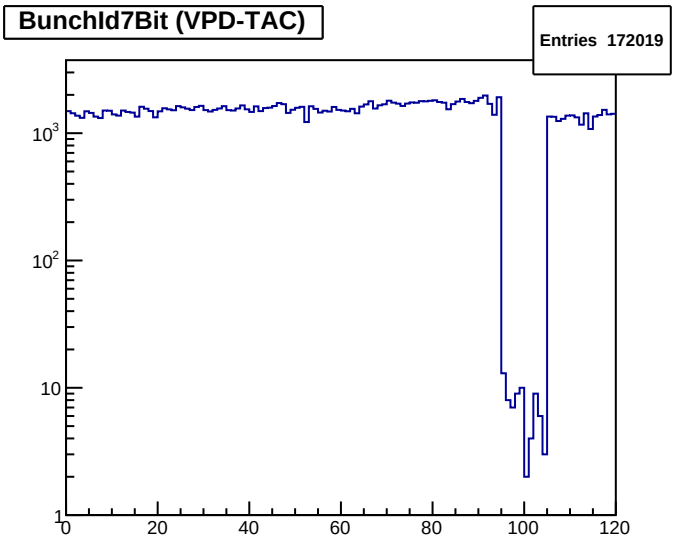
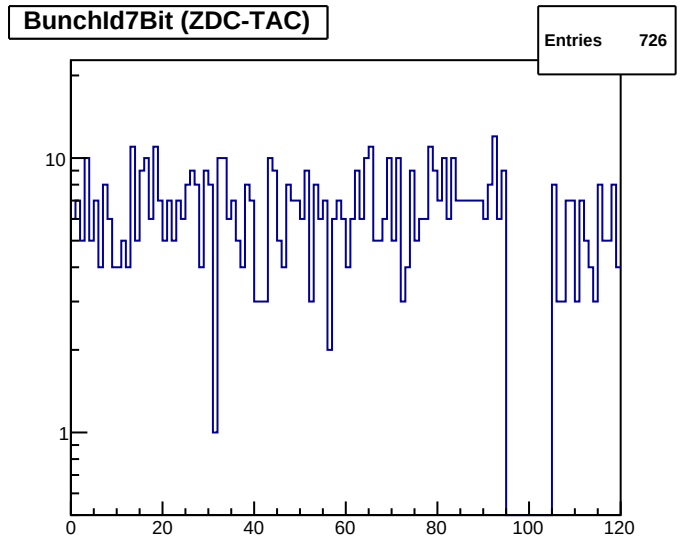
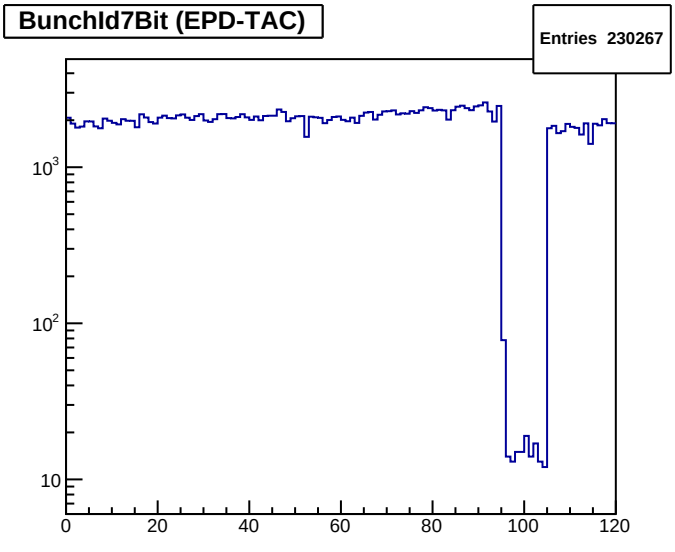
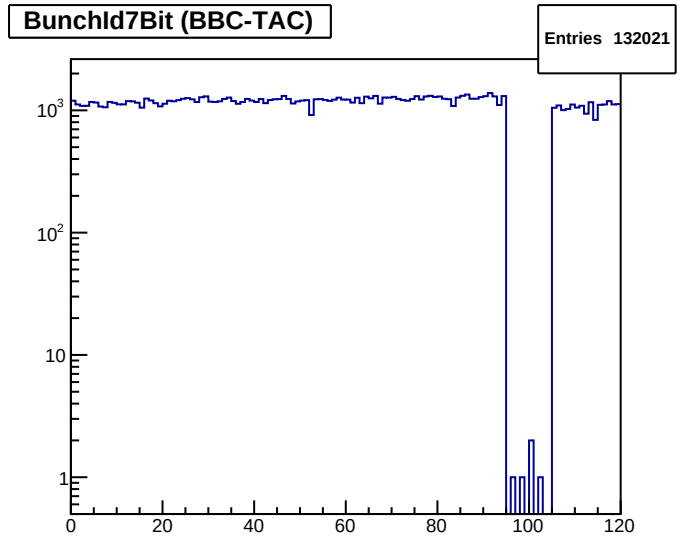
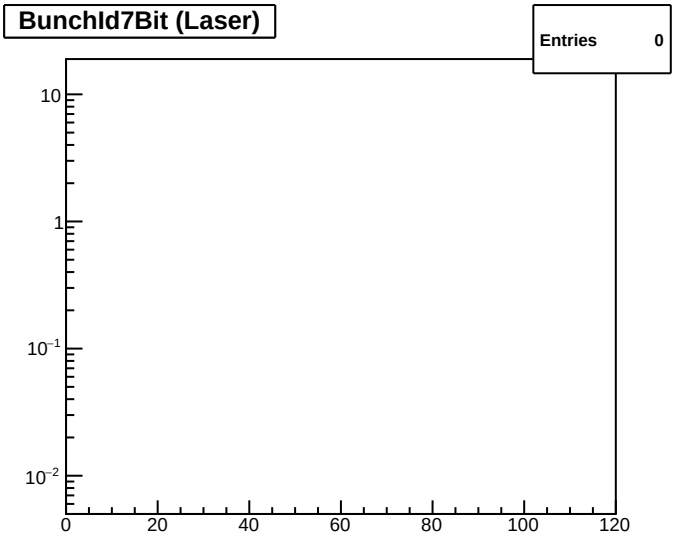
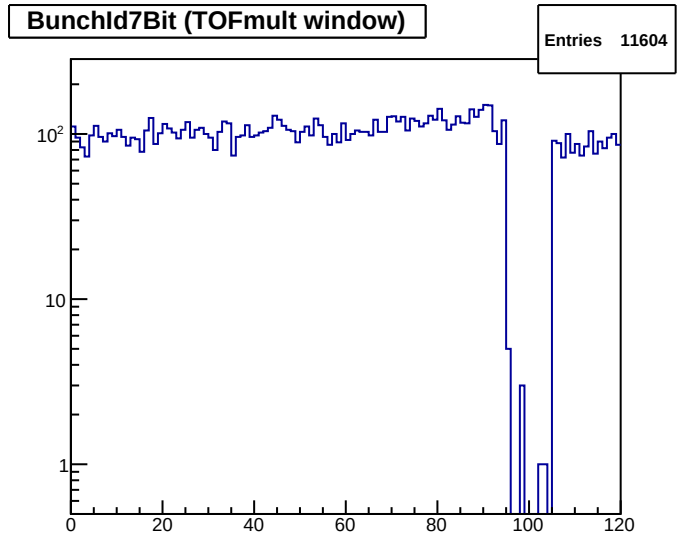

