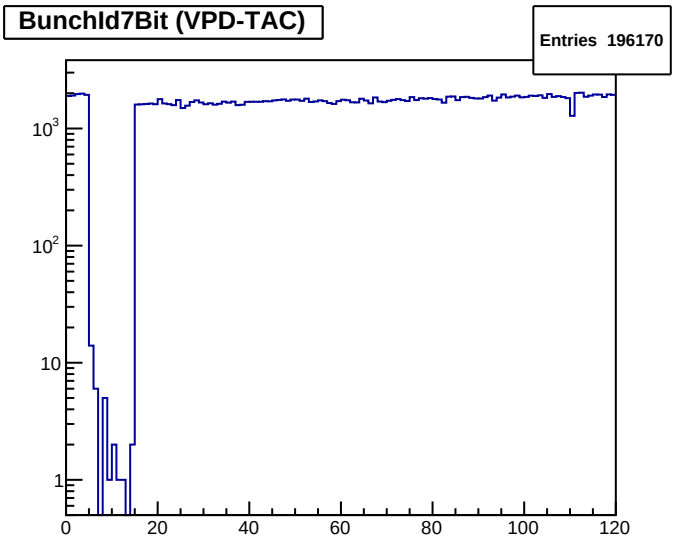
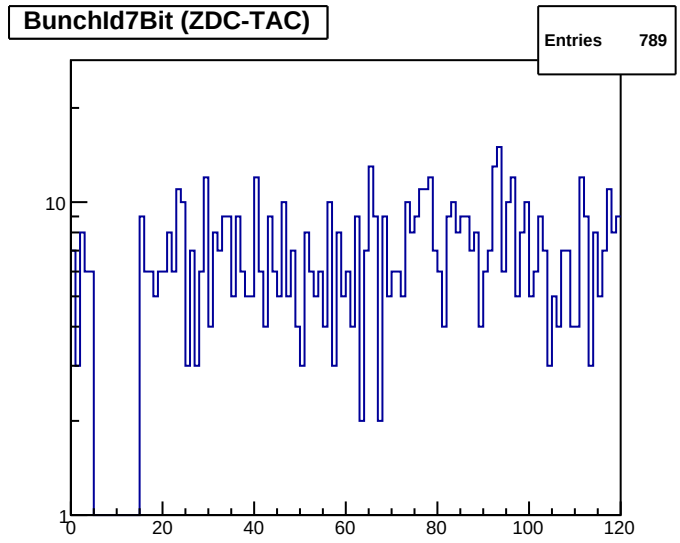
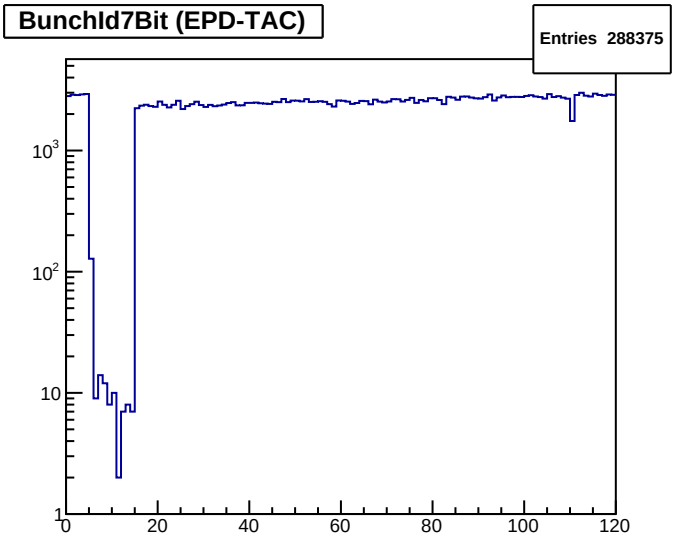
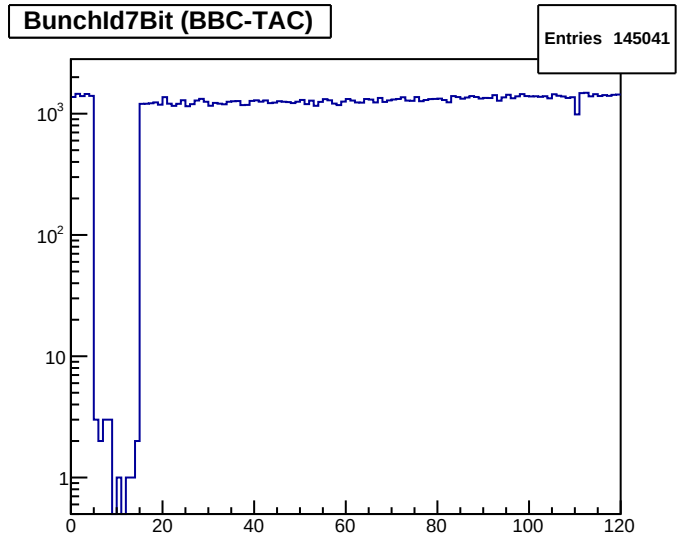
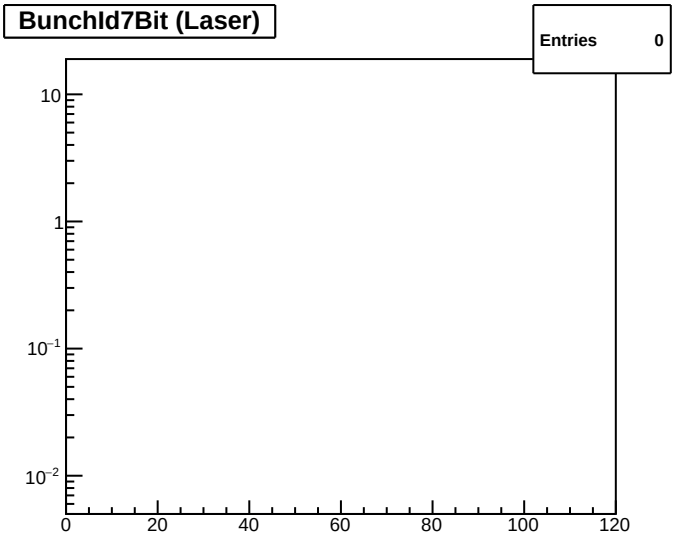
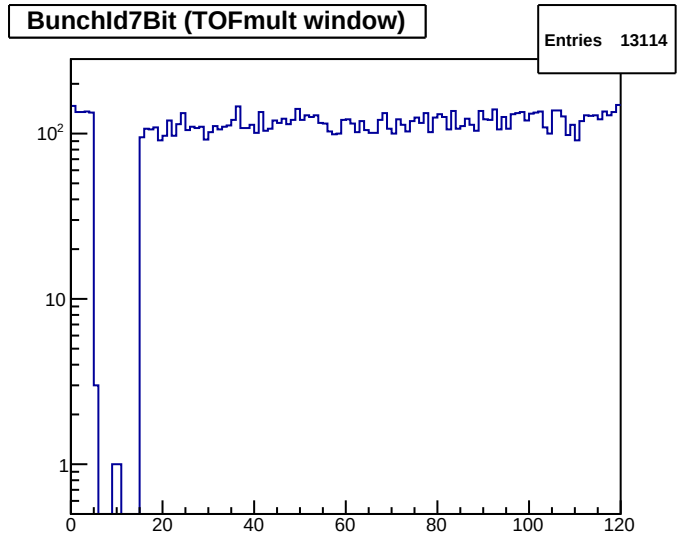

