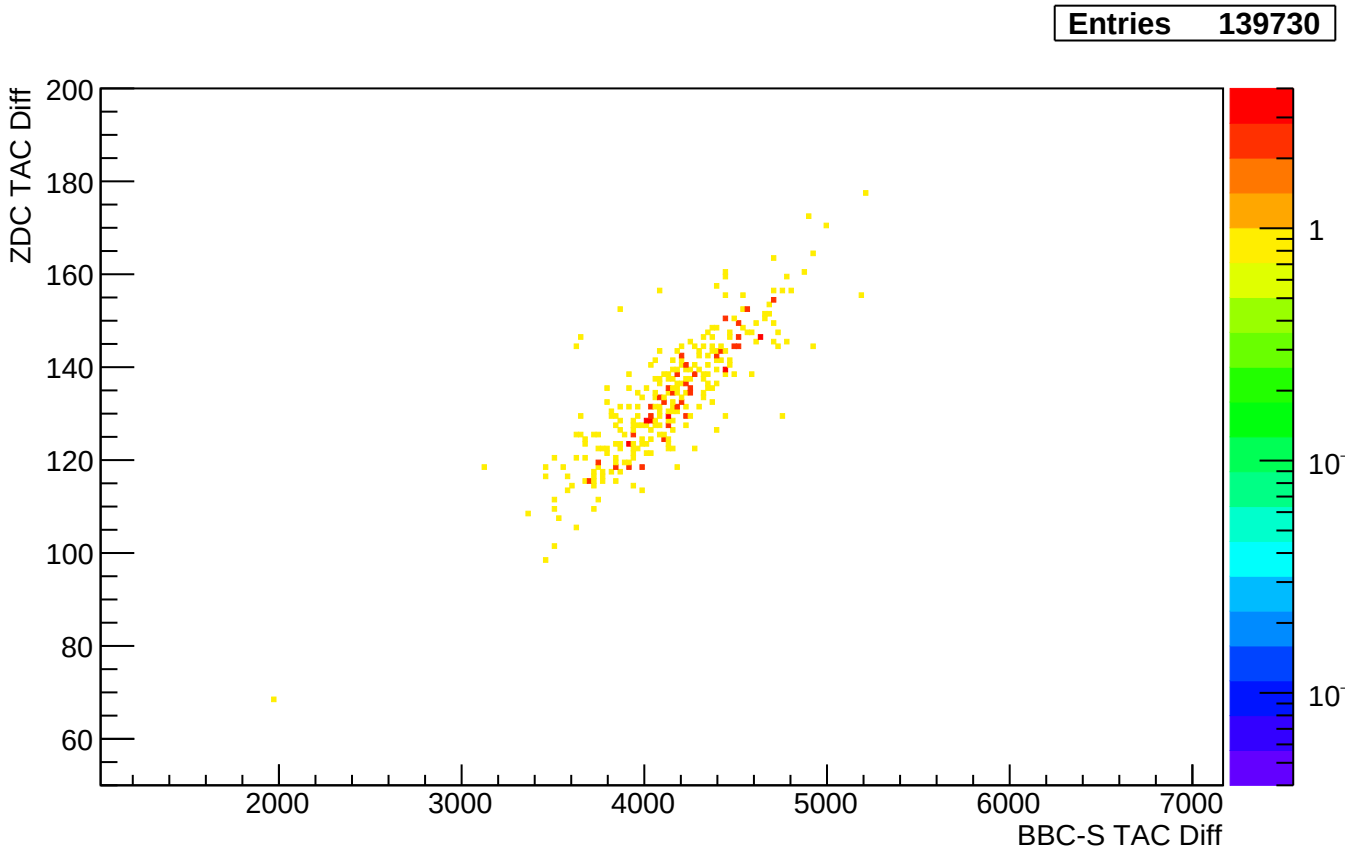

Entries 139730
TOF-Mult
EPD-West Hit Cnt

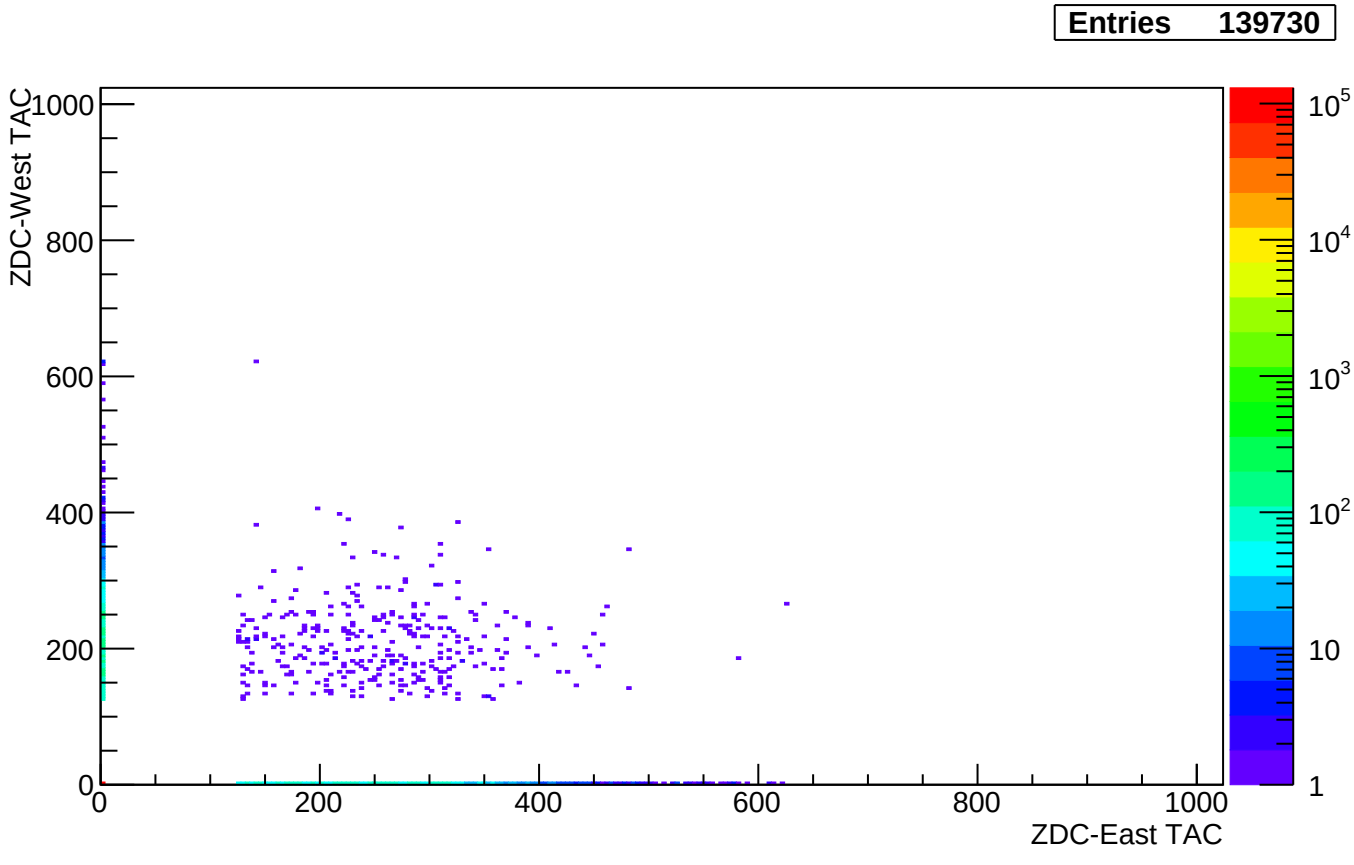

Entries 139730
TOF-Mult
VPD-East ADC Sum

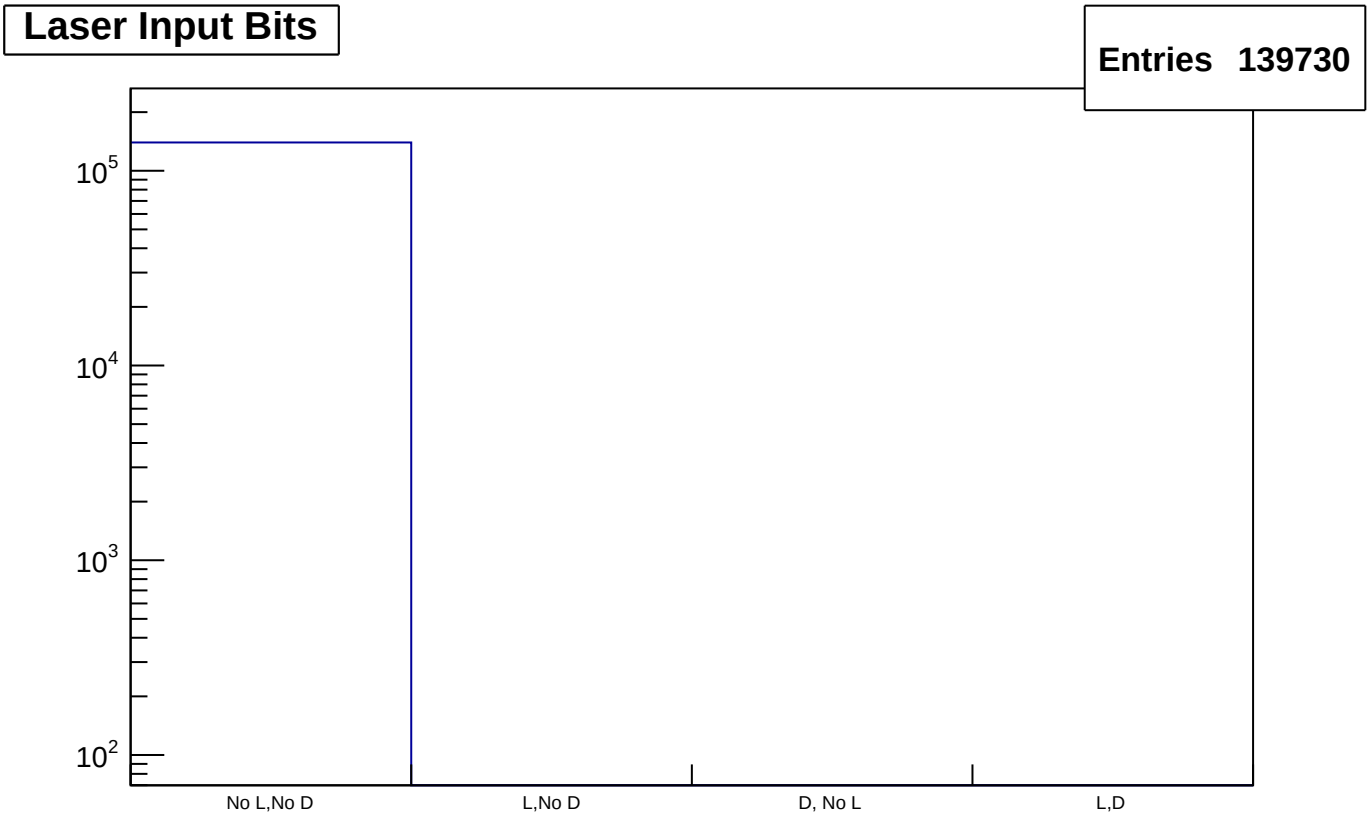

Entries 139730
TOF-Mult
VPD-West ADC Sum

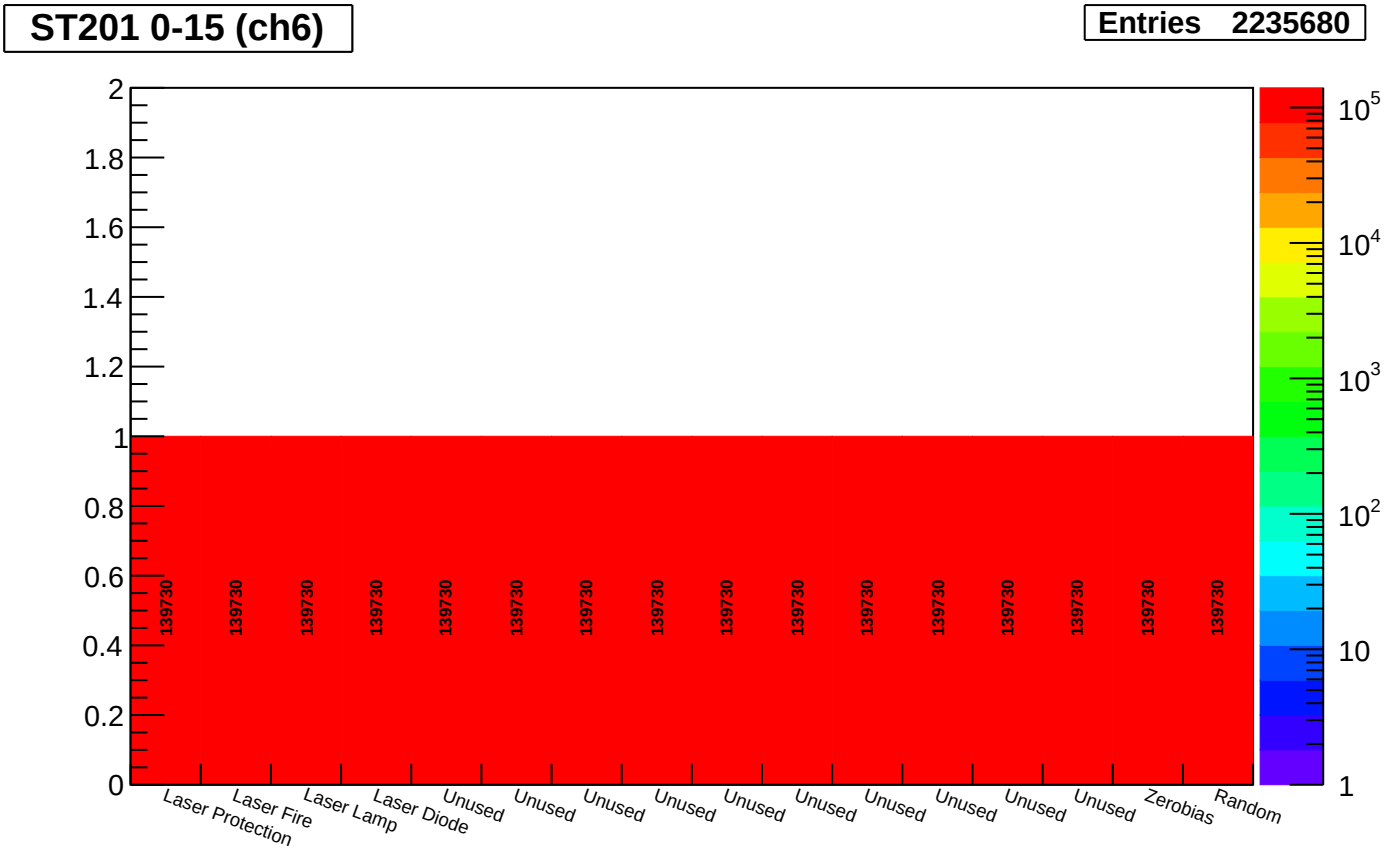

