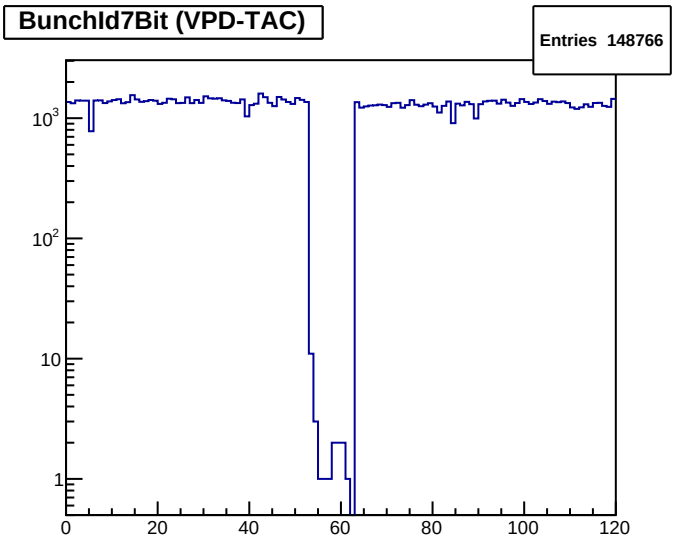
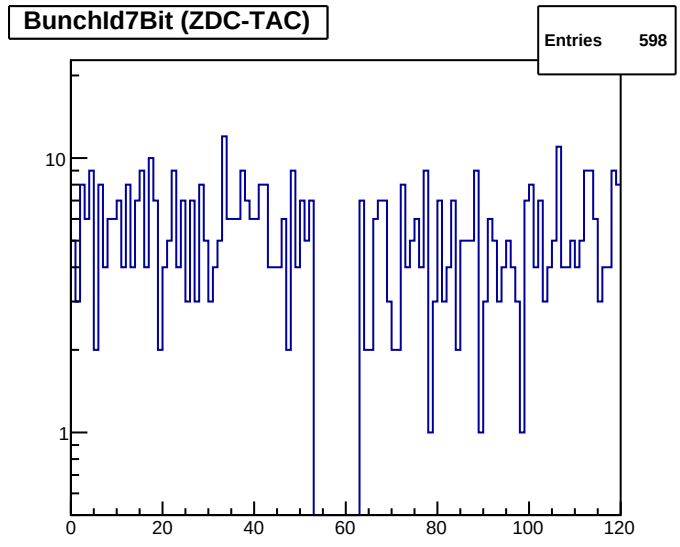
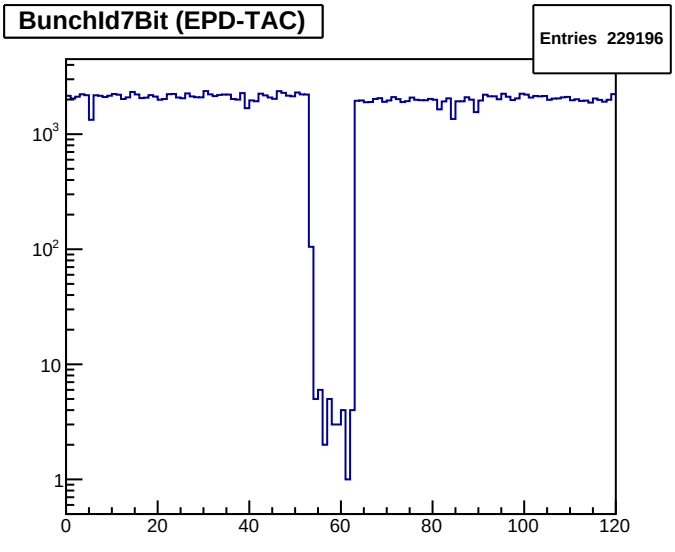
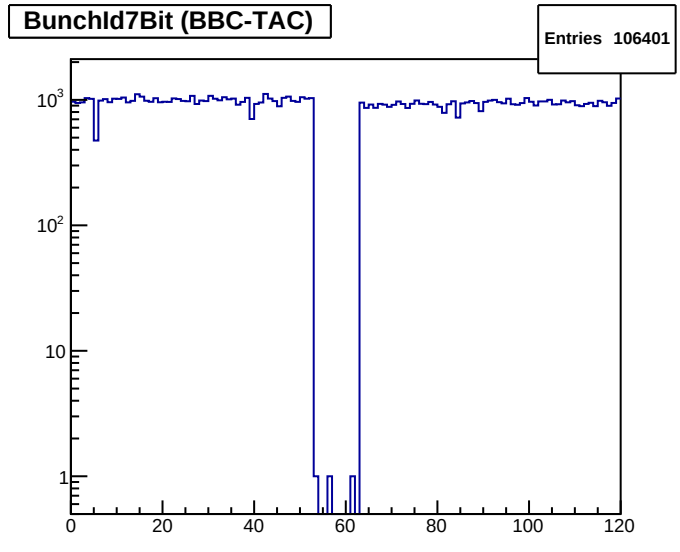
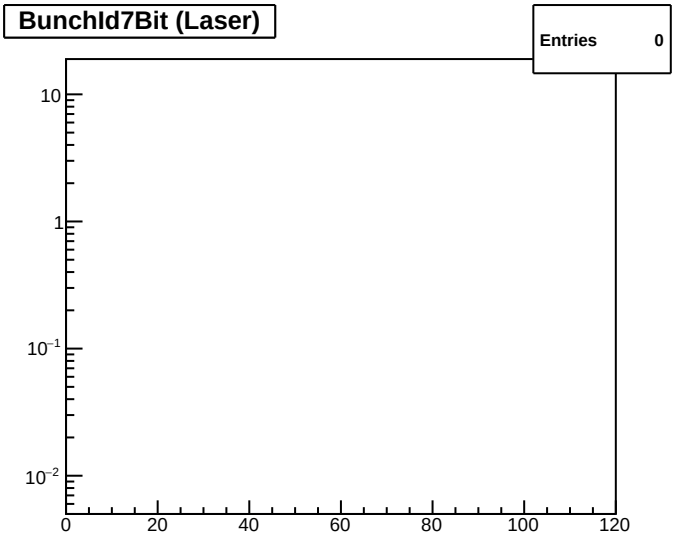
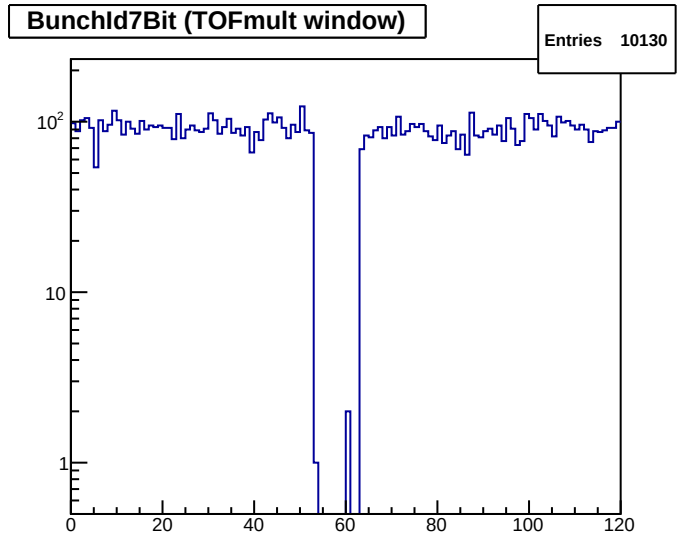