BunchId7Bit (VPD-TAC)
Entries 196170

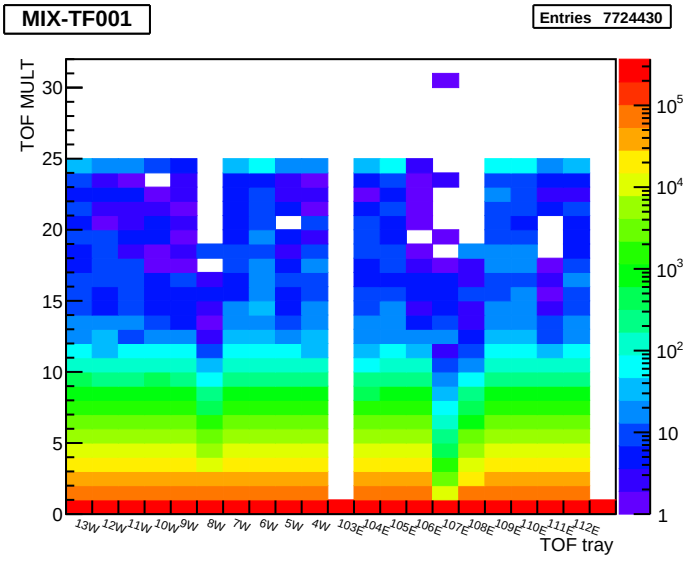

BunchId7Bit (ZDC-TAC)
Entries 789

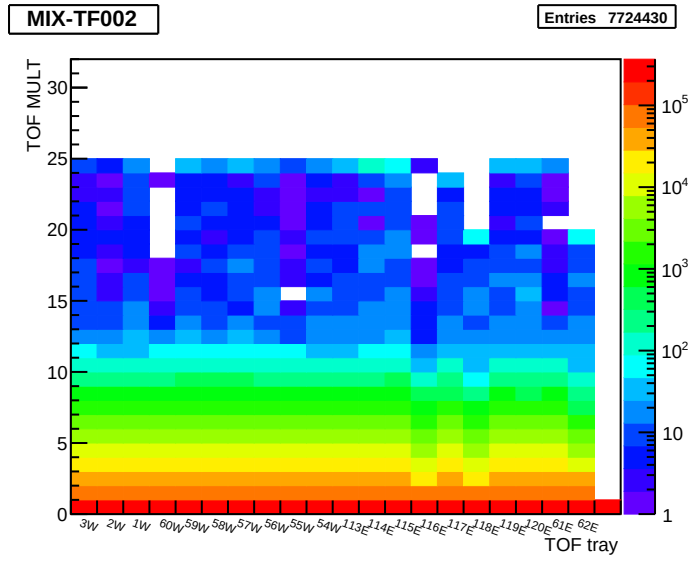

BunchId7Bit (EPD-TAC)
Entries 288375

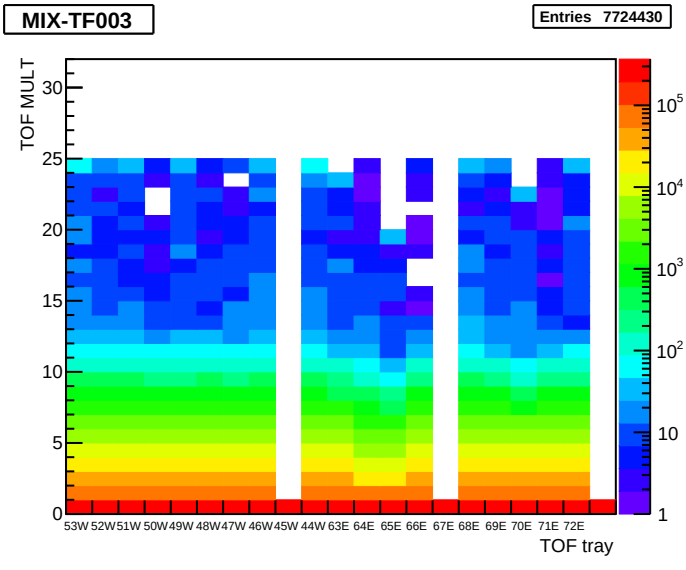

BunchId7Bit (BBC-TAC)
Entries 145041

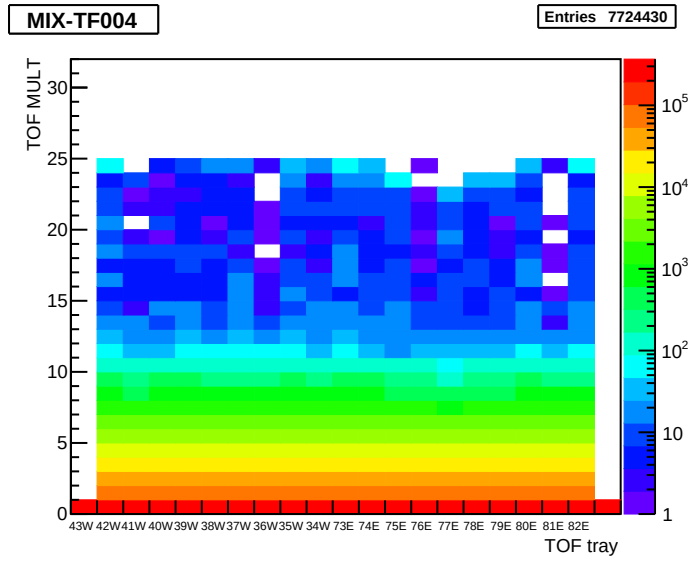

BunchId7Bit (Laser)
Entries 0

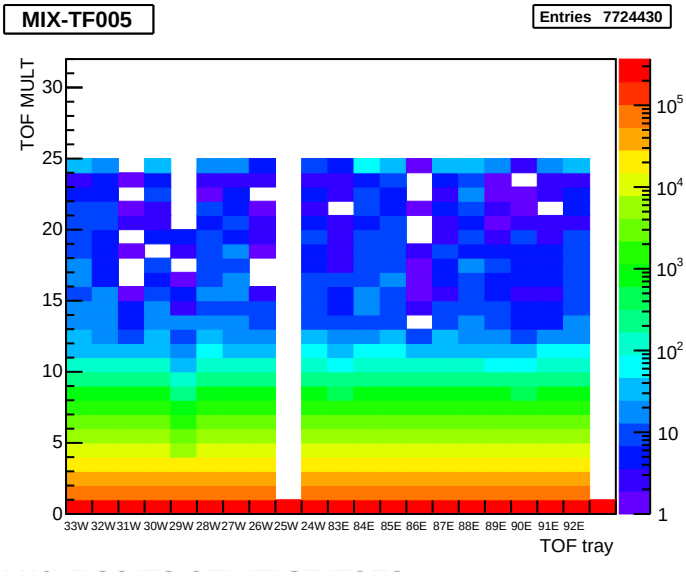

BunchId7Bit (TOFmult window)
Entries 13114

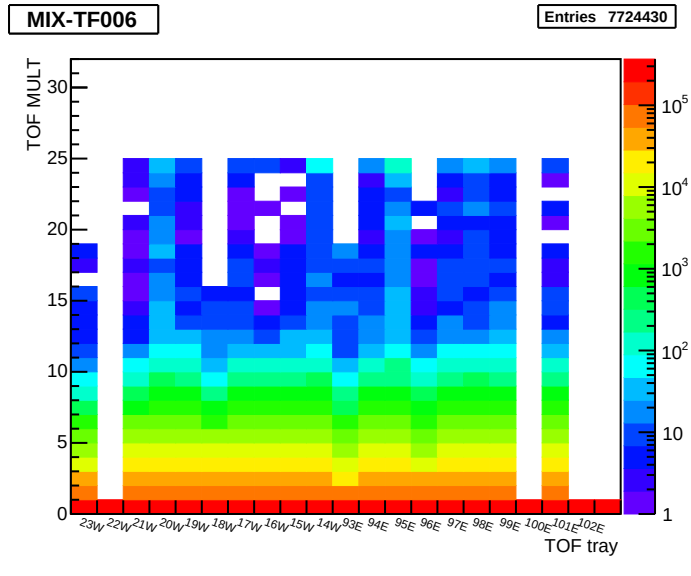

MIX-TF001
Entries 7724430
TOF MULT
TOF tray

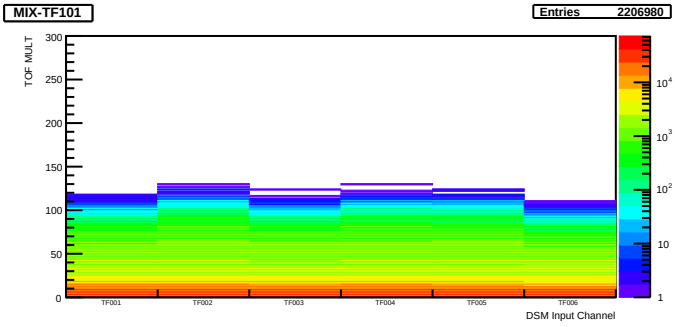

MIX-TF002
Entries 7724430
TOF MULT
TOF tray

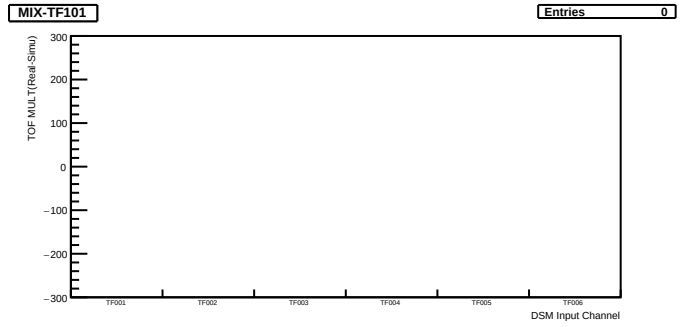

MIX-TF003
Entries 7724430
TOF MULT
TOF tray

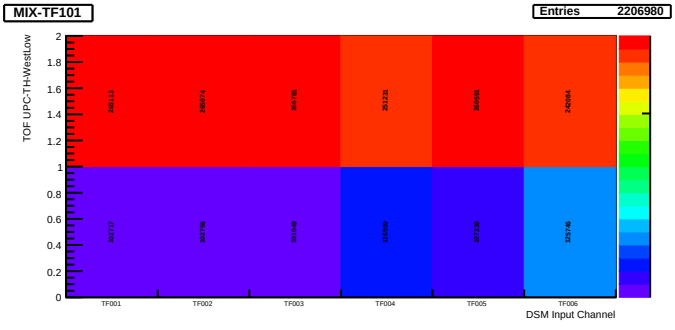

MIX-TF004
Entries 7724430
TOF MULT
TOF tray

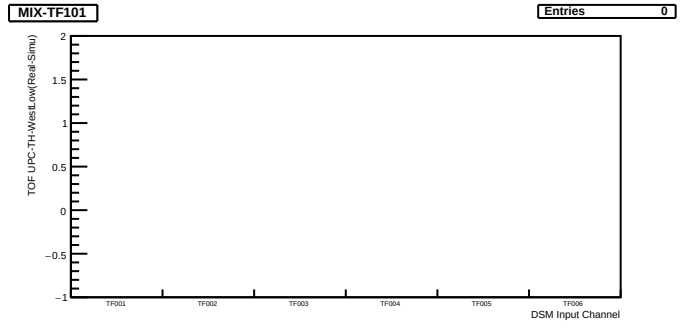

MIX-TF005
Entries 7724430
TOF MULT
TOF tray

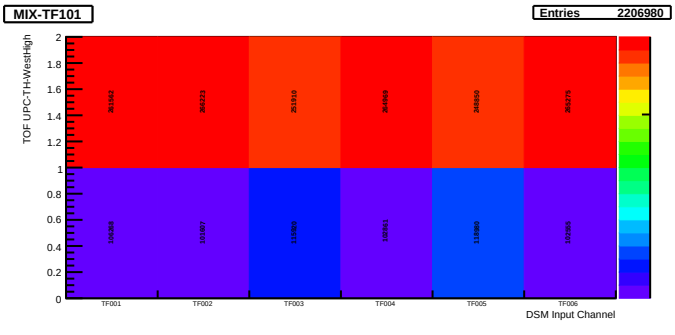

MIX-TF006
Entries 7724430
TOF MULT
TOF tray

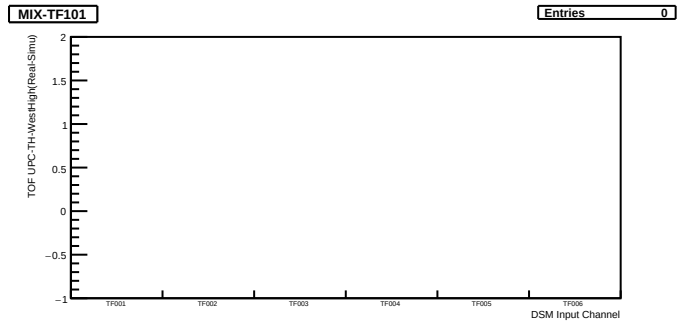

MIX-TF101
Entries 2206980
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

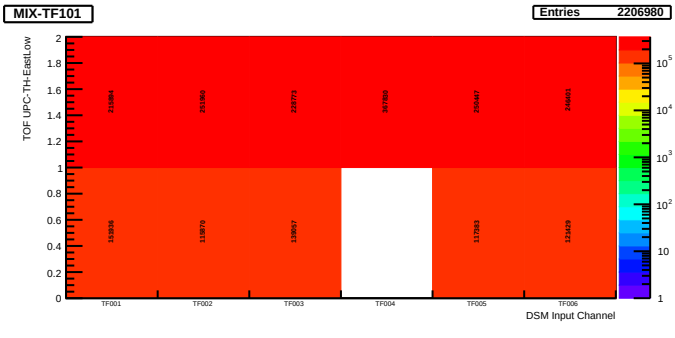

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

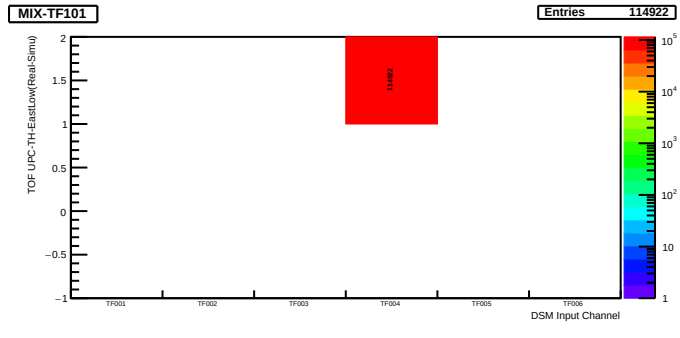

MIX-TF101
Entries 2206980
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

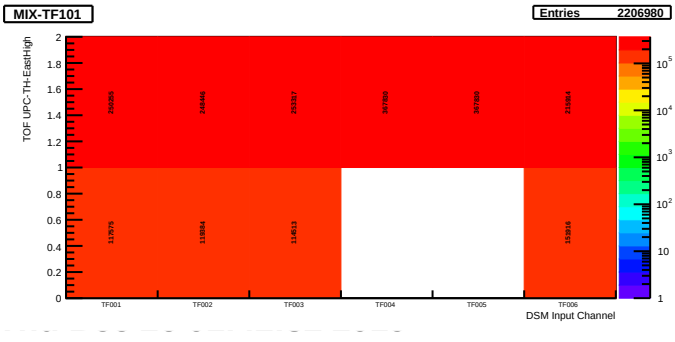

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

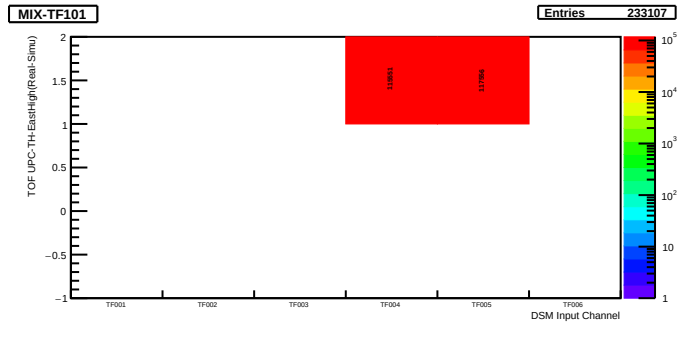

MIX-TF101
Entries 2206980
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

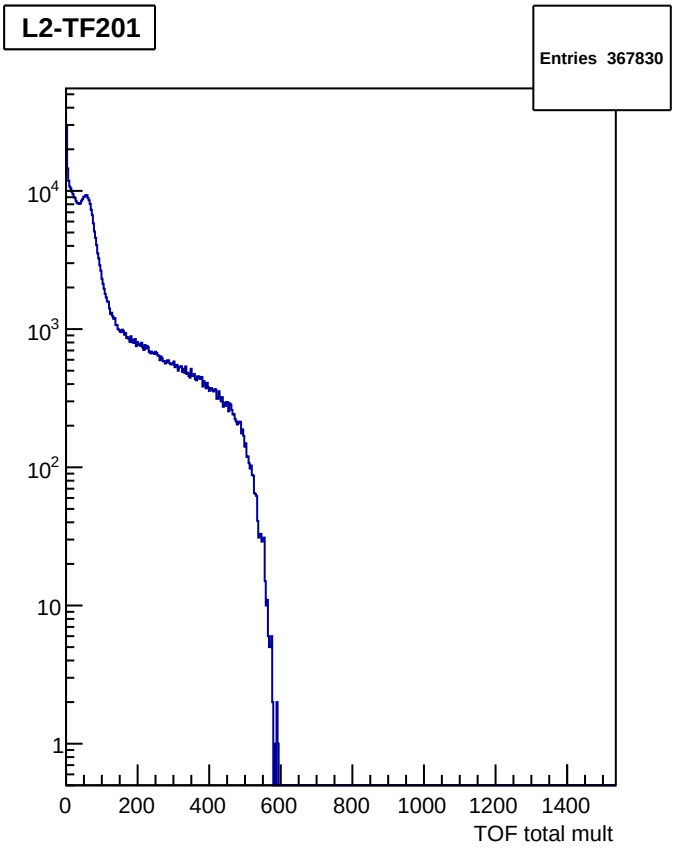

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

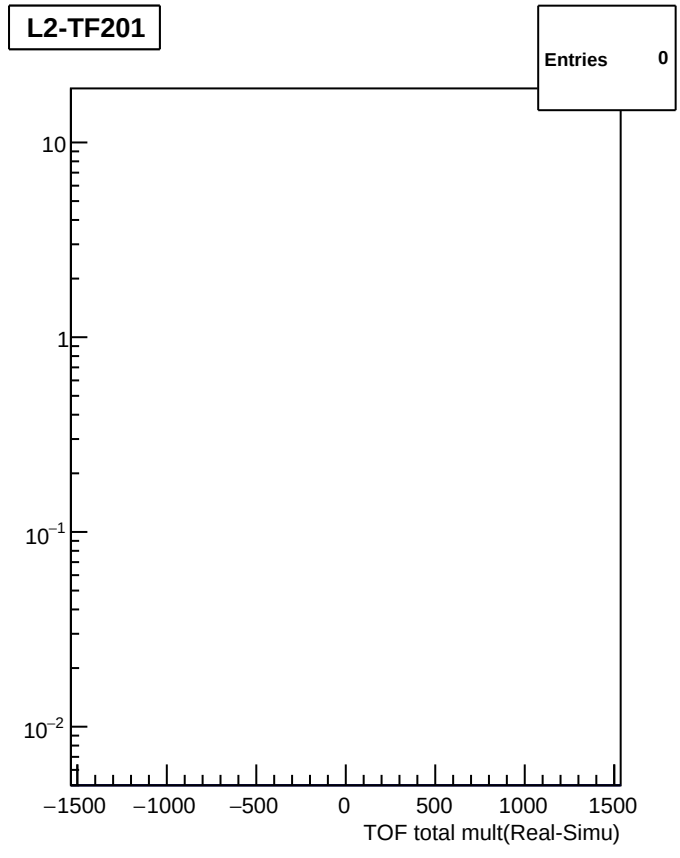

MIX-TF101
Entries 2206980
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

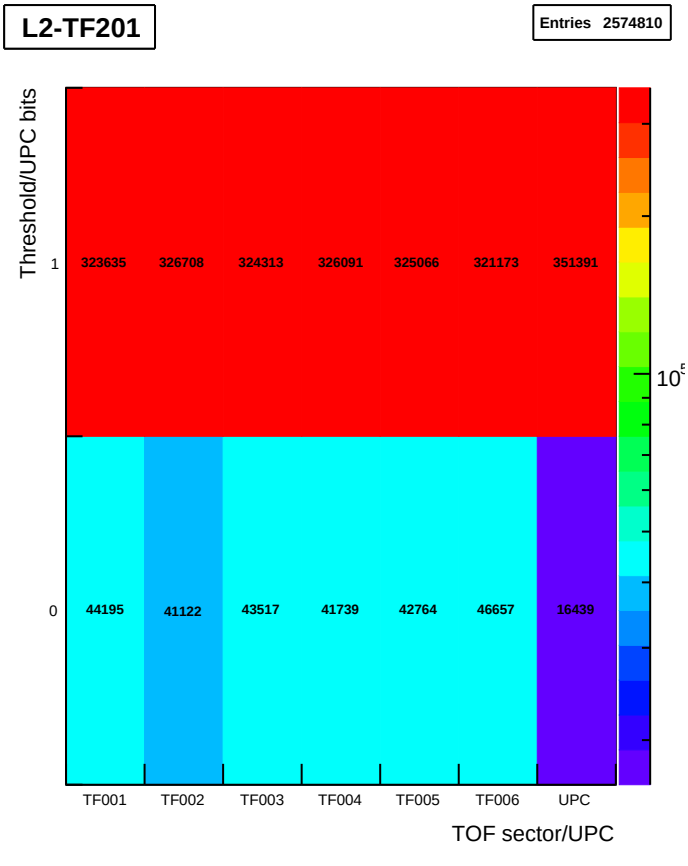

MIX-TF101
Entries 114922
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

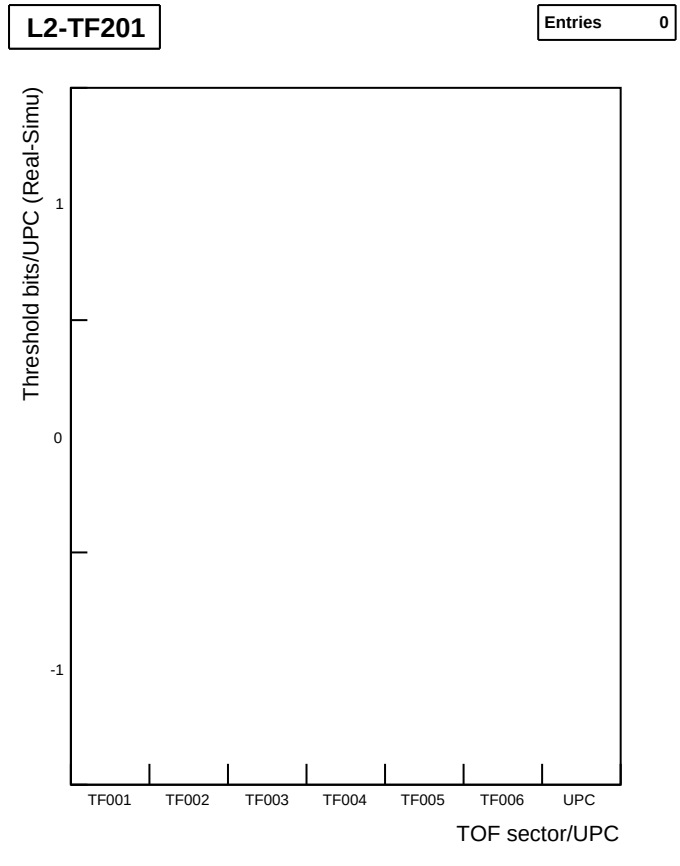

MIX-TF101
Entries 2206980
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

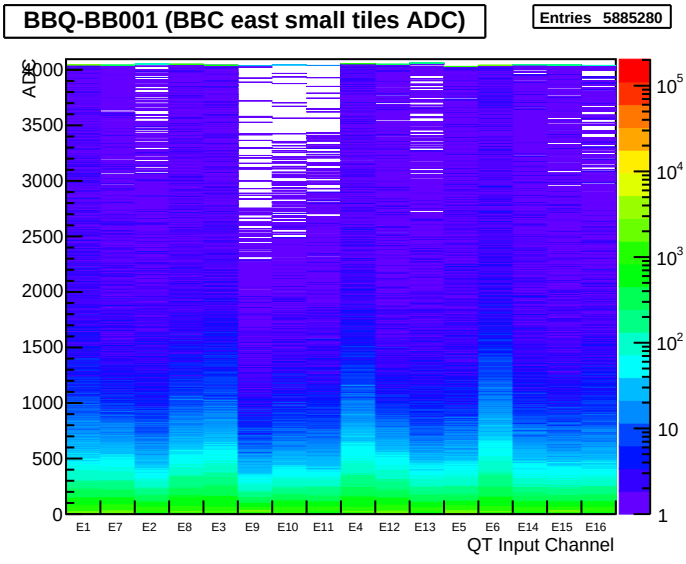

MIX-TF101
Entries 233107
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

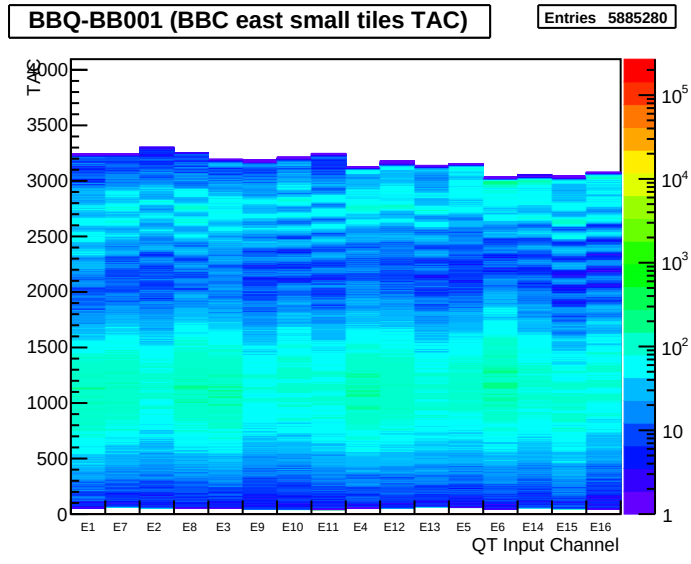

L2-TF201
Entries 367830
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

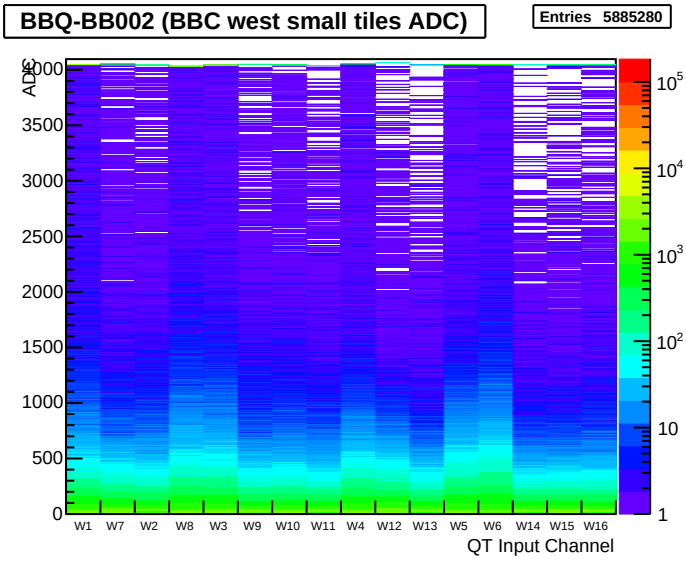

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

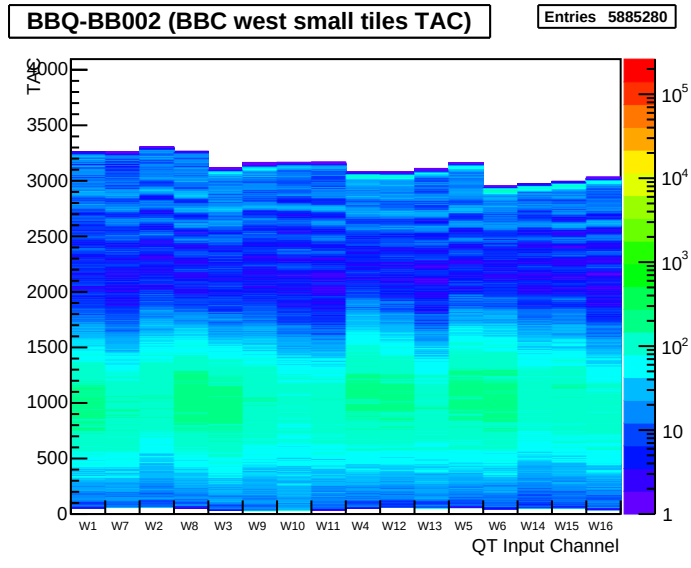

L2-TF201
Entries 2574810
Threshold/UPC bits
1
0
323635
326708
324313
326091
325066
321173
351391
44195
41122
43517
41739
42764
46657
16439
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

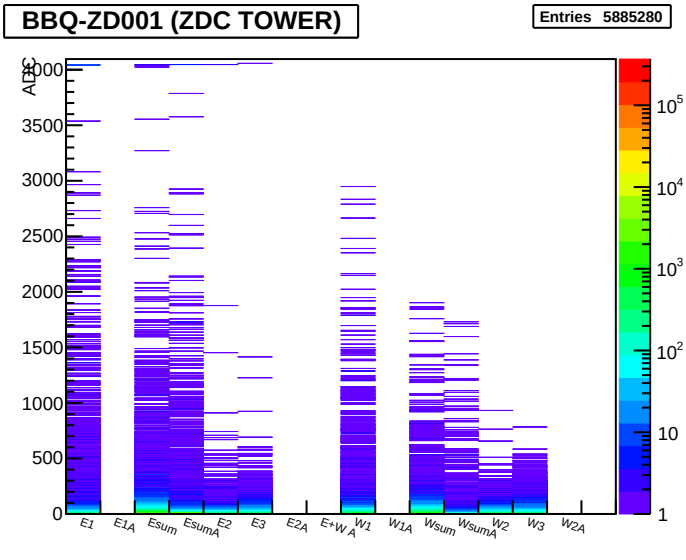

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

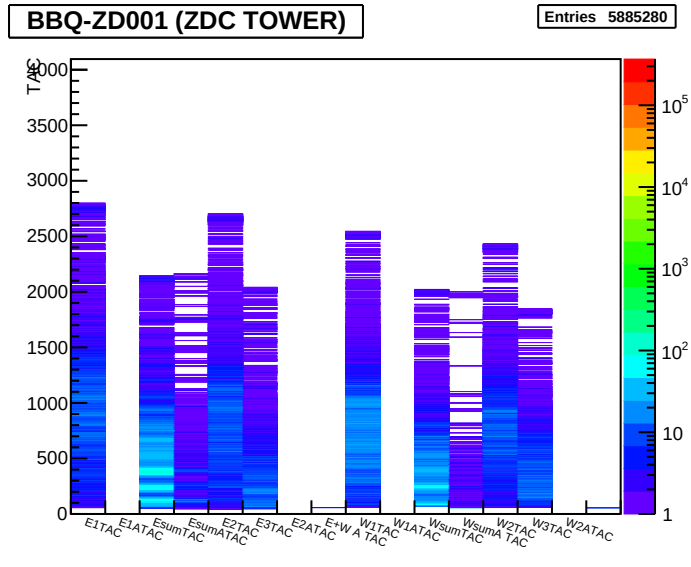

BBQ-BB001 (BBC east small tiles ADC)
Entries 5885280
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

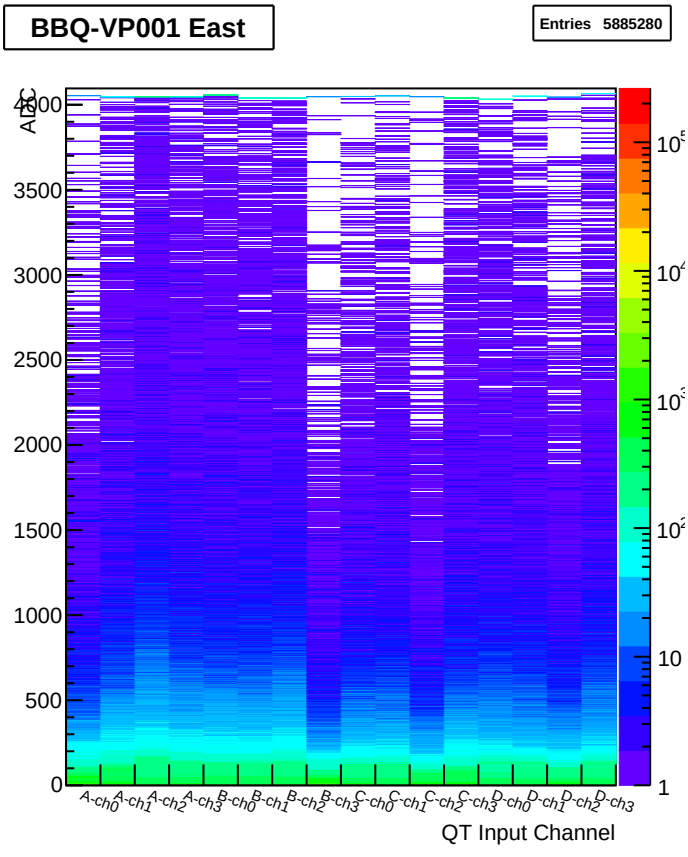

BBQ-BB001 (BBC east small tiles TAC)
Entries 5885280
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

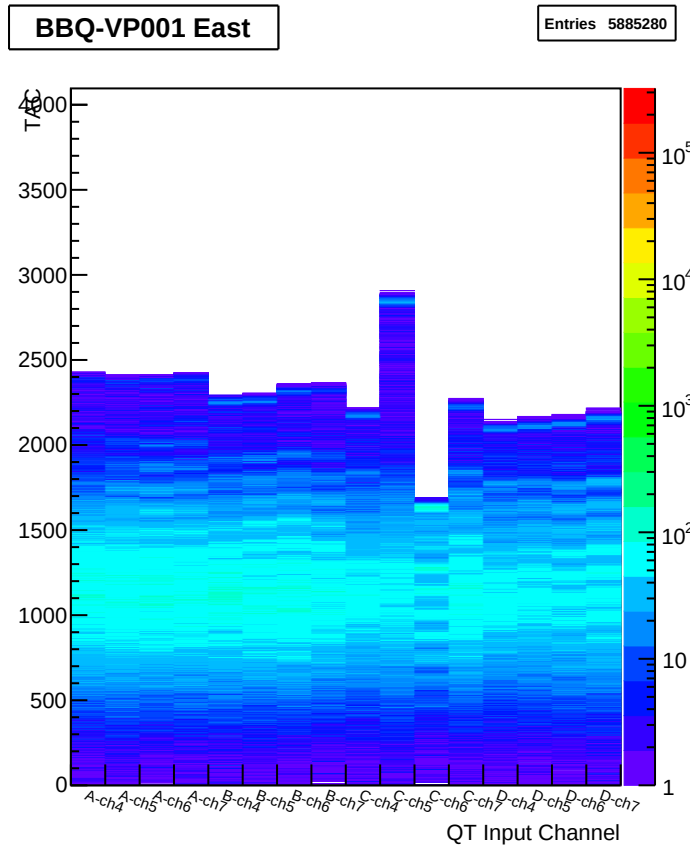

BBQ-BB002 (BBC west small tiles ADC)
Entries 5885280
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