Entries 139730
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

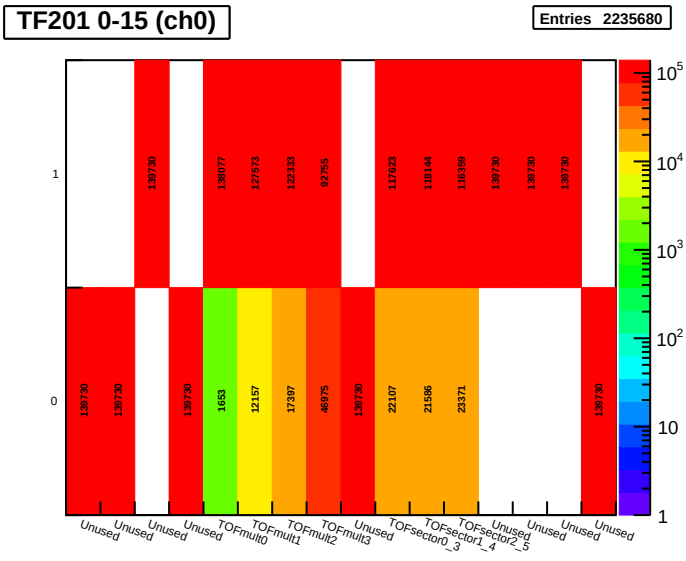

Entries 139730
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

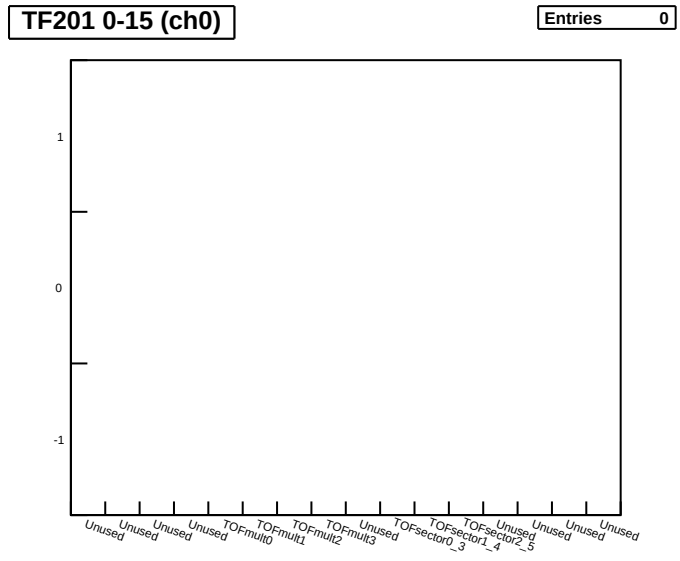

Entries 139730
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