BunchId7Bit (VPD-TAC)
Entries 172019

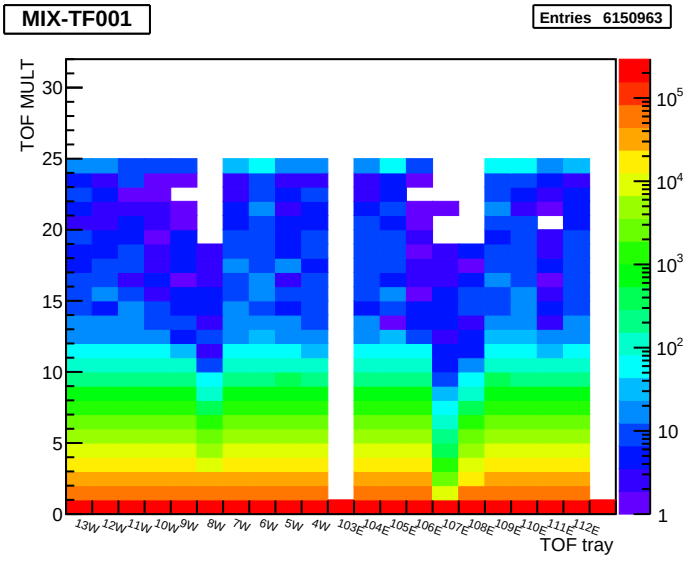

BunchId7Bit (ZDC-TAC)
Entries 726

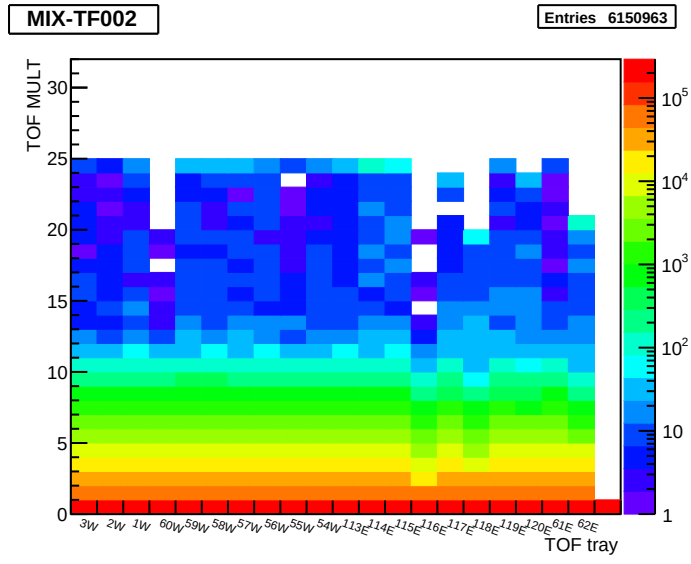

BunchId7Bit (EPD-TAC)
Entries 230267

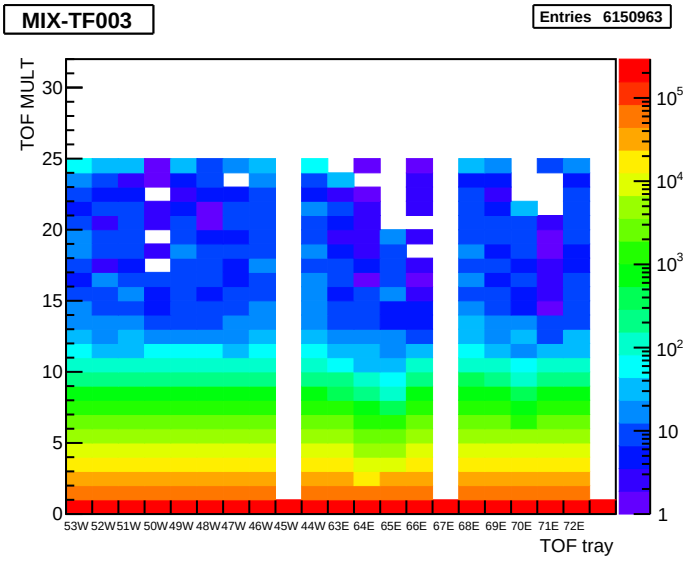

BunchId7Bit (BBC-TAC)
Entries 132021

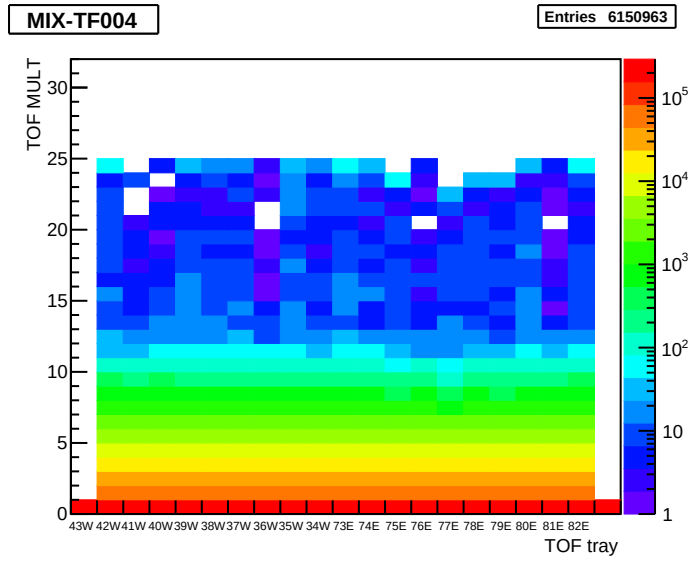

BunchId7Bit (Laser)
Entries 0

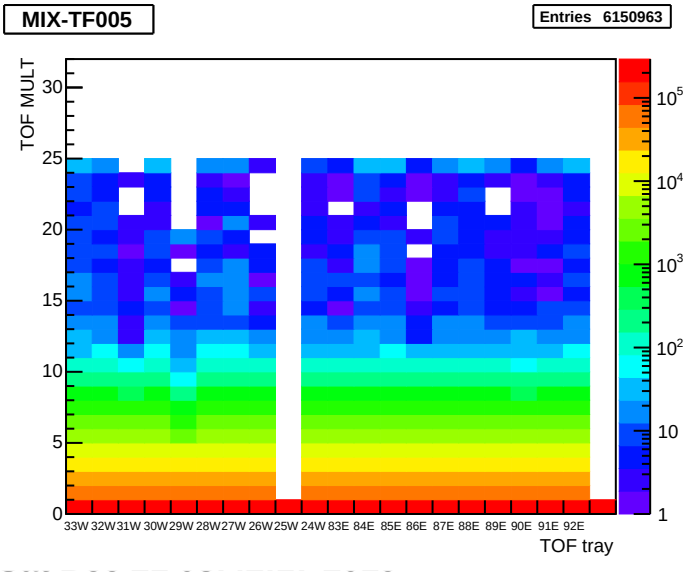

BunchId7Bit (TOFmult window)
Entries 11604

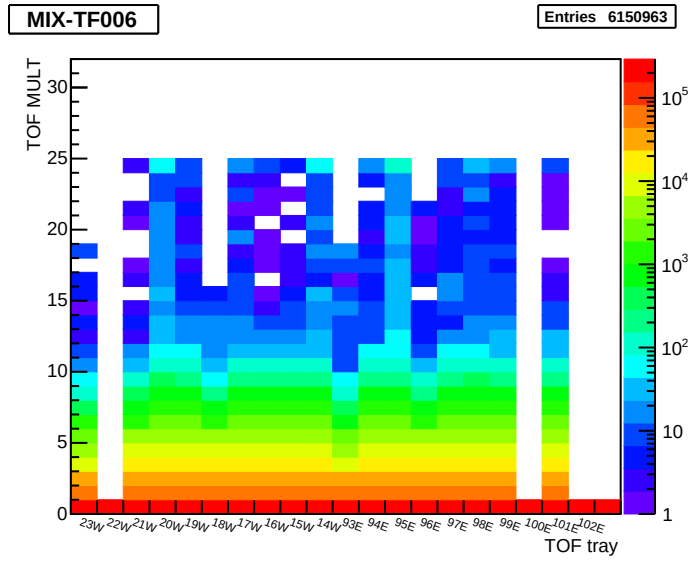

MIX-TF001
Entries 6150963
TOF MULT
TOF tray

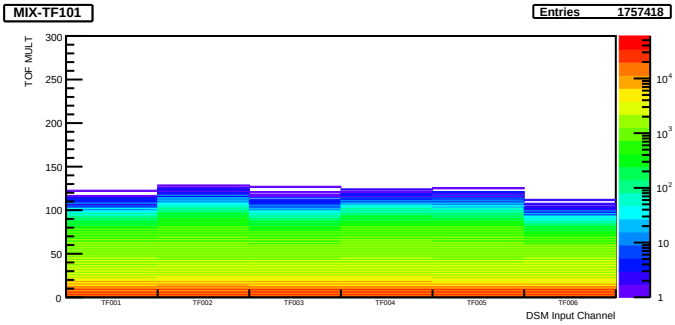

MIX-TF002
Entries 6150963
TOF MULT
TOF tray

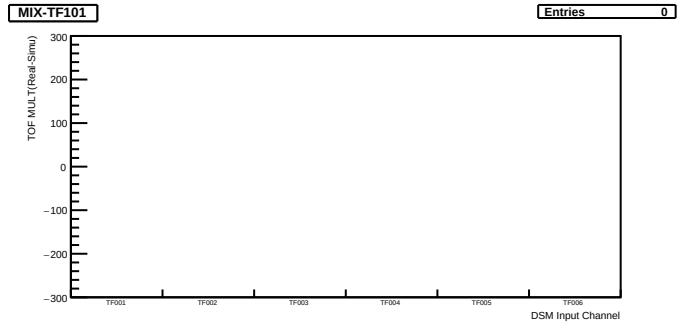

MIX-TF003
Entries 6150963
TOF MULT
TOF tray

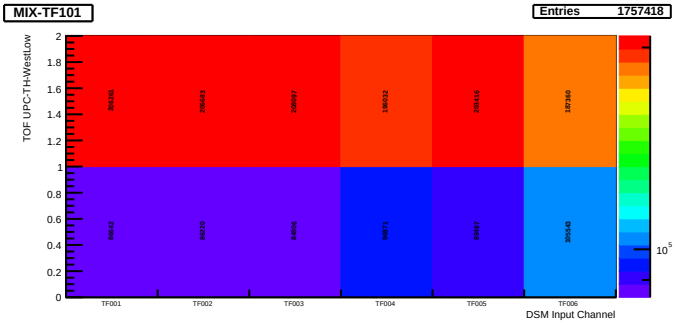

MIX-TF004
Entries 6150963
TOF MULT
TOF tray

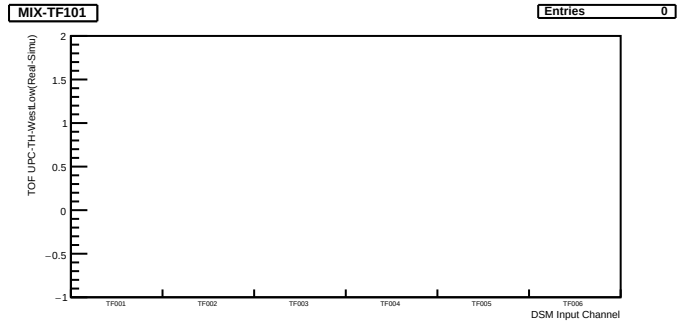

MIX-TF005
Entries 6150963
TOF MULT
TOF tray

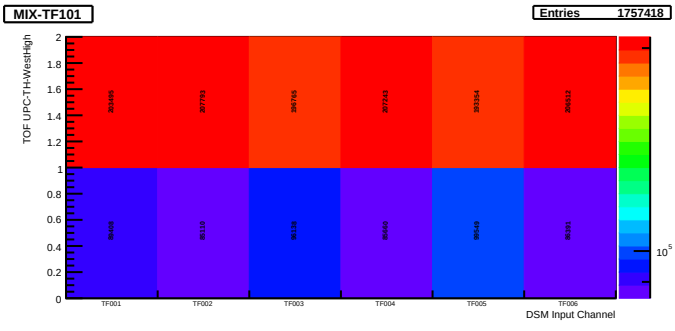

MIX-TF006
Entries 6150963
TOF MULT
TOF tray

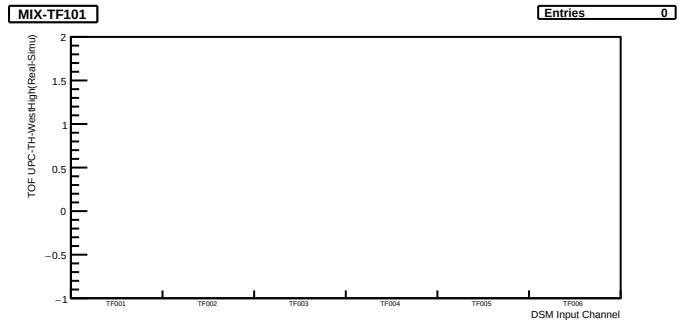

MIX-TF101
Entries 1757418
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

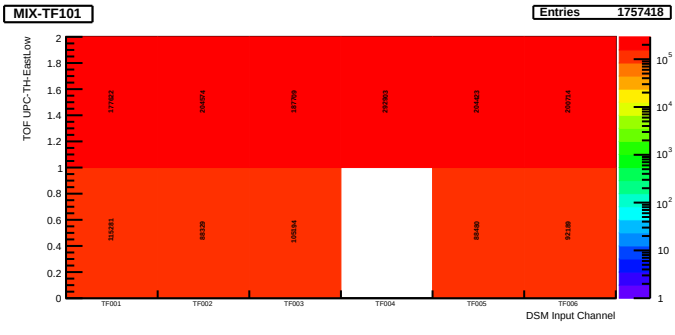

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

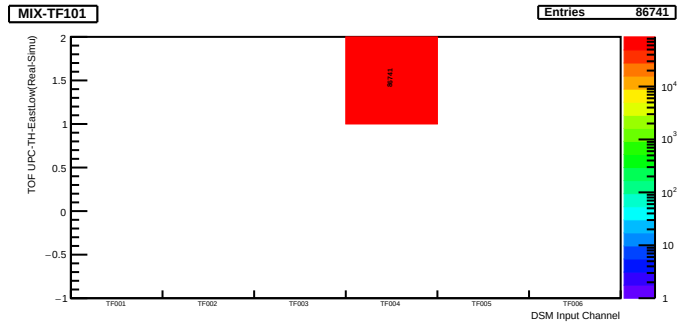

MIX-TF101
Entries 1757418