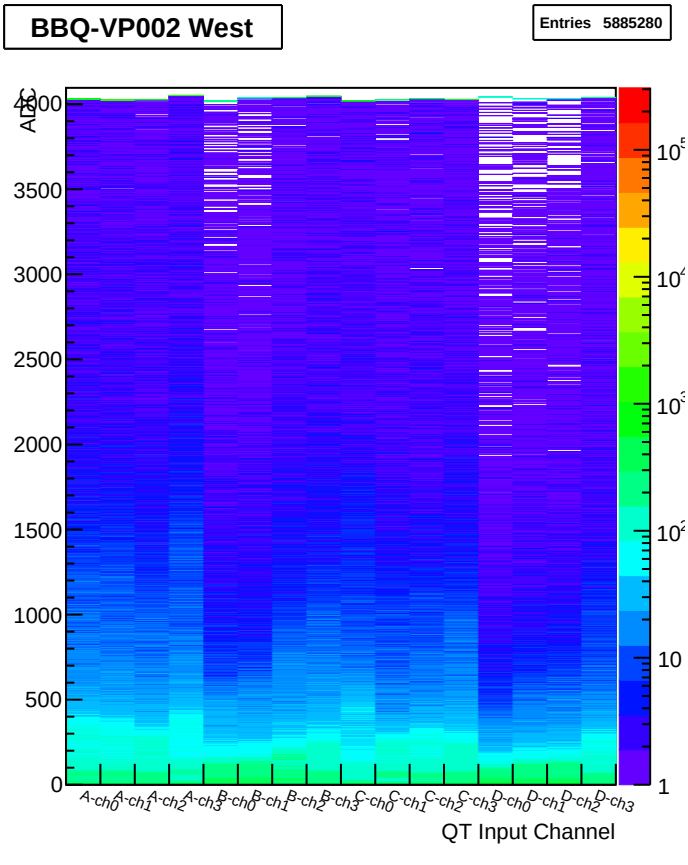

BBQ-BB002 (BBC west small tiles TAC)
Entries 5885280
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

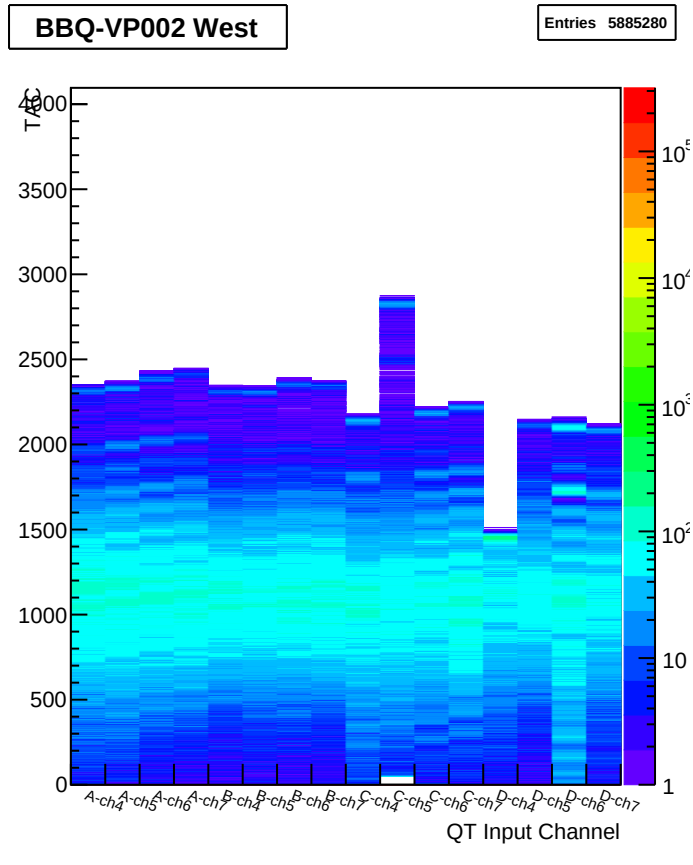

BBQ-ZD001 (ZDC TOWER)
Entries 5885280
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

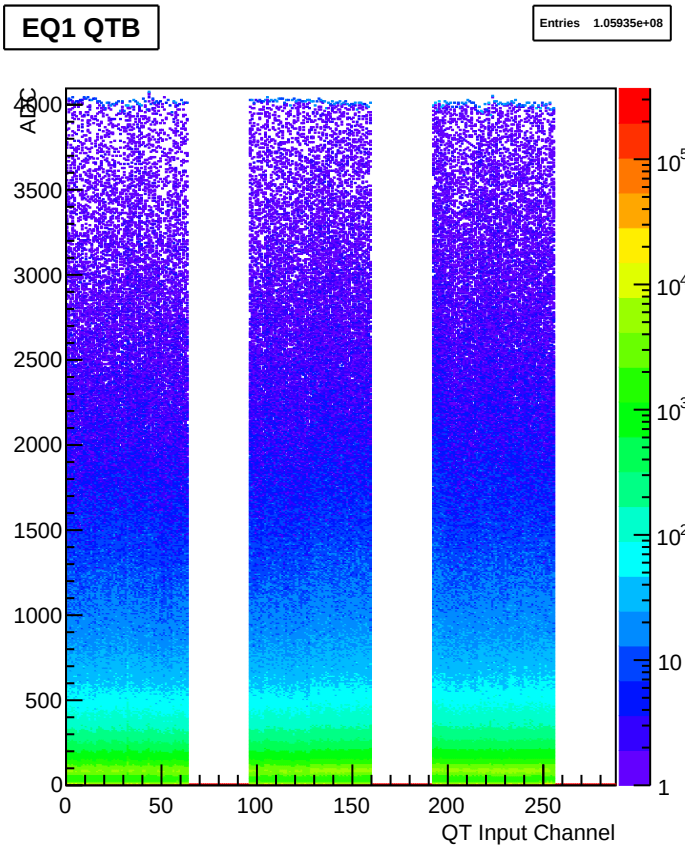

BBQ-ZD001 (ZDC TOWER)
Entries 5885280
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