BunchId7Bit (VPD-TAC)
Entries 148766

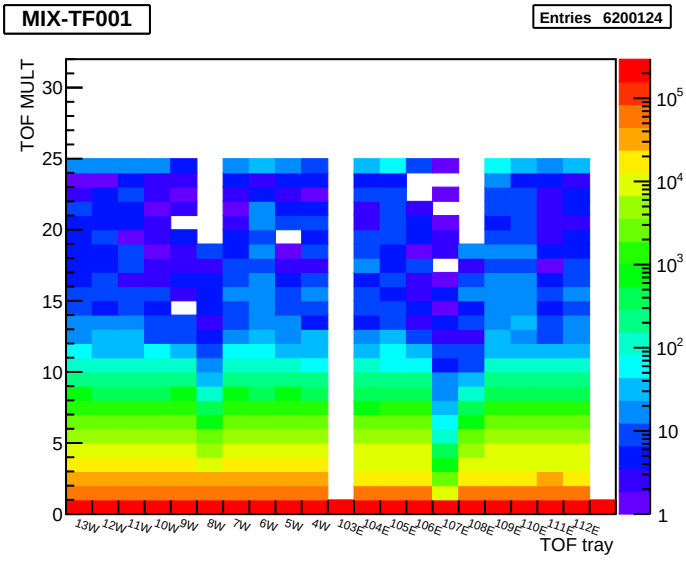

BunchId7Bit (ZDC-TAC)
Entries 598

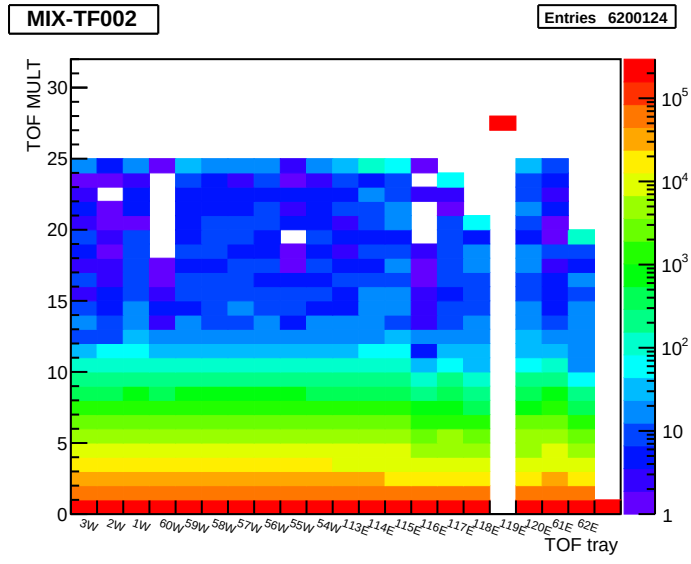

BunchId7Bit (EPD-TAC)
Entries 229196

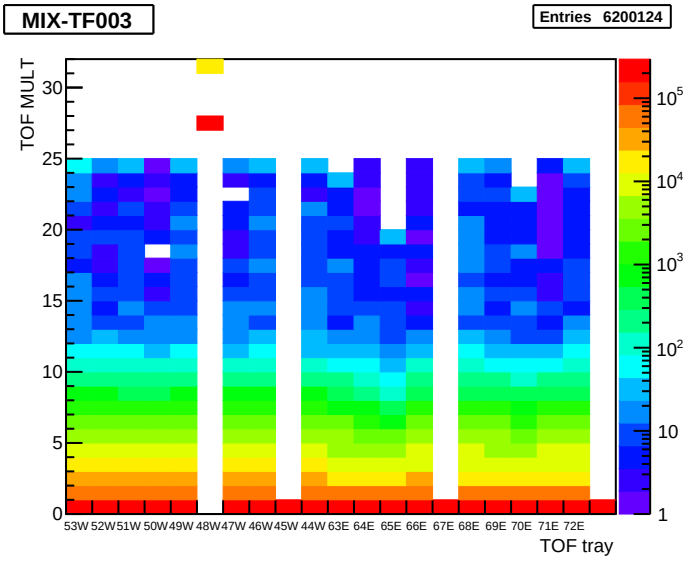

BunchId7Bit (BBC-TAC)
Entries 106401

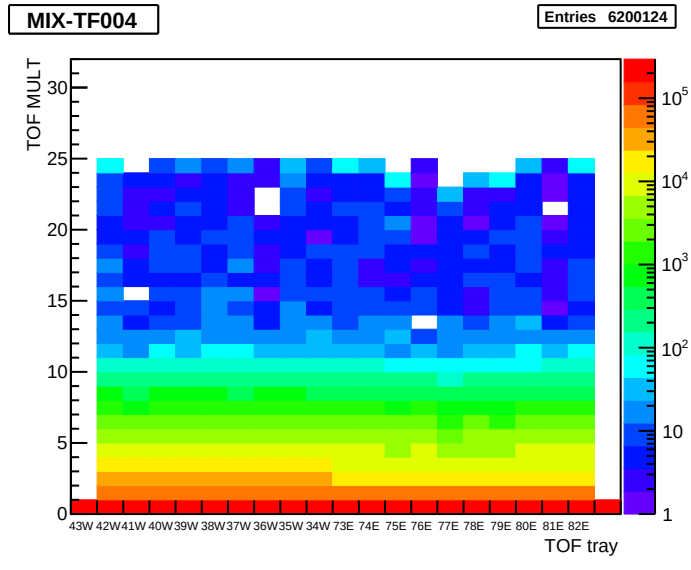

BunchId7Bit (Laser)
Entries 0

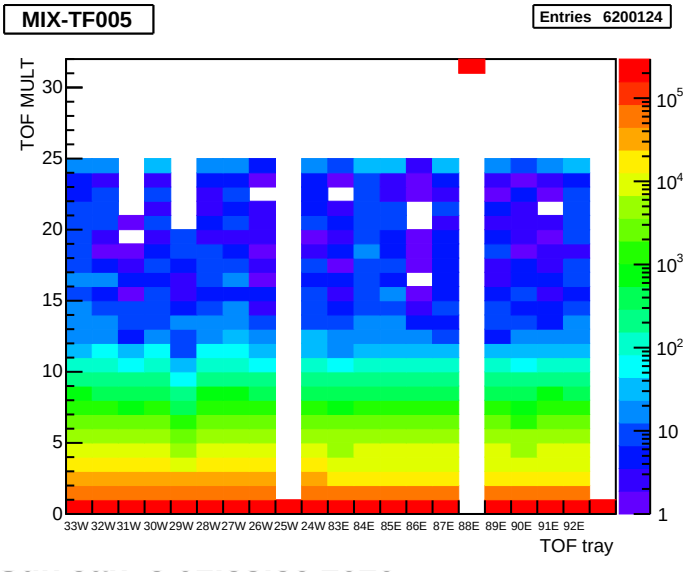

BunchId7Bit (TOFmult window)
Entries 10130

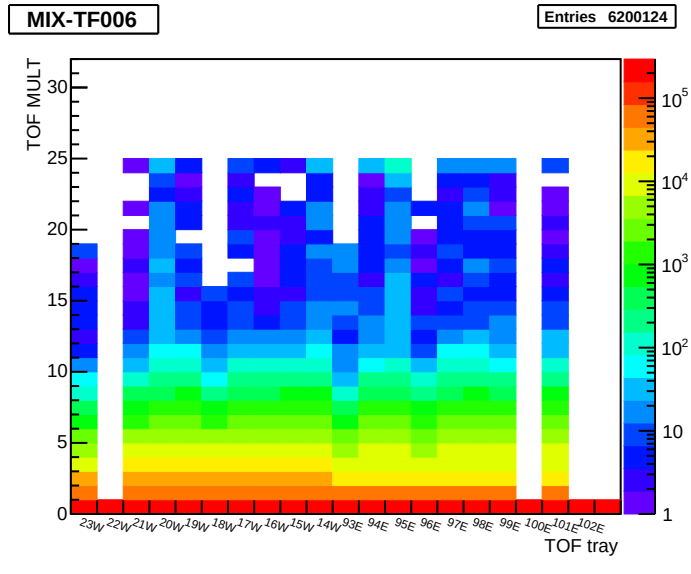

MIX-TF001
Entries 6200124
TOF MULT
TOF tray

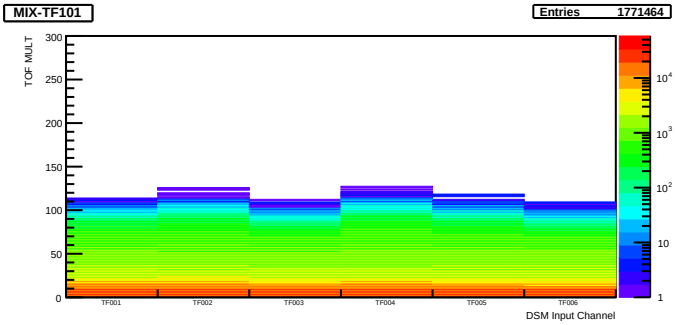

MIX-TF002
Entries 6200124
TOF MULT
TOF tray

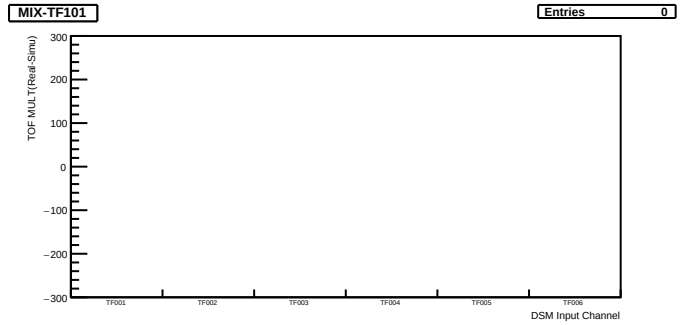

MIX-TF003
Entries 6200124
TOF MULT
TOF tray

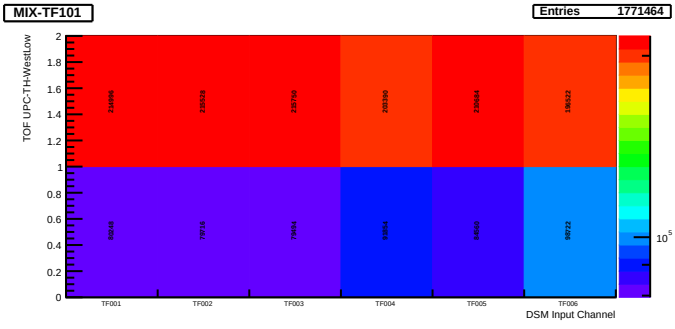

MIX-TF004
Entries 6200124
TOF MULT
TOF tray

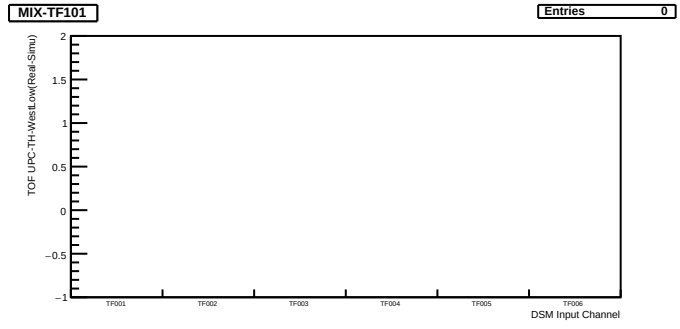

MIX-TF005
Entries 6200124
TOF MULT
TOF tray

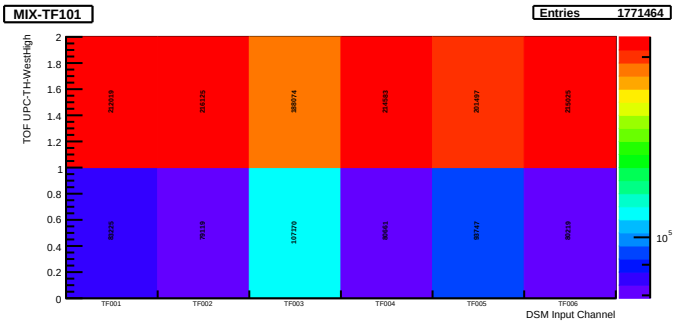

MIX-TF006
Entries 6200124
TOF MULT
TOF tray

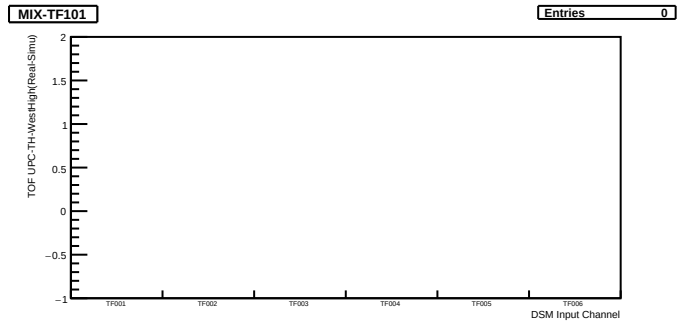

MIX-TF101
Entries 1771464
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

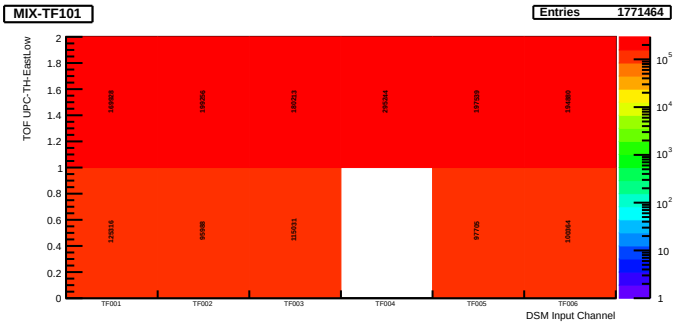

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

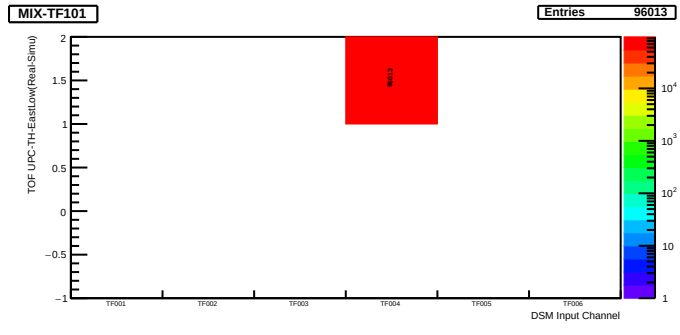

MIX-TF101
Entries 1771464
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

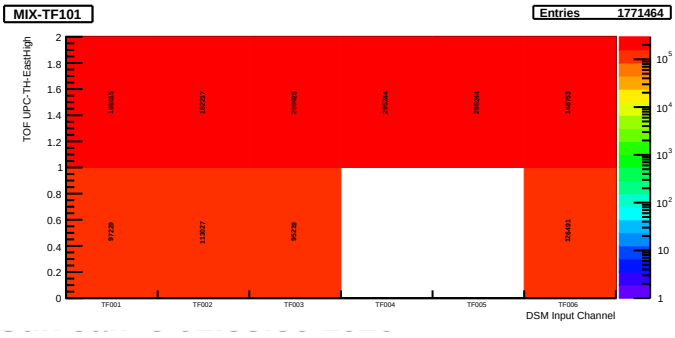

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

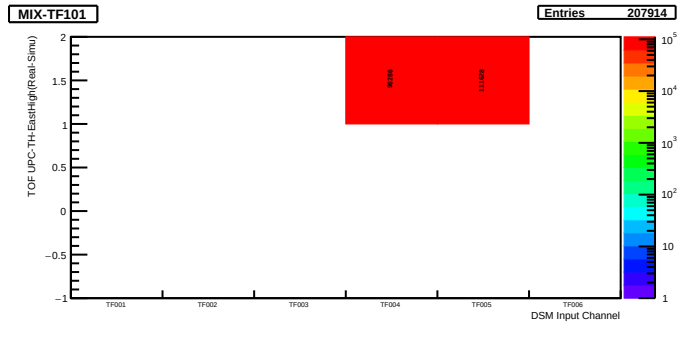

MIX-TF101
Entries 1771464
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

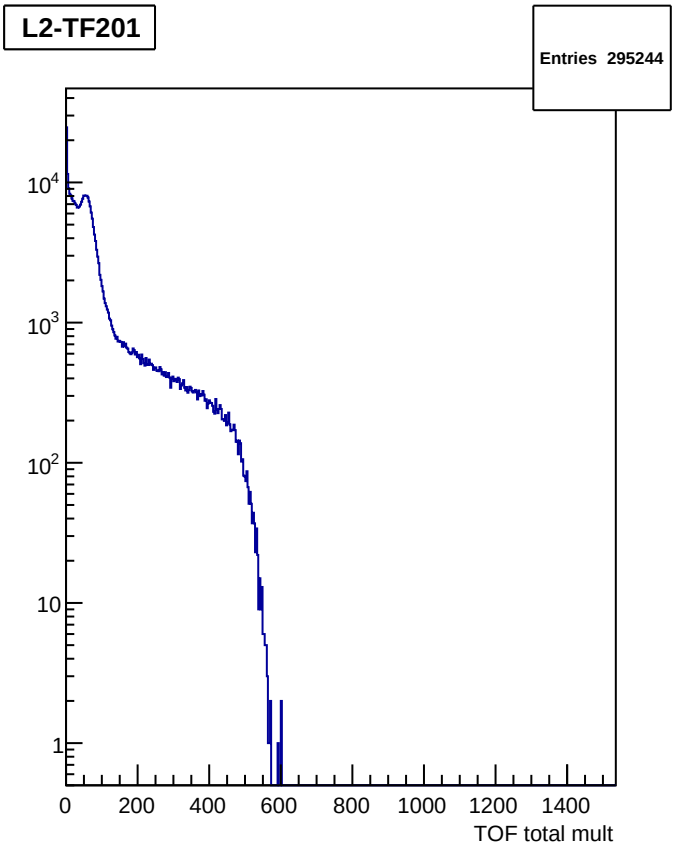

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

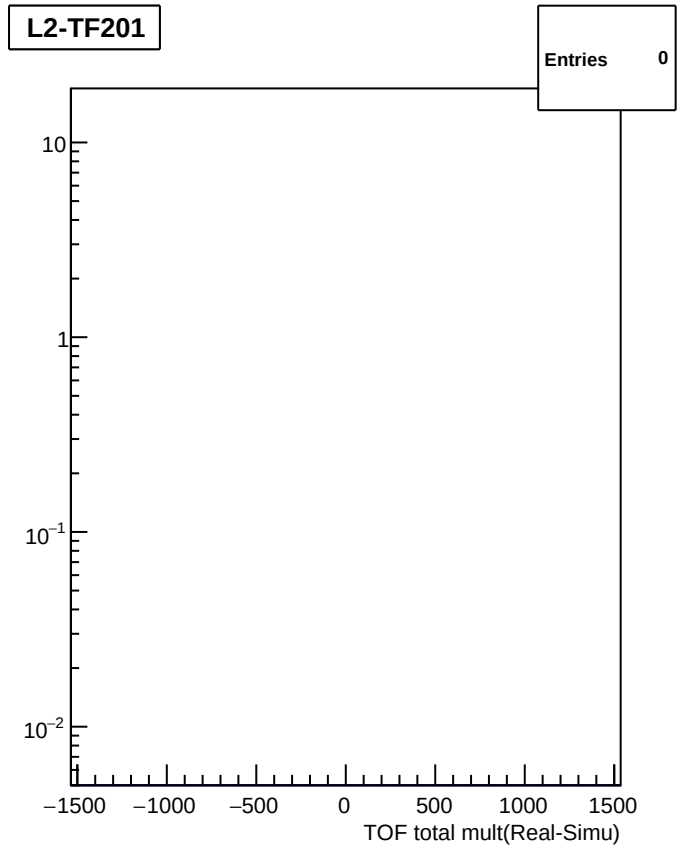

MIX-TF101
Entries 1771464
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

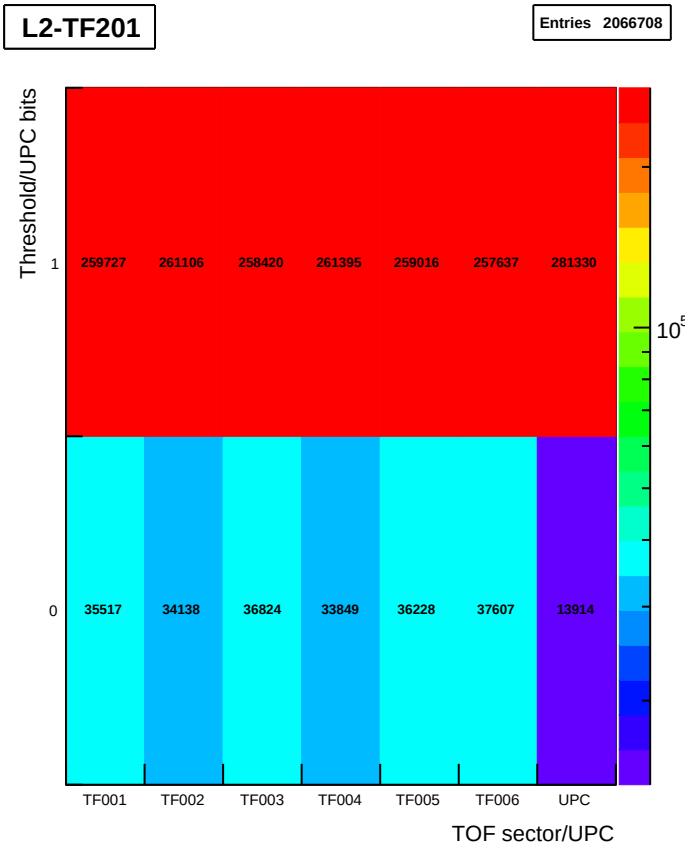

MIX-TF101
Entries 96013
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

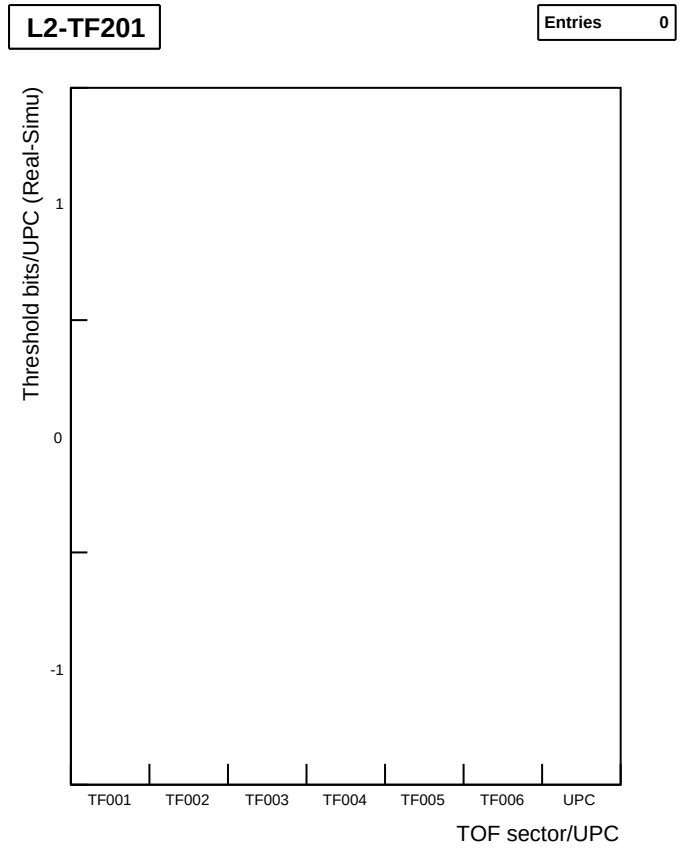

MIX-TF101
Entries 1771464
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

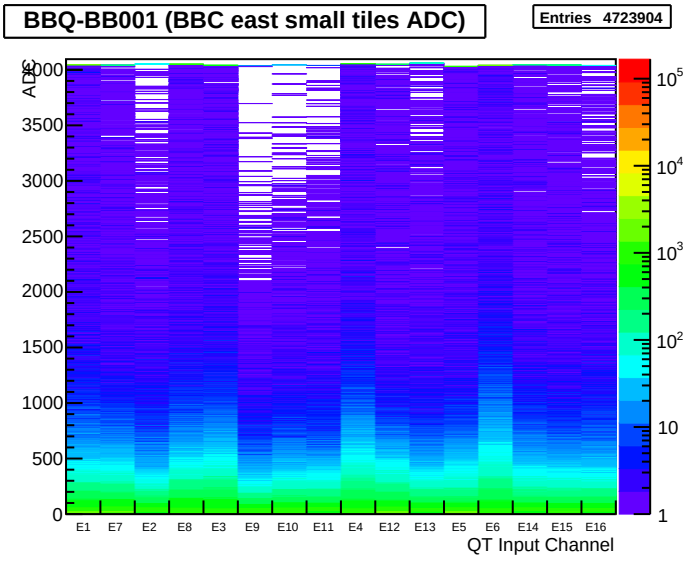

MIX-TF101
Entries 207914
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

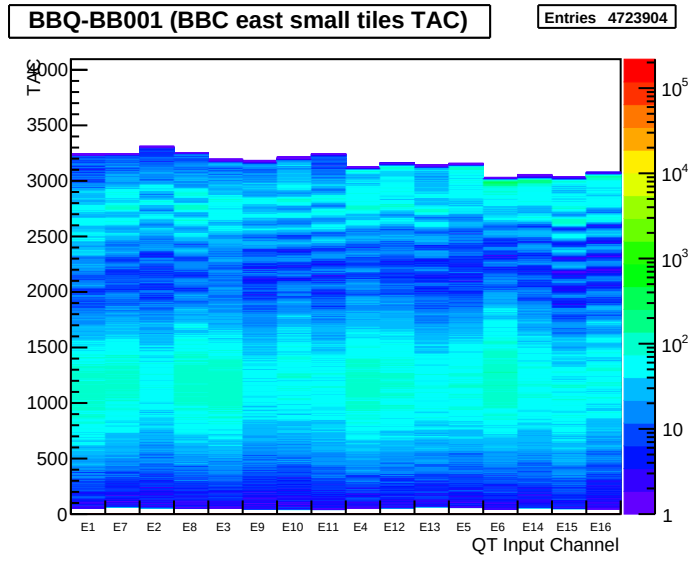

L2-TF201
Entries 295244
TOF total mult

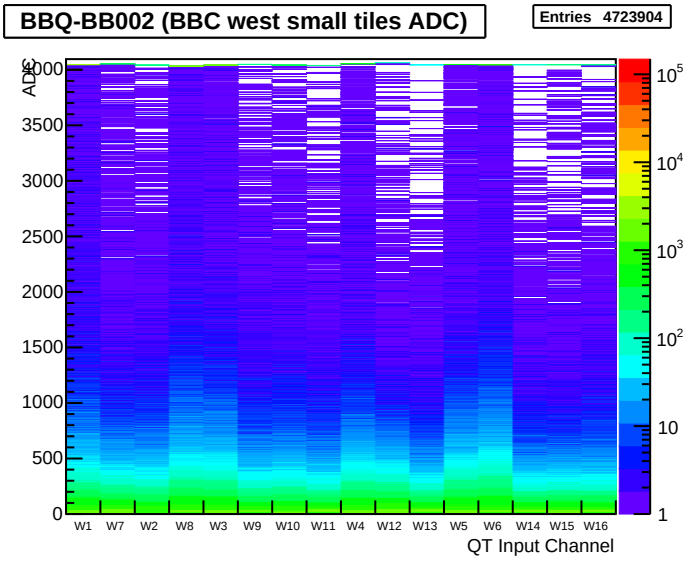

L2-TF201
Entries 0
TOF total mult(Real-Simu)

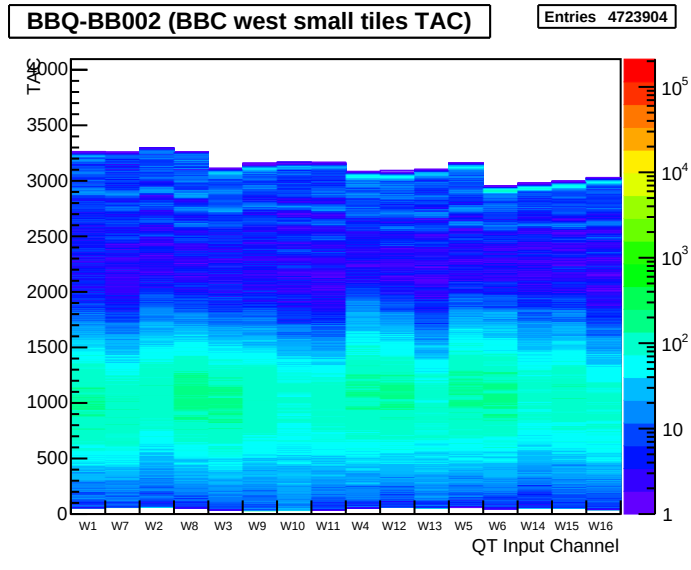

L2-TF201
Entries 2066708
Threshold/UPC bits
259727
261106
258420
261395
259016
257637
281330
35517
34138
36824
33849
36228
37607
13914
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

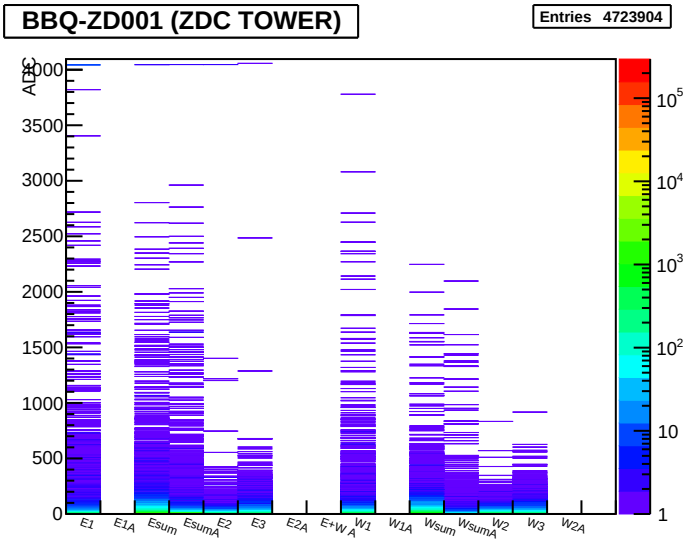

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

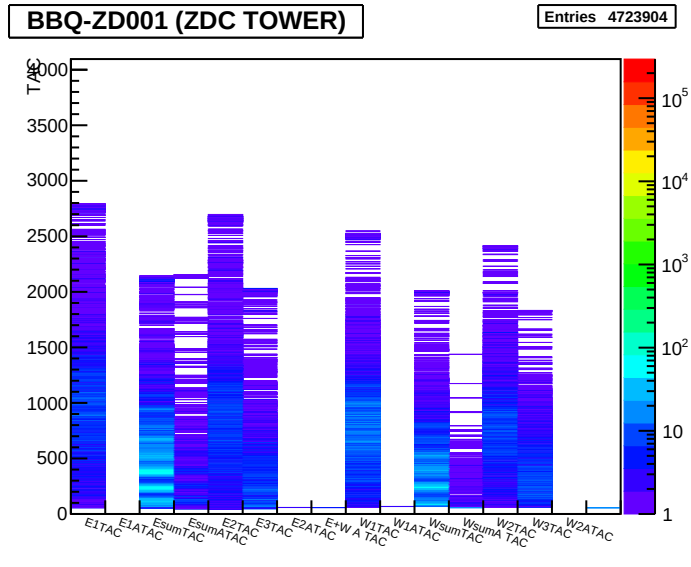

BBQ-BB001 (BBC east small tiles ADC)
Entries 4723904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

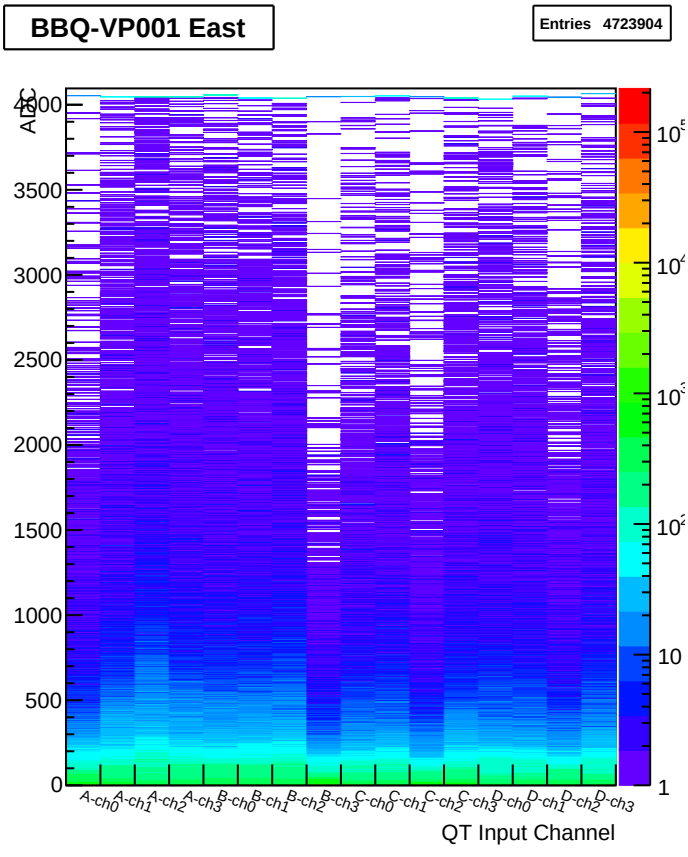

BBQ-BB001 (BBC east small tiles TAC)
Entries 4723904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

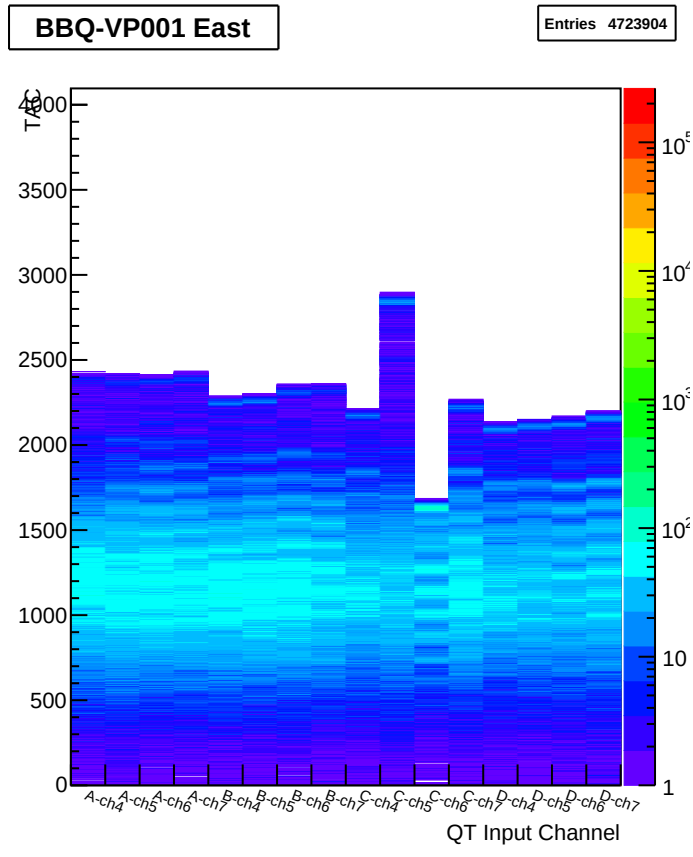

BBQ-BB002 (BBC west small tiles ADC)
Entries 4723904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