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

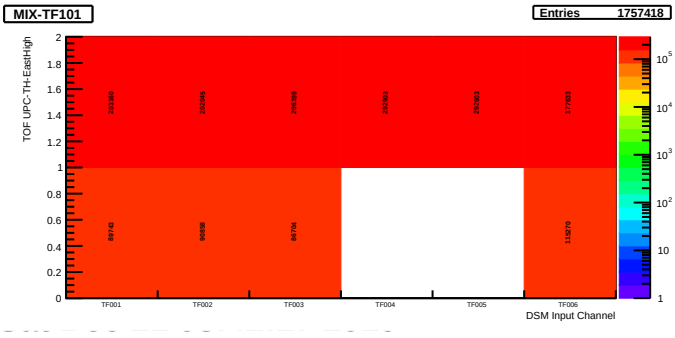

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

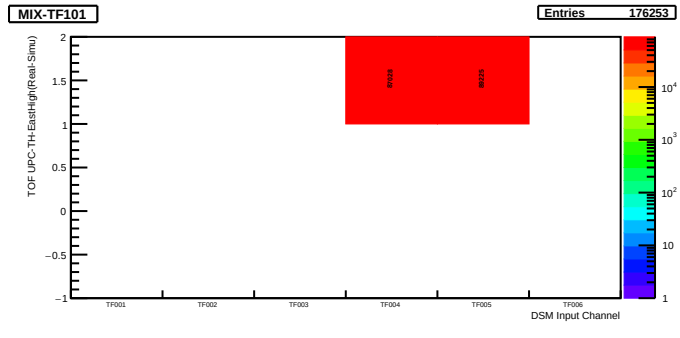

MIX-TF101
Entries 1757418
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

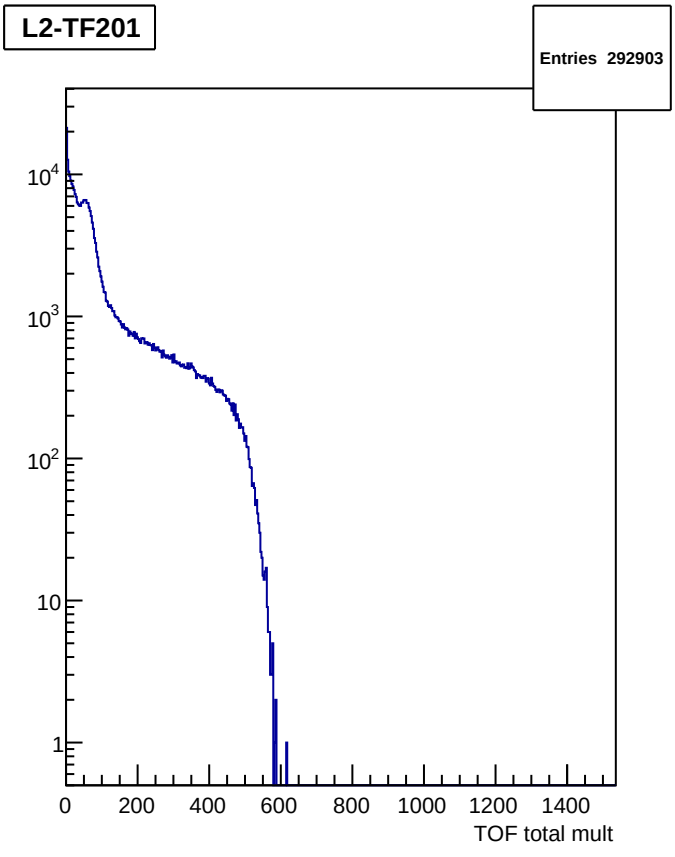

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

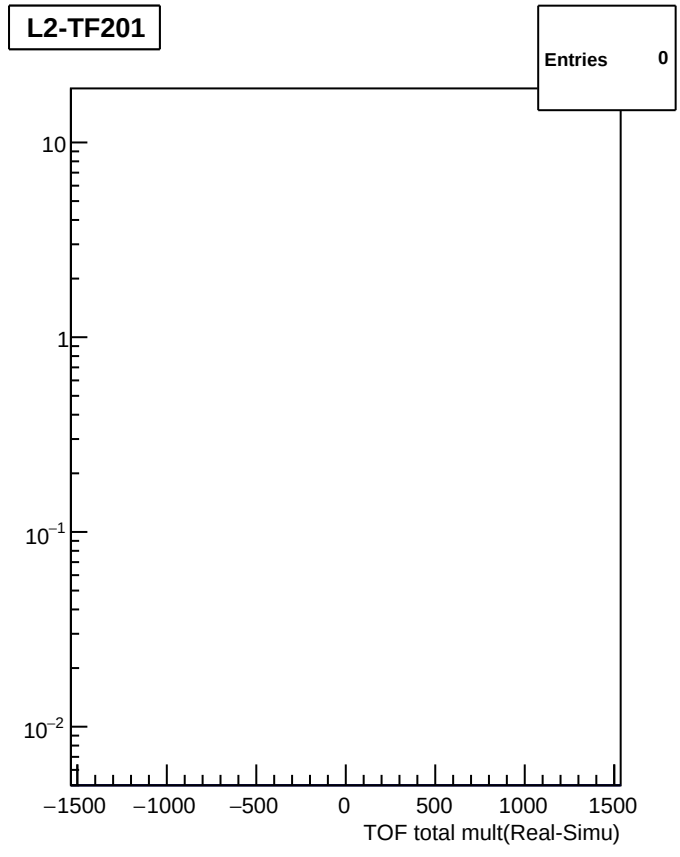

MIX-TF101
Entries 1757418
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

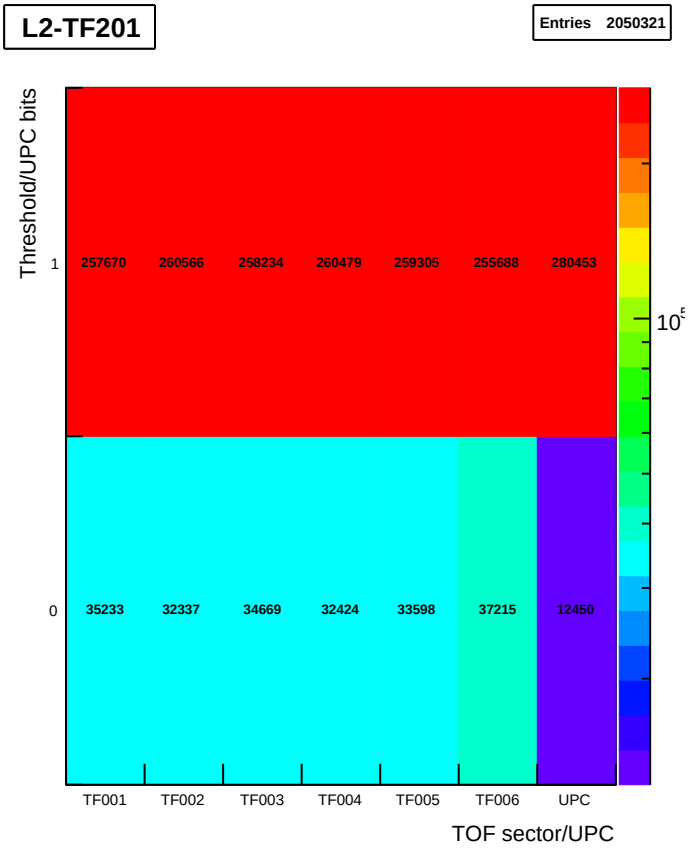

MIX-TF101
Entries 86741
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

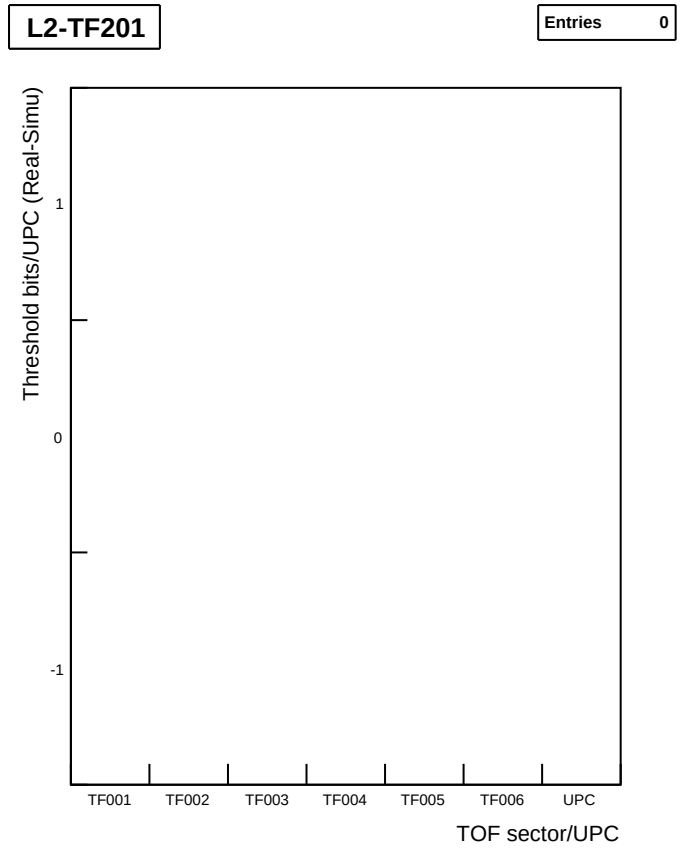

MIX-TF101
Entries 1757418
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

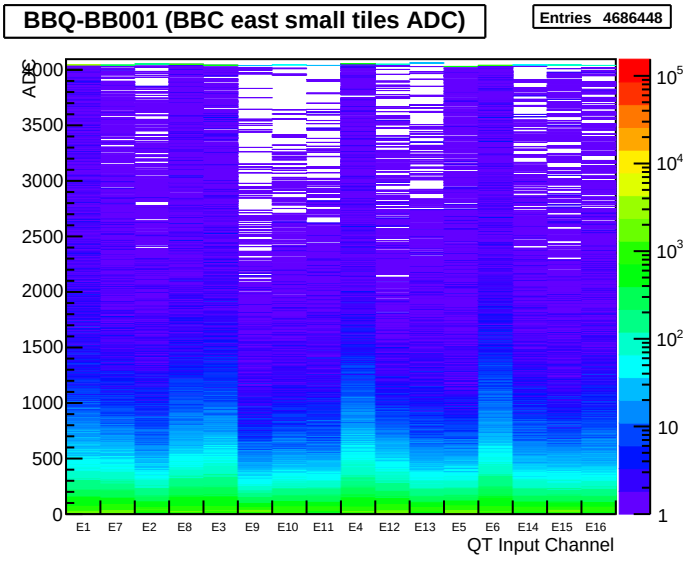

MIX-TF101
Entries 176253
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

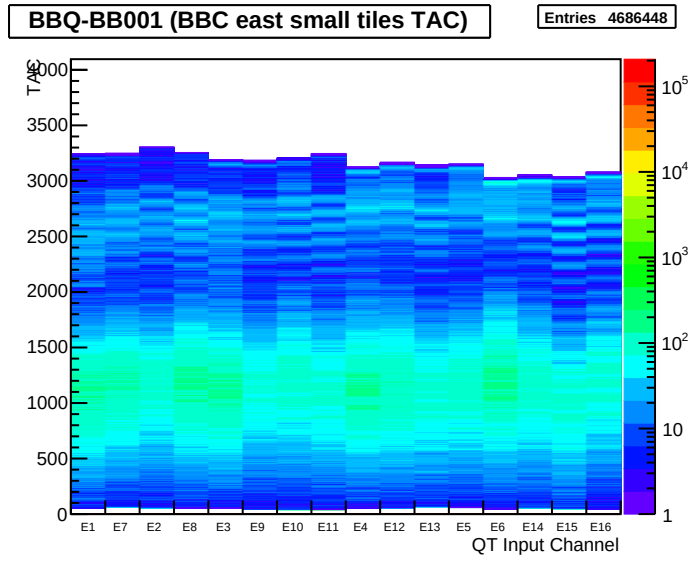

L2-TF201
Entries 292903
TOF total mult

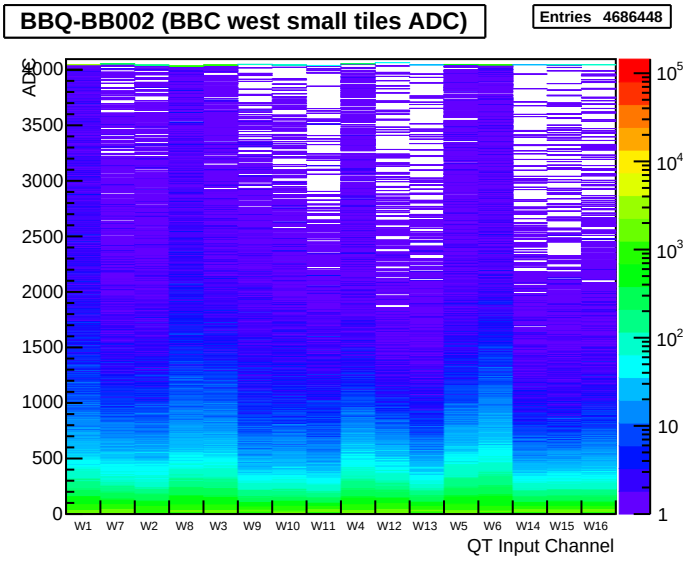

L2-TF201
Entries 0
TOF total mult(Real-Simu)

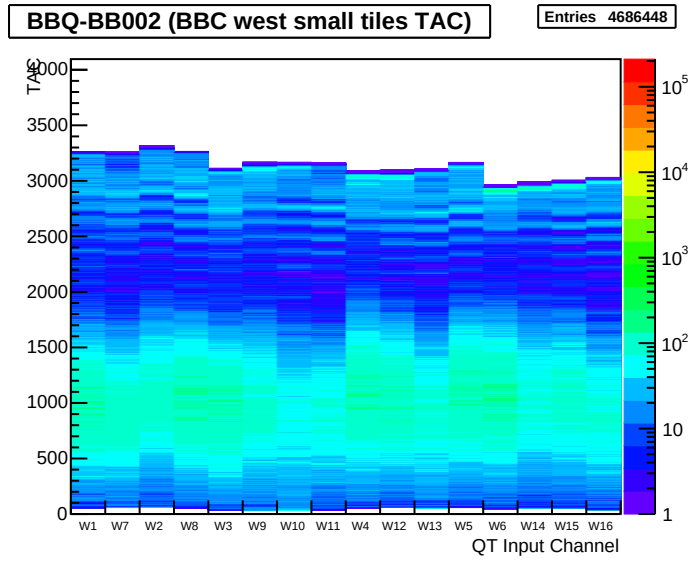

L2-TF201
Entries 2050321
Threshold/UPC bits
257670
260566
258234
260479
259305
255688
280453
35233
32337
34669
32424
33598
37215
12450
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