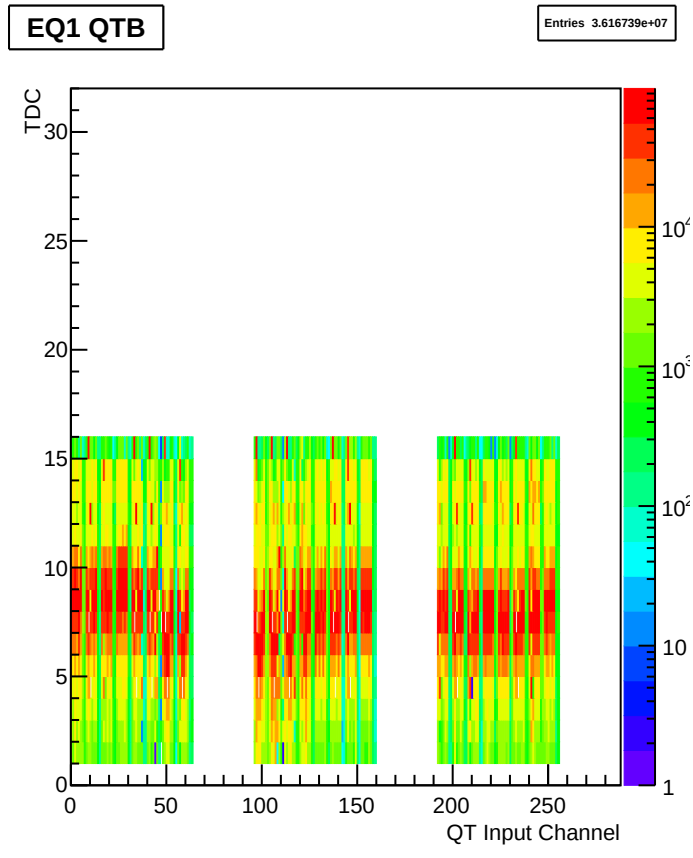

BBQ-VP001 East
Entries 5885280
ADC
QT Input Channel

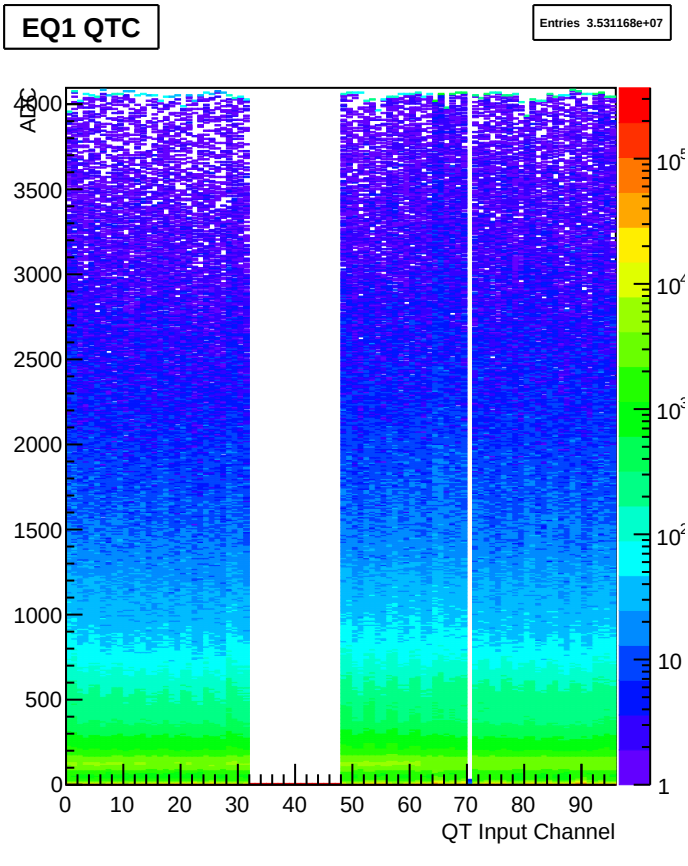

BBQ-VP001 East
Entries 5885280
ADC
QT Input Channel

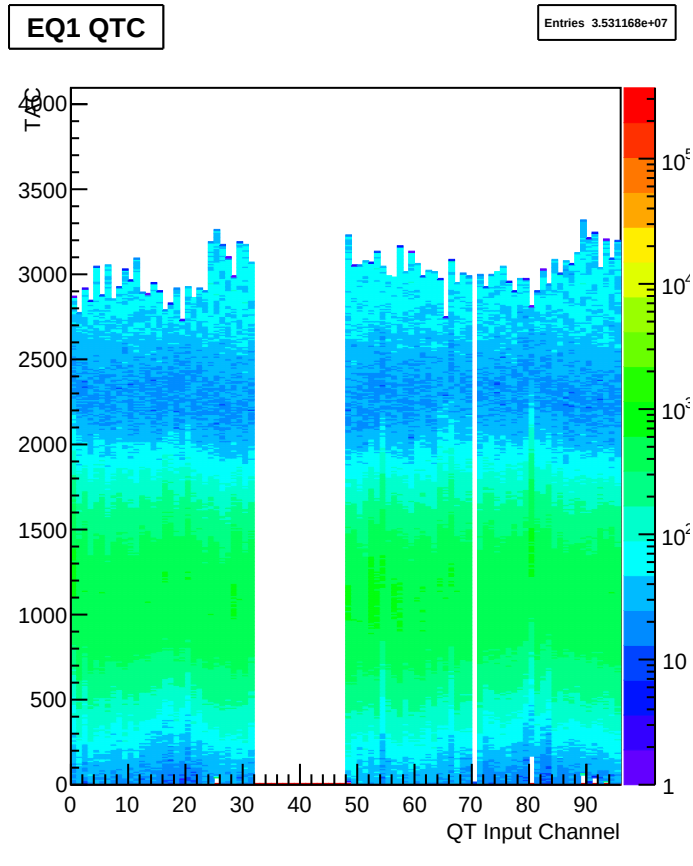

BBQ-VP002 West
Entries 5885280
ADC
QT Input Channel

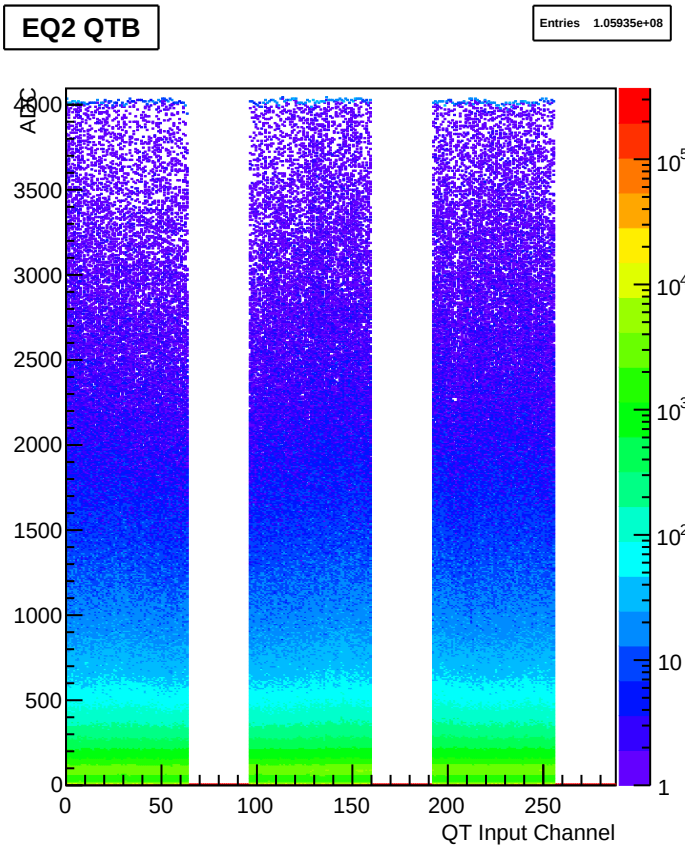

BBQ-VP002 West
Entries 5885280
ADC
QT Input Channel

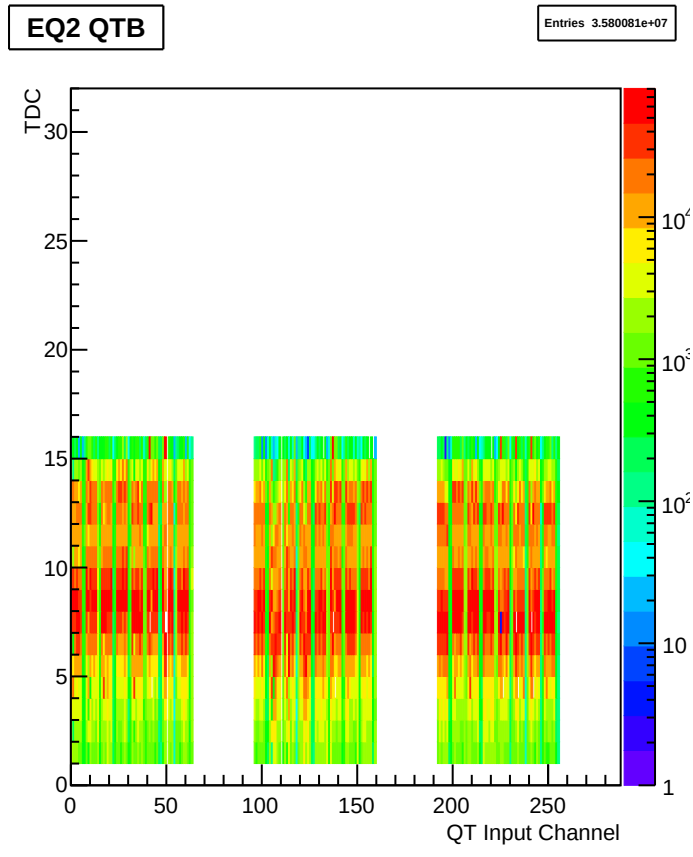

EQ1 QTB
Entries 1.05935e+08
ADC
QT Input Channel

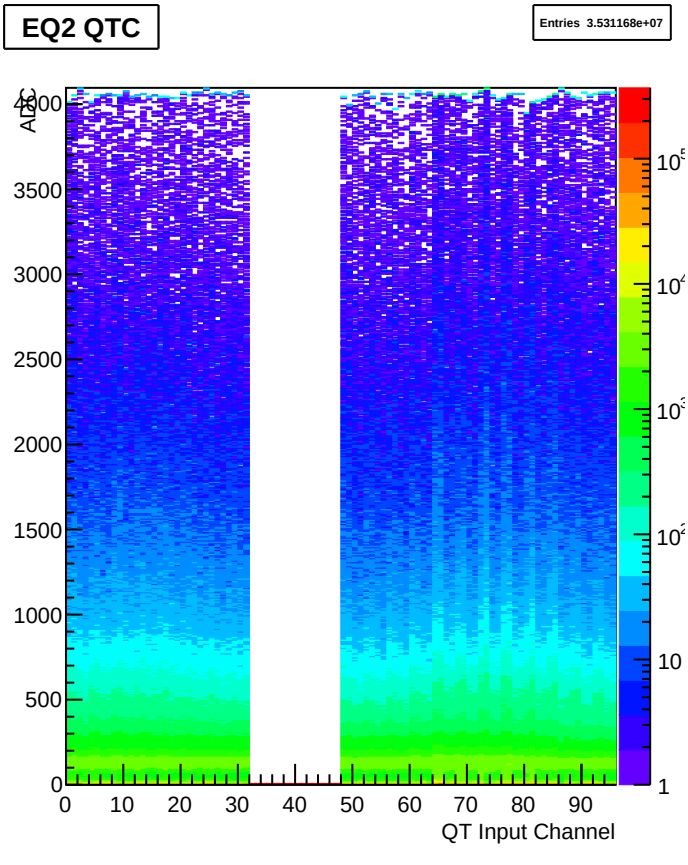

EQ1 QTB
Entries 3.616739e+07
TDC
QT Input Channel

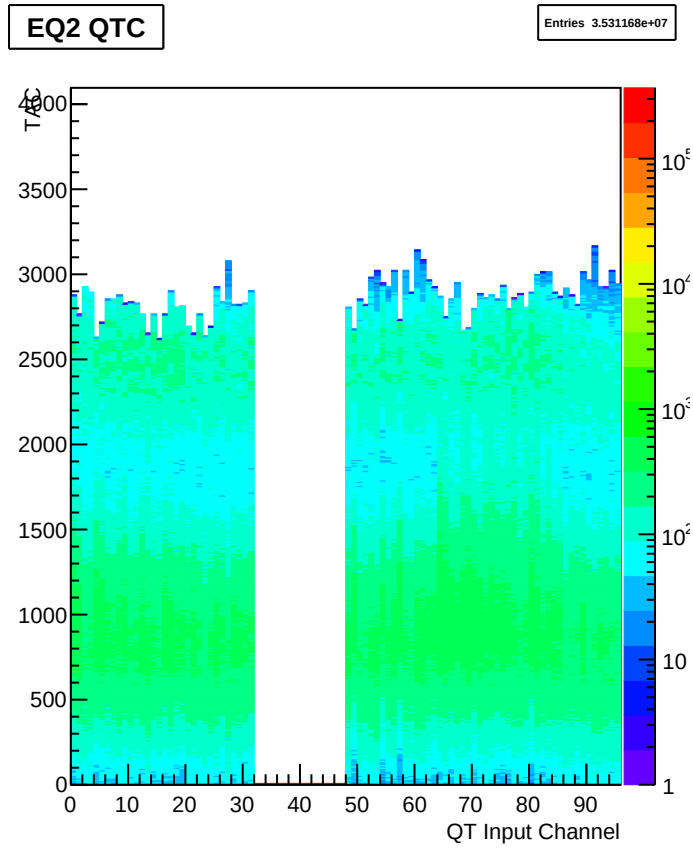

EQ1 QTC
Entries 3.531168e+07
ADC
QT Input Channel

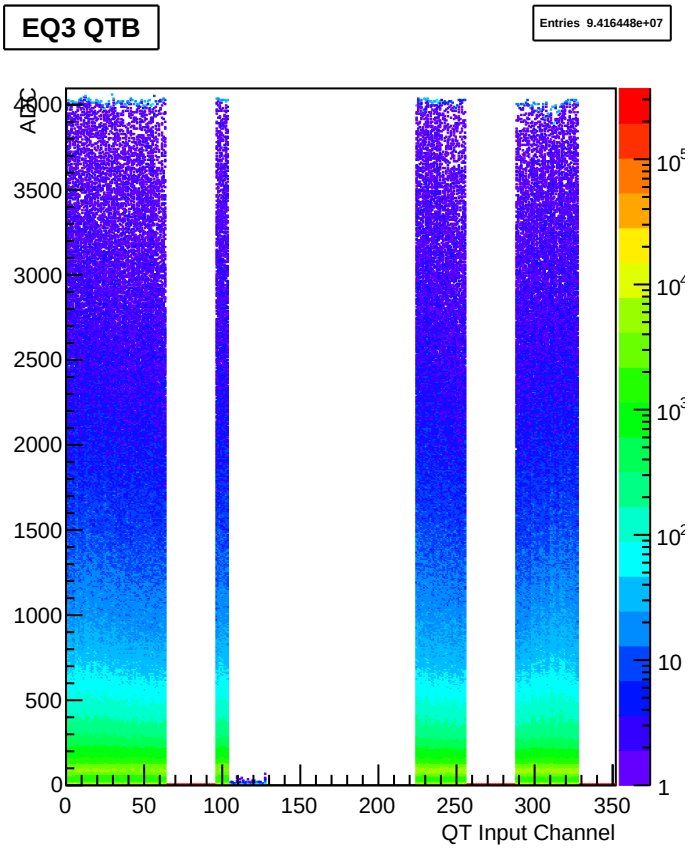

EQ1 QTC
Entries 3.531168e+07
TADC
QT Input Channel

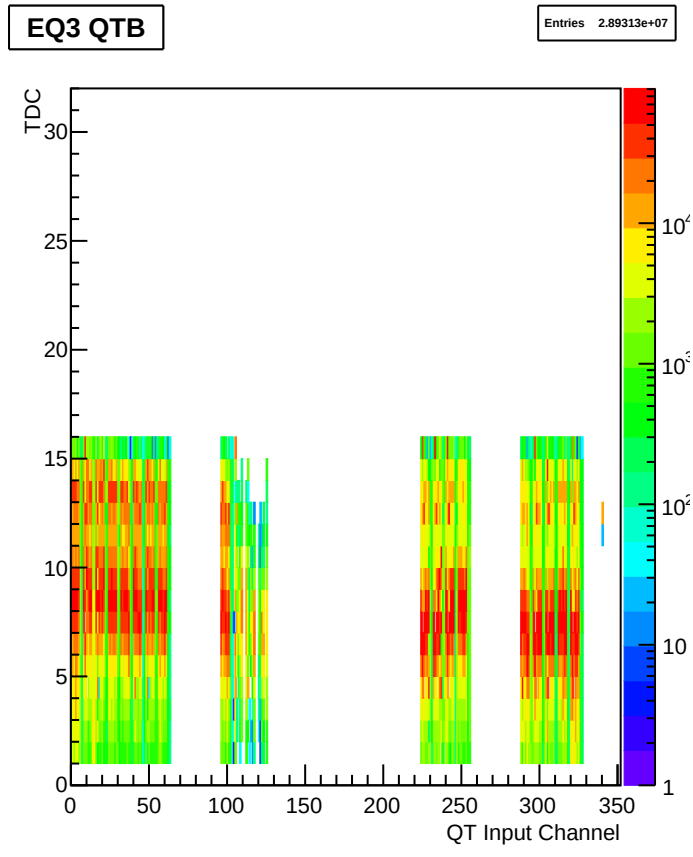

EQ2 QTB
Entries 1.05935e+08
ADC
QT Input Channel

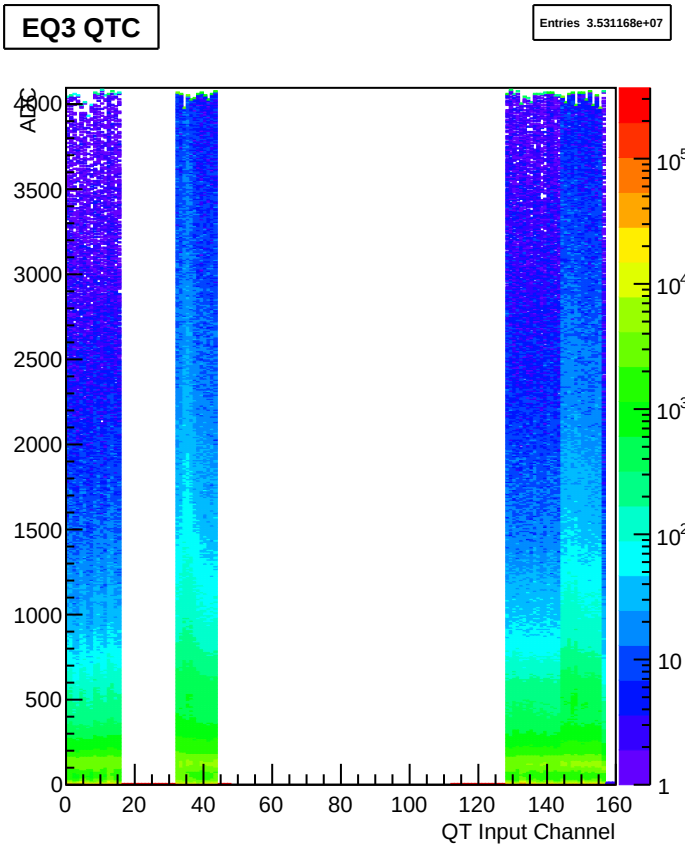

EQ2 QTB
Entries 3.580081e+07
TDC
QT Input Channel

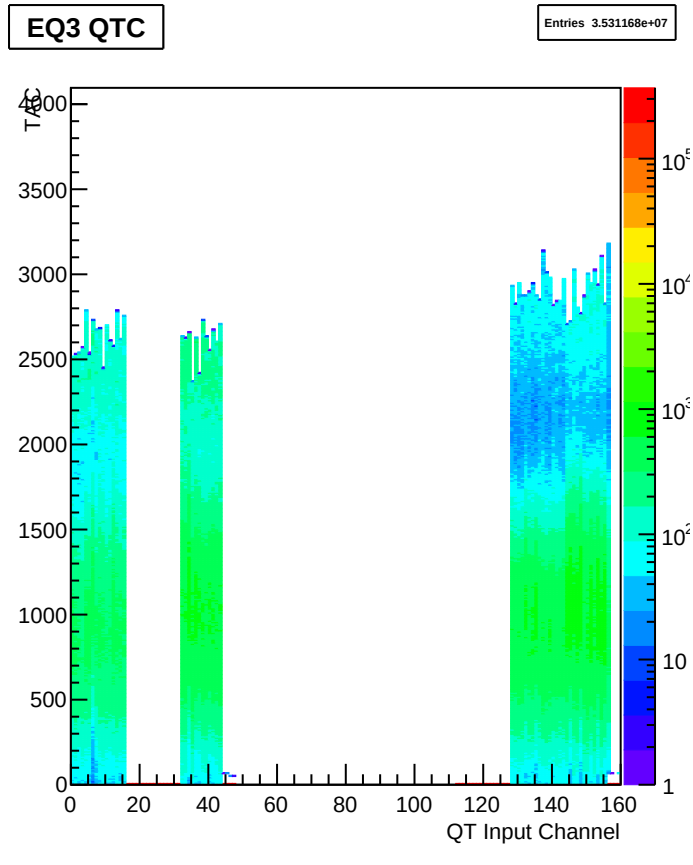

EQ2 QTC
Entries 3.531168e+07
ADC
QT Input Channel

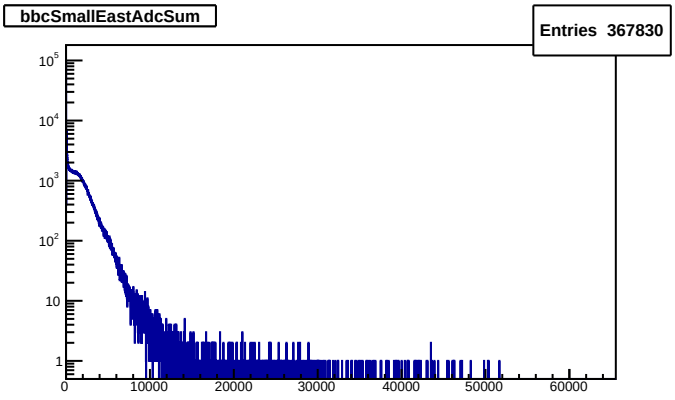

EQ2 QTC
Entries 3.531168e+07
TADC
QT Input Channel

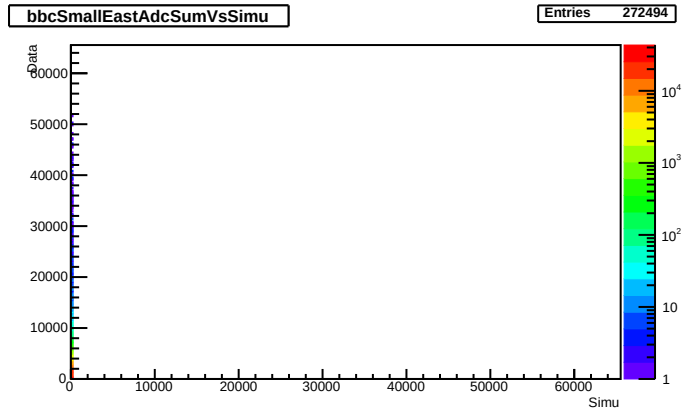

EQ3 QTB
Entries 9.416448e+07
ADC
QT Input Channel

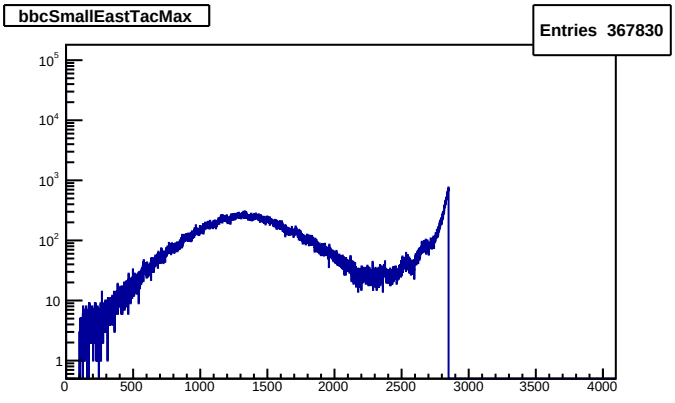

EQ3 QTB
Entries 2.89313e+07
TDC
QT Input Channel

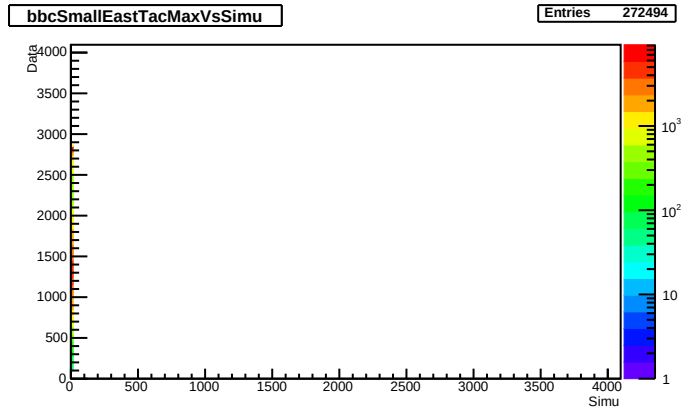

EQ3 QTC
Entries 3.531168e+07
ADC
QT Input Channel

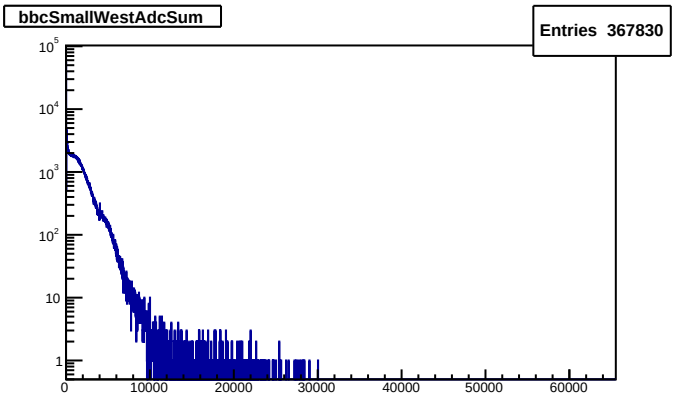

EQ3 QTC
Entries 3.531168e+07
TADC
QT Input Channel

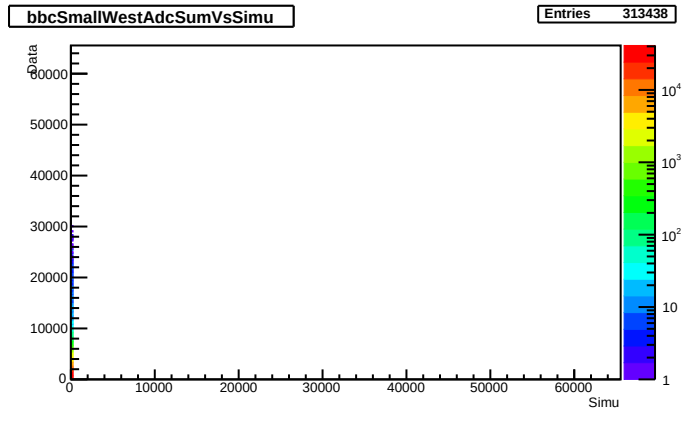

bbcSmallEastAdcSum
Entries 367830

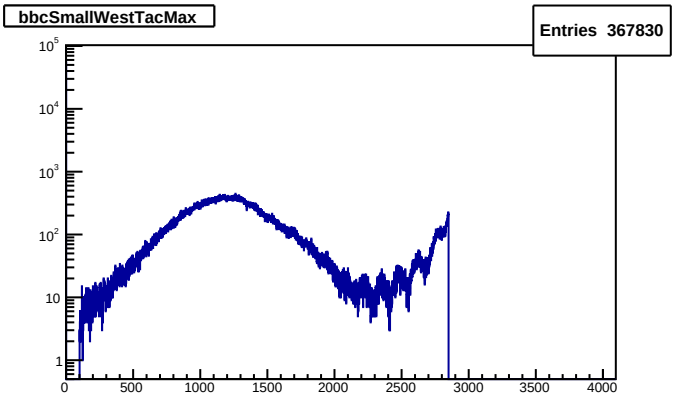

bbcSmallEastAdcSumVsSimu
Entries 272494
Data
Simu

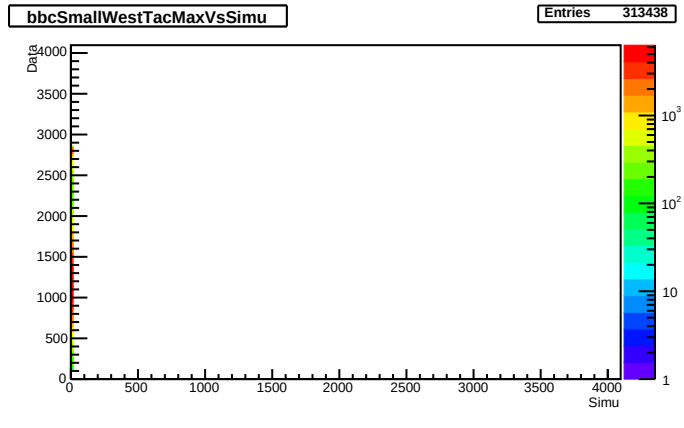

bbcSmallEastTacMax
Entries 367830

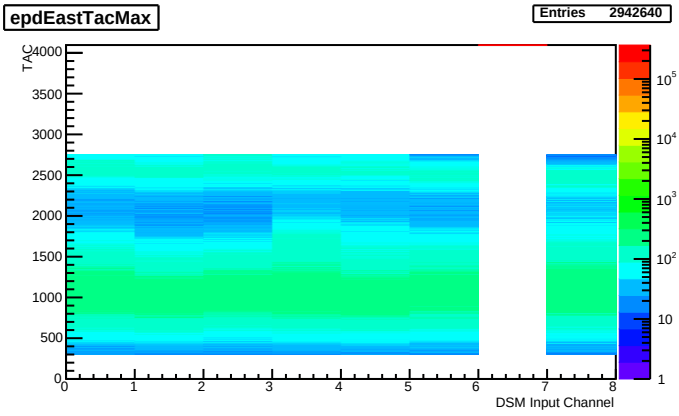

bbcSmallEastTacMaxVsSimu
Entries 272494
Data
Simu

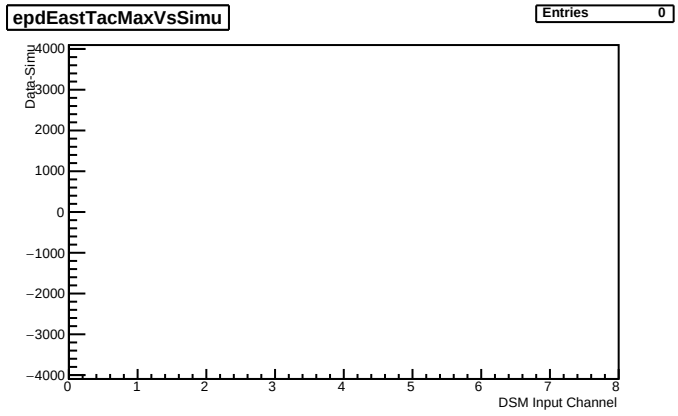

bbcSmallWestAdcSum
Entries 367830

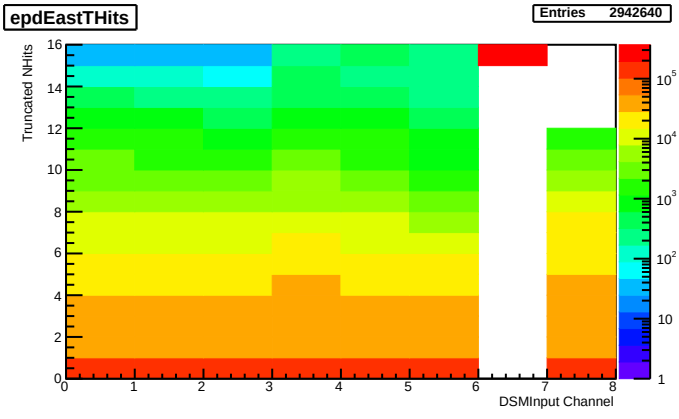

bbcSmallWestAdcSumVsSimu