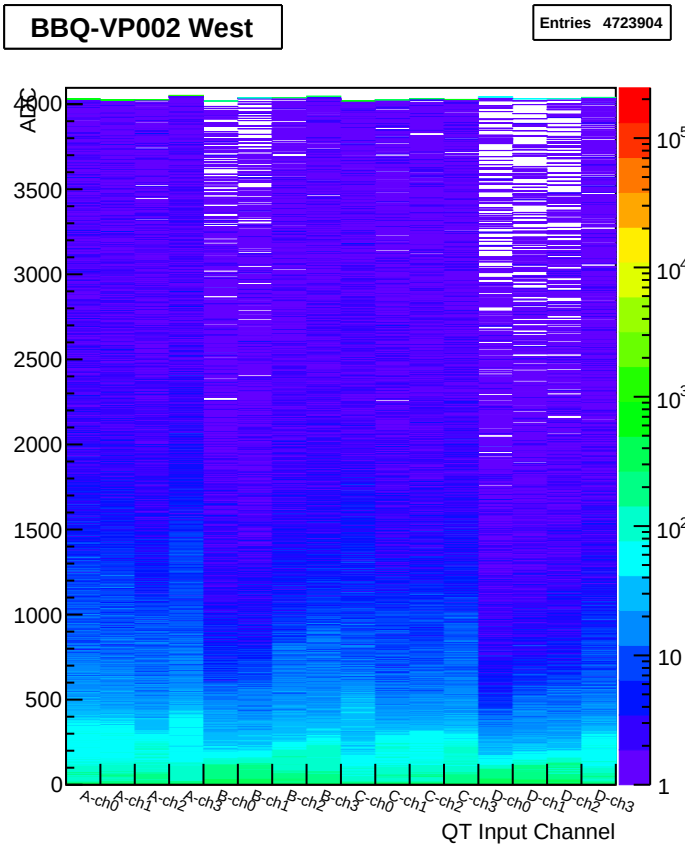

BBQ-BB002 (BBC west small tiles TAC)
Entries 4723904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

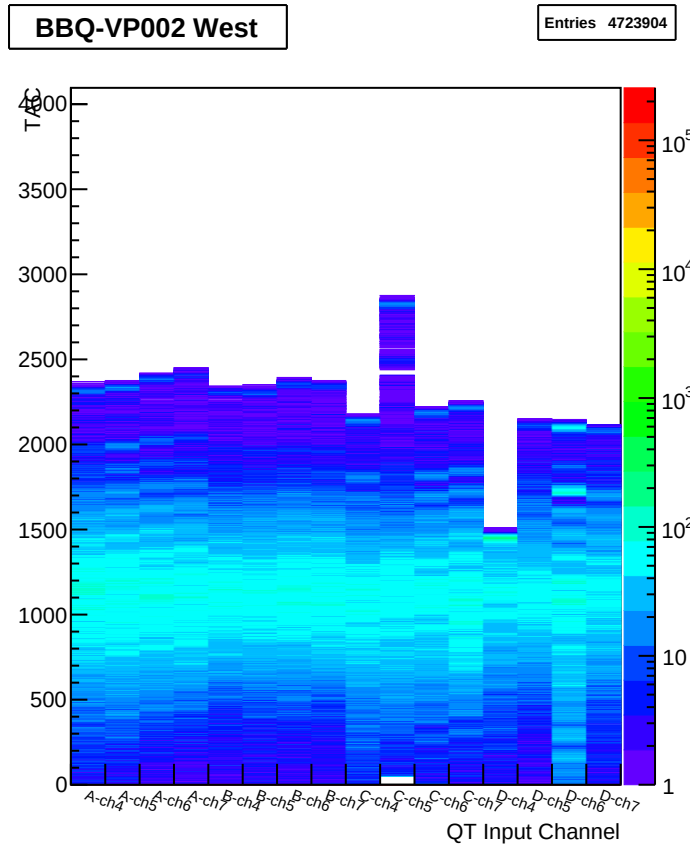

BBQ-ZD001 (ZDC TOWER)
Entries 4723904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

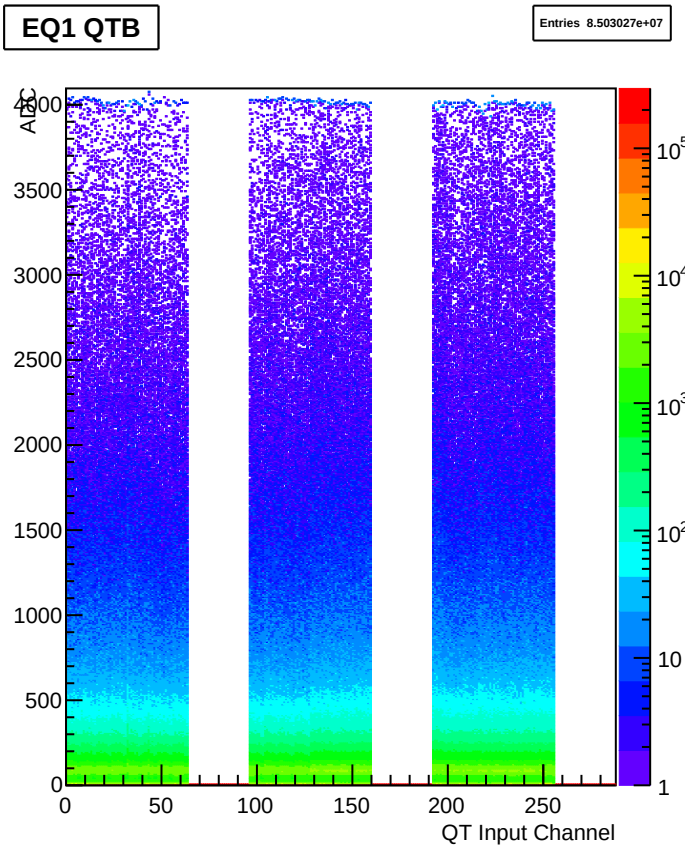

BBQ-ZD001 (ZDC TOWER)
Entries 4723904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