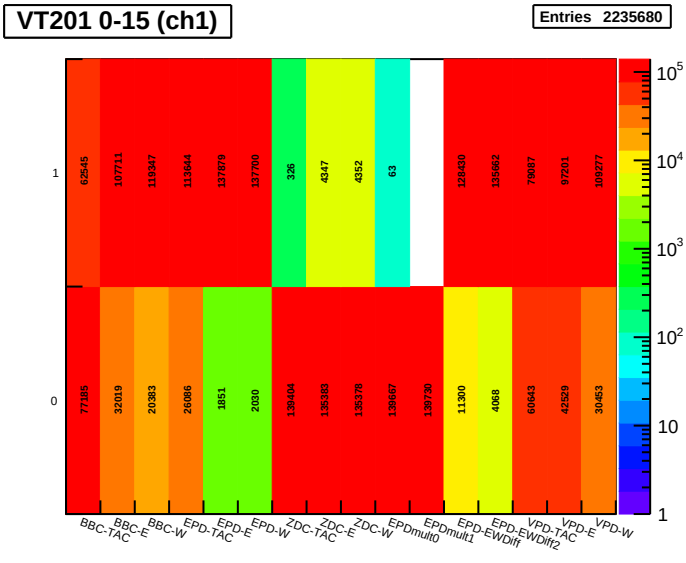

Entries 139730
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

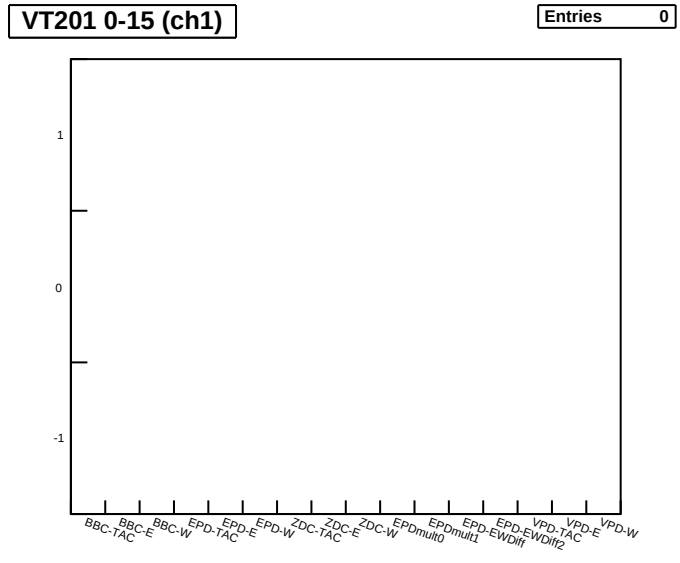

Laser Input Bits
Entries 139730
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