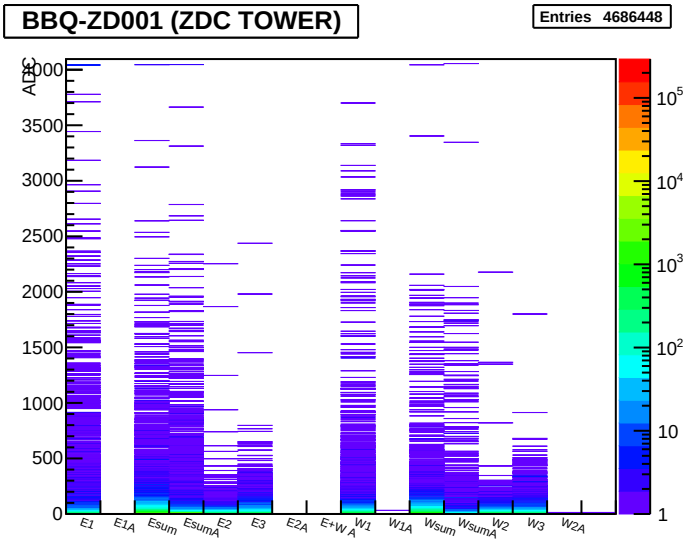

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

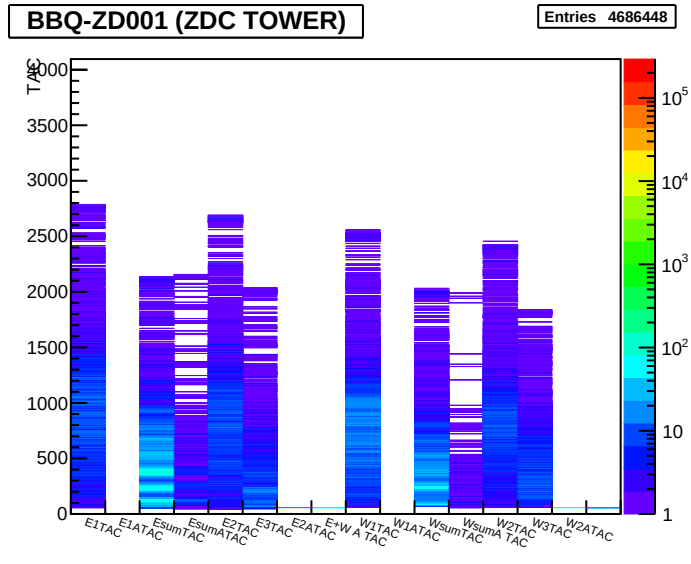

BBQ-BB001 (BBC east small tiles ADC)
Entries 4686448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

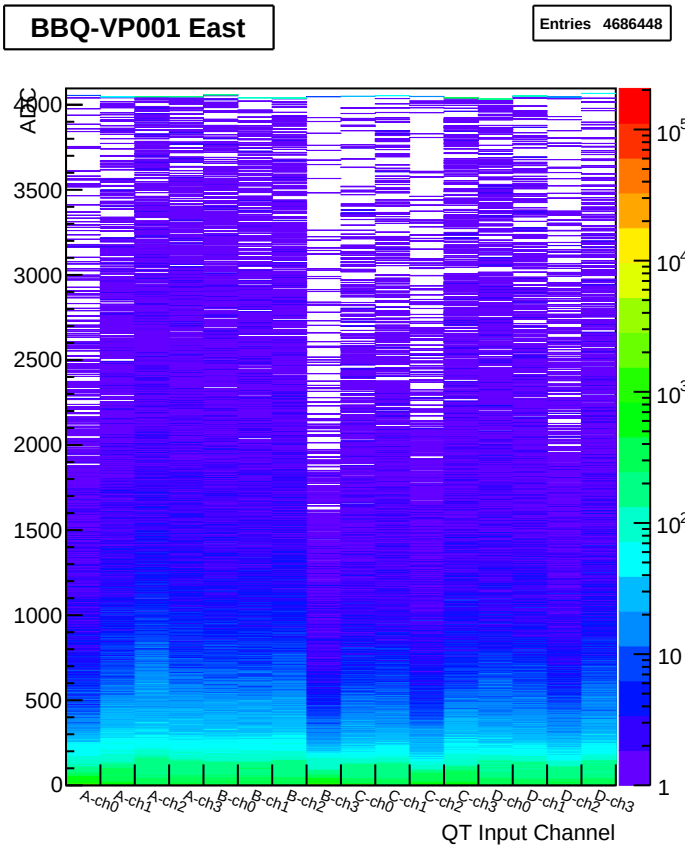

BBQ-BB001 (BBC east small tiles TAC)
Entries 4686448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

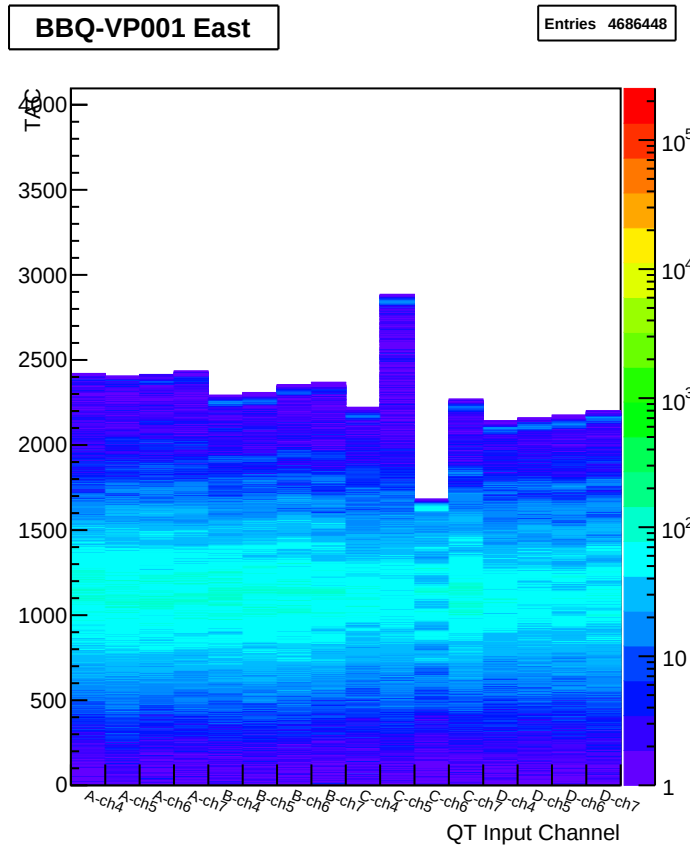

BBQ-BB002 (BBC west small tiles ADC)
Entries 4686448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

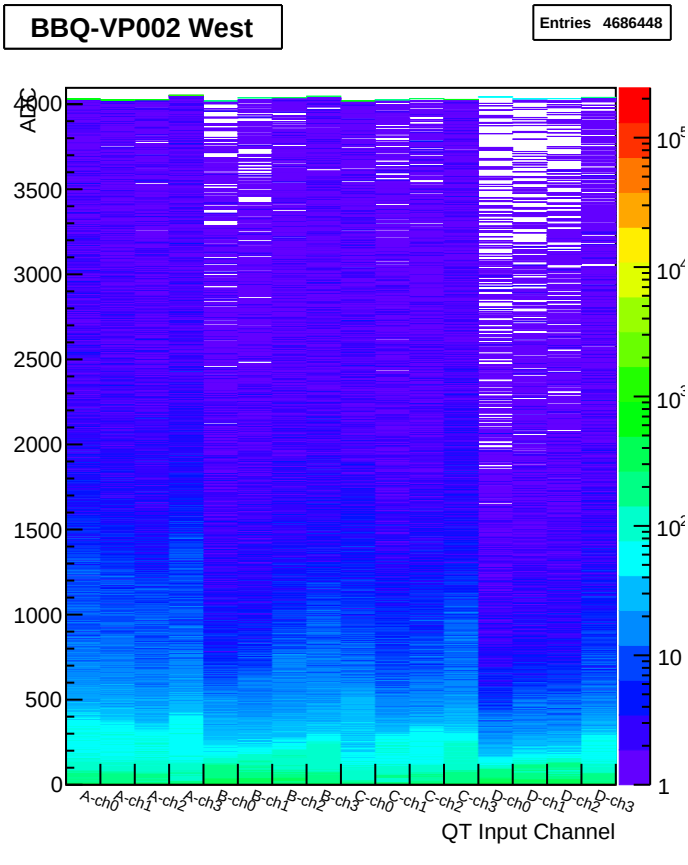

BBQ-BB002 (BBC west small tiles TAC)
Entries 4686448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

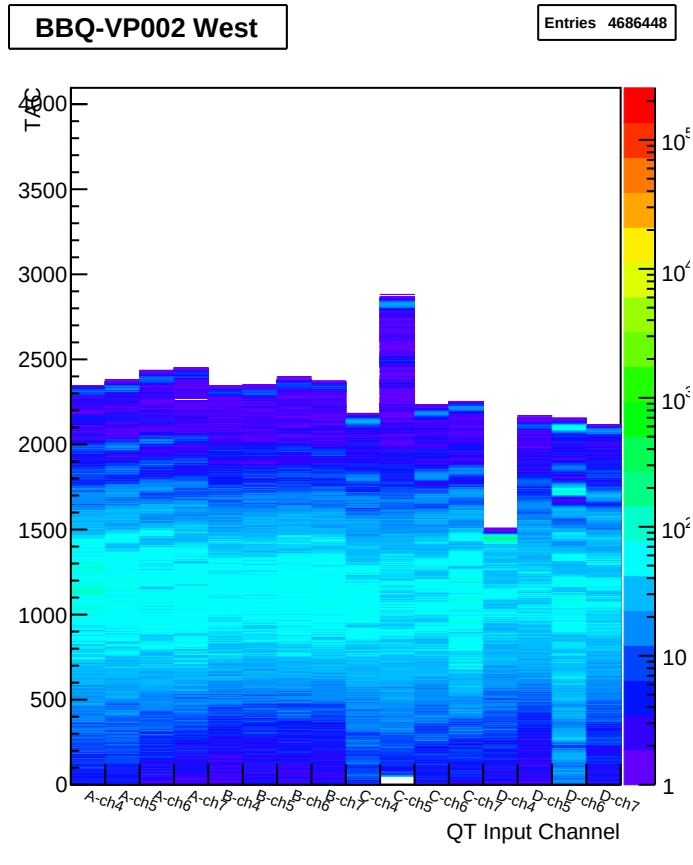

BBQ-ZD001 (ZDC TOWER)
Entries 4686448
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

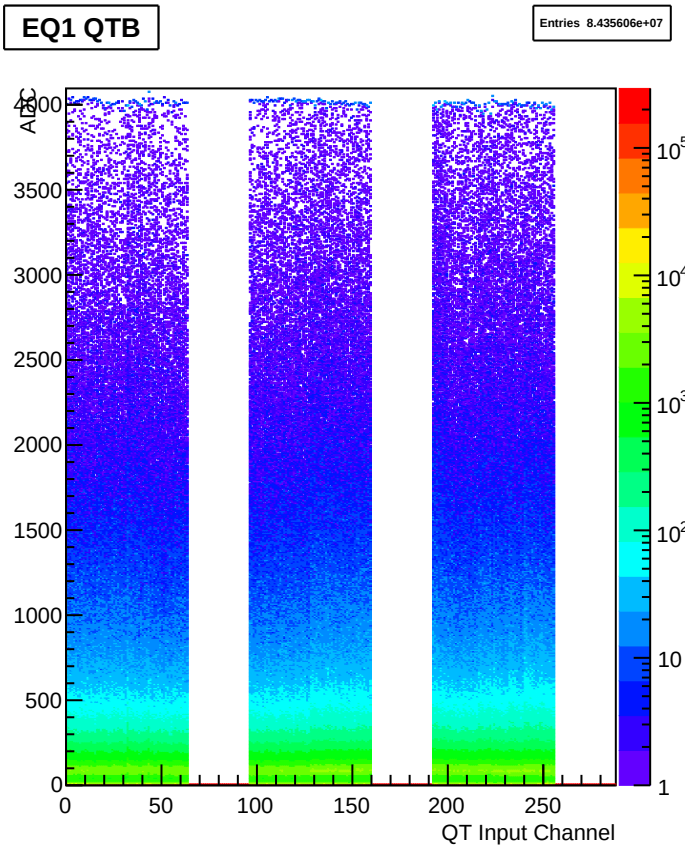

BBQ-ZD001 (ZDC TOWER)
Entries 4686448
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