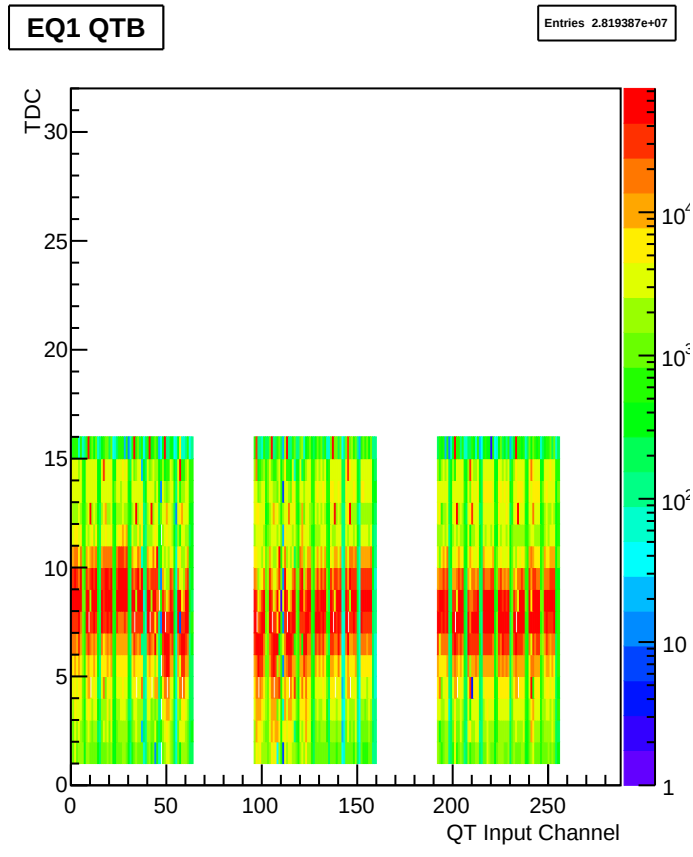

BBQ-VP001 East
Entries 4723904
ADC
QT Input Channel

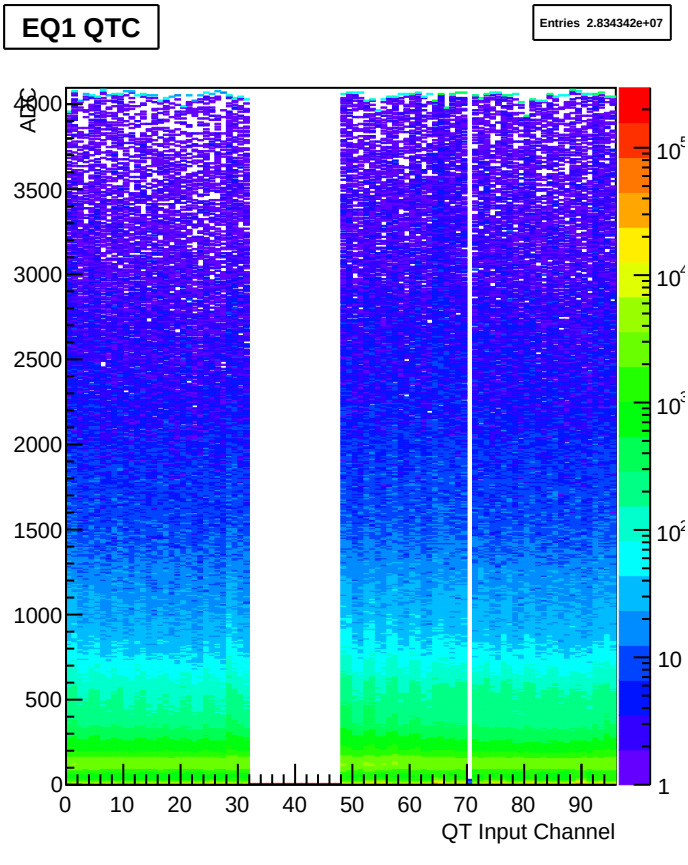

BBQ-VP001 East
Entries 4723904
TADC
QT Input Channel

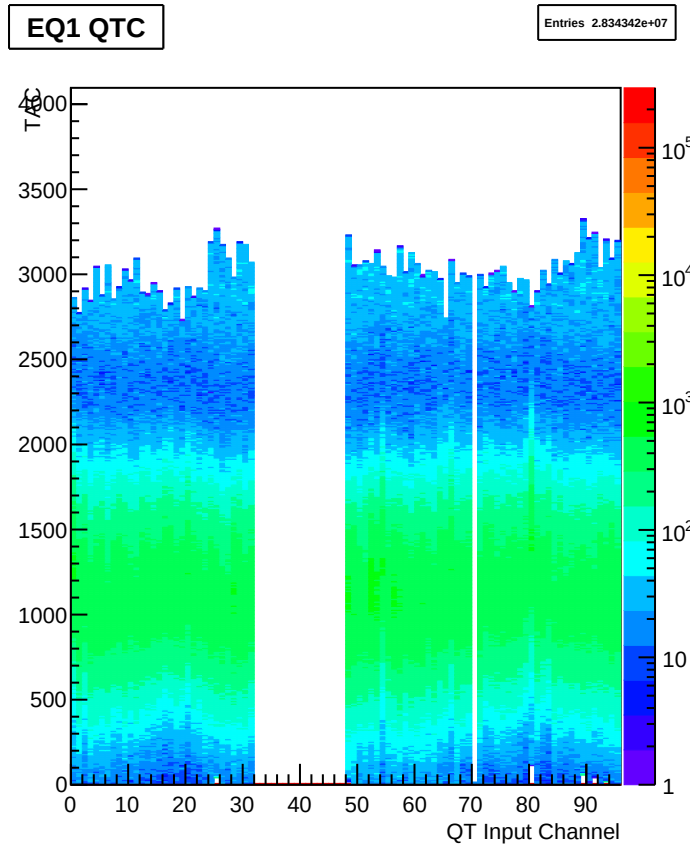

BBQ-VP002 West
Entries 4723904
ADC
QT Input Channel

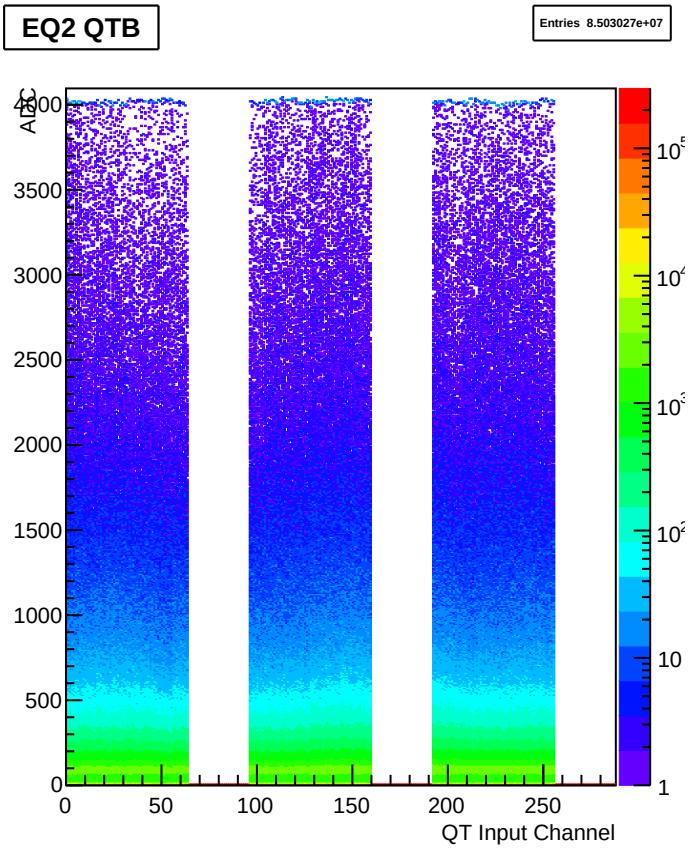

BBQ-VP002 West
Entries 4723904
TADC
QT Input Channel

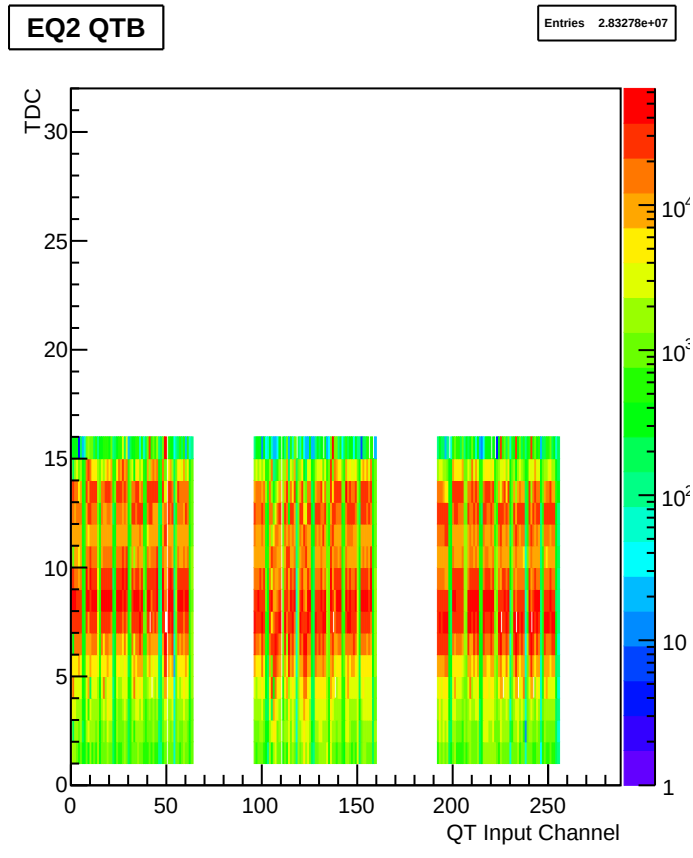

EQ1 QTB
Entries 8.503027e+07
ADC
QT Input Channel

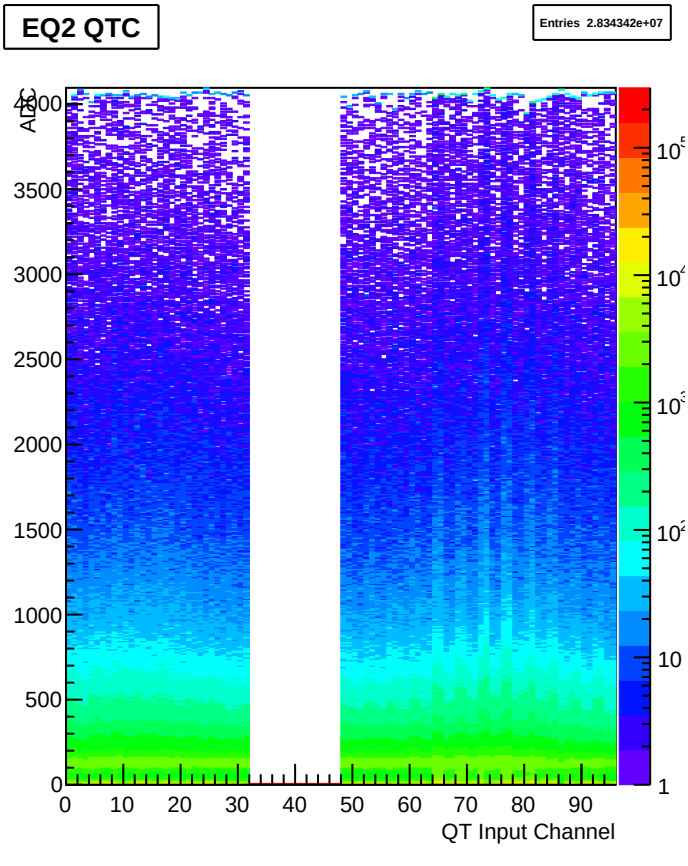

EQ1 QTB
Entries 2.819387e+07
TDC
QT Input Channel

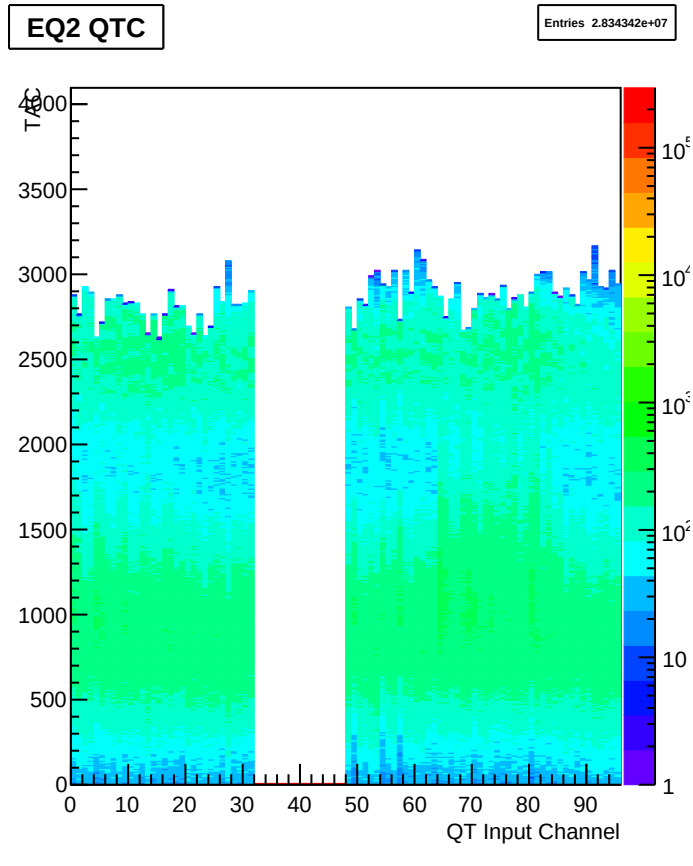

EQ1 QTC
Entries 2.834342e+07
ADC
QT Input Channel

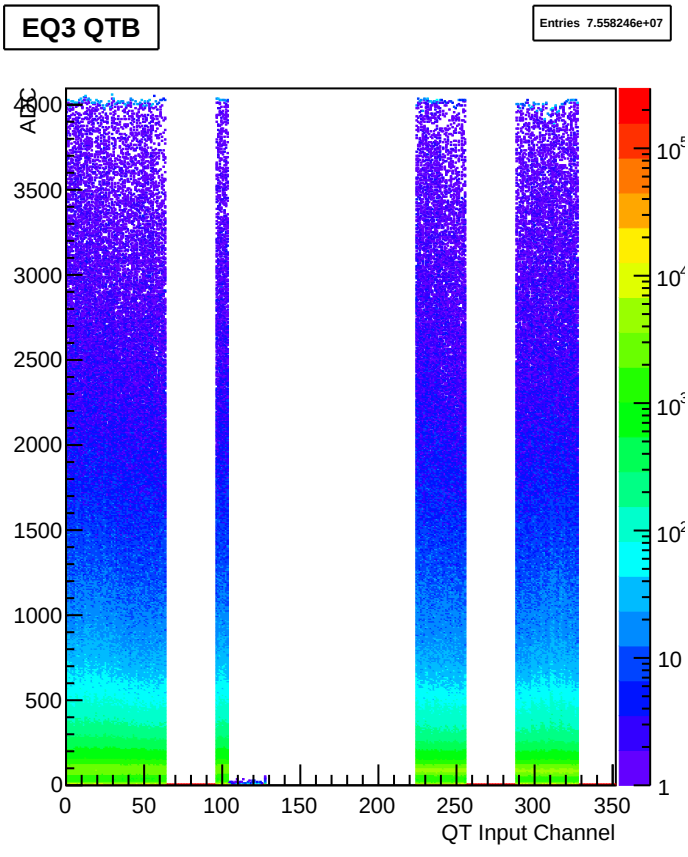

EQ1 QTC
Entries 2.834342e+07
TADC
QT Input Channel

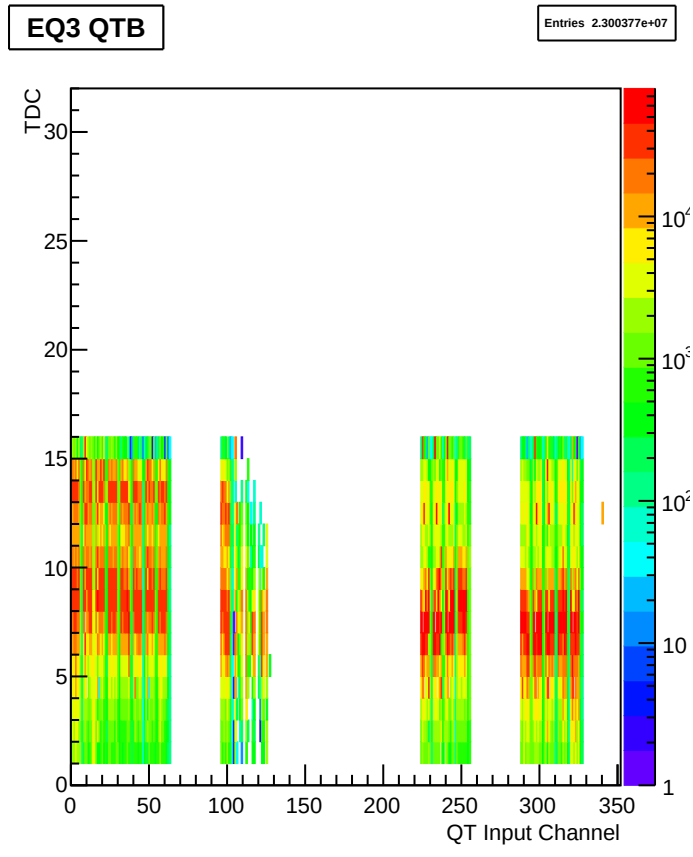

EQ2 QTB
Entries 8.503027e+07
ADC
QT Input Channel

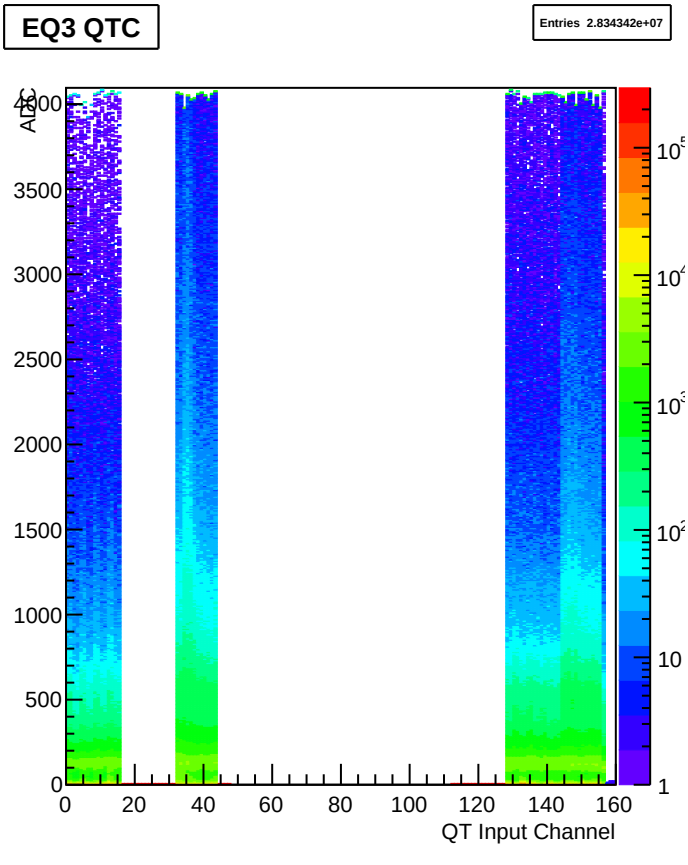

EQ2 QTB
Entries 2.83278e+07
TDC
QT Input Channel

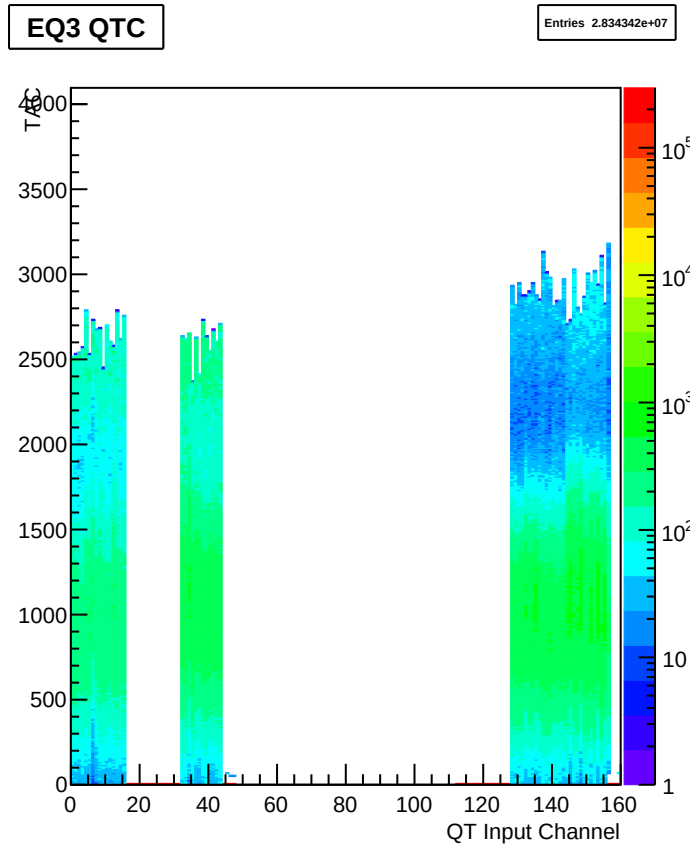

EQ2 QTC
Entries 2.834342e+07
ADC
QT Input Channel

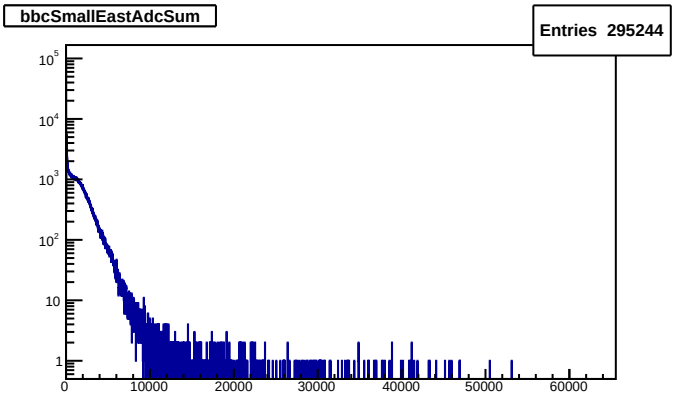

EQ2 QTC
Entries 2.834342e+07
TADC
QT Input Channel

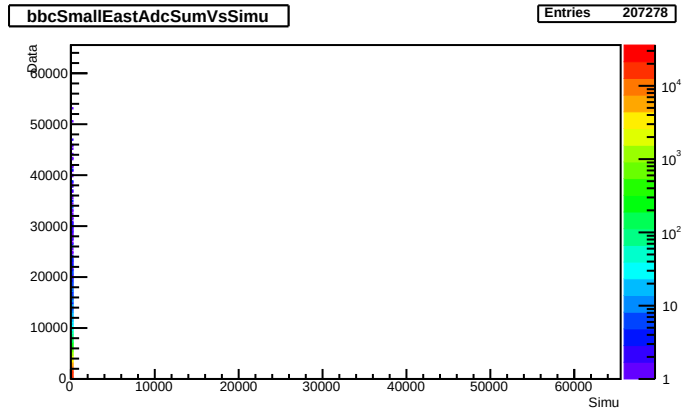

EQ3 QTB
Entries 7.558246e+07
ADC
QT Input Channel

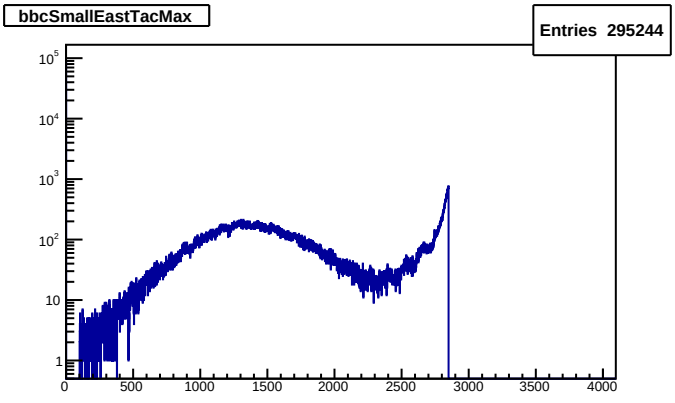

EQ3 QTB
Entries 2.300377e+07
TDC
QT Input Channel

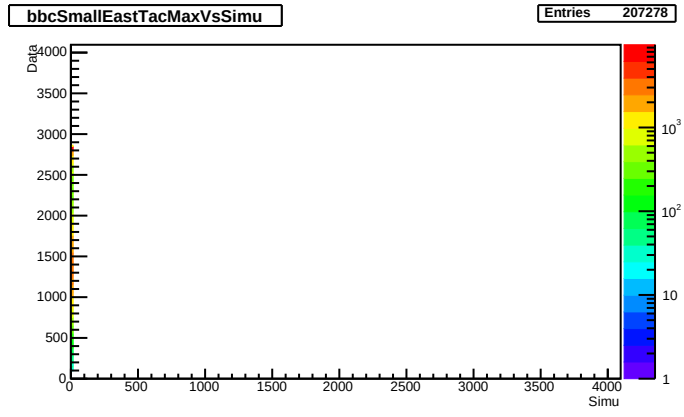

EQ3 QTC
Entries 2.834342e+07
ADC
QT Input Channel

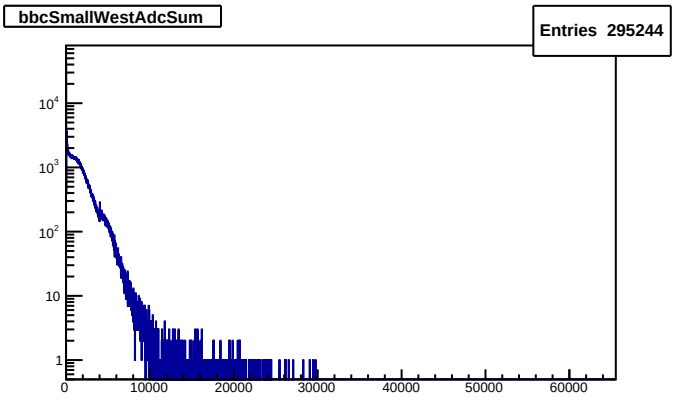

EQ3 QTC
Entries 2.834342e+07
TADC
QT Input Channel

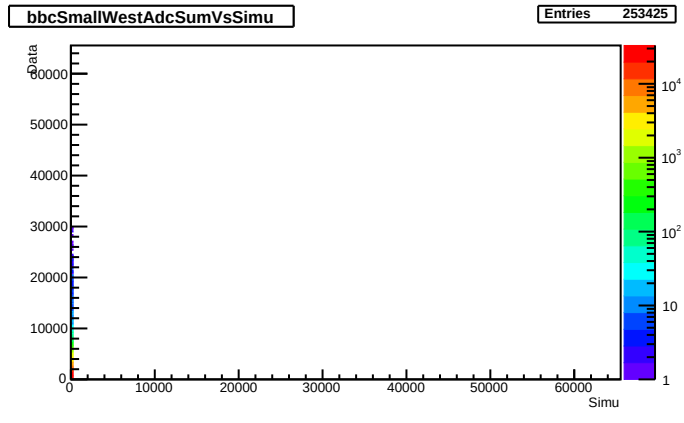

bbcSmallEastAdcSum
Entries 295244

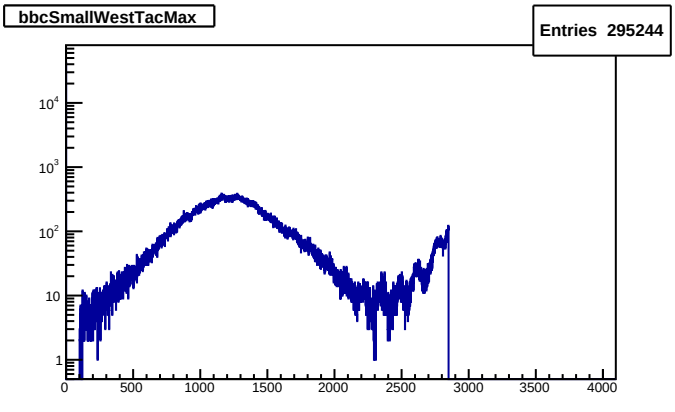

bbcSmallEastAdcSumVsSimu
Entries 207278
Data
Simu

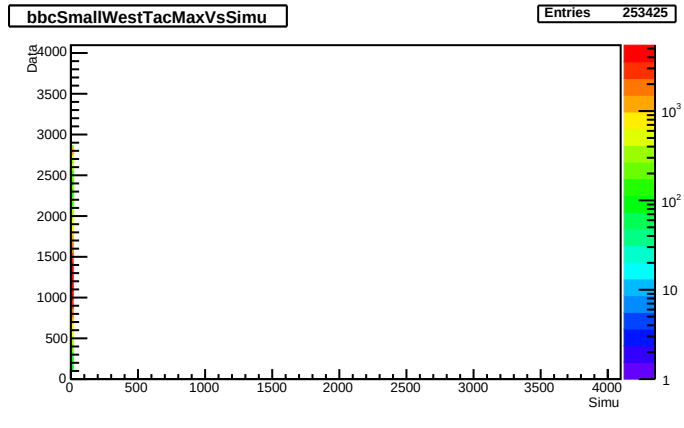

bbcSmallEastTacMax
Entries 295244

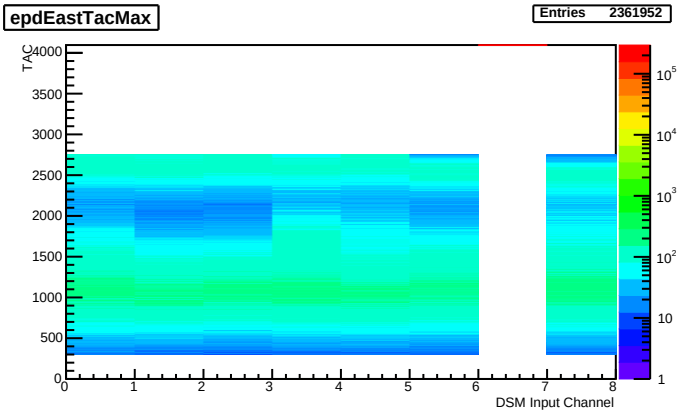

bbcSmallEastTacMaxVsSimu
Entries 207278
Data
Simu

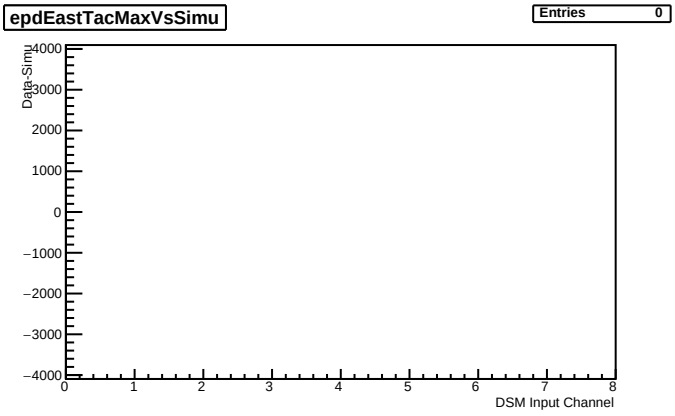

bbcSmallWestAdcSum
Entries 295244

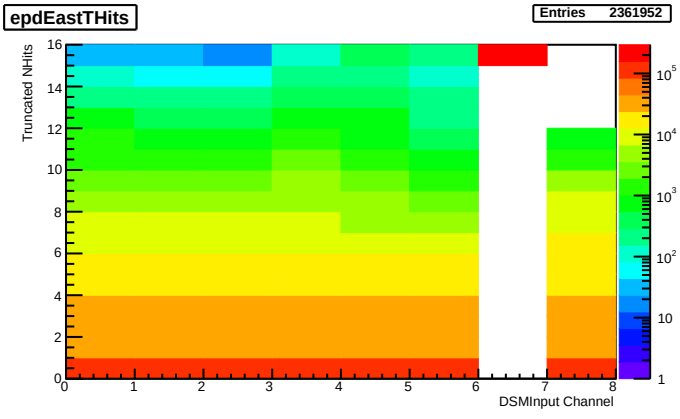

bbcSmallWestAdcSumVsSimu