Entries 313438
Data
Simu

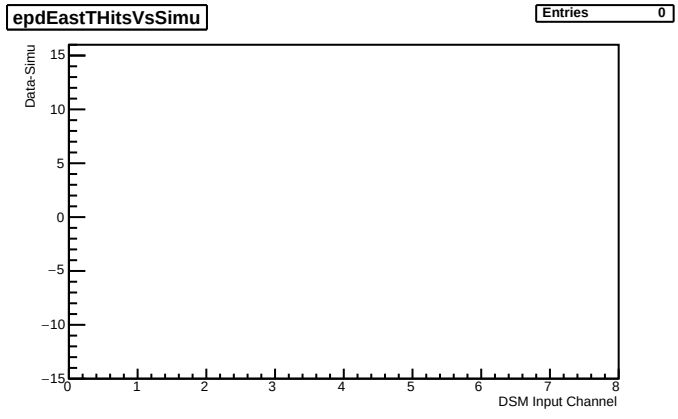

bbcSmallWestTacMax
Entries 367830

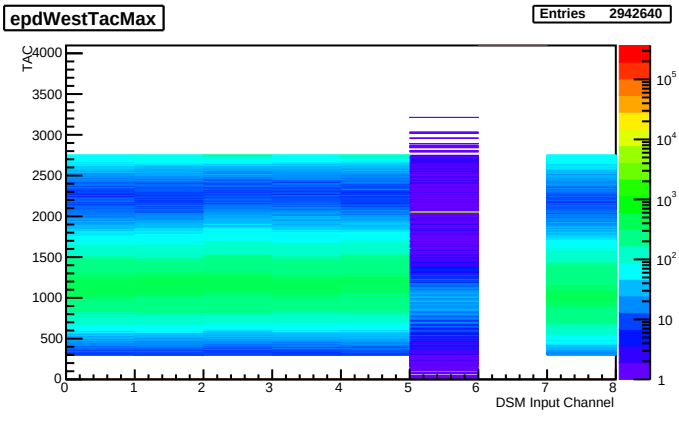

bbcSmallWestTacMaxVsSimu
Entries 313438
Data
Simu

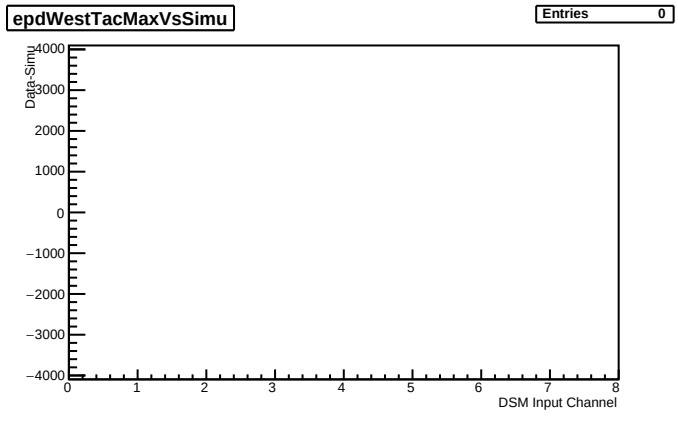

epdEastTacMax
Entries 2942640
TAC
DSM Input Channel

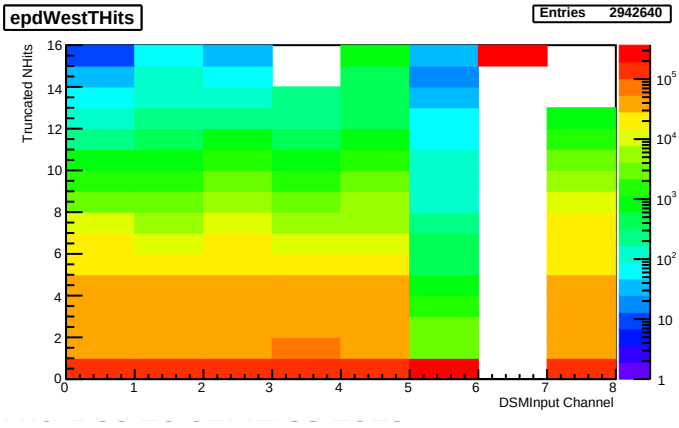

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

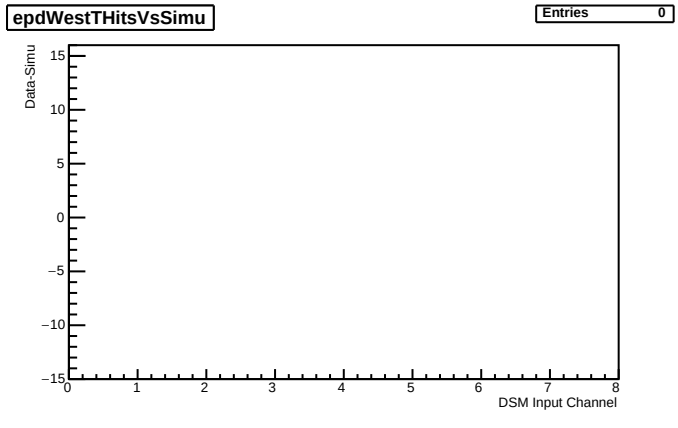

epdEastTHits
Entries 2942640
Truncated NHits
DSMInput Channel

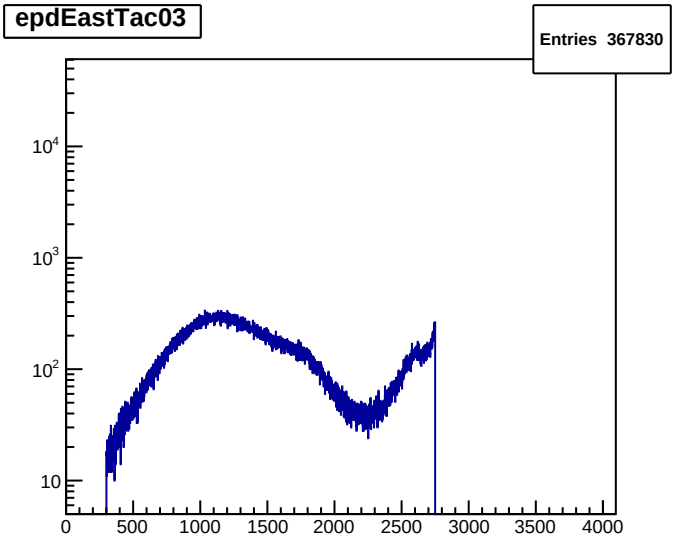

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

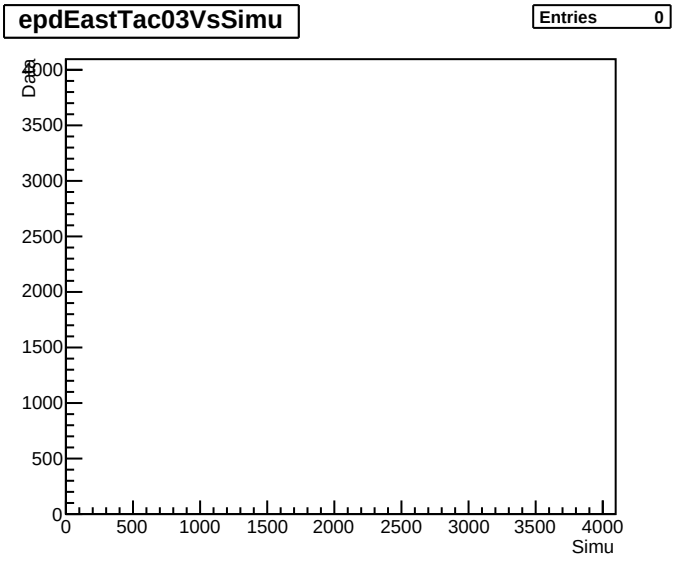

epdWestTacMax
Entries 2942640
TAC
DSM Input Channel

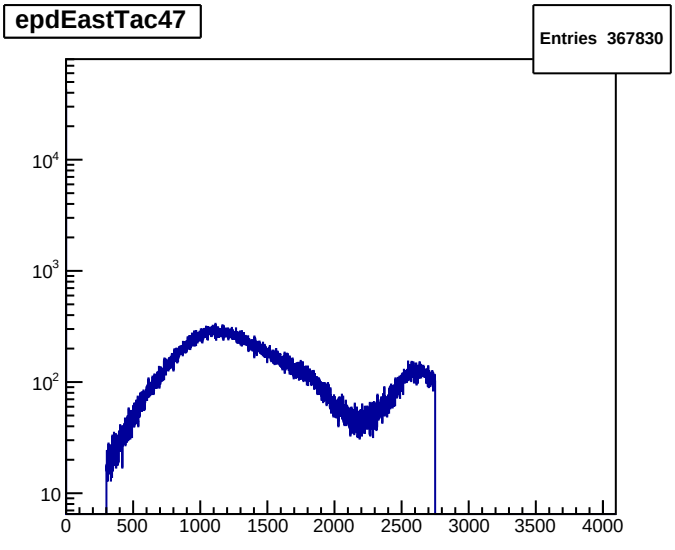

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

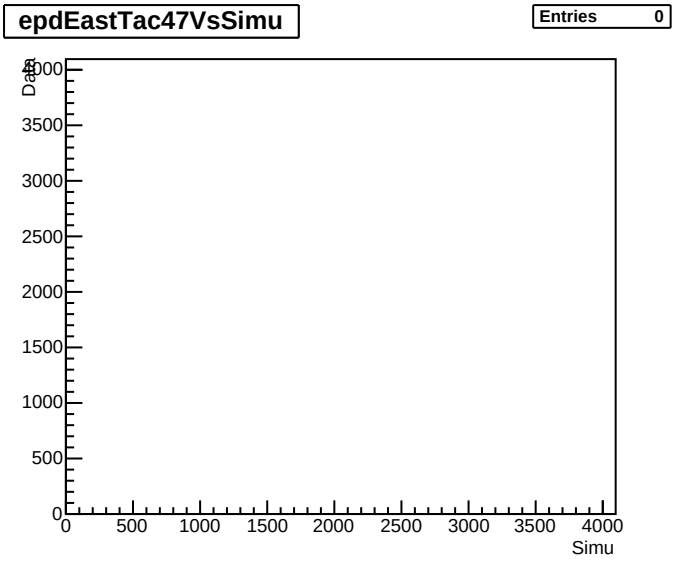

epdWestTHits
Entries 2942640
Truncated NHits
DSMInput Channel

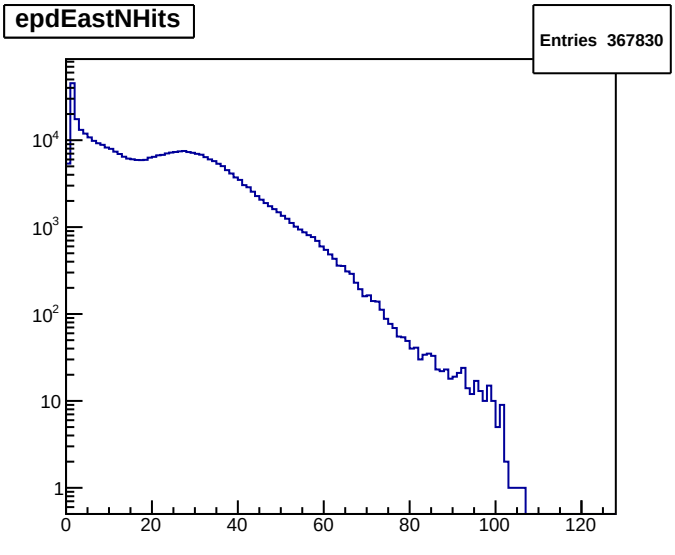

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

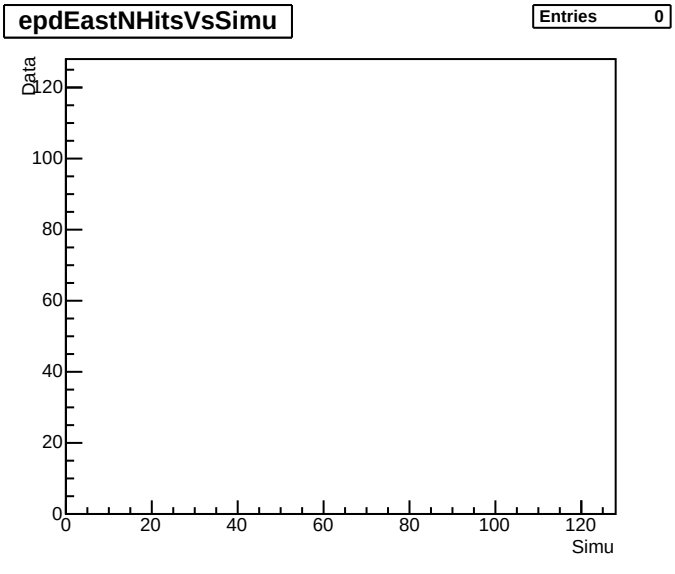

epdEastTac03
Entries 367830

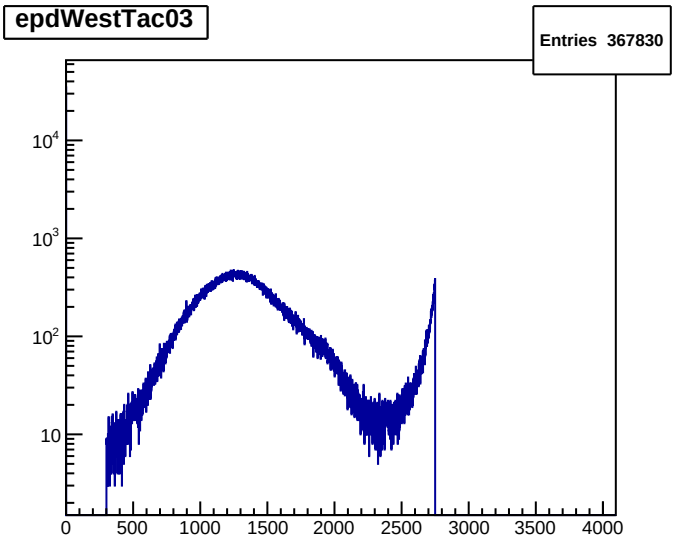

epdEastTac03VsSimu
Entries 0
Data
Simu

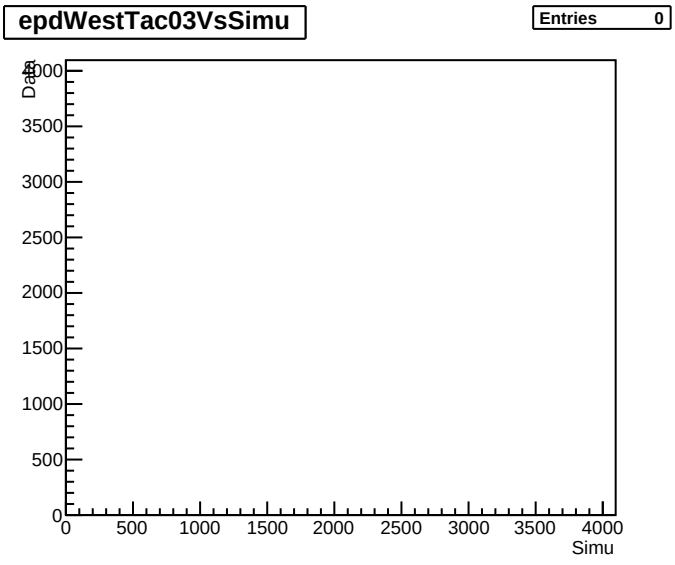

epdEastTac47
Entries 367830

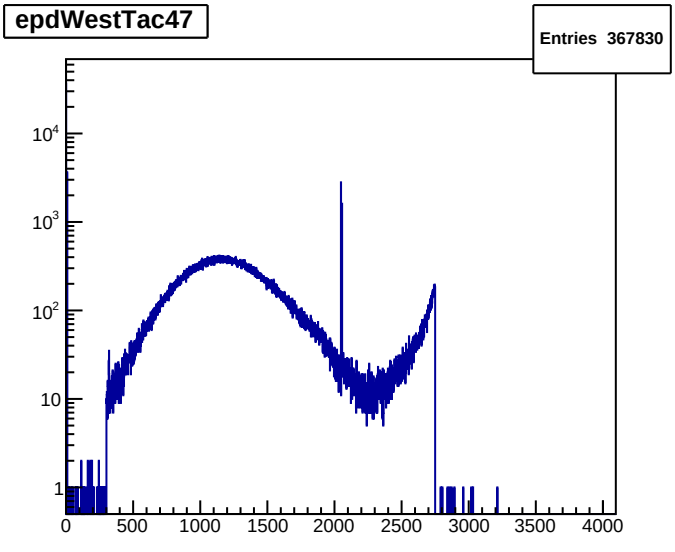

epdEastTac47VsSimu
Entries 0
Data
Simu

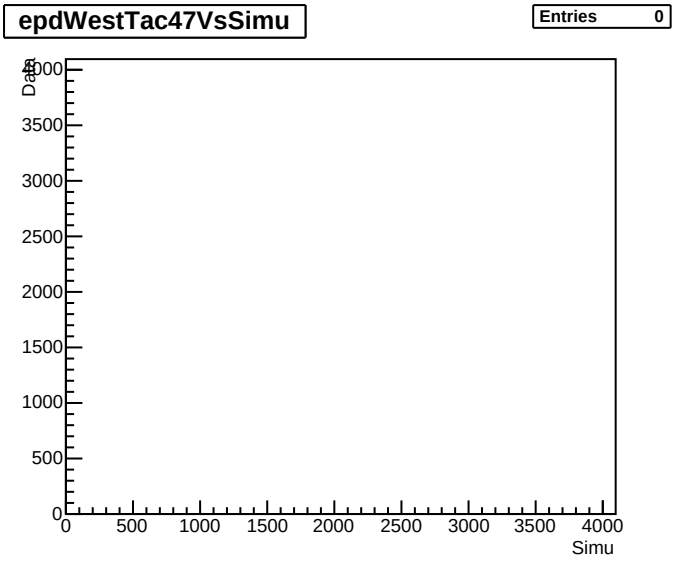

epdEastNHits
Entries 367830

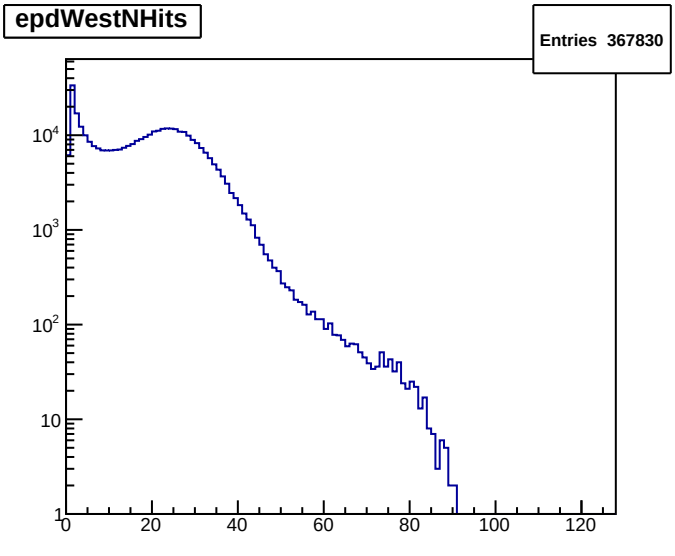

epdEastNHitsVsSimu
Entries 0
Data
Simu

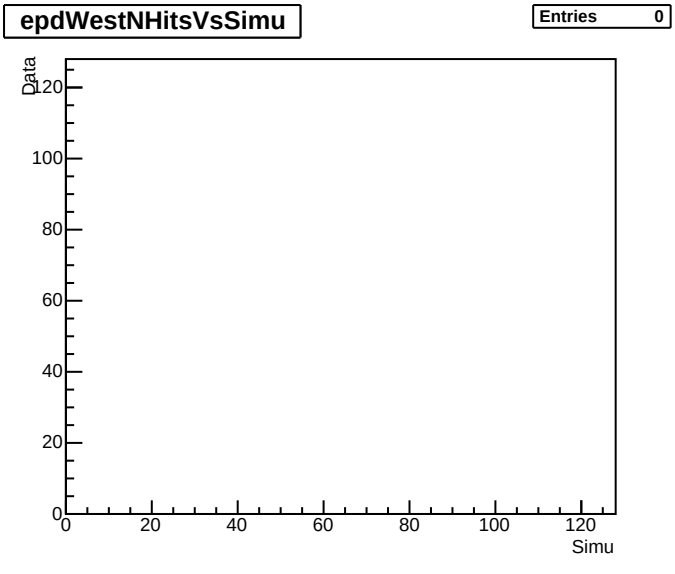

epdWestTac03
Entries 367830

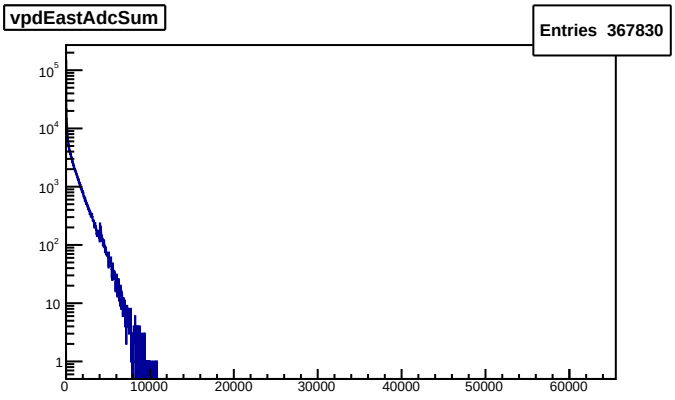

epdWestTac03VsSimu
Entries 0
Data
Simu

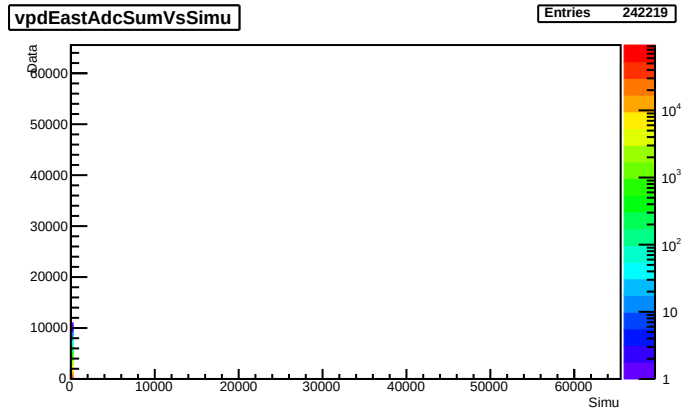

epdWestTac47
Entries 367830

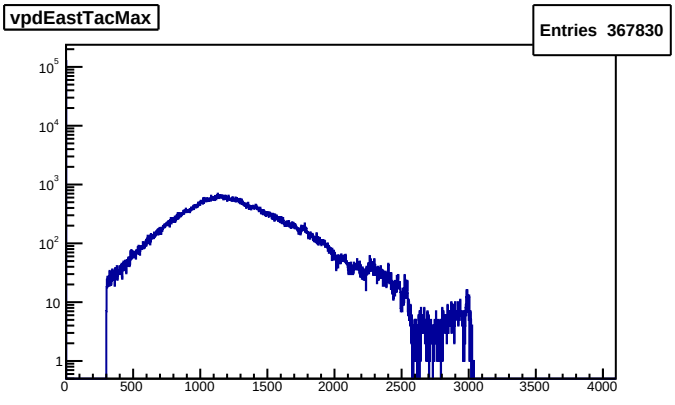

epdWestTac47VsSimu
Entries 0
Data
Simu

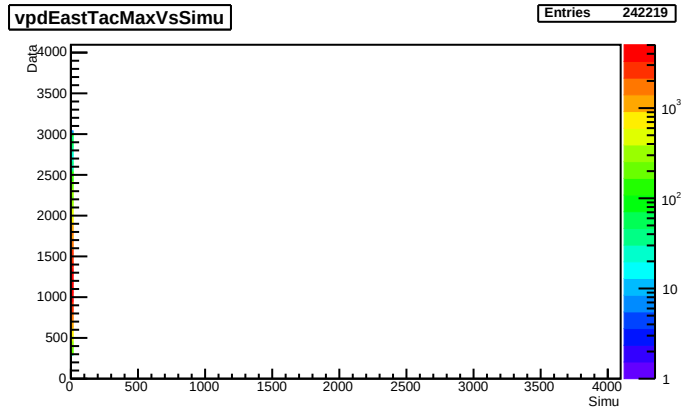

epdWestNHits
Entries 367830

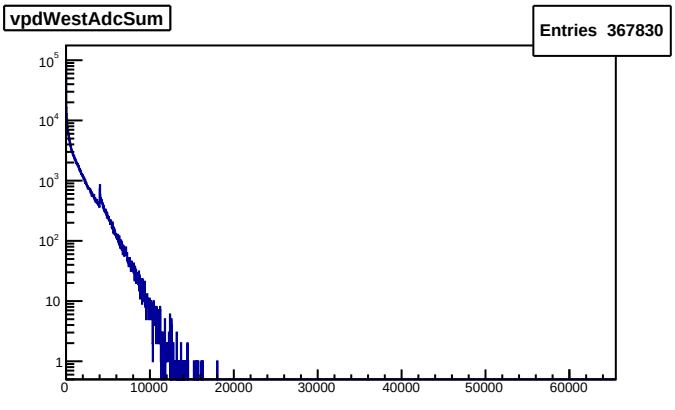

epdWestNHitsVsSimu
Entries 0
Data
Simu

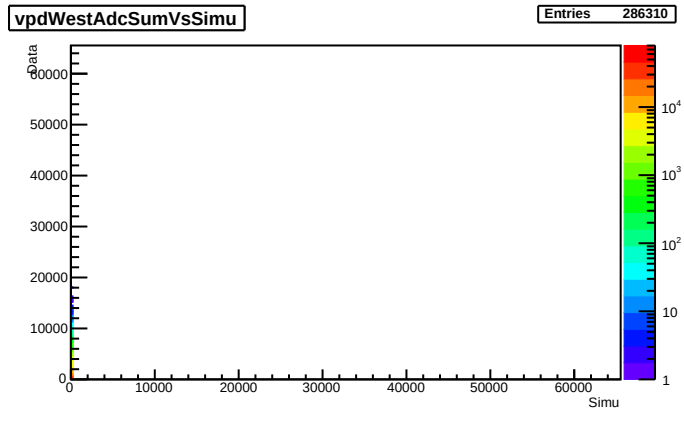

vpdEastAdcSum
Entries 367830