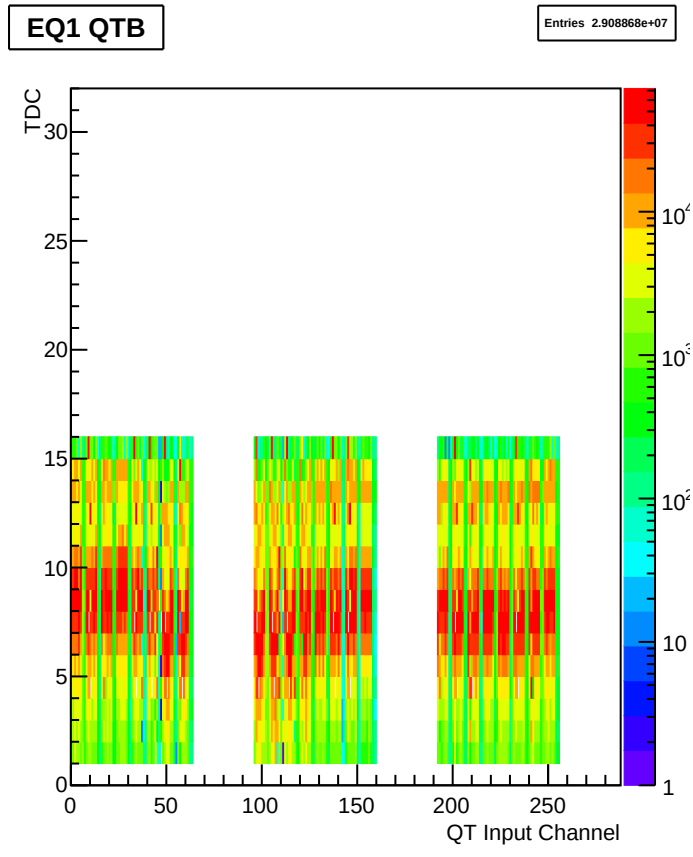

BBQ-VP001 East
Entries 4686448
ADC
QT Input Channel

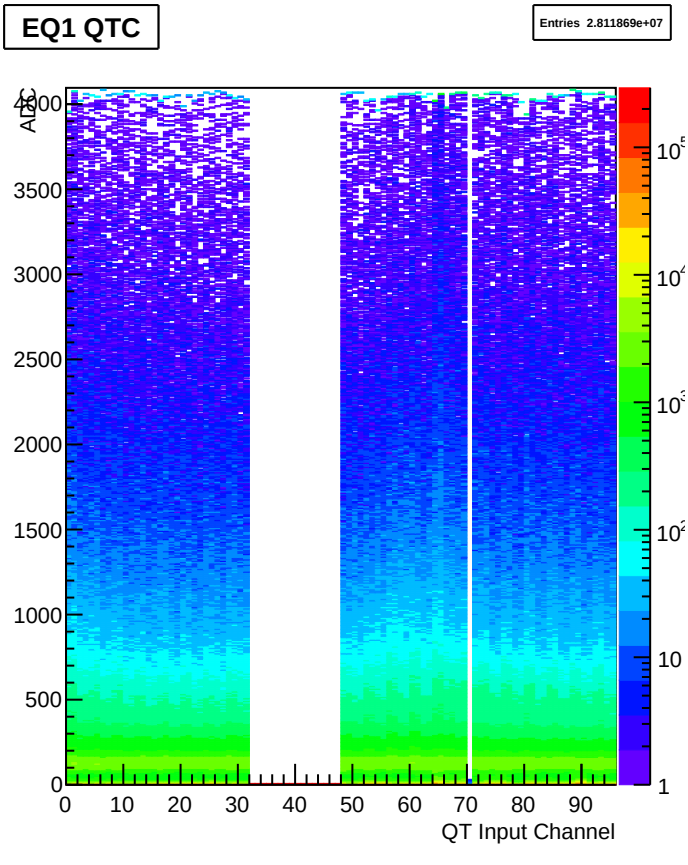

BBQ-VP001 East
Entries 4686448
TAC
QT Input Channel

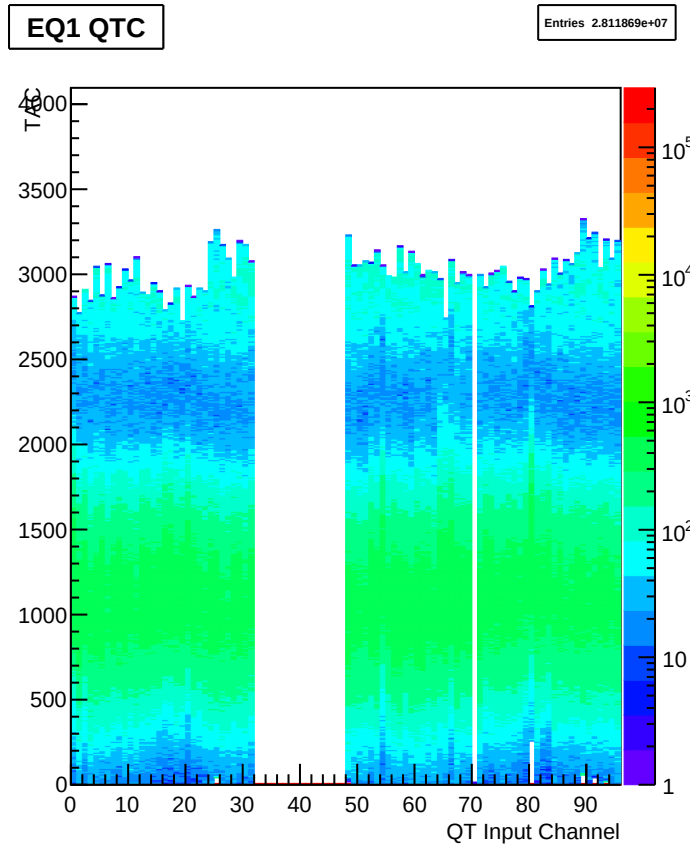

BBQ-VP002 West
Entries 4686448
ADC
QT Input Channel

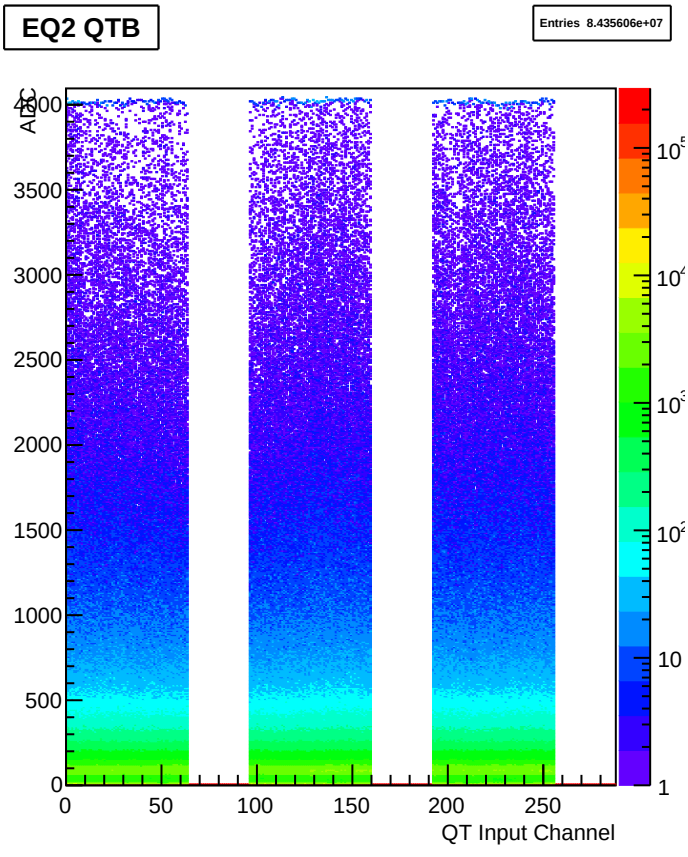

BBQ-VP002 West
Entries 4686448
TAC
QT Input Channel

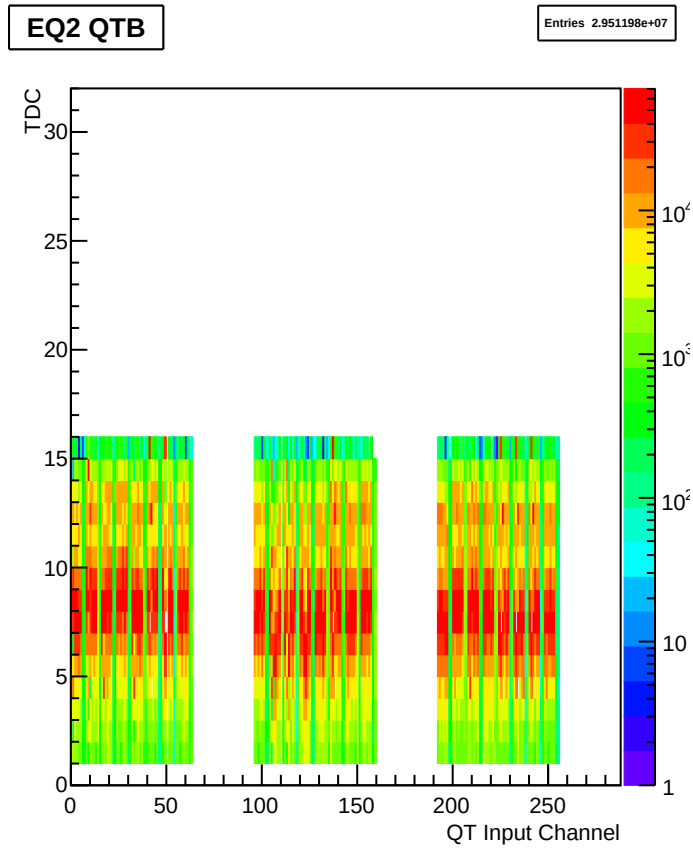

EQ1 QTB
Entries 8.435606e+07
ADC
QT Input Channel

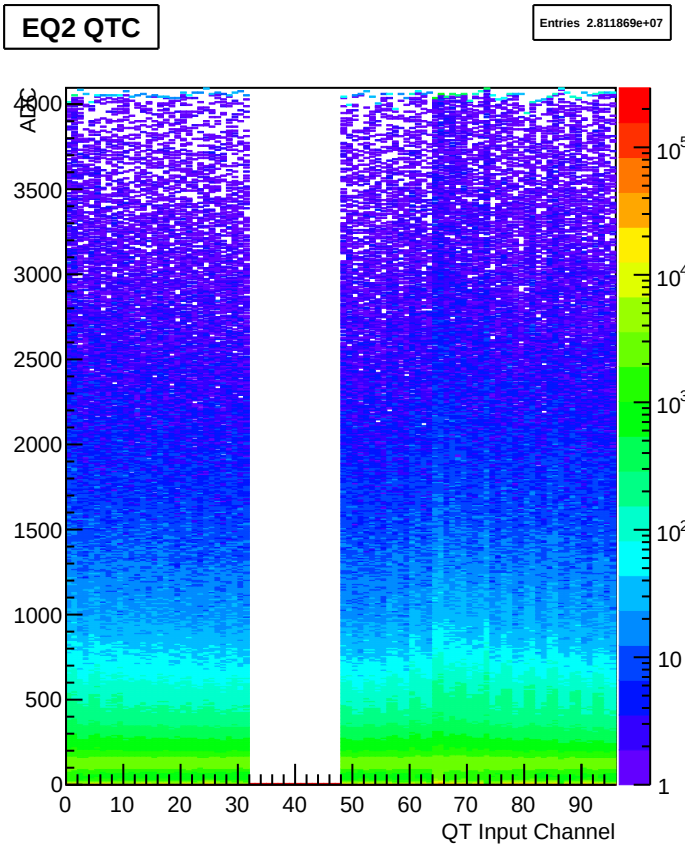

EQ1 QTB
Entries 2.908868e+07
TDC
QT Input Channel

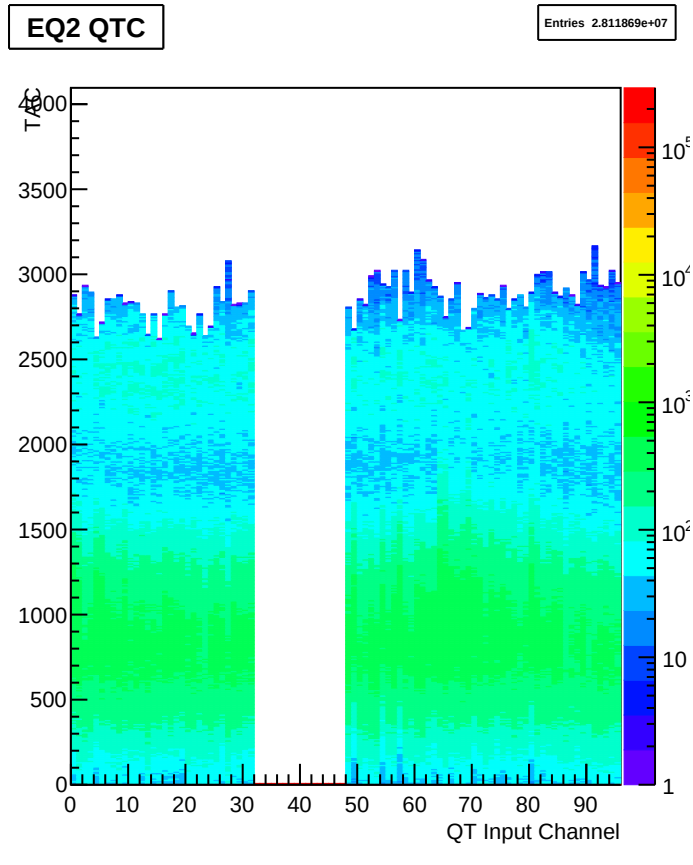

EQ1 QTC
Entries 2.811869e+07
ADC
QT Input Channel

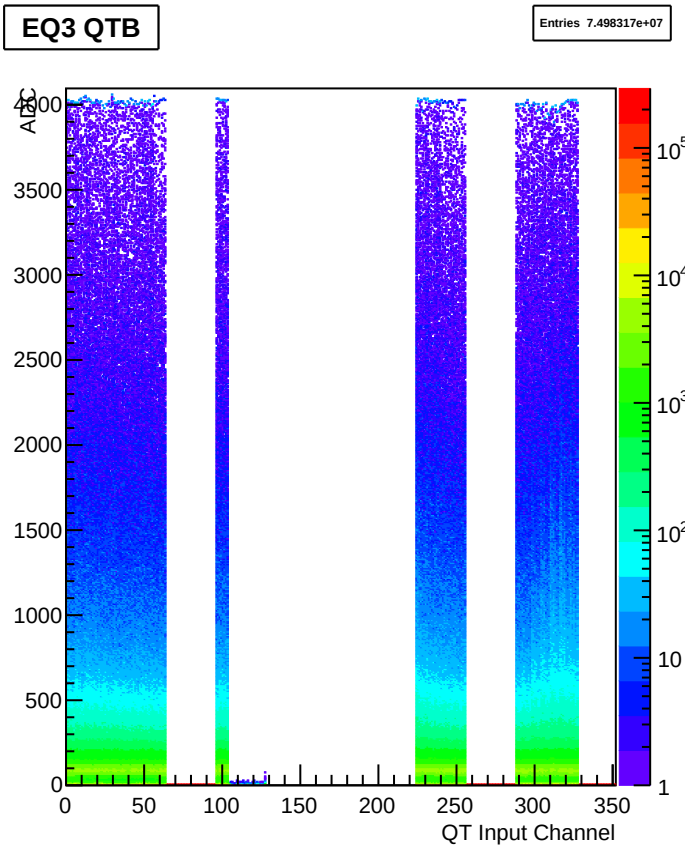

EQ1 QTC
Entries 2.811869e+07
TADC
QT Input Channel

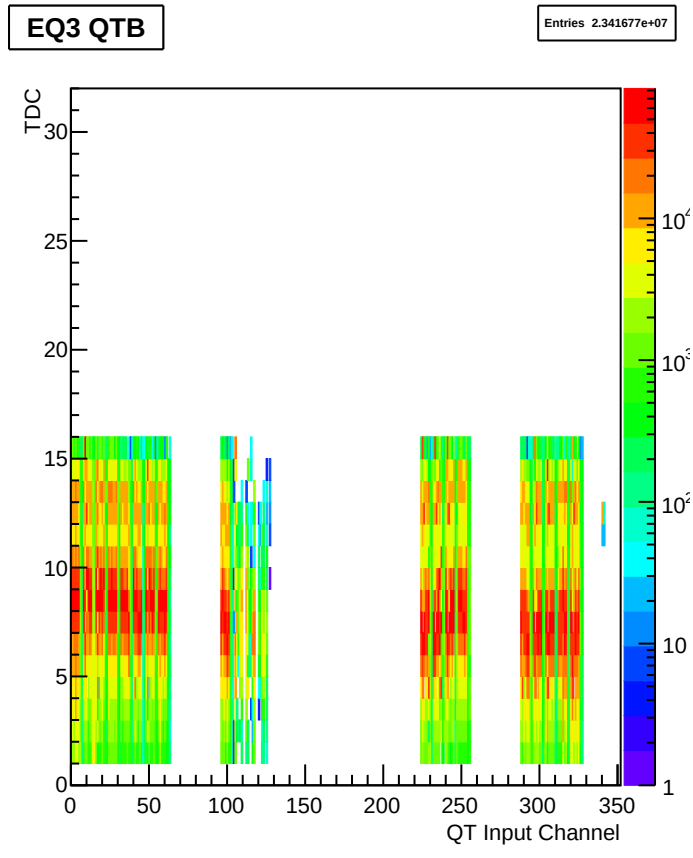