Entries 253425
Data
Simu

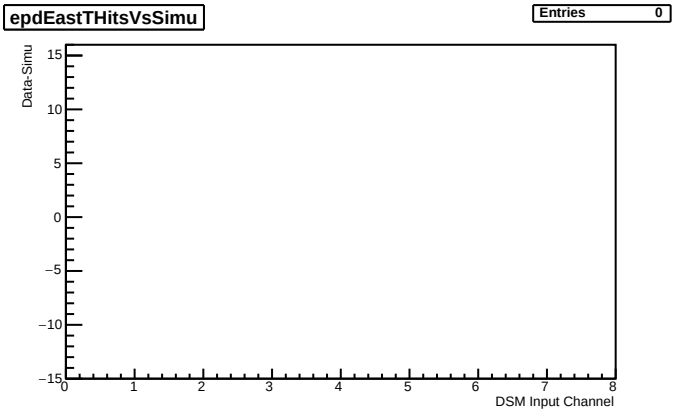

bbcSmallWestTacMax
Entries 295244

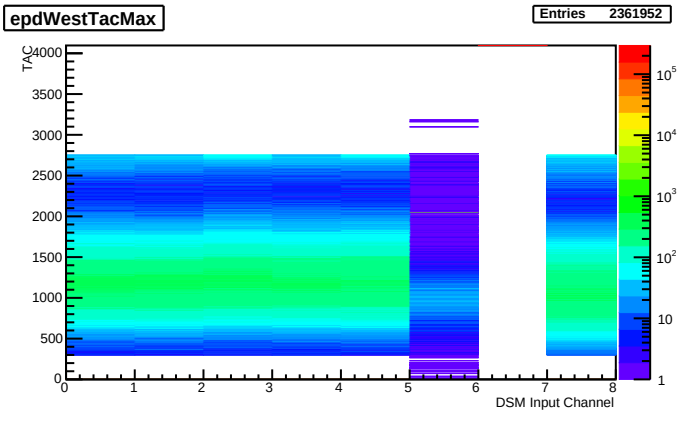

bbcSmallWestTacMaxVsSimu
Entries 253425
Data
Simu

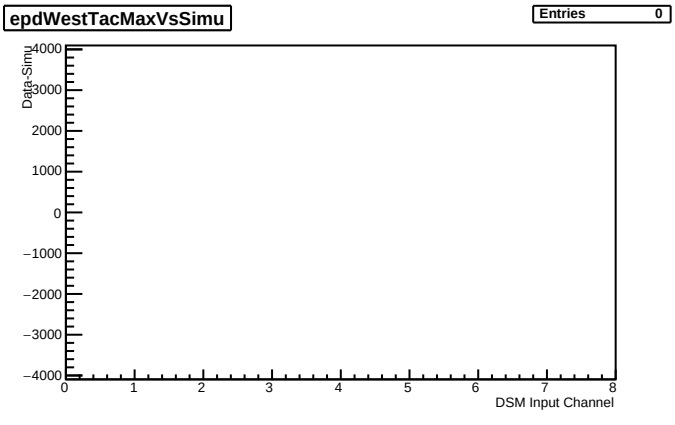

epdEastTacMax
Entries 2361952
TAC
DSM Input Channel

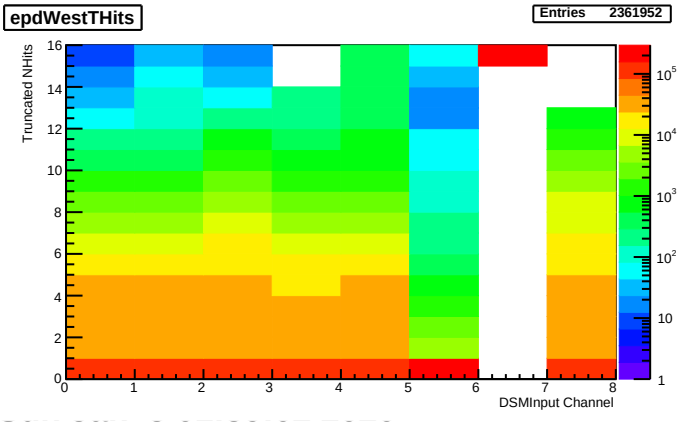

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

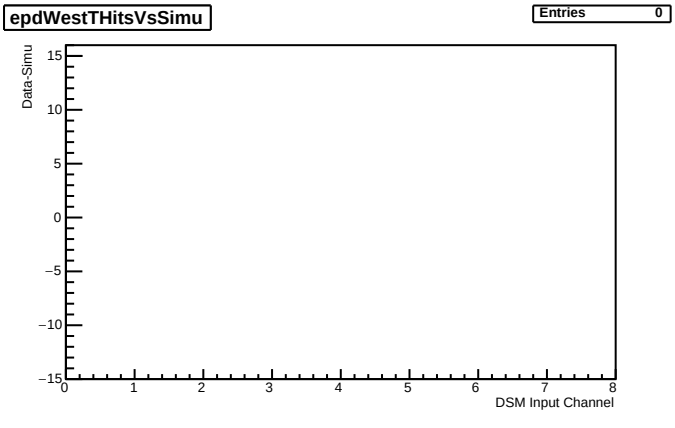

epdEastTHits
Entries 2361952
Truncated NHits
DSMInput Channel

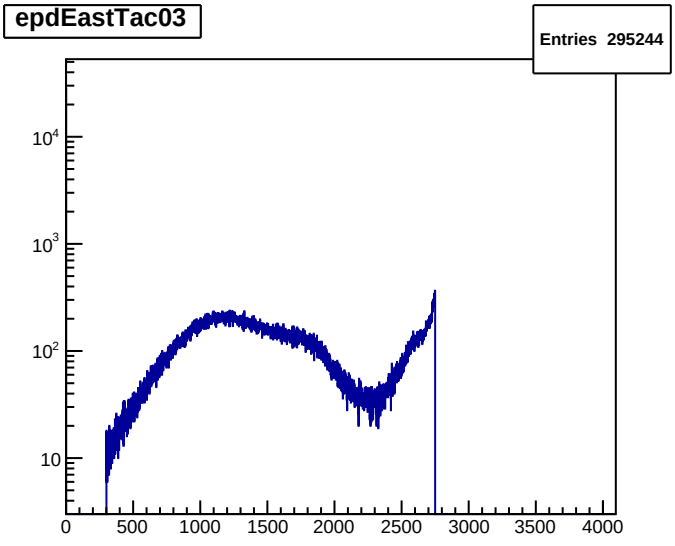

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

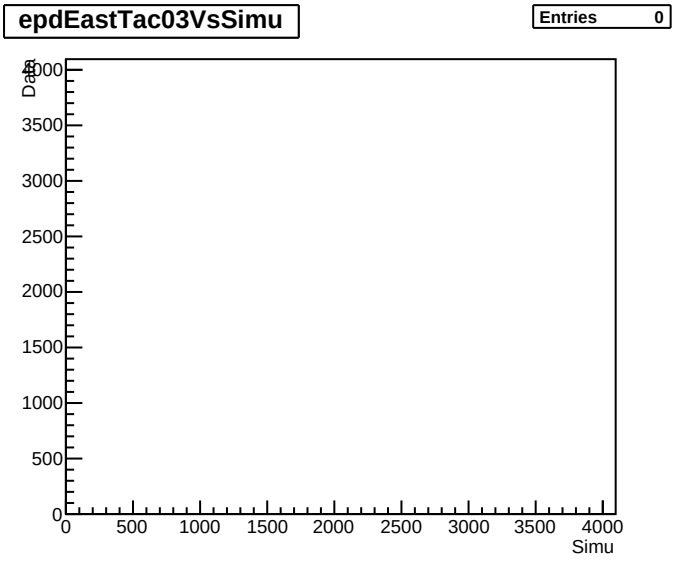

epdWestTacMax
Entries 2361952
TAC
DSM Input Channel

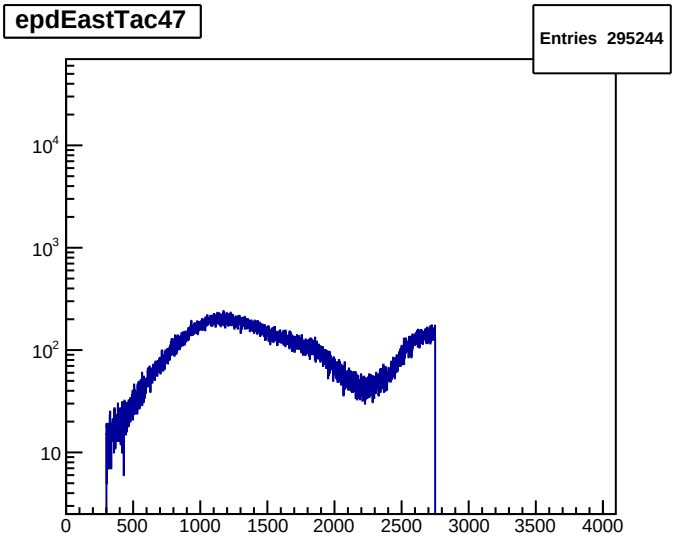

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

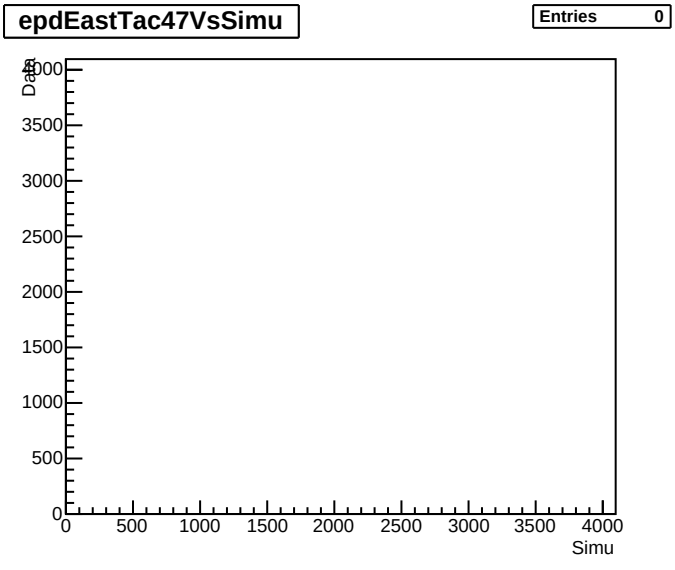

epdWestTHits
Entries 2361952
Truncated NHits
DSMInput Channel

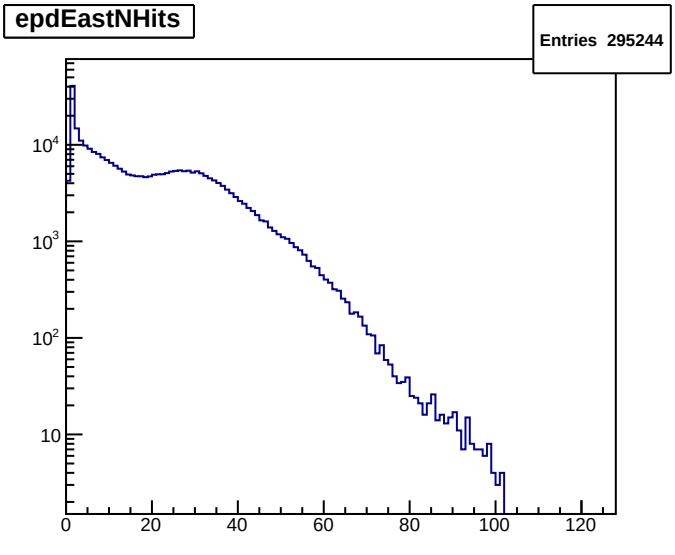

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

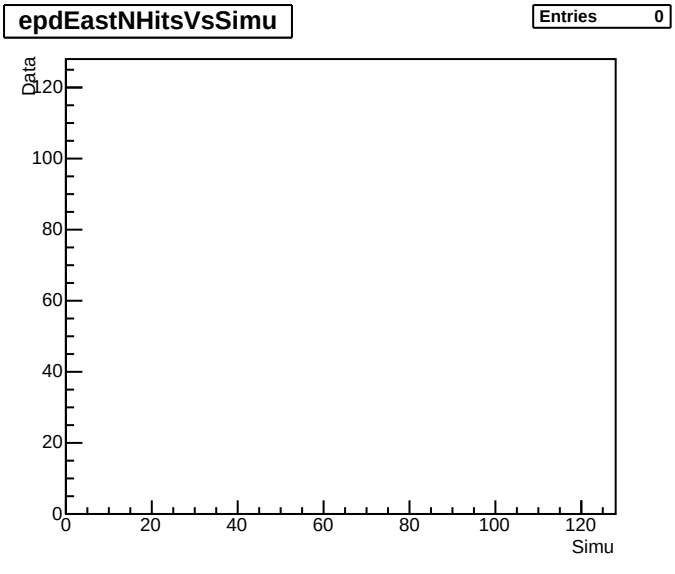

epdEastTac03
Entries 295244

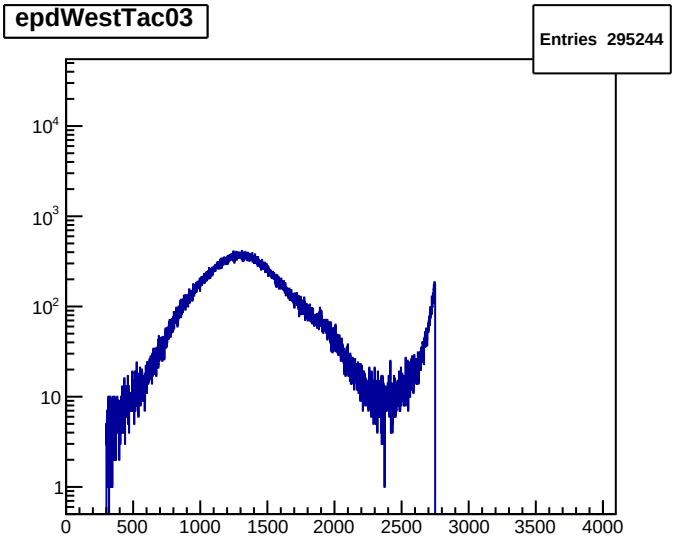

epdEastTac03VsSimu
Entries 0
Data
Simu

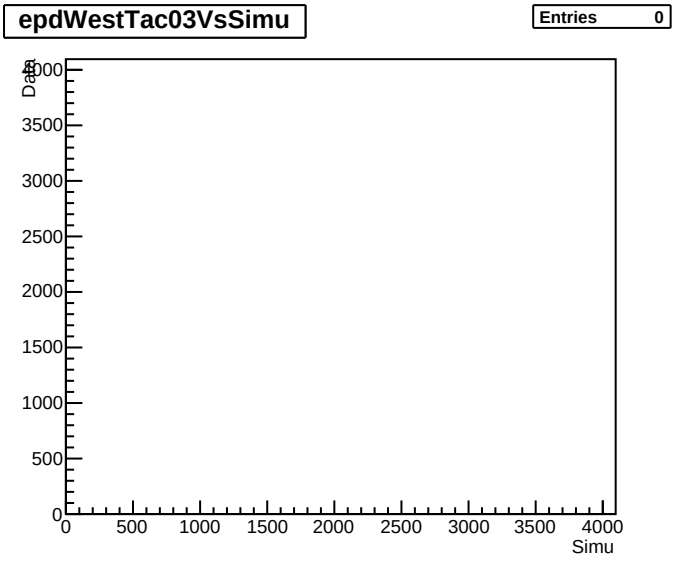

epdEastTac47
Entries 295244

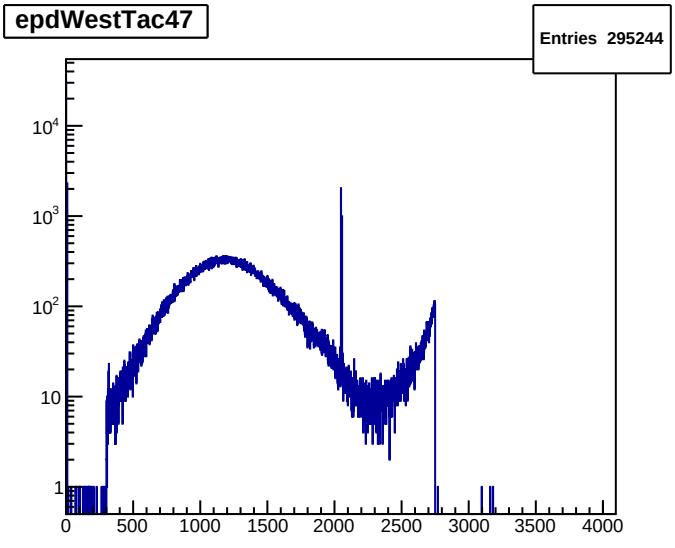

epdEastTac47VsSimu
Entries 0
Data
Simu

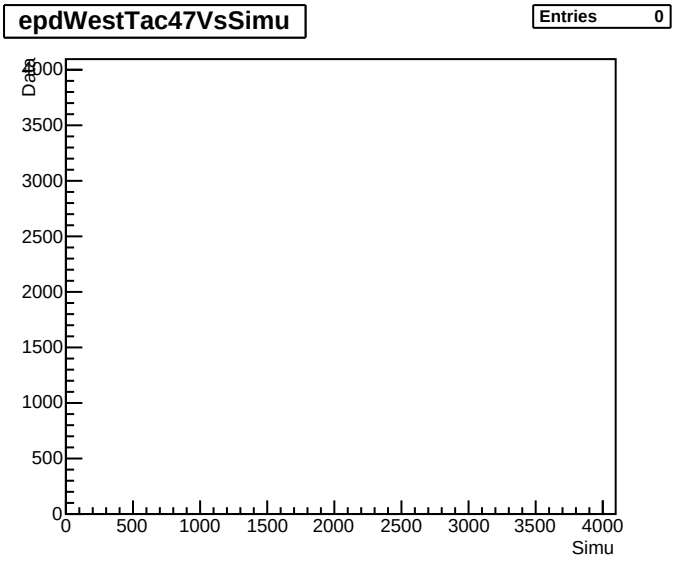

epdEastNHits
Entries 295244

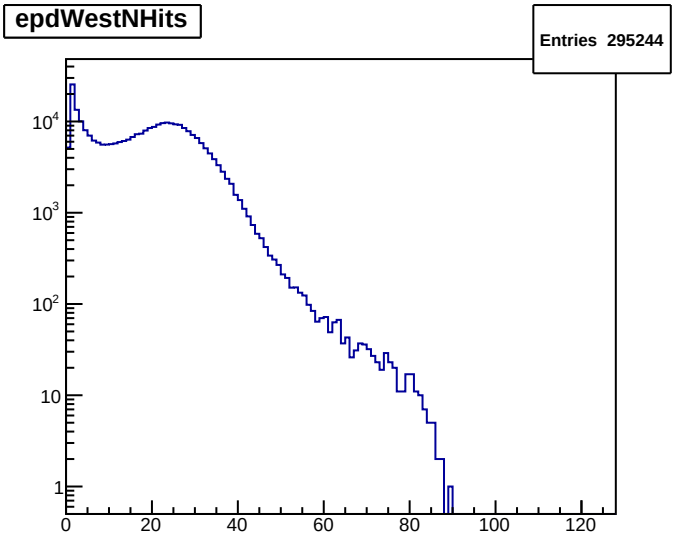

epdEastNHitsVsSimu
Entries 0
Data
Simu

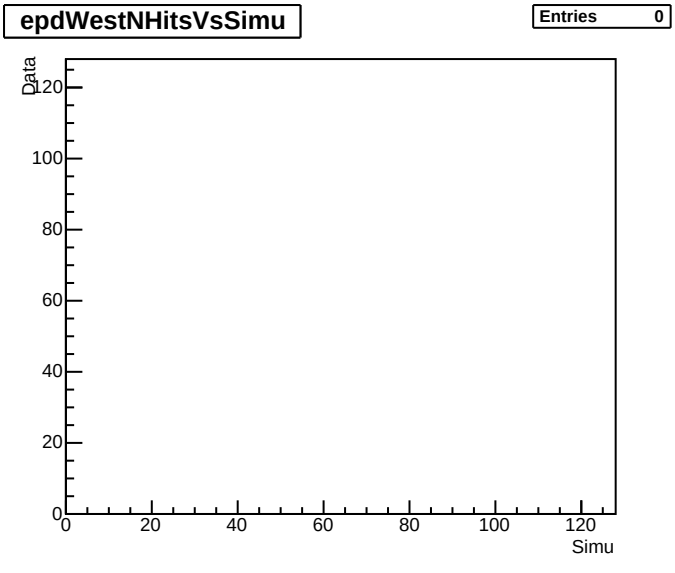

epdWestTac03
Entries 295244

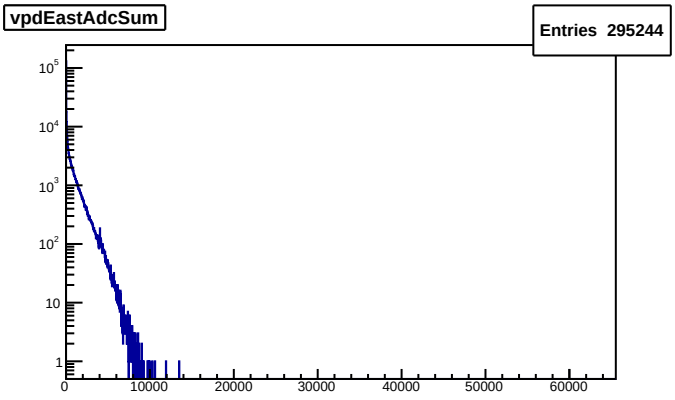

epdWestTac03VsSimu
Entries 0
Data
Simu

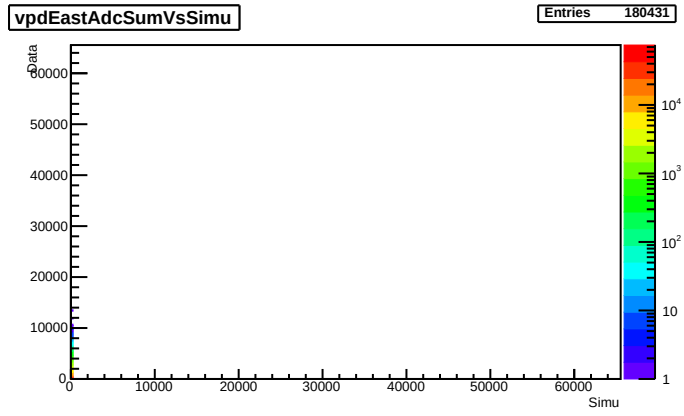

epdWestTac47
Entries 295244

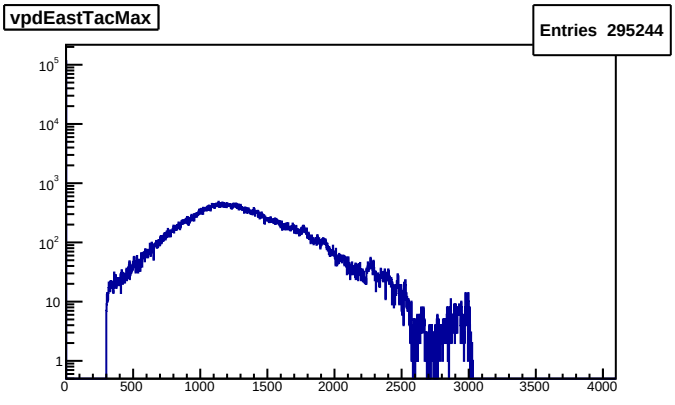

epdWestTac47VsSimu
Entries 0
Data
Simu

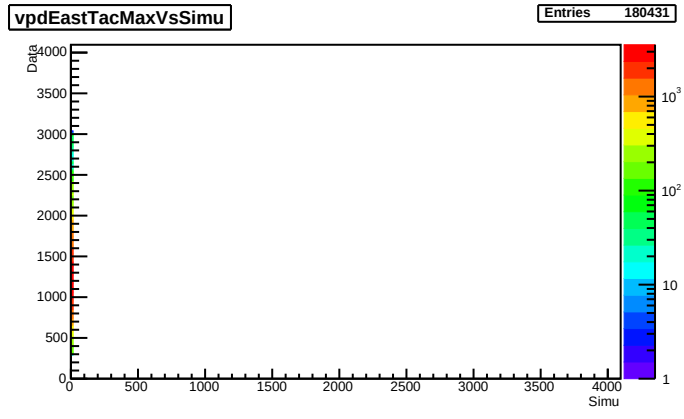

epdWestNHits
Entries 295244

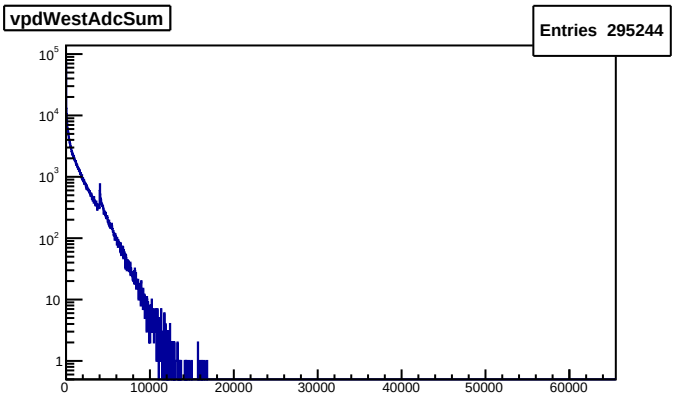

epdWestNHitsVsSimu
Entries 0
Data
Simu

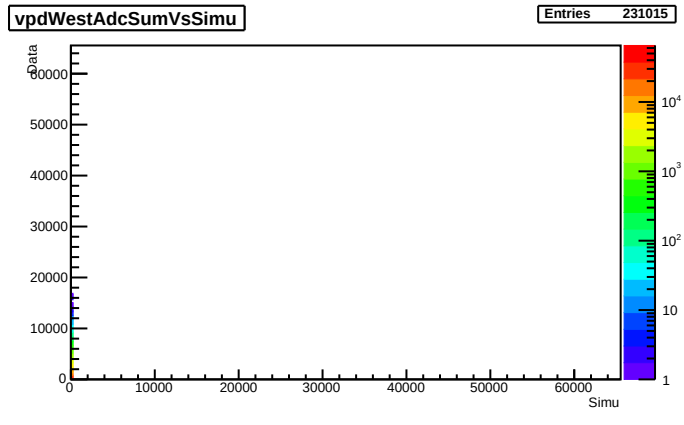

vpdEastAdcSum