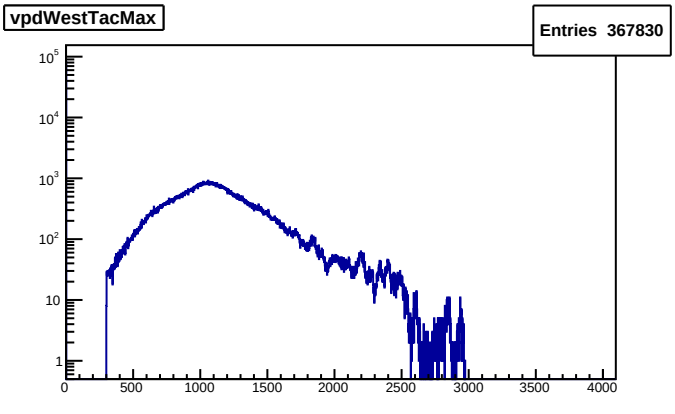

vpdEastAdcSumVsSimu
Entries 242219
Data
Simu

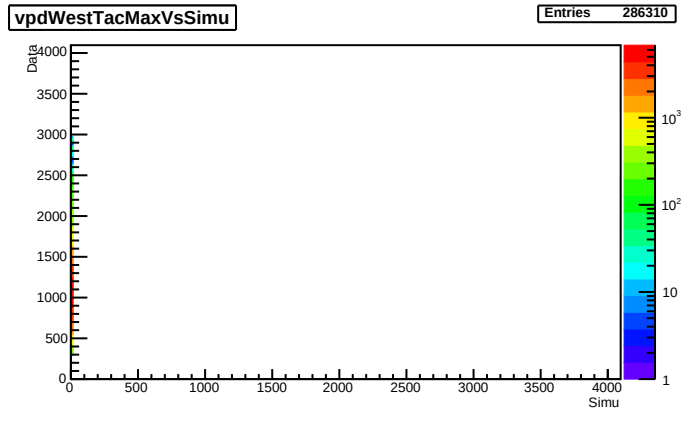

vpdEastTacMax
Entries 367830

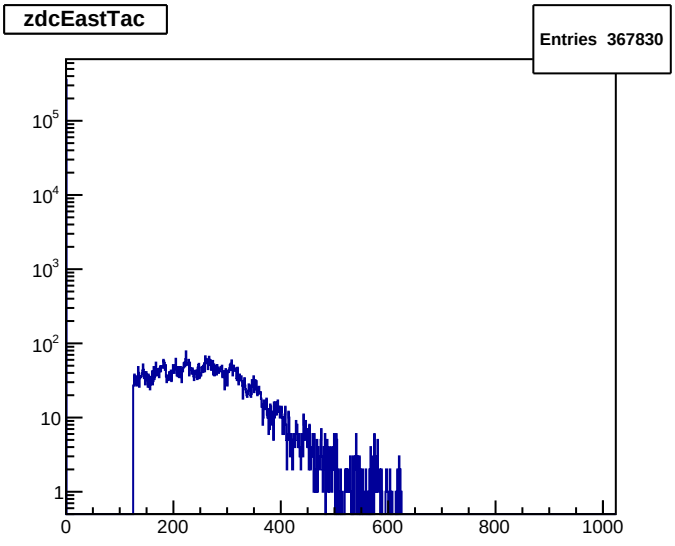

vpdEastTacMaxVsSimu
Entries 242219
Data
Simu

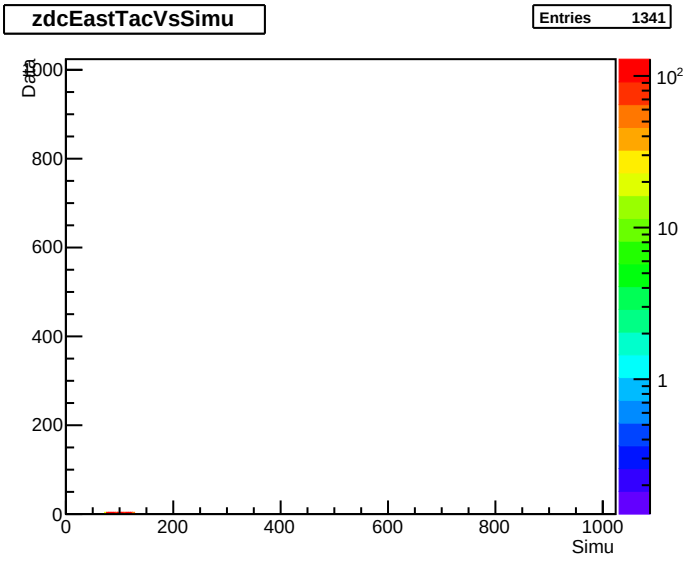

vpdWestAdcSum
Entries 367830

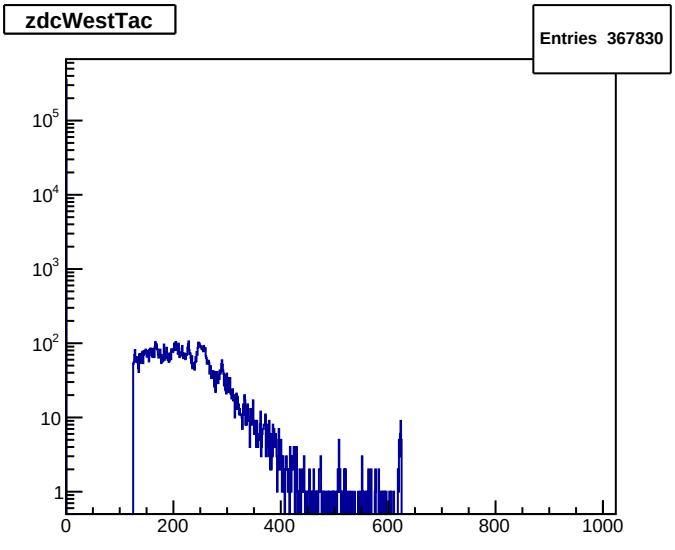

vpdWestAdcSumVsSimu
Entries 286310
Data
Simu

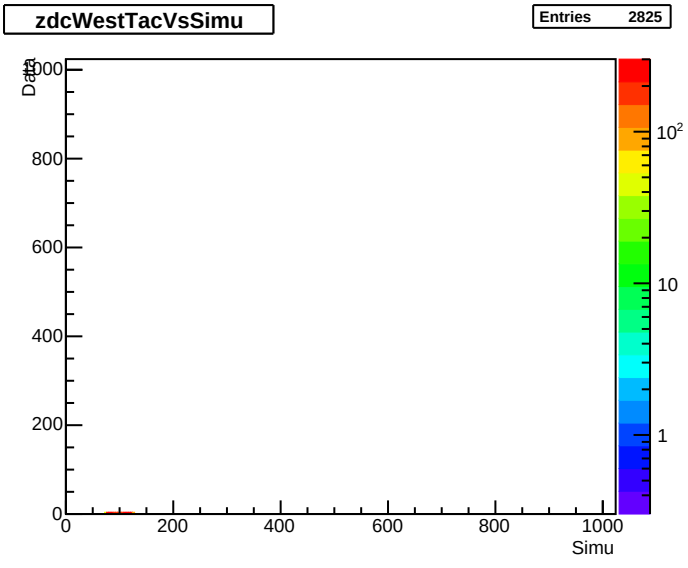

vpdWestTacMax
Entries 367830

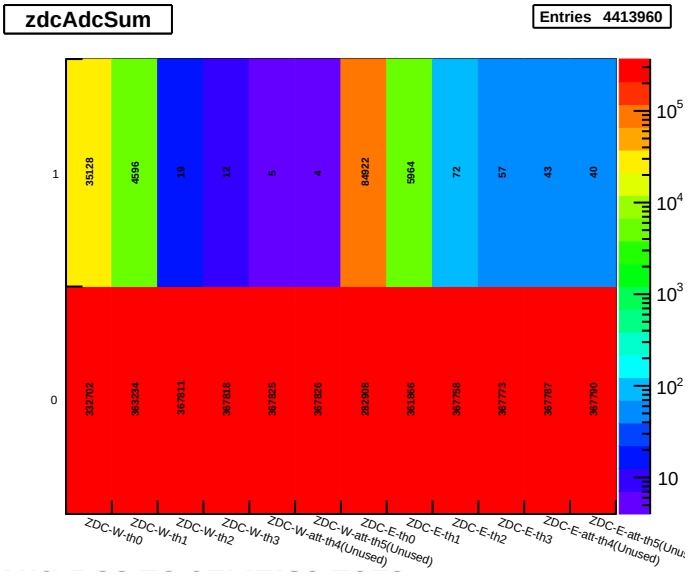

vpdWestTacMaxVsSimu
Entries 286310
Data
Simu

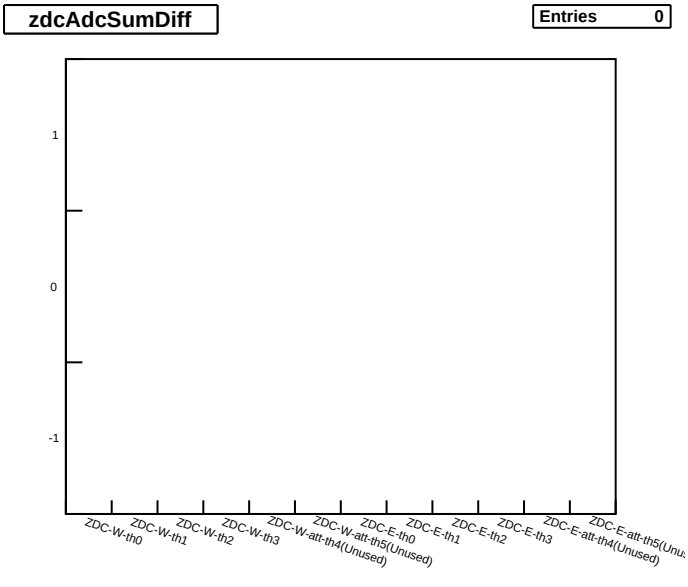

zdcEastTac
Entries 367830

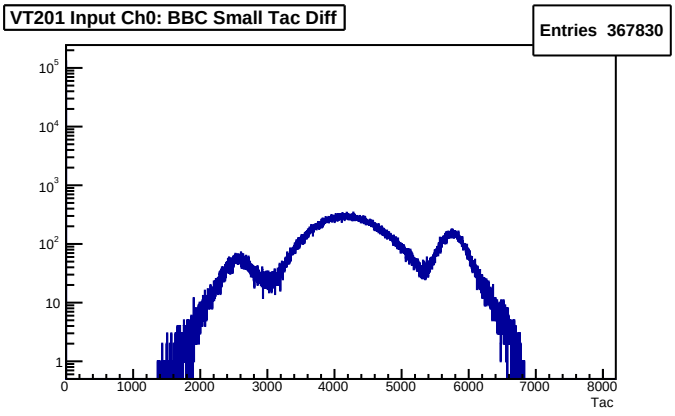

zdcEastTacVsSimu
Entries 1341
Data
Simu

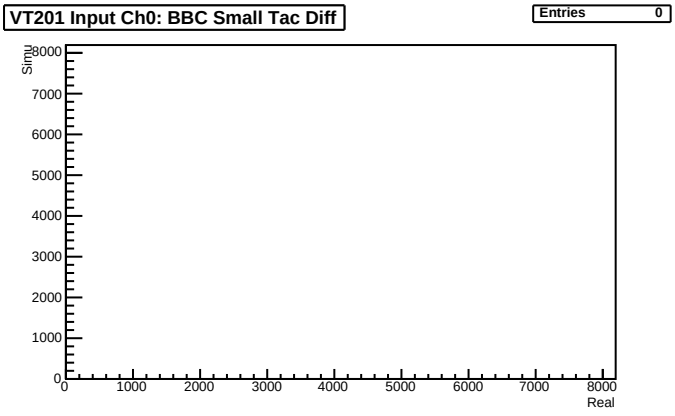

zdcWestTac
Entries 367830

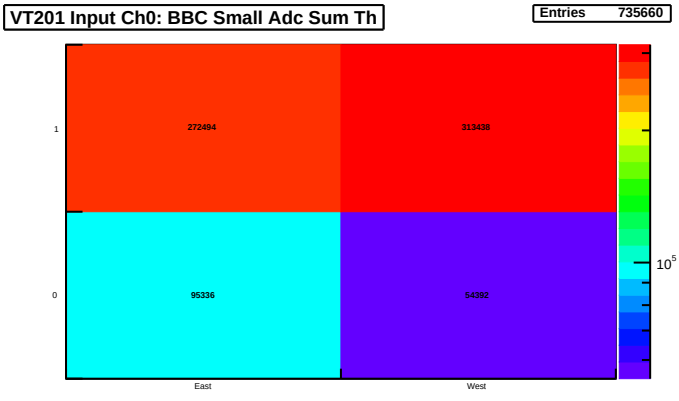

zdcWestTacVsSimu
Entries 2825
Data
Simu

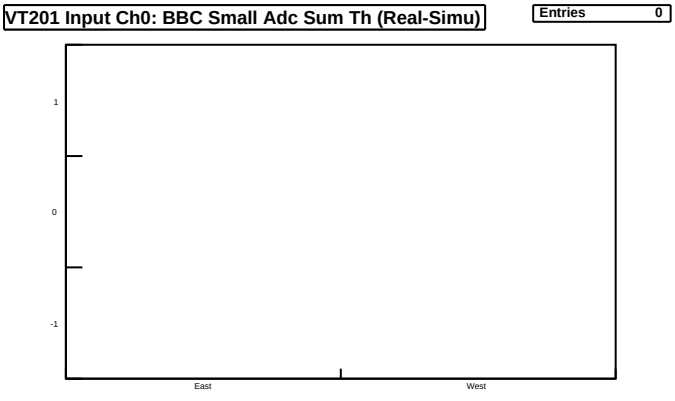

zdcAdcSum
Entries 4413960
35128
4596
19
12
5
4
84922
5964
72
57
43
40
332702
363234
367811
367818
367825
367826
282908
361866
367758
367773
367787
367790
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

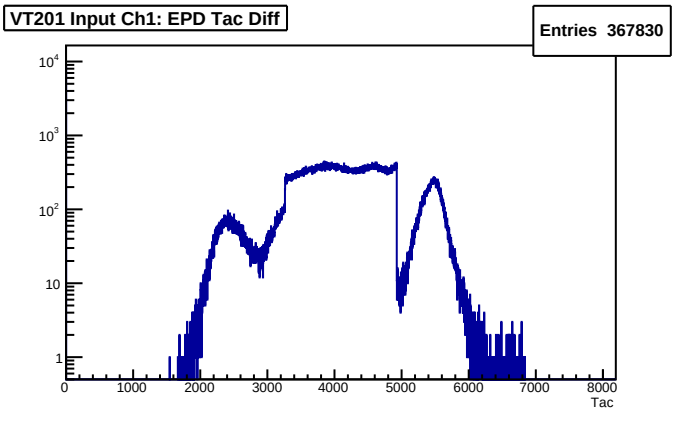

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

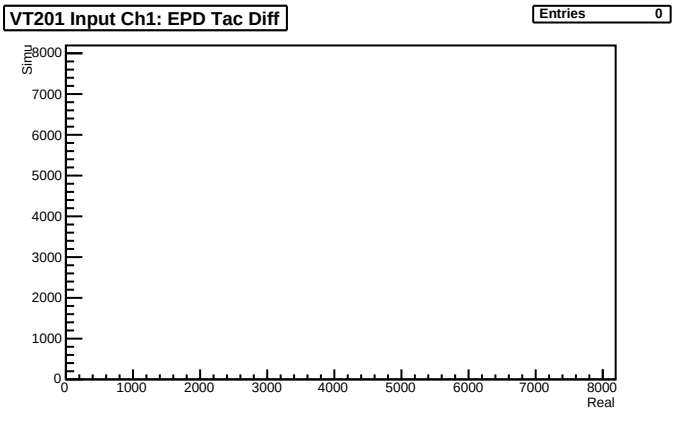

VT201 Input Ch0: BBC Small Tac Diff
Entries 367830
Tac

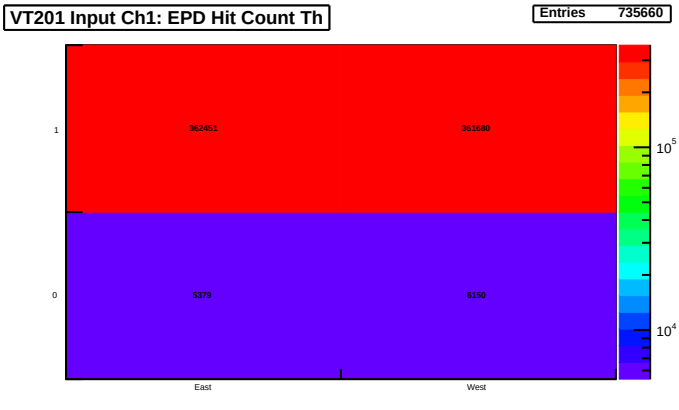

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

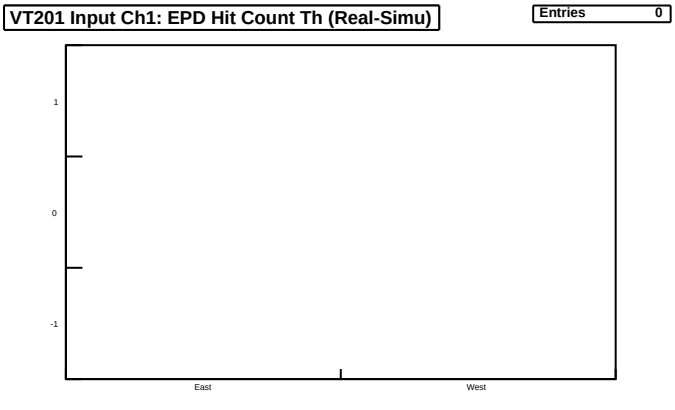

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 735660
272494
313438
95336
54392
East
West

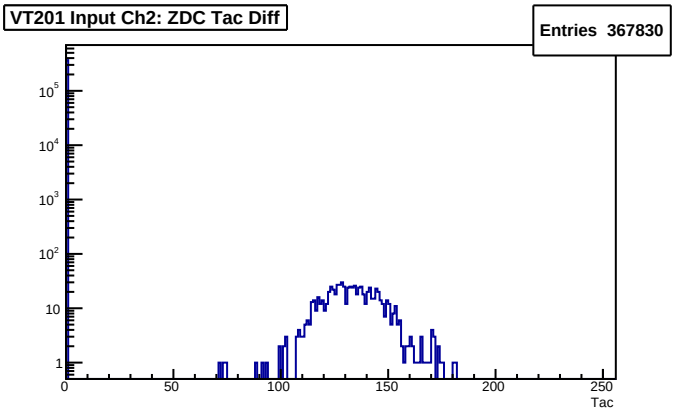

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

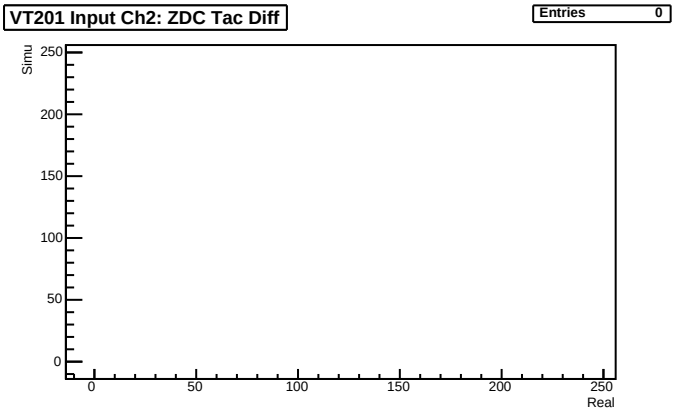

VT201 Input Ch1: EPD Tac Diff
Entries 367830
Tac

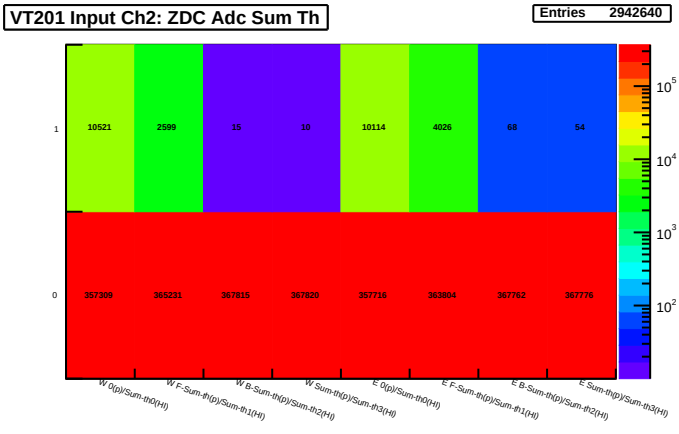

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

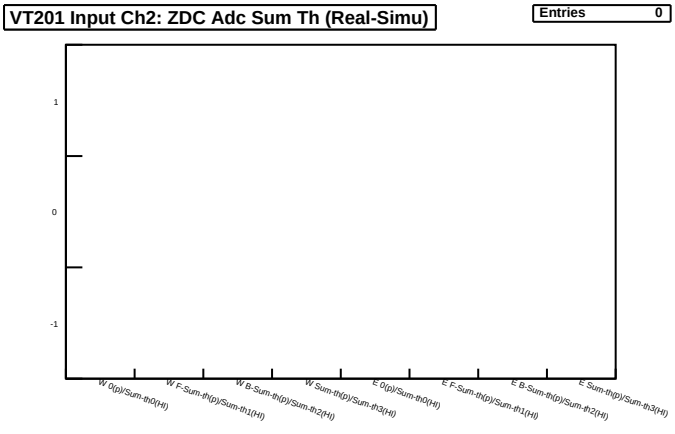

VT201 Input Ch1: EPD Hit Count Th
Entries 735660
362451
361680
5379
6150
East
West