EQ2 QTB
Entries 8.435606e+07
ADC
QT Input Channel

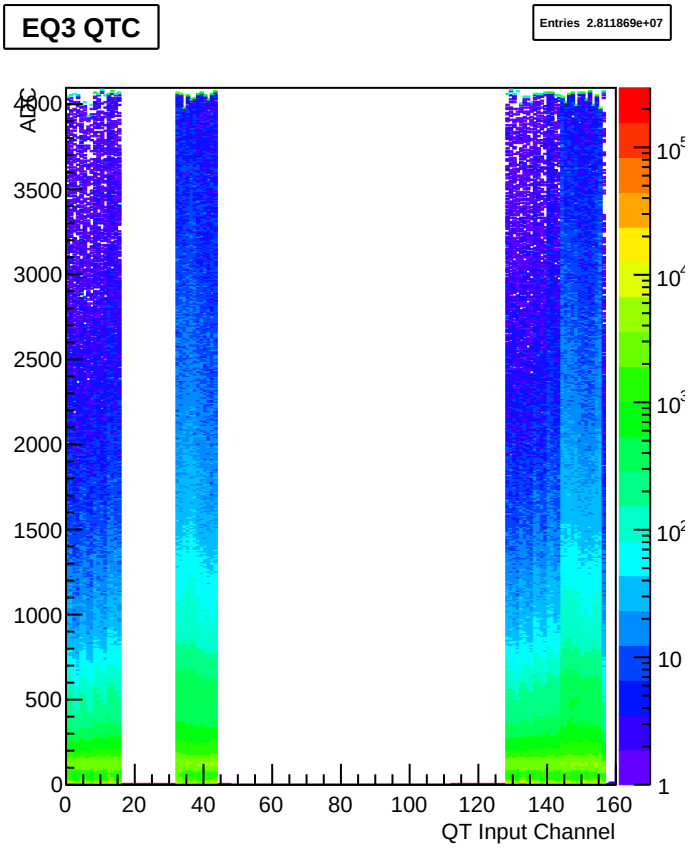

EQ2 QTB
Entries 2.951198e+07
TDC
QT Input Channel

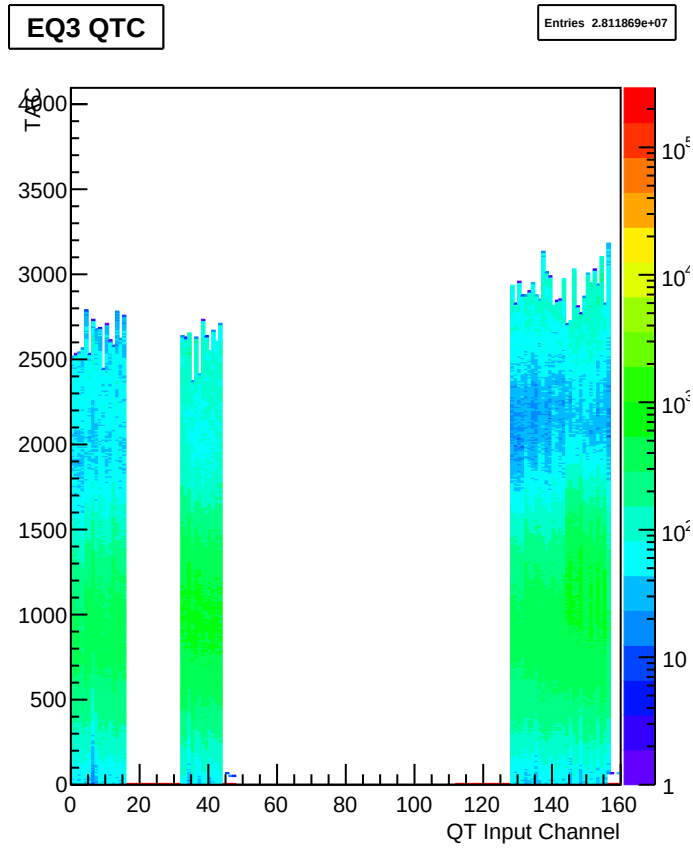

EQ2 QTC
Entries 2.811869e+07
ADC
QT Input Channel

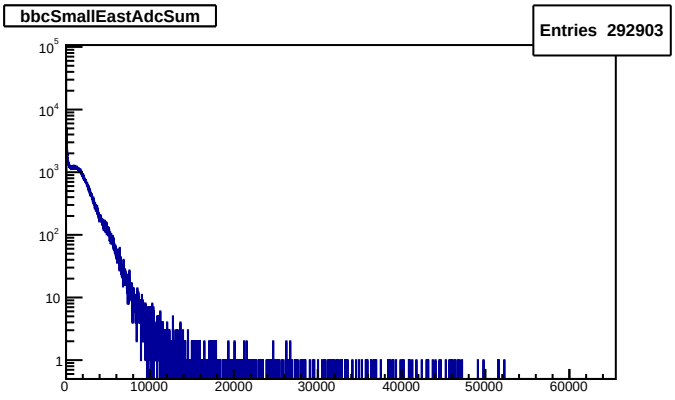

EQ2 QTC
Entries 2.811869e+07
TADC
QT Input Channel

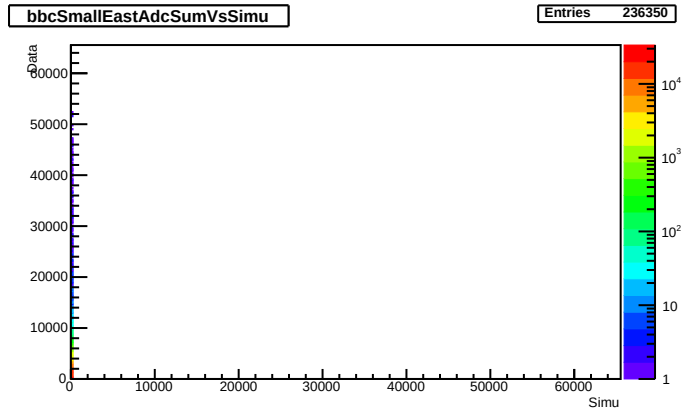

EQ3 QTB
Entries 7.498317e+07
ADC
QT Input Channel

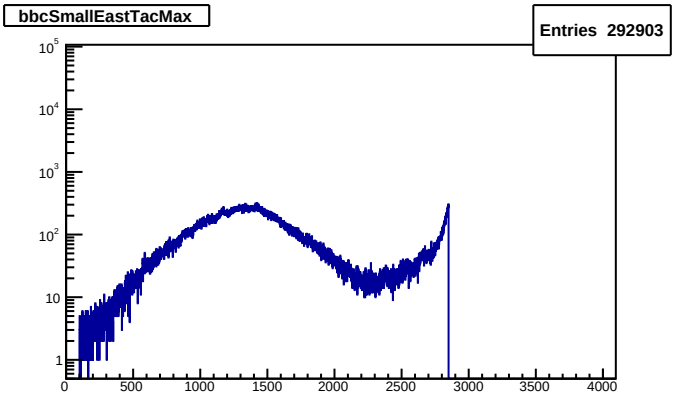

EQ3 QTB
Entries 2.341677e+07
TDC
QT Input Channel

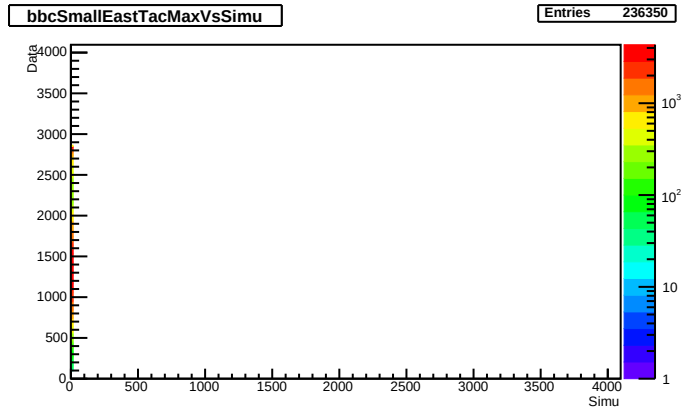

EQ3 QTC
Entries 2.811869e+07
ADC
QT Input Channel

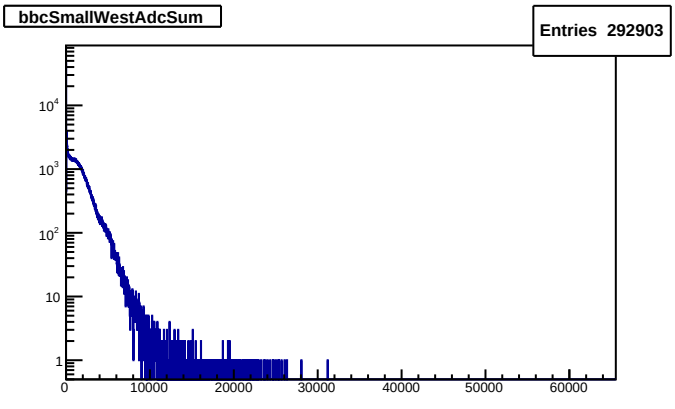

EQ3 QTC
Entries 2.811869e+07
TADC
QT Input Channel

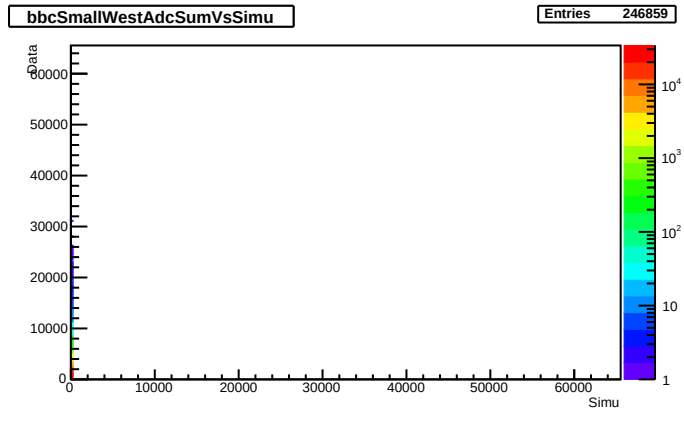

bbcSmallEastAdcSum
Entries 292903