Entries 295244

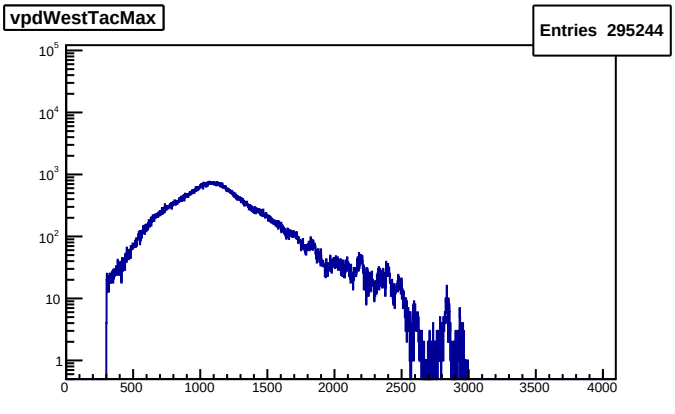

vpdEastAdcSumVsSimu
Entries 180431
Data
Simu

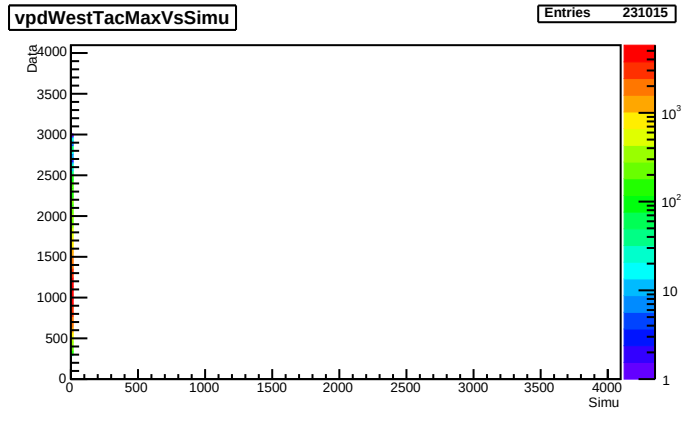

vpdEastTacMax
Entries 295244

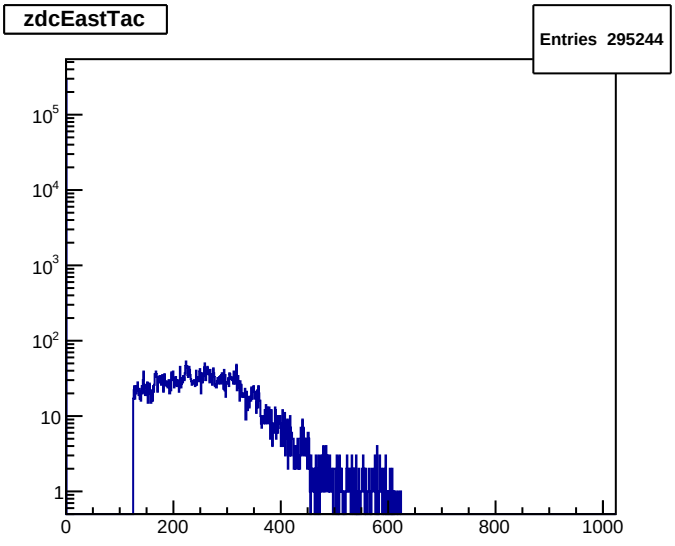

vpdEastTacMaxVsSimu
Entries 180431
Data
Simu

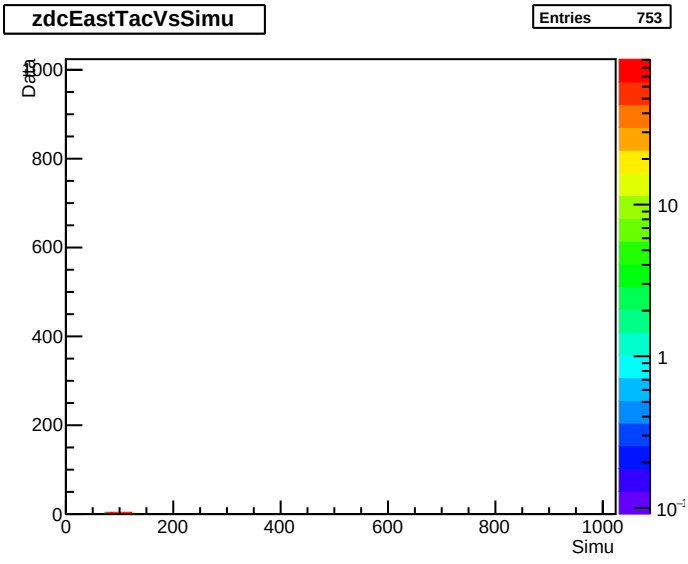

vpdWestAdcSum
Entries 295244

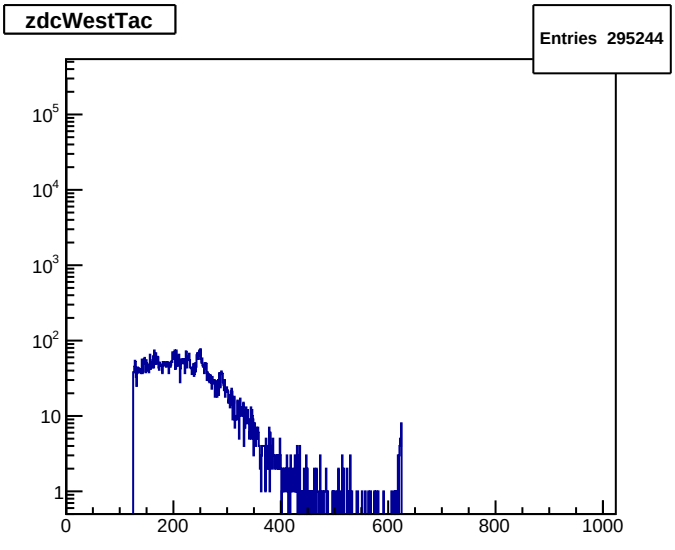

vpdWestAdcSumVsSimu
Entries 231015
Data
Simu

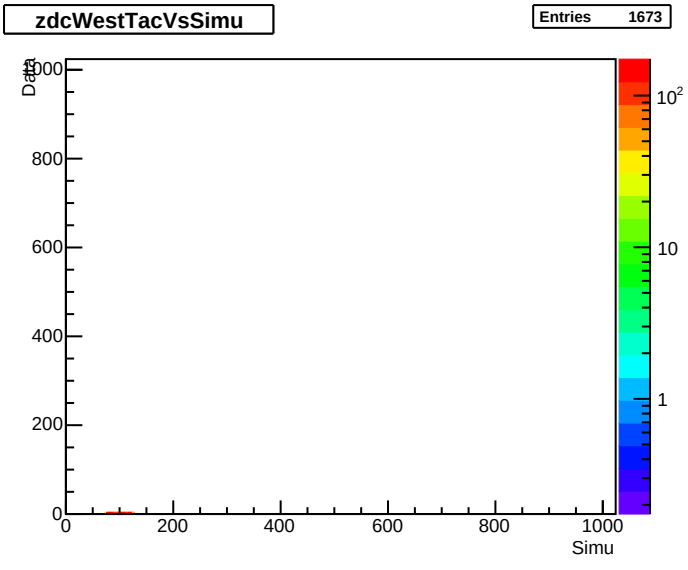

vpdWestTacMax
Entries 295244

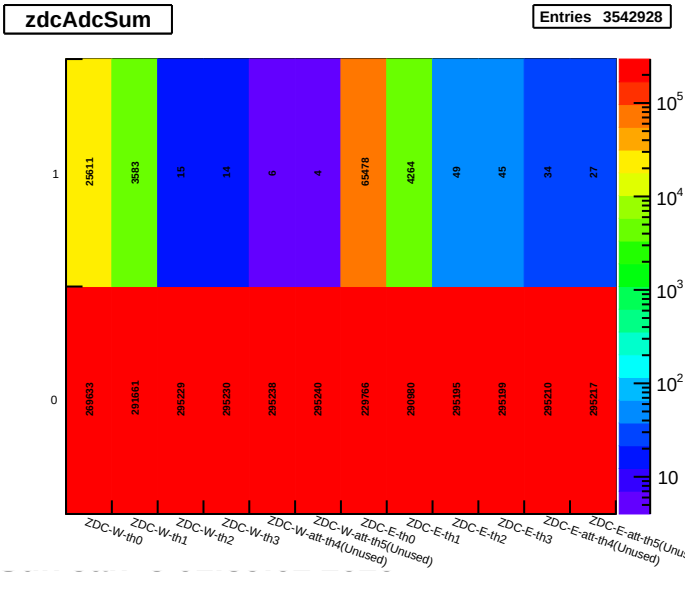

vpdWestTacMaxVsSimu
Entries 231015
Data
Simu

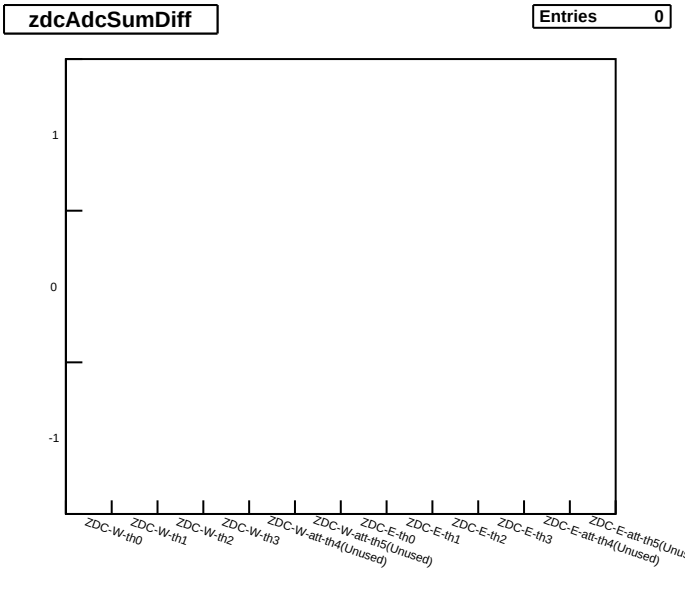

zdcEastTac
Entries 295244

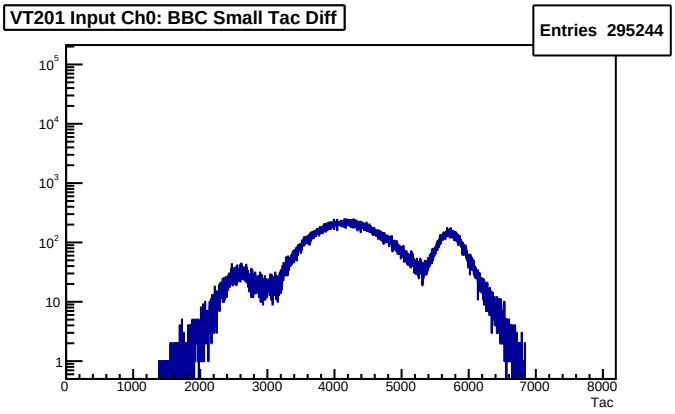

zdcEastTacVsSimu
Entries 753
Data
Simu

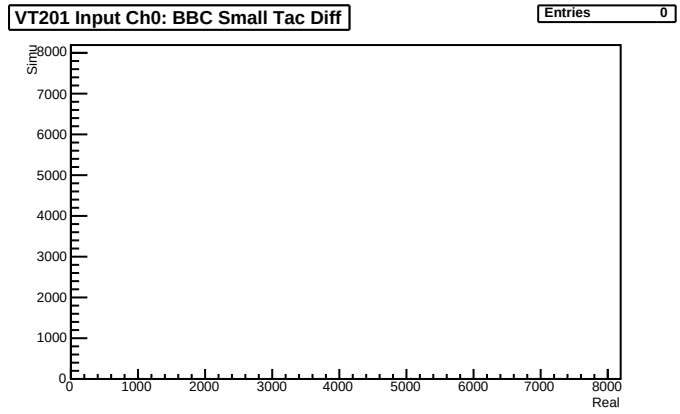

zdcWestTac
Entries 295244

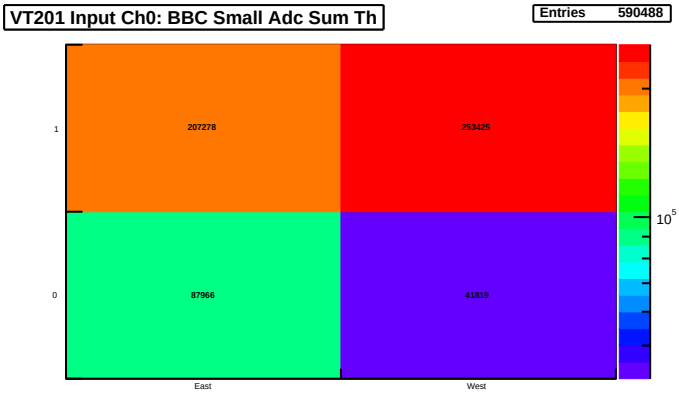

zdcWestTacVsSimu
Entries 1673
Data
Simu

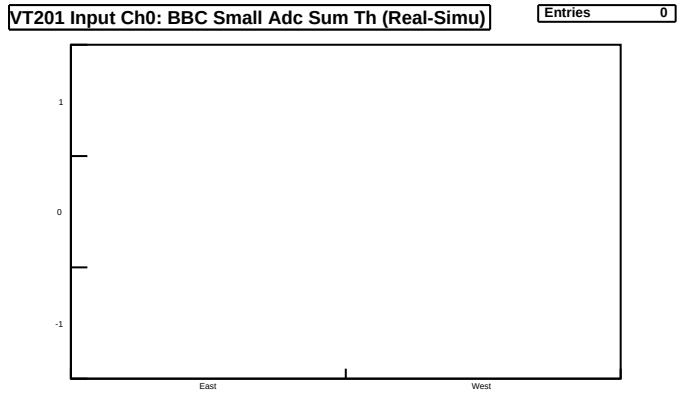

zdcAdcSum
Entries 3542928
25611
3583
15
14
6
4
65478
4264
49
45
34
27
269633
291661
295229
295230
295238
295240
229766
290980
295195
295199
295210
295217
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

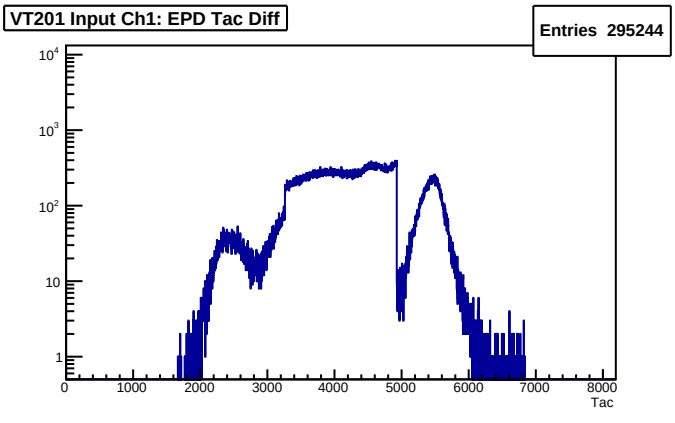

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

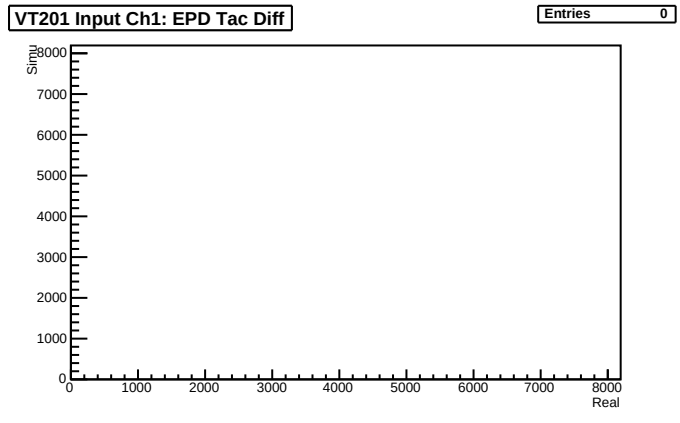

VT201 Input Ch0: BBC Small Tac Diff
Entries 295244
Tac

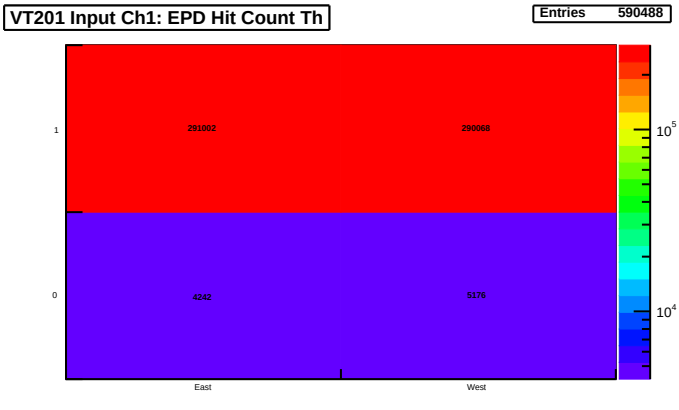

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

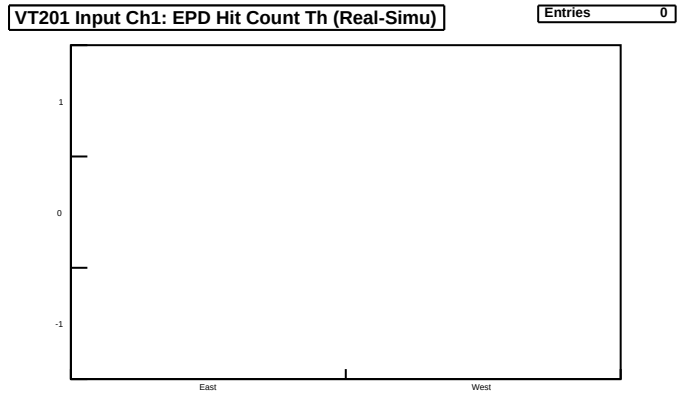

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 590488
207278
253425
87966
41819
East
West

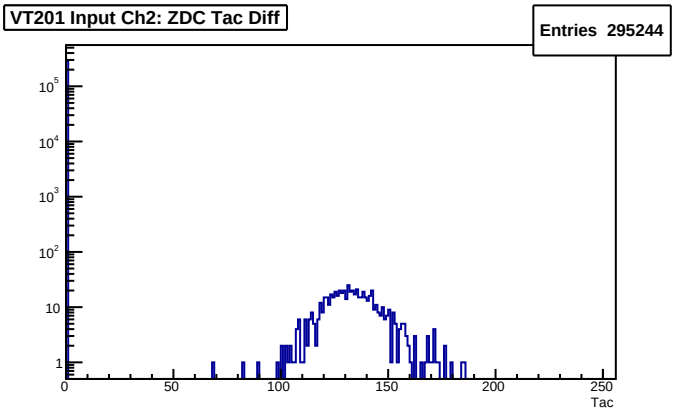

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

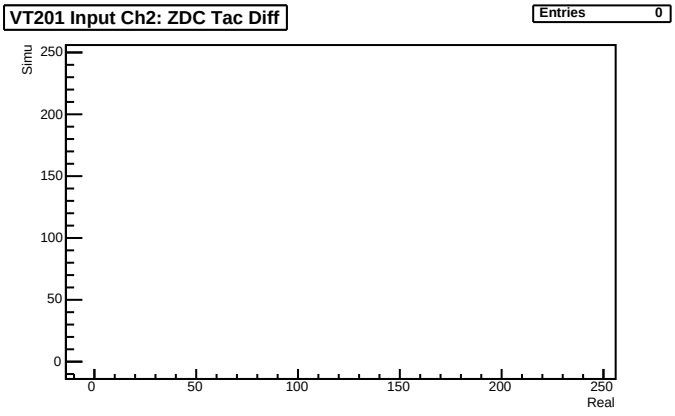

VT201 Input Ch1: EPD Tac Diff
Entries 295244
Tac

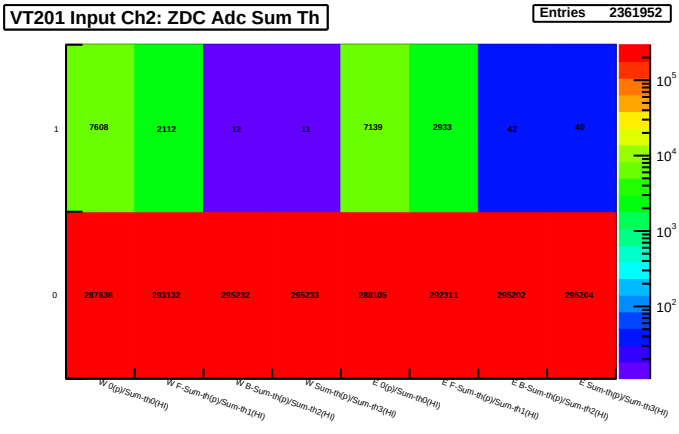

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

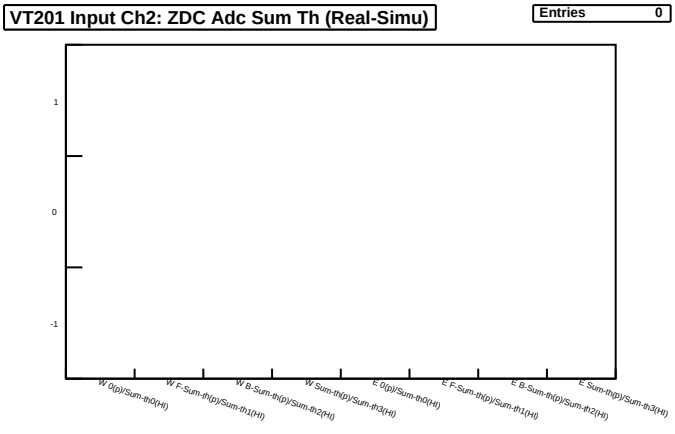

VT201 Input Ch1: EPD Hit Count Th
Entries 590488
291002
290068
4242
5176
East
West