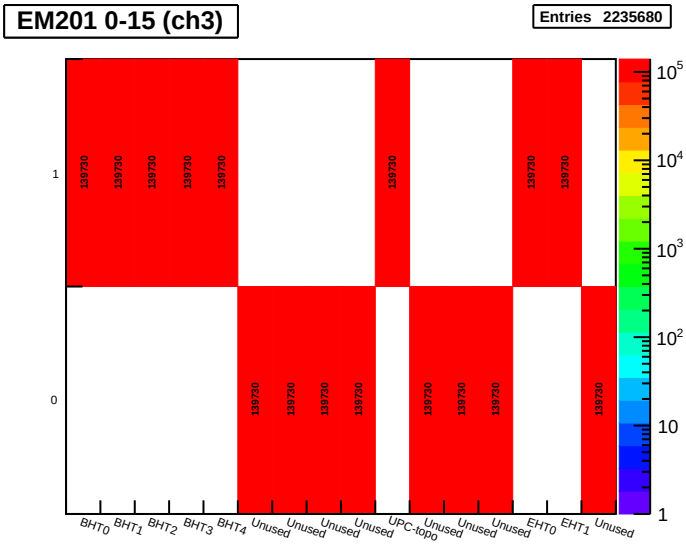

ST201 0-15 (ch6)
Entries 2235680
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
139730
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

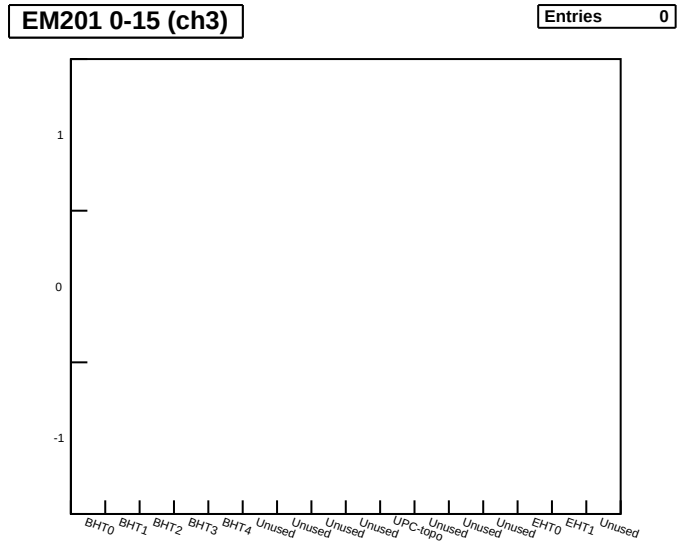

TF201 0-15 (ch0)
Entries 2235680
1
0
139730
139730
139730
139730
138077
127573
122333
92755
117623
118144
116359
139730
139730
139730
139730
139730
1653
12157
17397
46975
139730
22107
21586
23371
139730
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 2235680
1
0
62545
107711
119347
113644
137879
137700
326
4347
4352
63
128430
135662
79087
97201
109277
77185
32019
20383
26086
1851
2030
139404
135383
135378
138667
139730
11300
4068
60643
42529
30453
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 2235680
1
0
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
139730
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