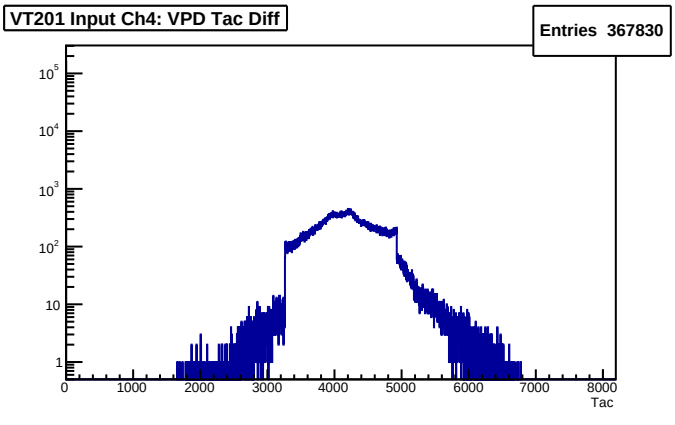

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

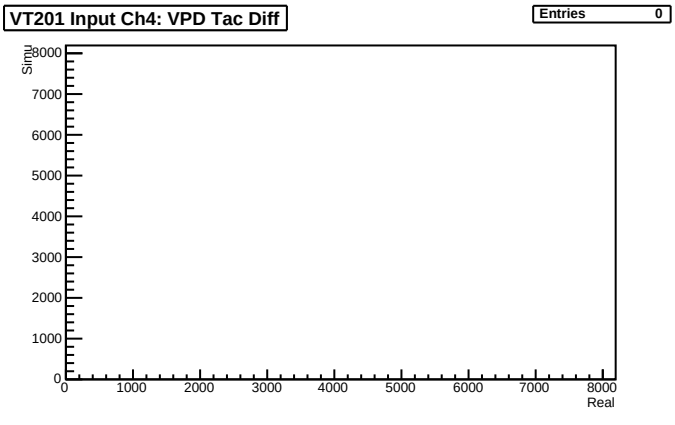

VT201 Input Ch2: ZDC Tac Diff
Entries 367830
Tac

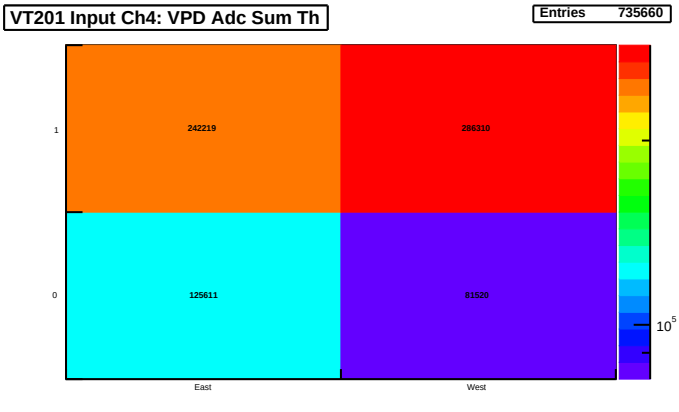

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

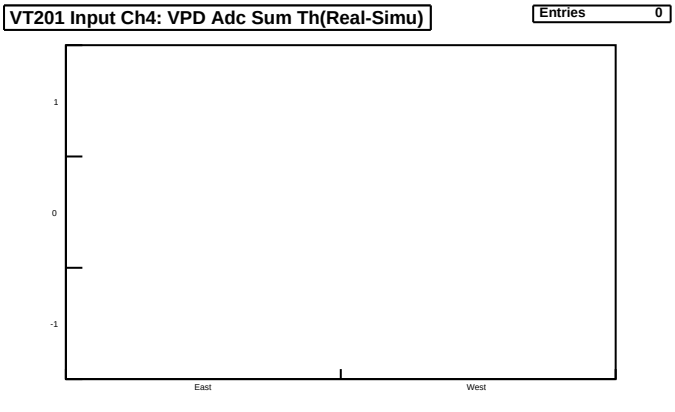

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2942640
10521
2599
15
10
10114
4026
68
54
357309
365231
367815
367820
357716
363804
367762
367776
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

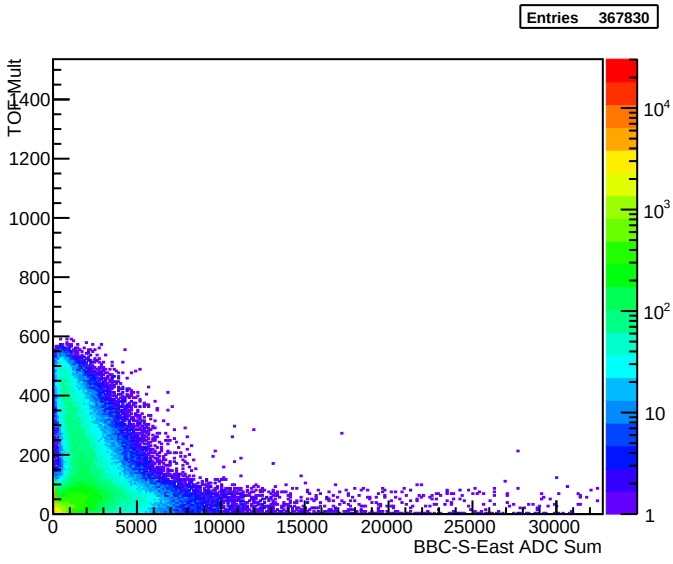

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

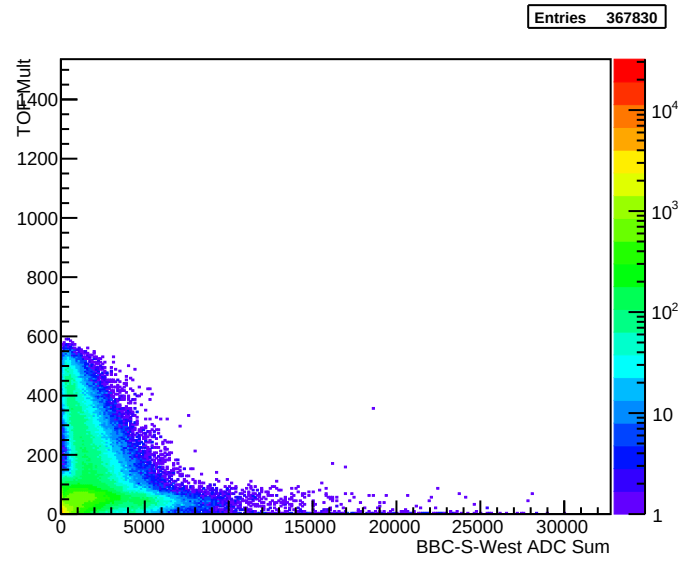

VT201 Input Ch4: VPD Tac Diff
Entries 367830
Tac

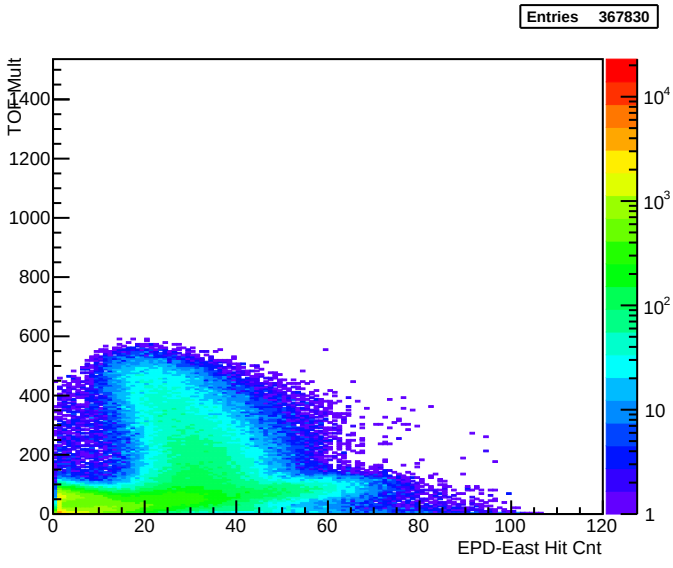

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

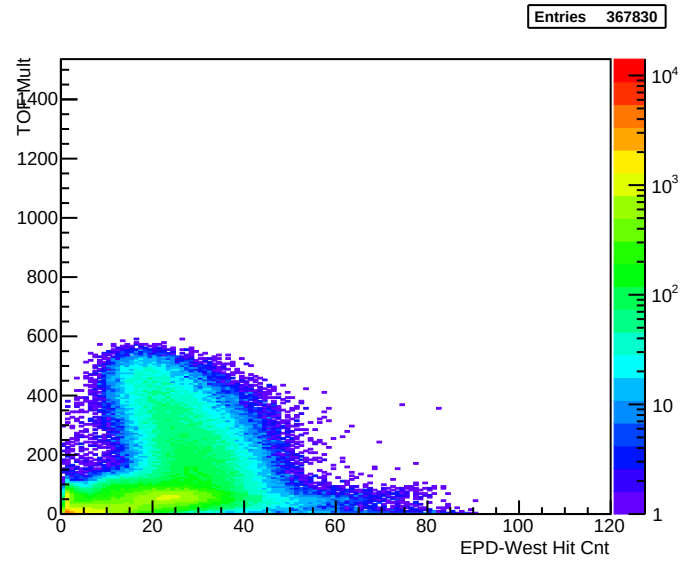

VT201 Input Ch4: VPD Adc Sum Th
Entries 735660
242219
286310
125611
81520
East
West