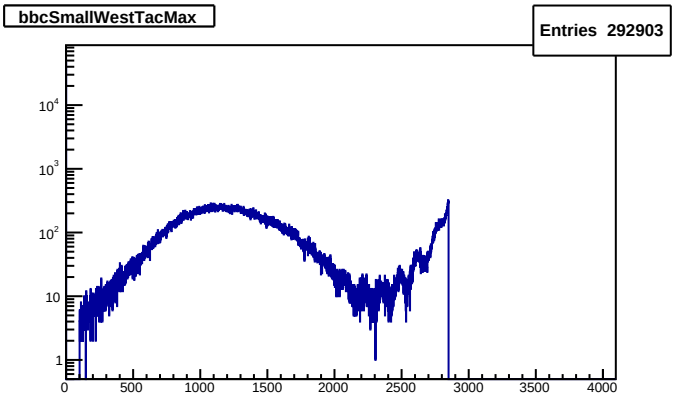

bbcSmallEastAdcSumVsSimu
Entries 236350
Data
Simu

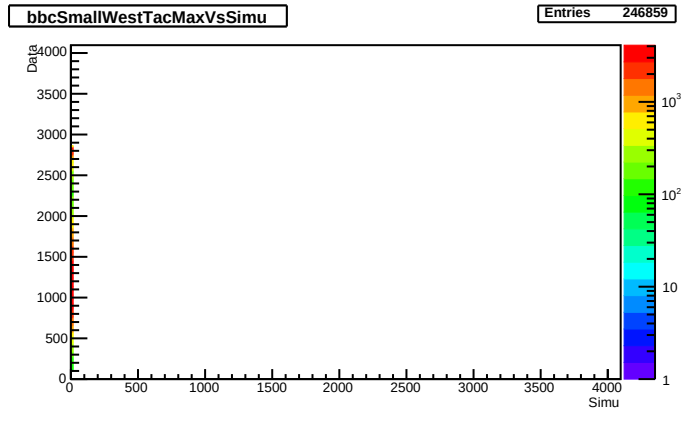

bbcSmallEastTacMax
Entries 292903

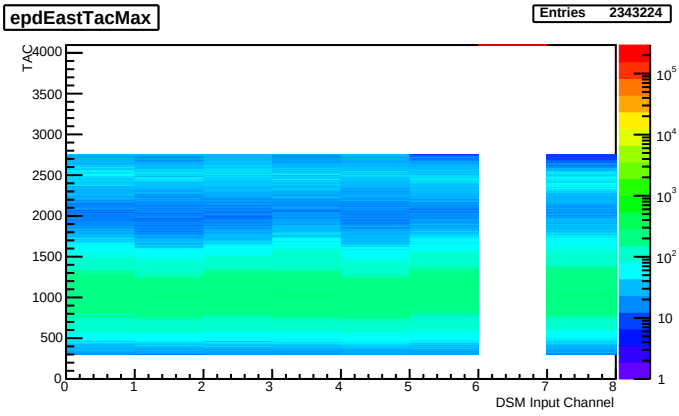

bbcSmallEastTacMaxVsSimu
Entries 236350
Data
Simu

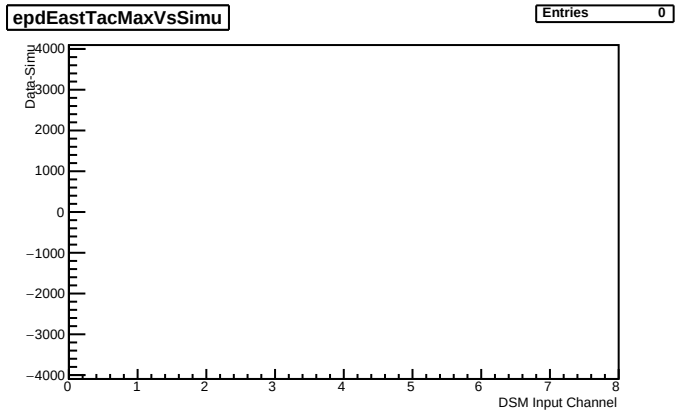

bbcSmallWestAdcSum
Entries 292903

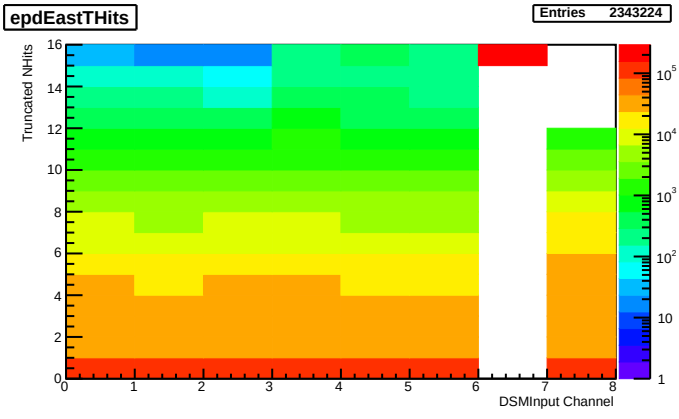

bbcSmallWestAdcSumVsSimu
Entries 246859
Data
Simu

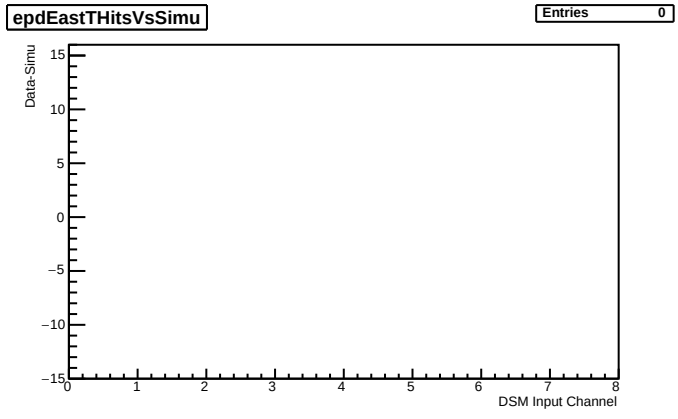

bbcSmallWestTacMax
Entries 292903

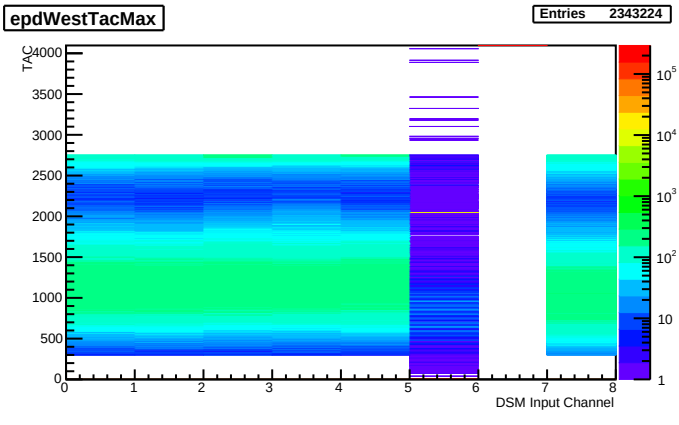

bbcSmallWestTacMaxVsSimu
Entries 246859
Data
Simu

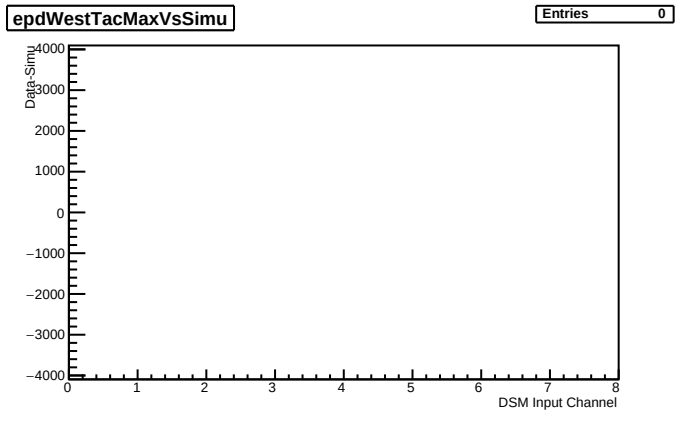

epdEastTacMax
Entries 2343224
TAC
DSM Input Channel

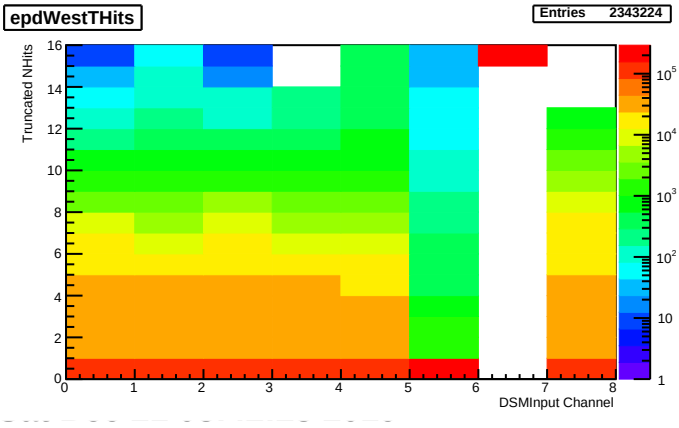

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

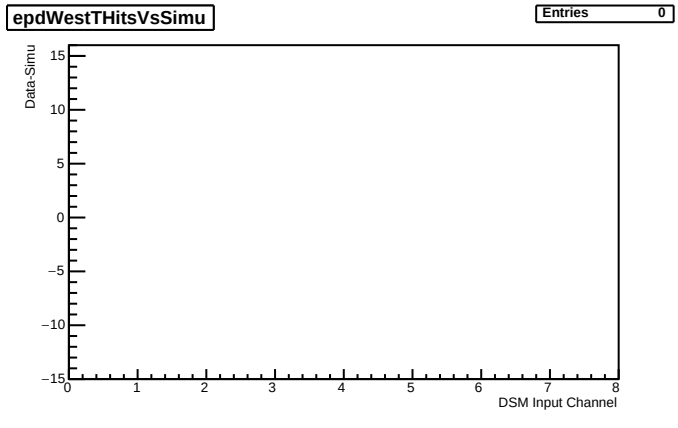