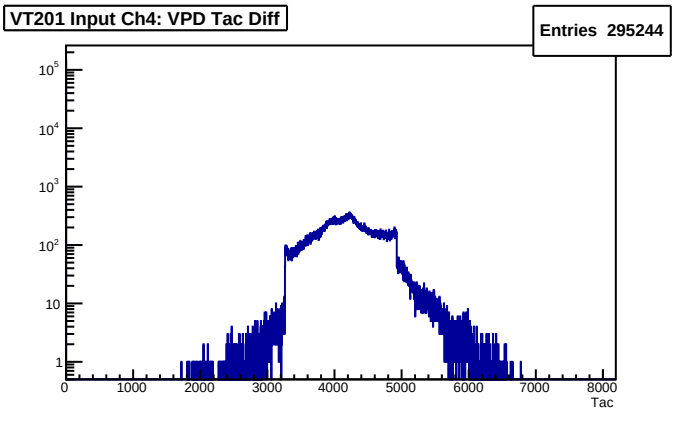

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

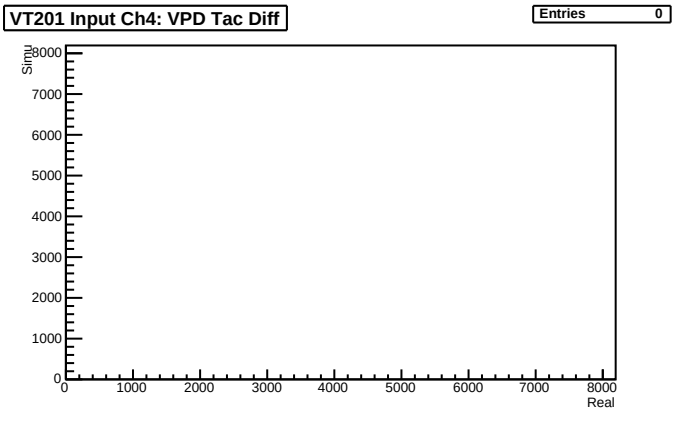

VT201 Input Ch2: ZDC Tac Diff
Entries 295244
Tac

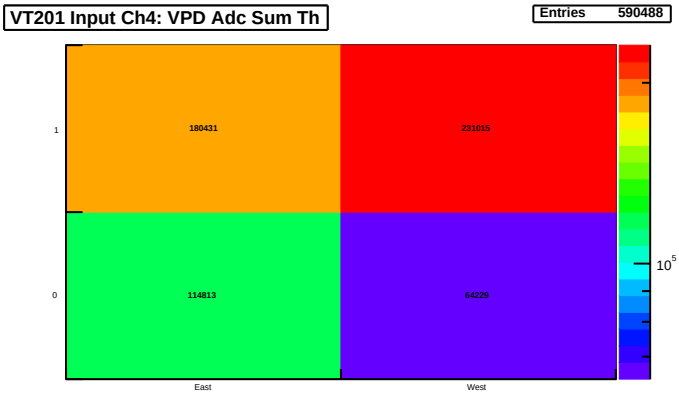

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

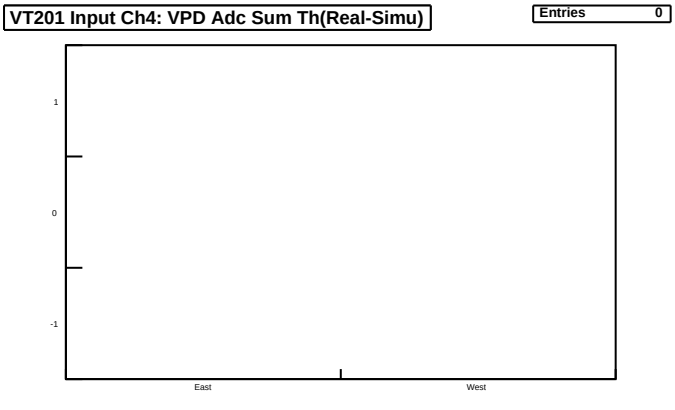

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2361952
7608
2112
12
11
7139
2933
42
40
287636
293132
295232
295233
288105
292311
295202
295204
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

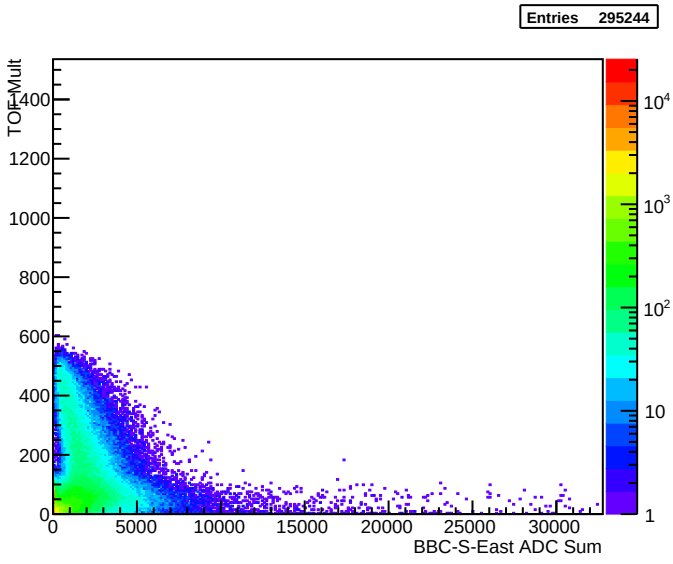

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

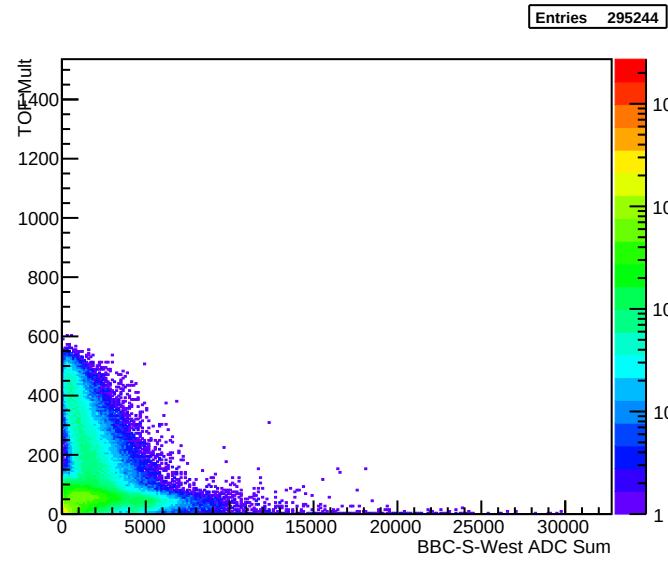

VT201 Input Ch4: VPD Tac Diff
Entries 295244
Tac

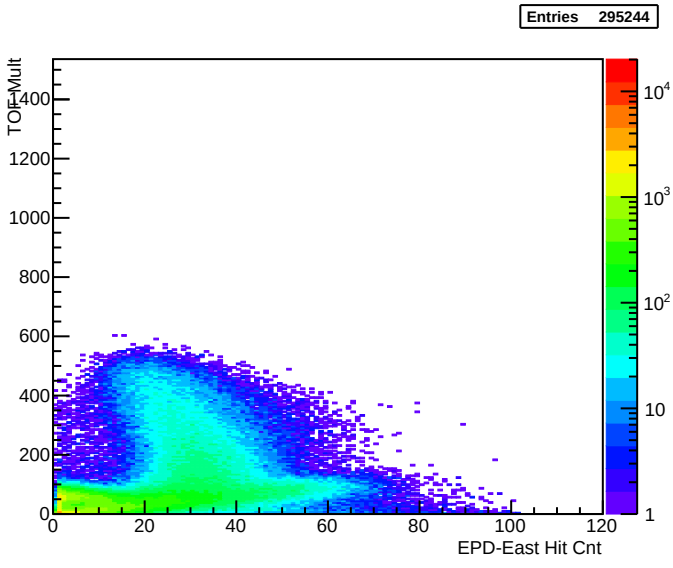

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

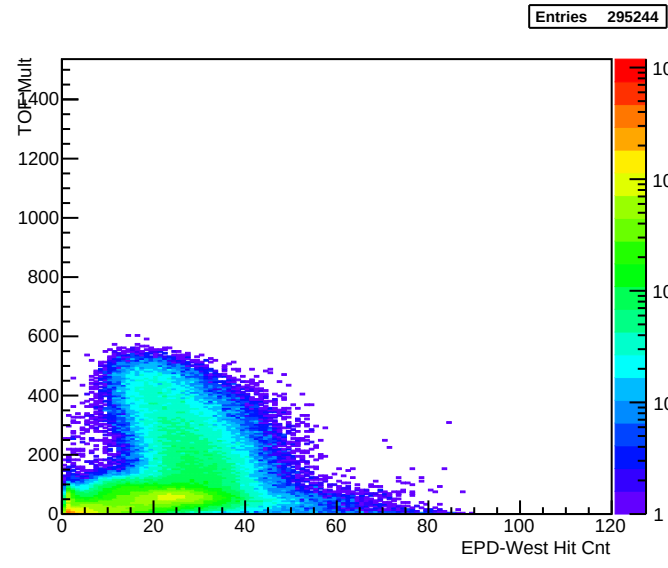

VT201 Input Ch4: VPD Adc Sum Th
Entries 590488
180431
231015
114813
64229
East
West