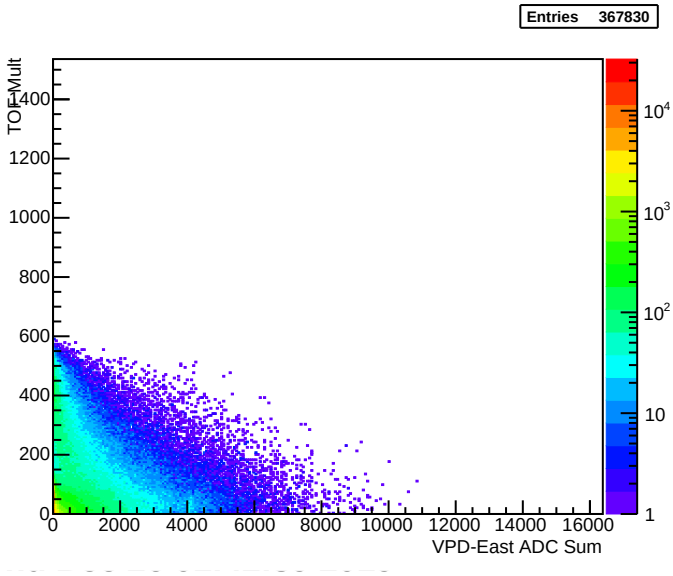

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

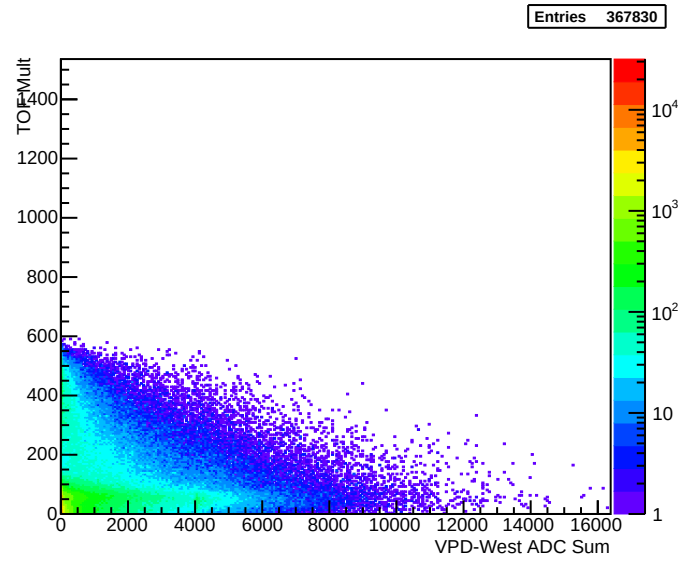

Entries 367830
TOF-Mult
BBC-S-East ADC Sum

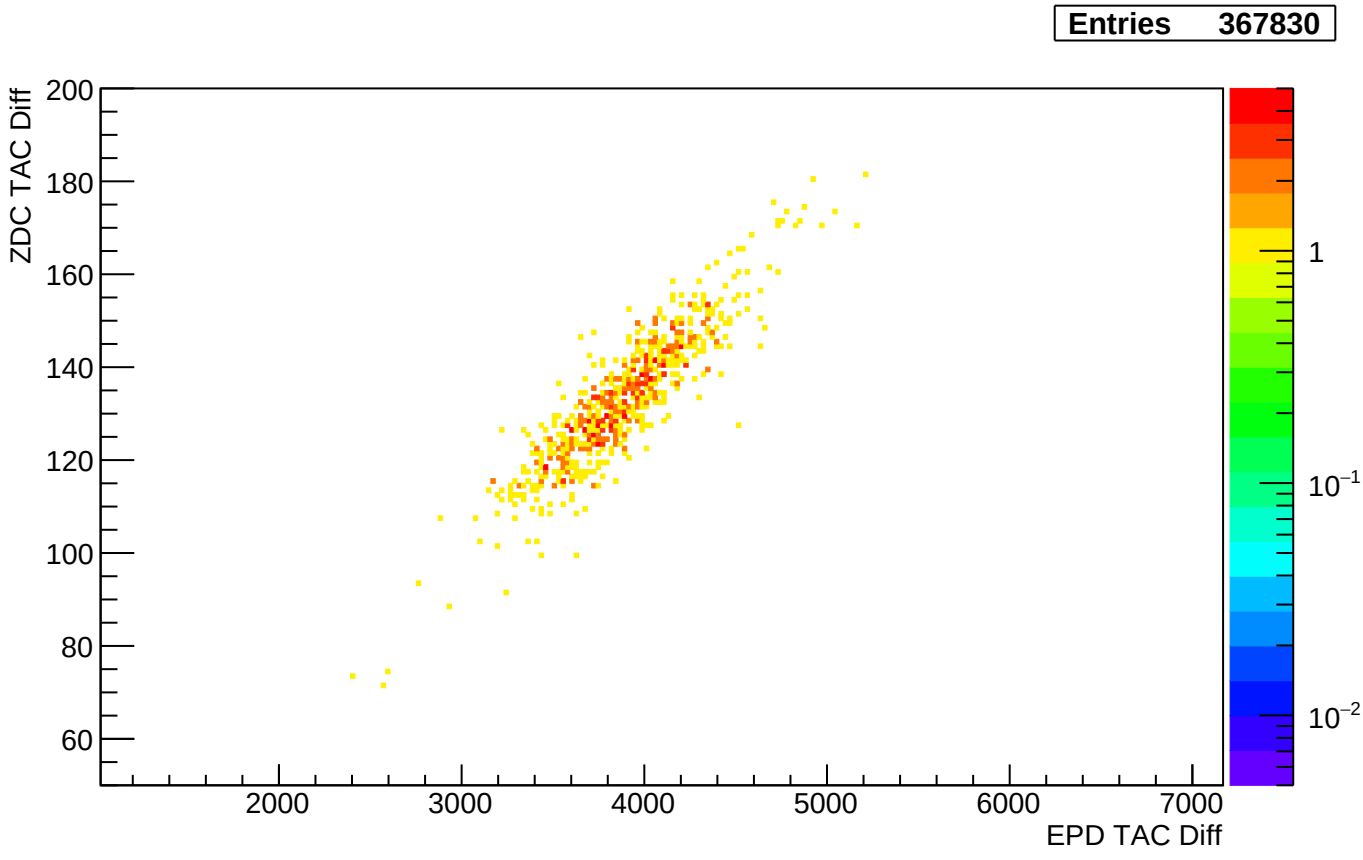

Entries 367830
TOF-Mult
BBC-S-West ADC Sum

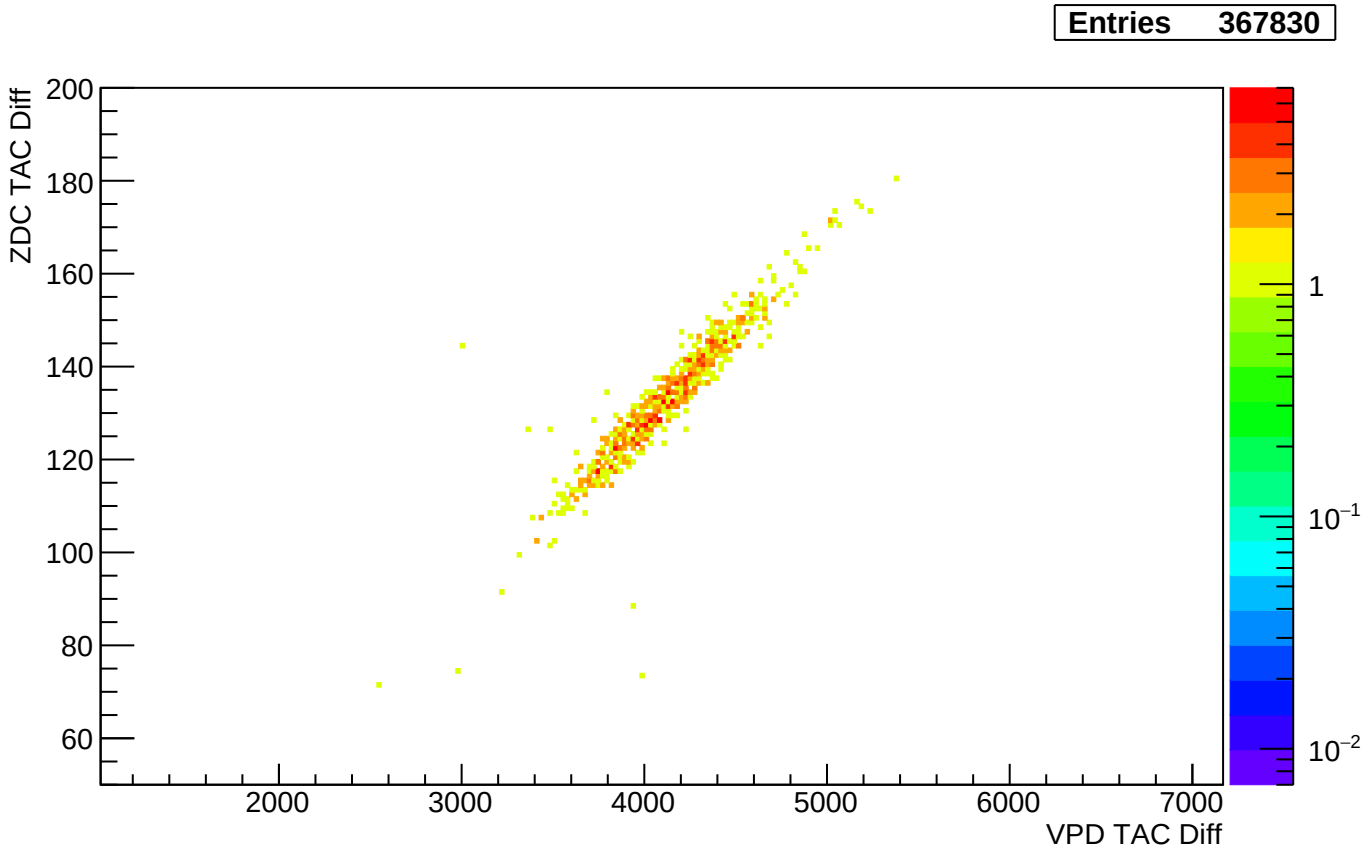

Entries 367830
TOF-Mult
EPD-East Hit Cnt

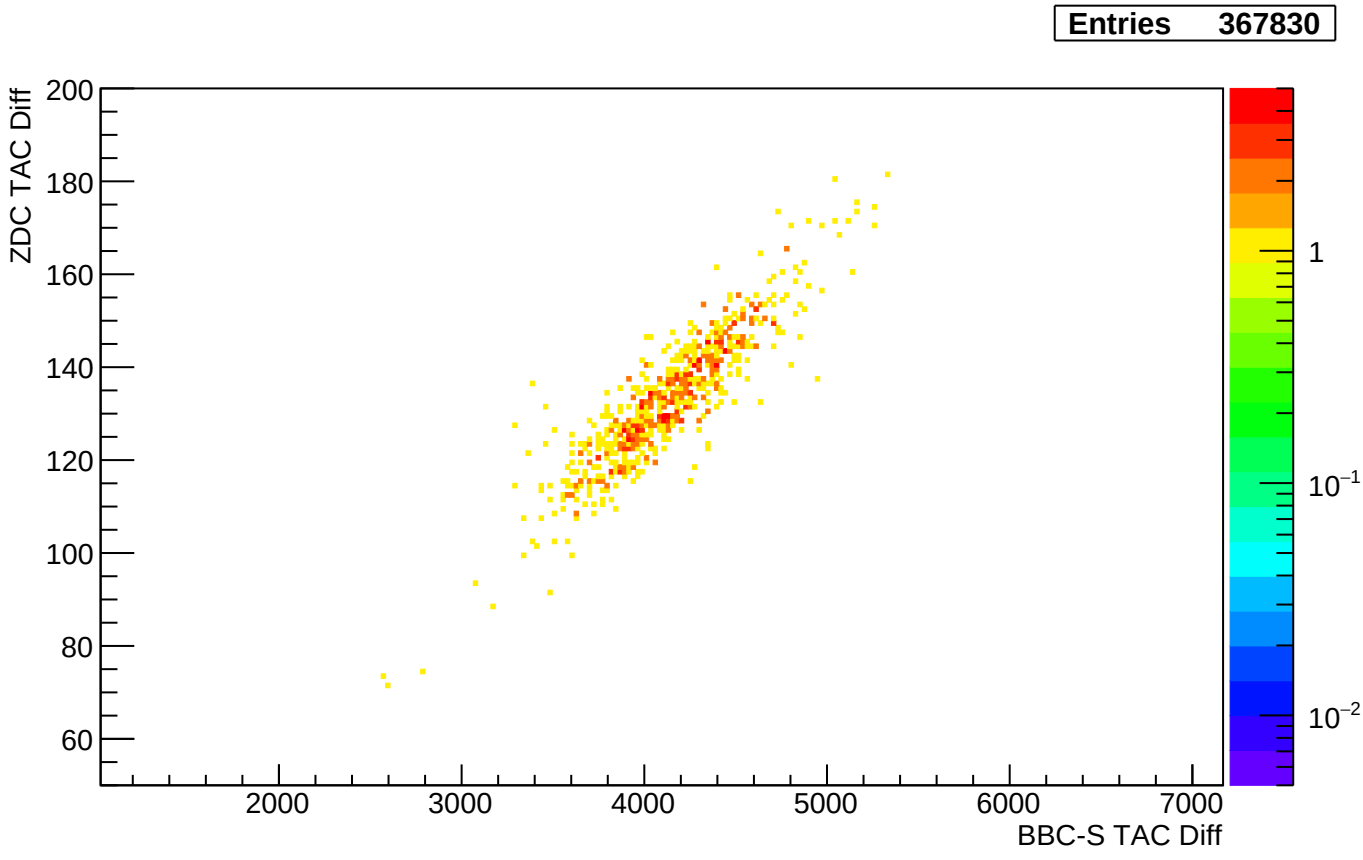

Entries 367830
TOF-Mult
EPD-West Hit Cnt

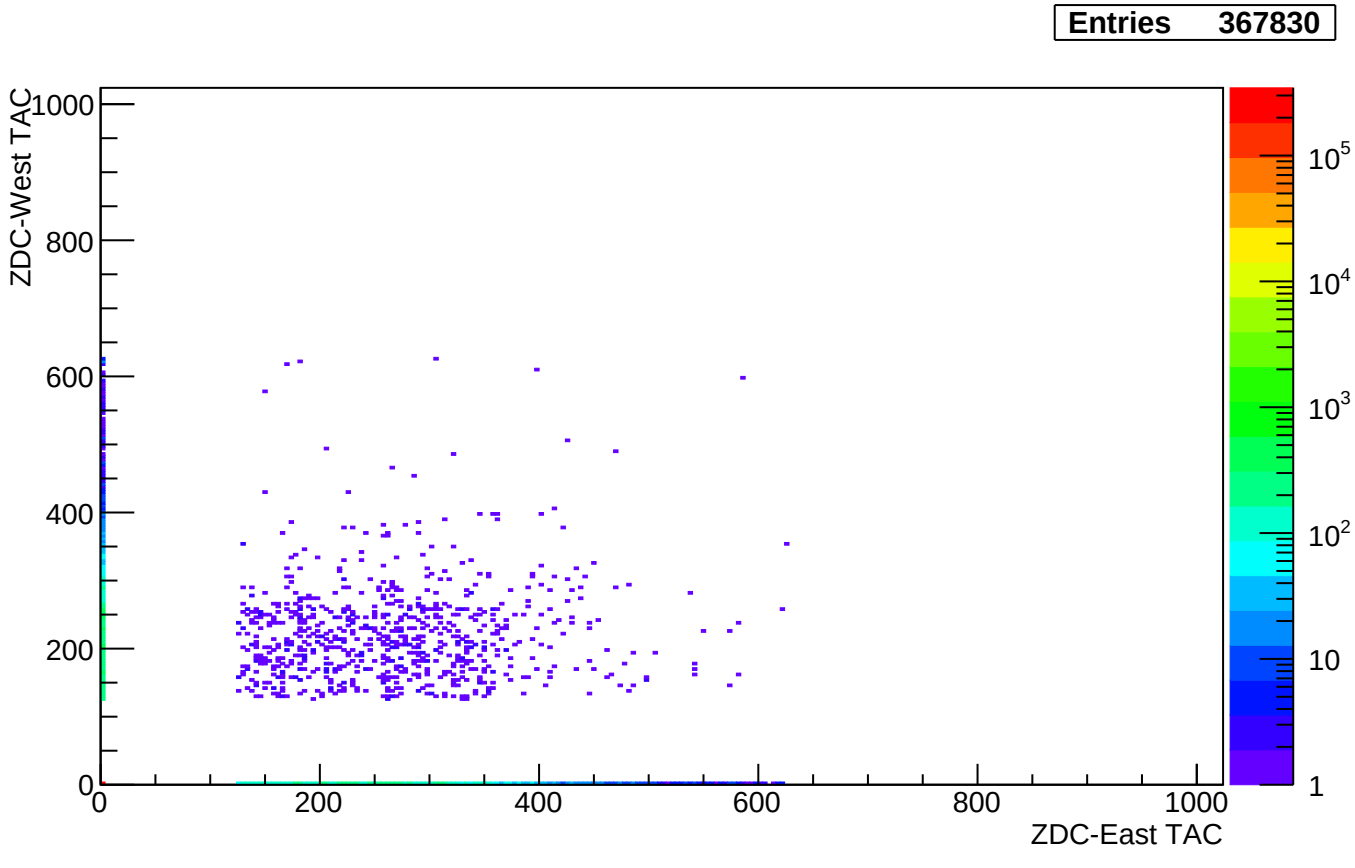

Entries 367830
TOF-Mult
VPD-East ADC Sum

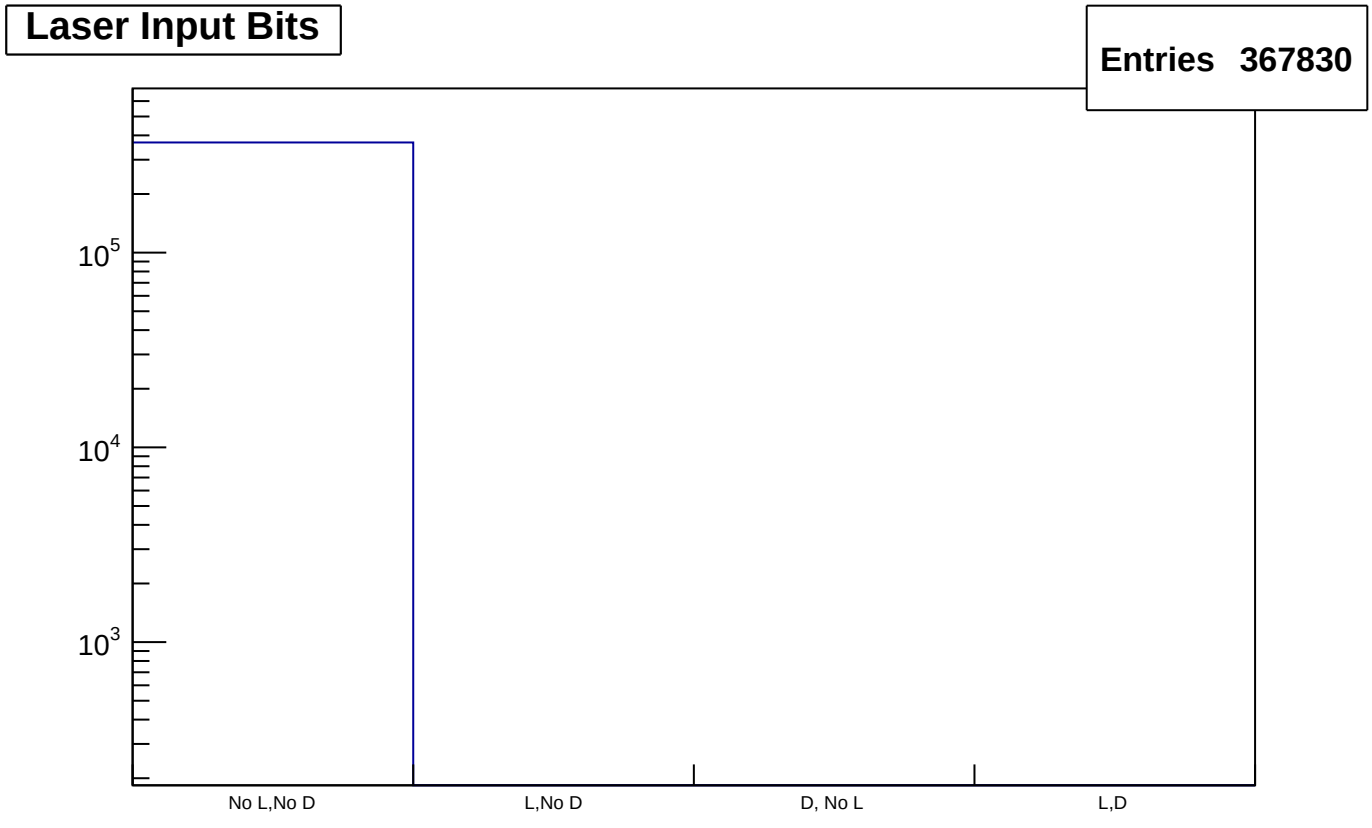

Entries 367830
TOF-Mult
VPD-West ADC Sum

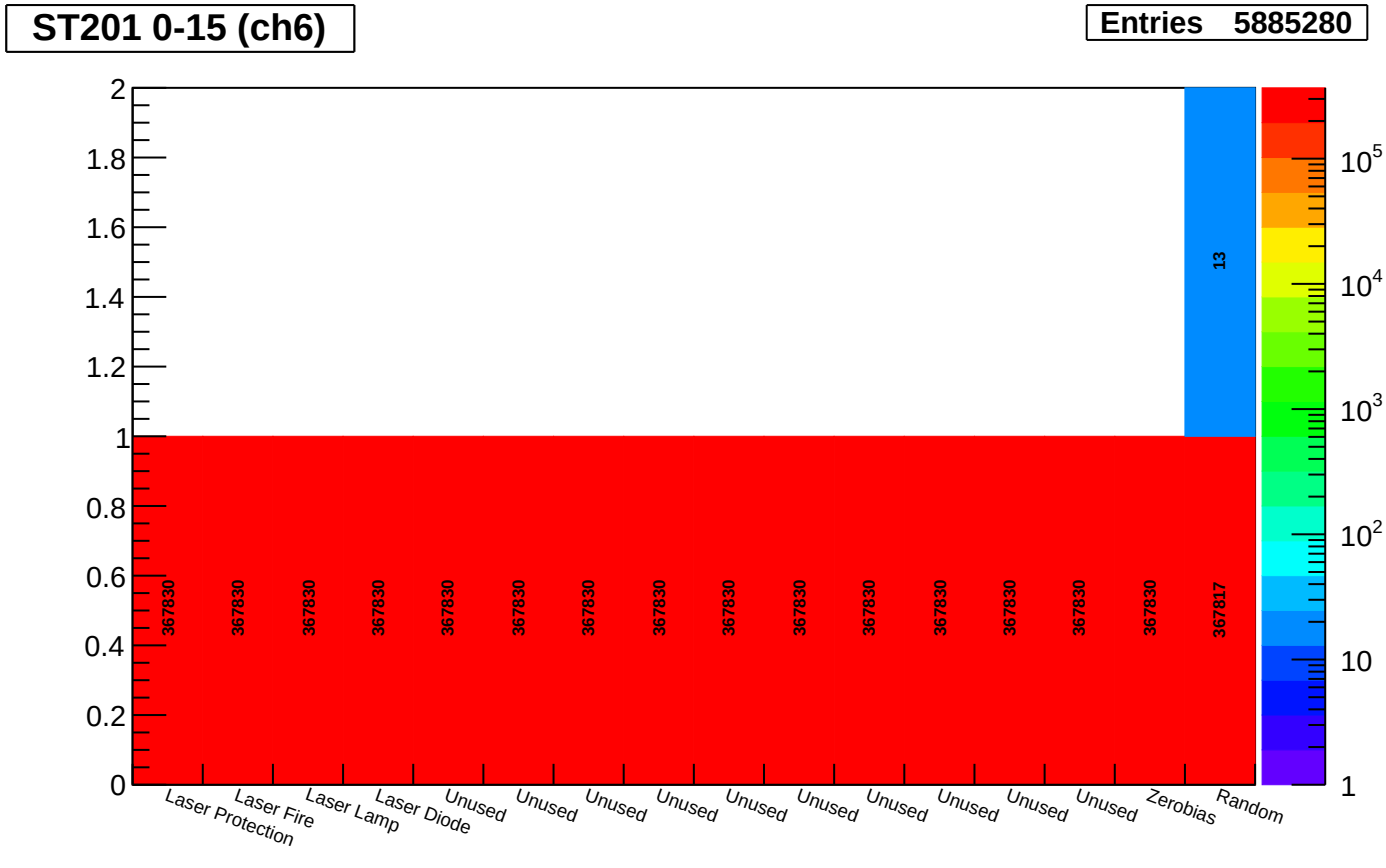

Entries 367830
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

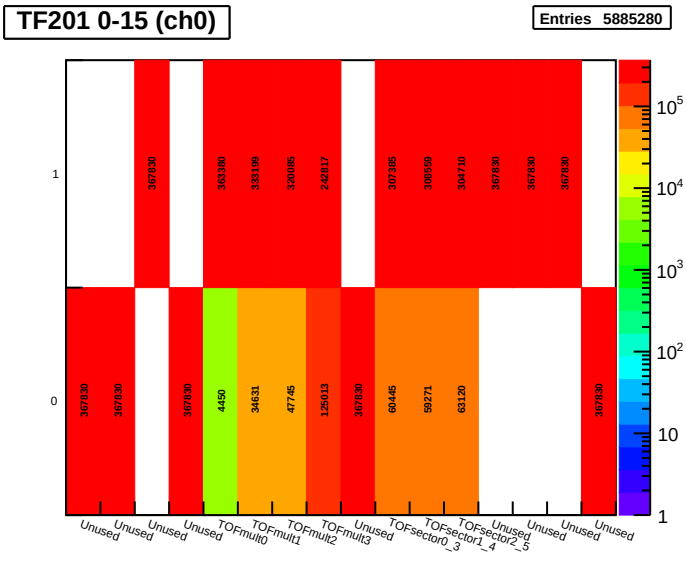

Entries 367830
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

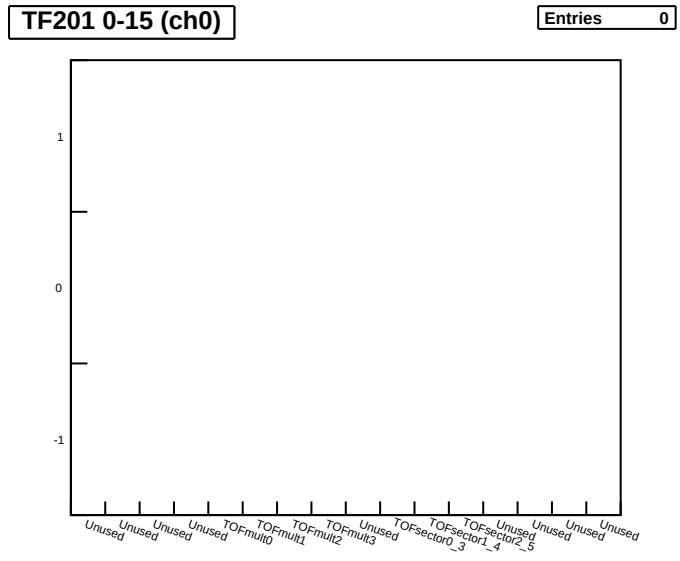

Entries 367830
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

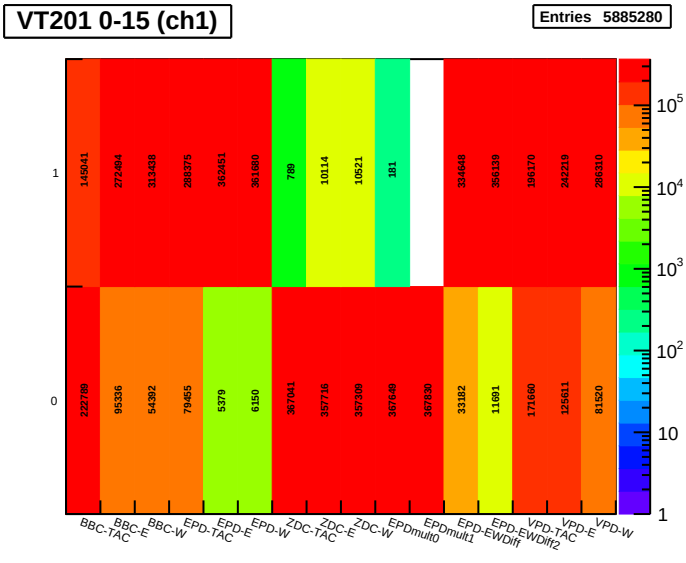

Entries 367830
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

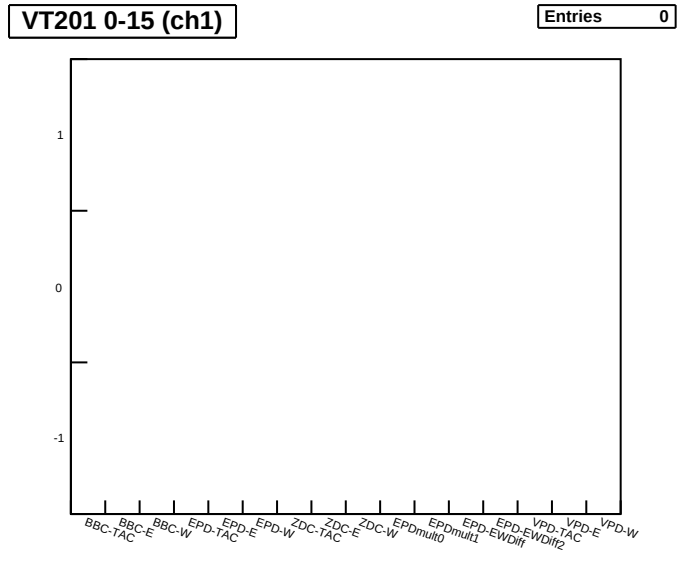

Laser Input Bits
Entries 367830
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

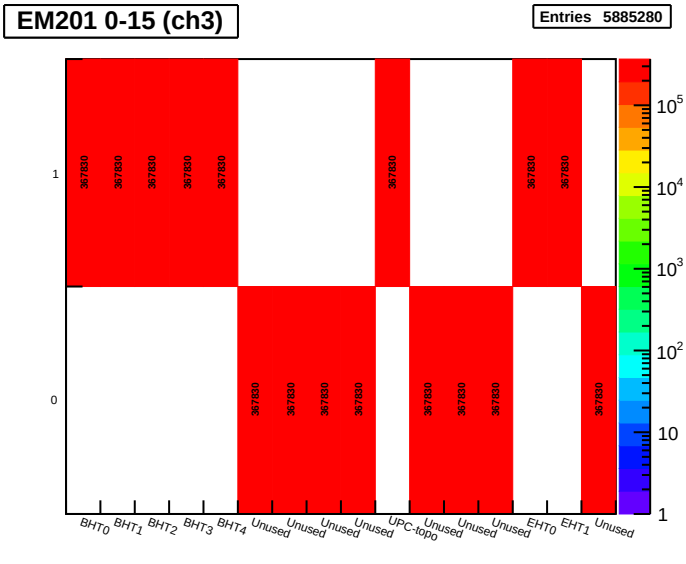

ST201 0-15 (ch6)
Entries 5885280
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
367830
367817
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

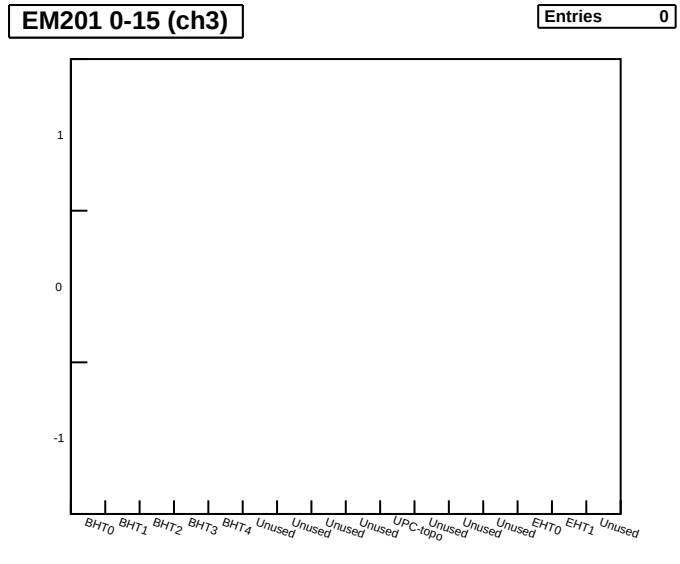

TF201 0-15 (ch0)
Entries 5885280
1
0
367830
363380
333199
320085
242817
307385
308559
304710
367830
367830
367830
367830
367830
367830
4450
34631
47745
125013
367830
60445
59271
63120
367830
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5885280
1
0
145041
272494
313438
288375
362451
361680
789
10114
10521
181
334648
356139
196170
242219
286310
222789
95336
54392
79455
5379
6150
367041
357716
357309
367649
367830
33182
11691
171660
125611
81520
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 5885280
1
0
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
367830
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