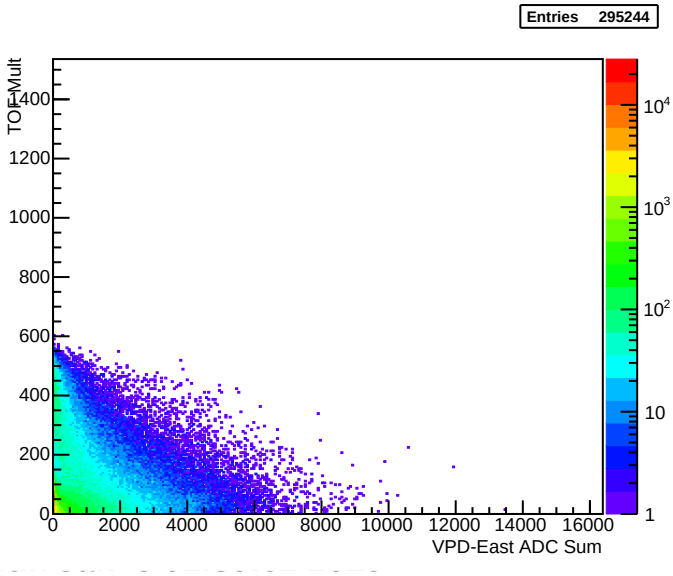

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

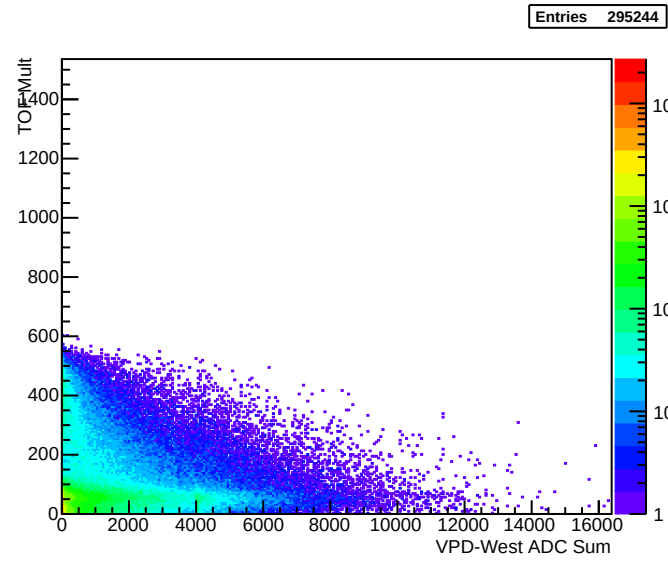

Entries 295244
TOF-Mult
BBC-S-East ADC Sum

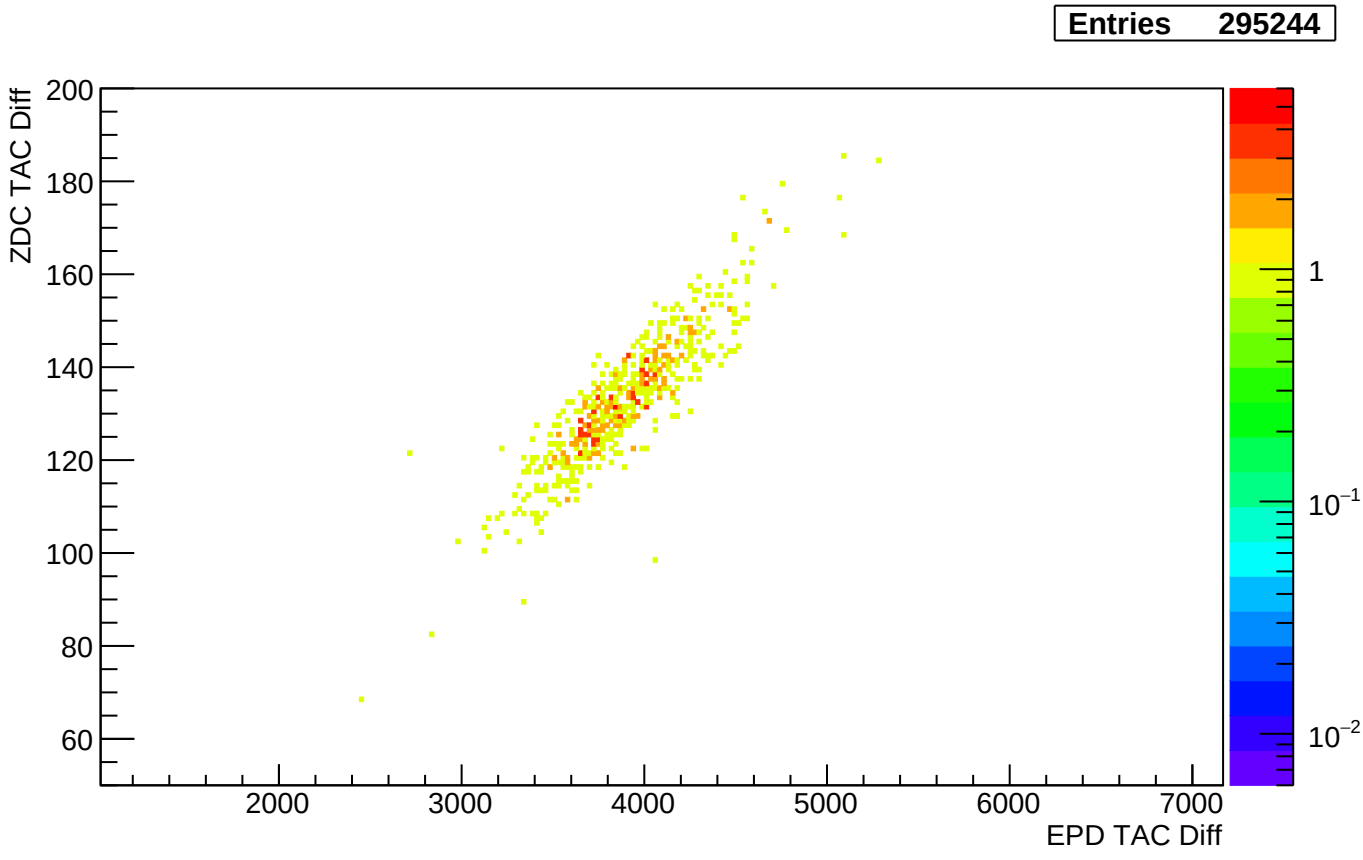

Entries 295244
TOF-Mult
BBC-S-West ADC Sum

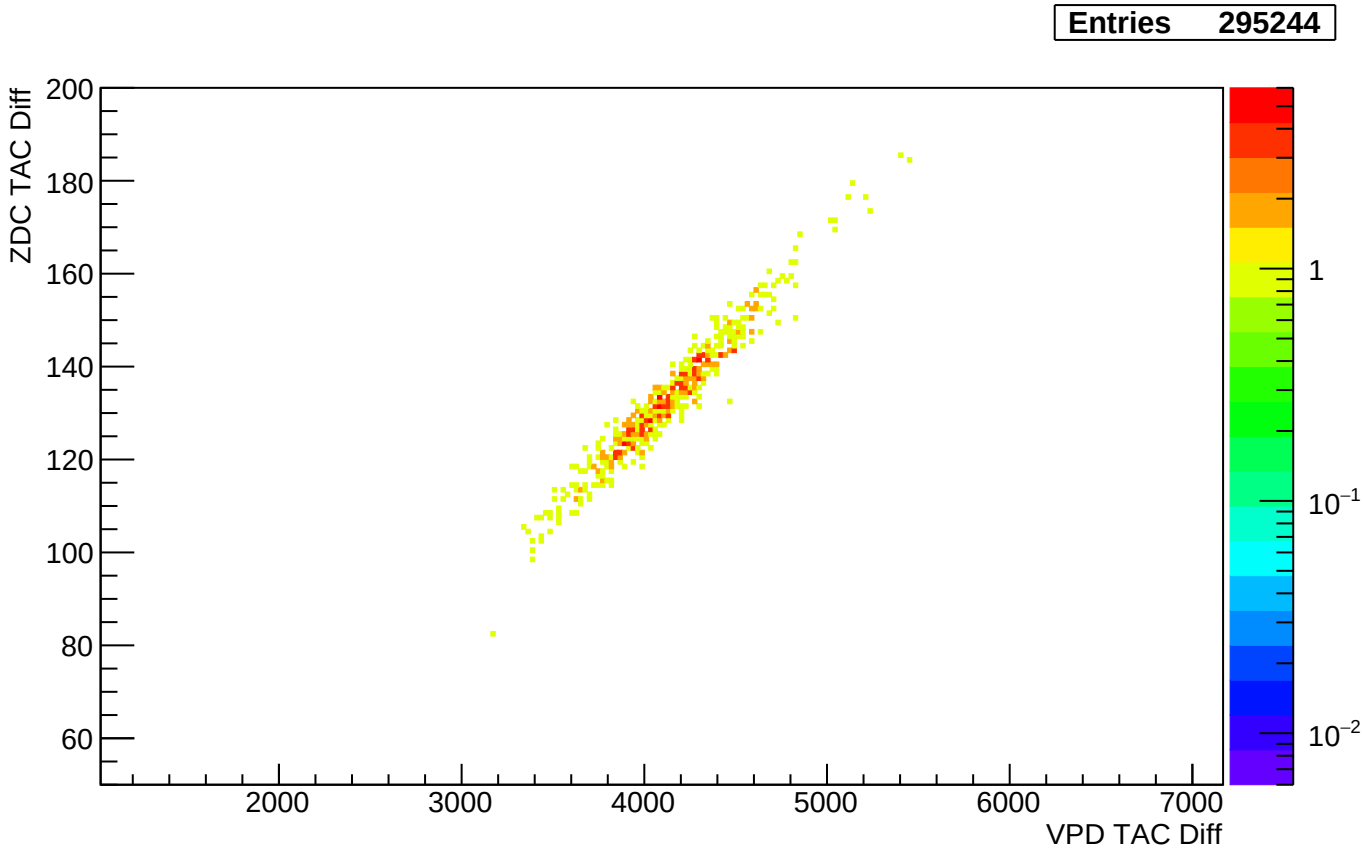

Entries 295244
TOF-Mult
EPD-East Hit Cnt

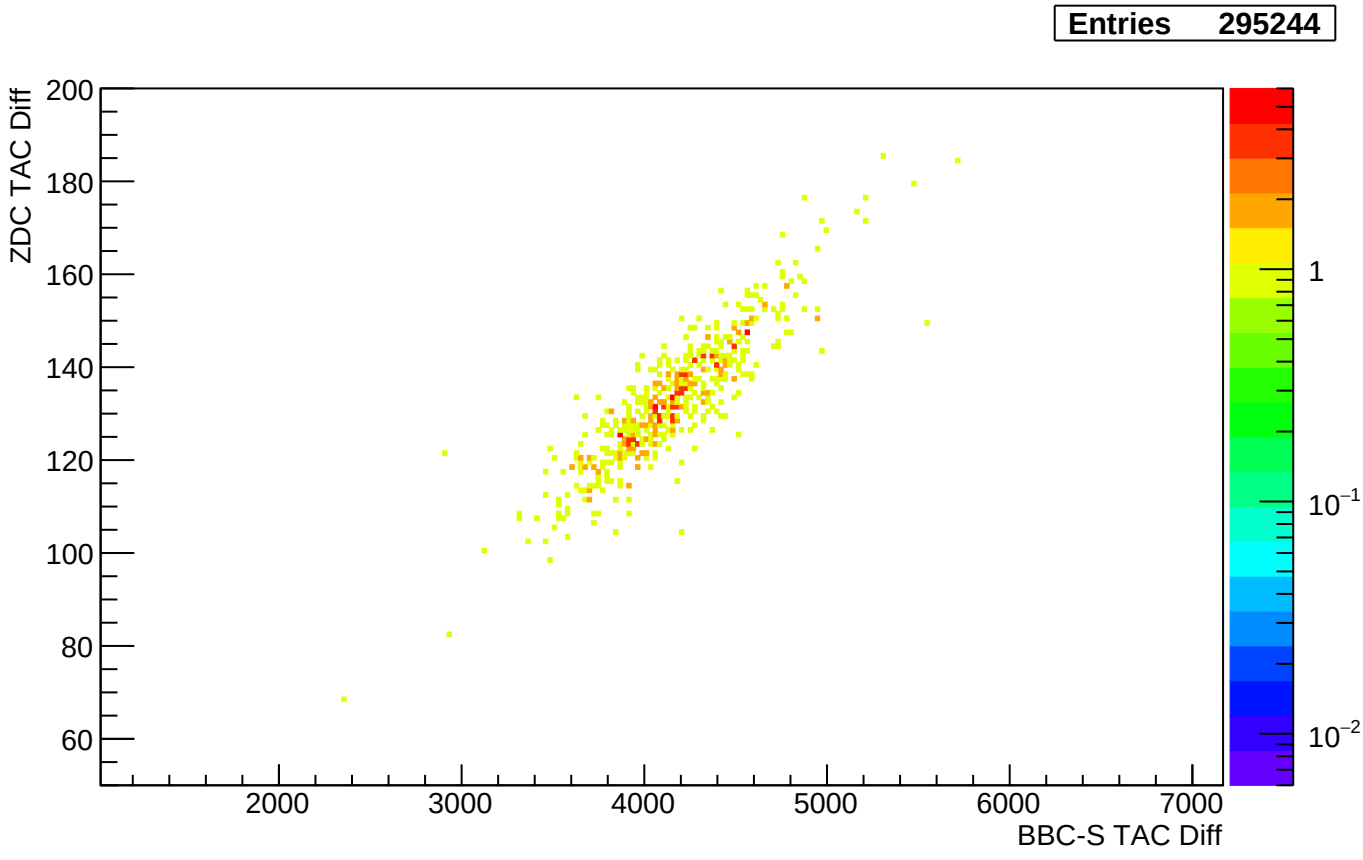

Entries 295244
TOF-Mult
EPD-West Hit Cnt

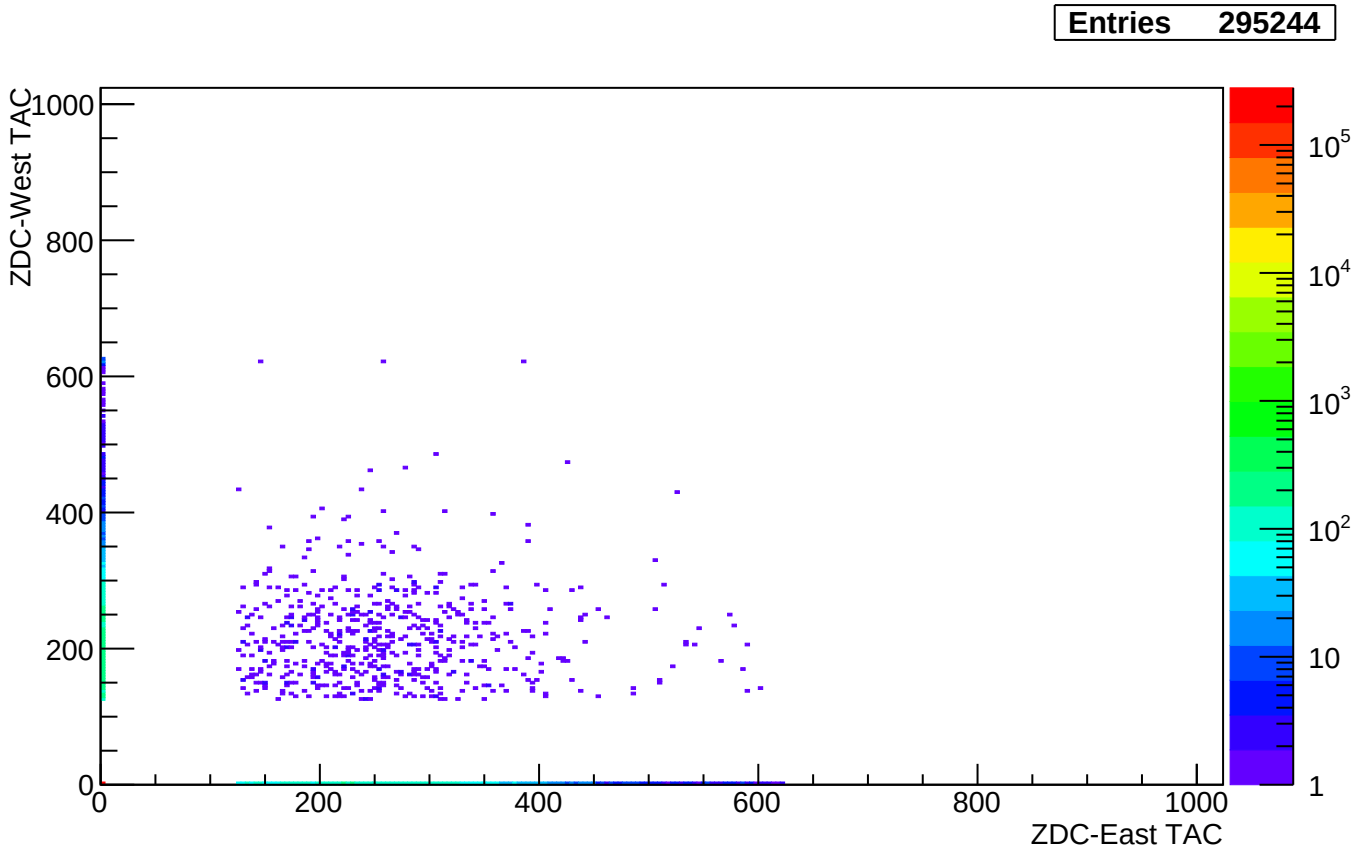

Entries 295244
TOF-Mult
VPD-East ADC Sum

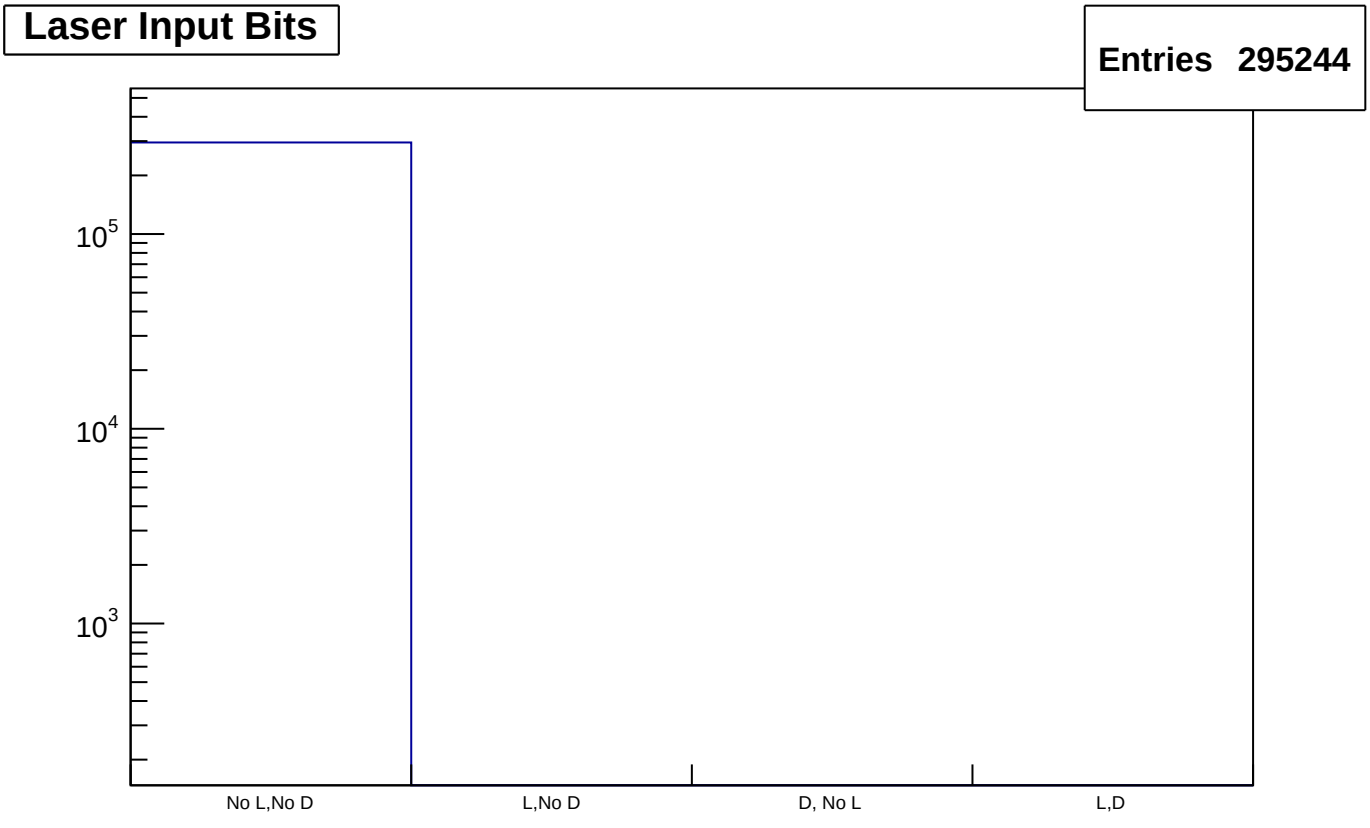

Entries 295244
TOF-Mult
VPD-West ADC Sum

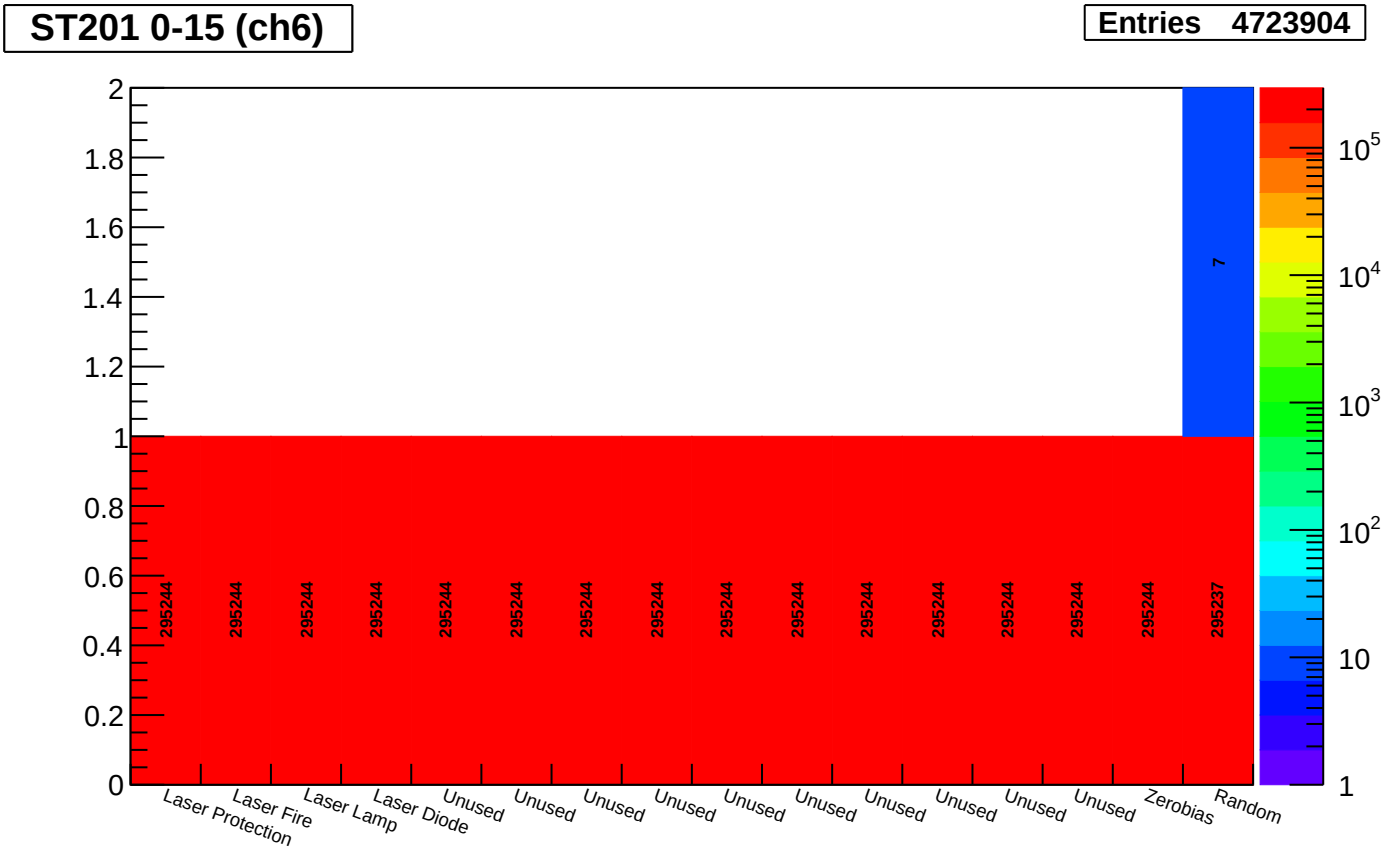

Entries 295244
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

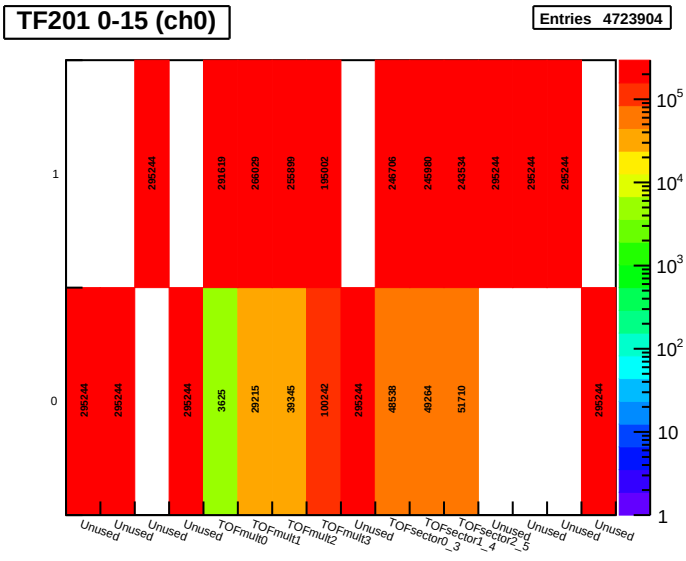

Entries 295244
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

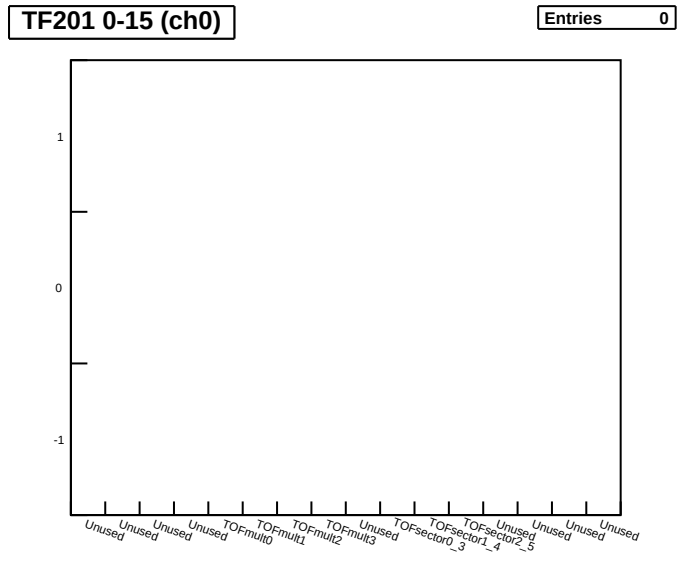

Entries 295244
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

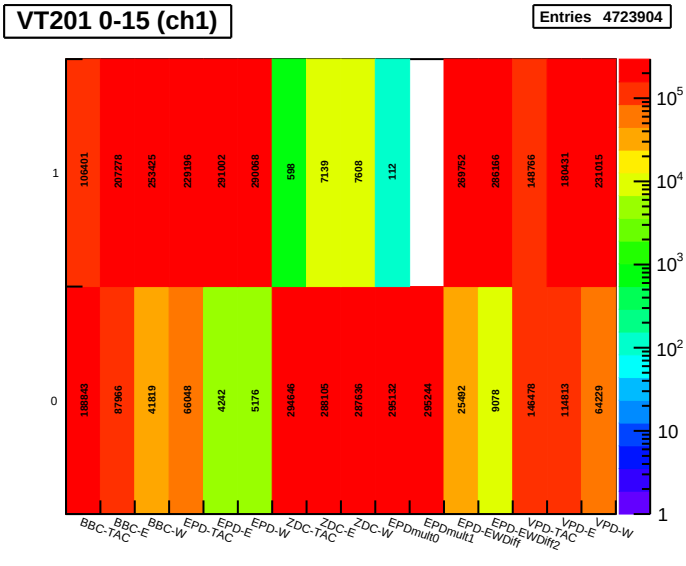

Entries 295244
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

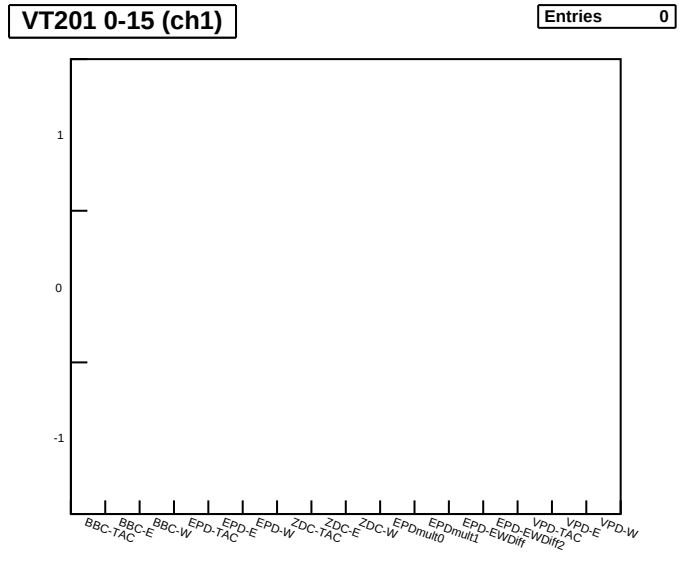

Laser Input Bits
Entries 295244
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

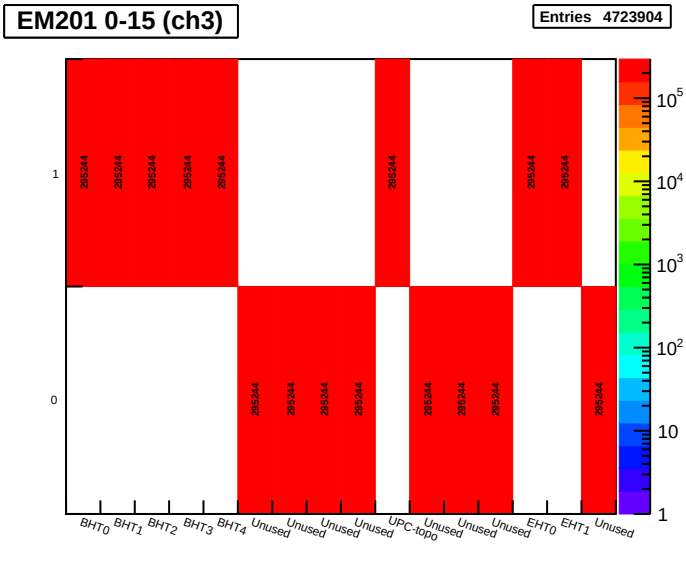

ST201 0-15 (ch6)
Entries 4723904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
295244
295237
7
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

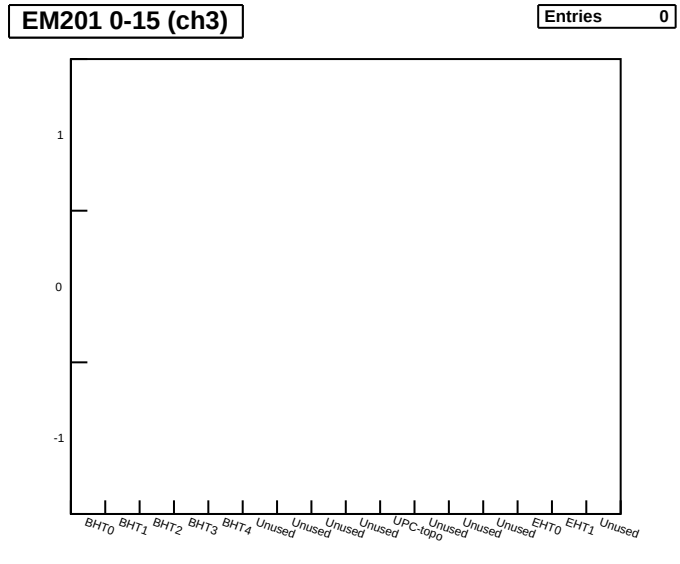

TF201 0-15 (ch0)
Entries 4723904
1
0
295244
295244
295244
295244
281619
266029
255899
195002
246706
245980
243534
295244
295244
295244
295244
295244
295244
36625
29215
39345
100242
295244
48538
49264
51710
295244
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4723904
1
0
106401
207278
253425
229196
291002
290068
598
7139
7608
112
269752
286166
148766
180431
231015
188843
87966
41819
66048
4242
5176
294646
288105
287636
295132
295244
25492
9078
146478
114813
64229
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 4723904
1
0
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
295244
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