epdEastTHits
Entries 2343224
Truncated NHits
DSMInput Channel

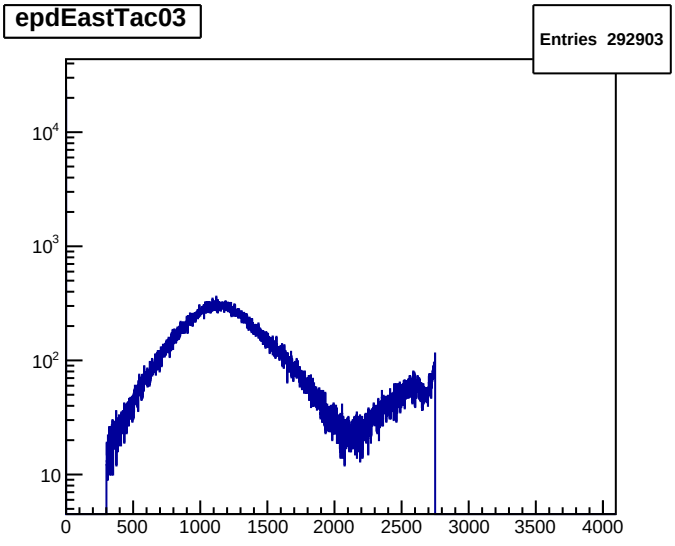

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

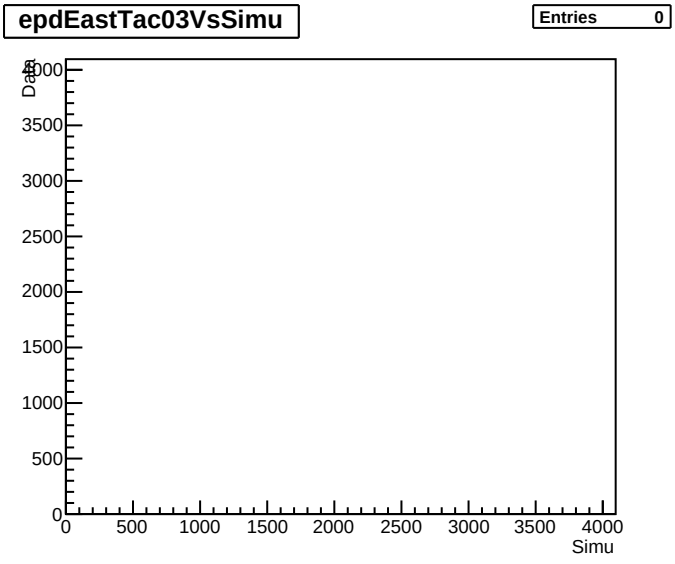

epdWestTacMax
Entries 2343224
TAC
DSM Input Channel

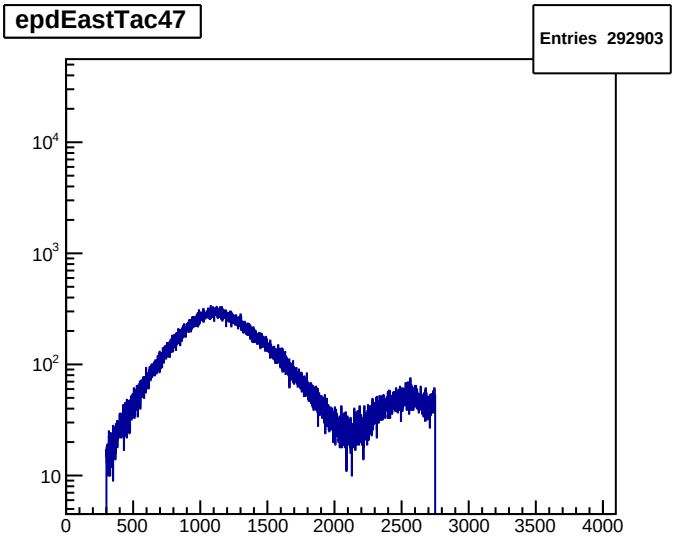

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

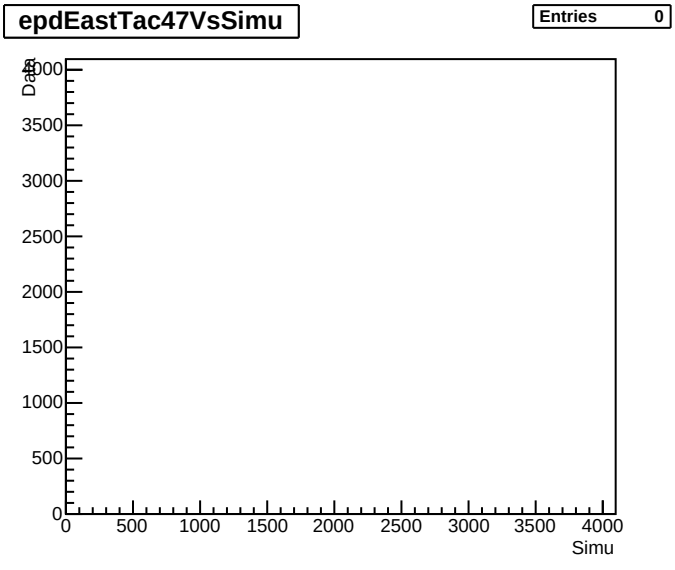

epdWestTHits
Entries 2343224
Truncated NHits
DSMInput Channel

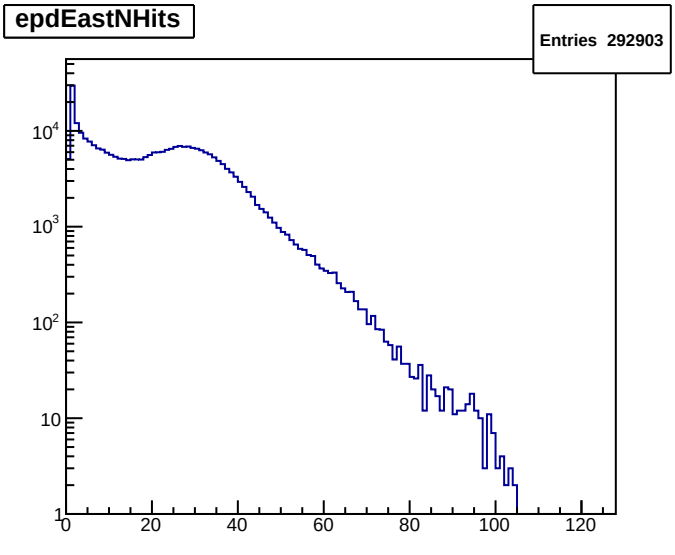

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

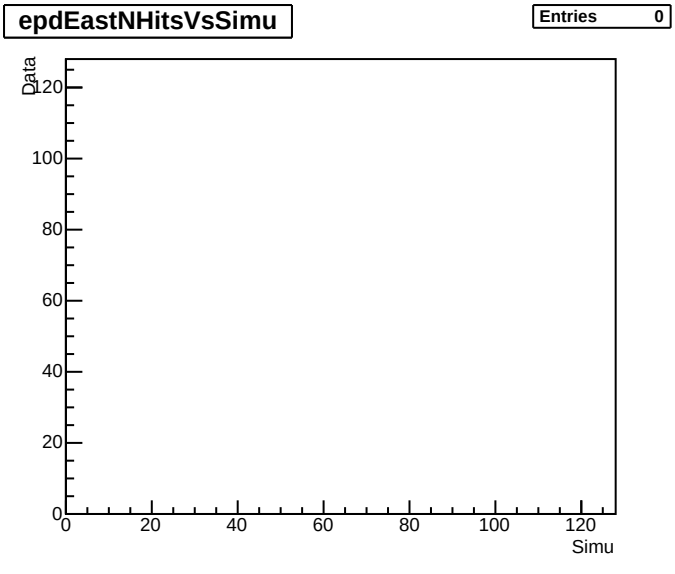

epdEastTac03
Entries 292903

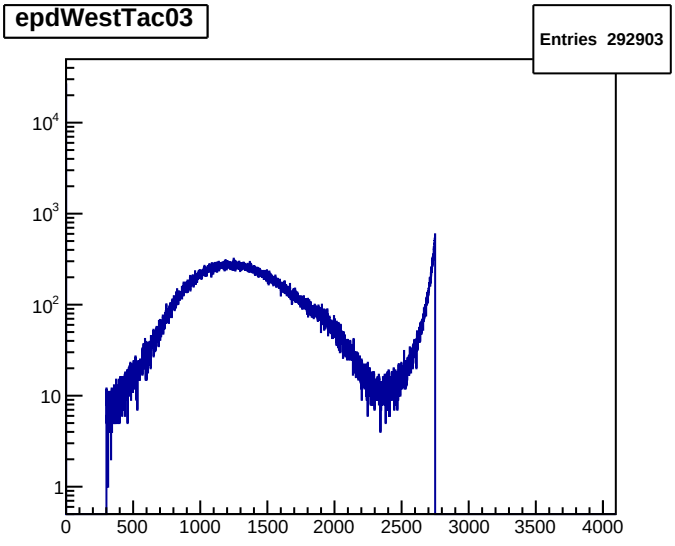

epdEastTac03VsSimu
Entries 0
Data
Simu

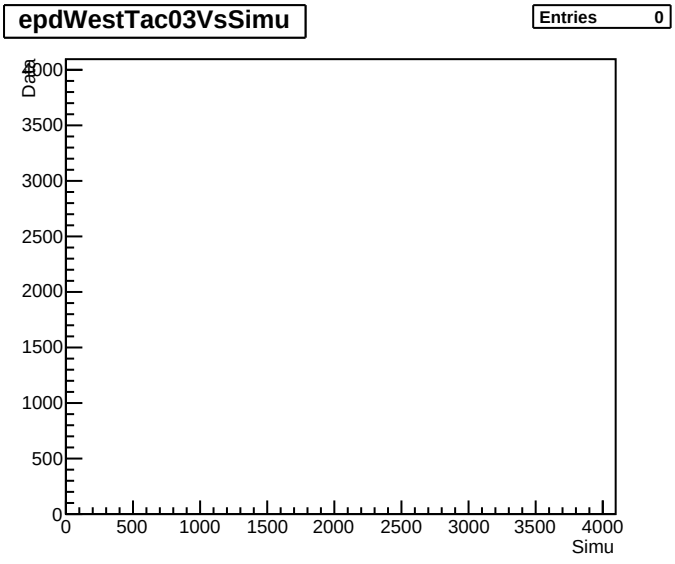

epdEastTac47
Entries 292903

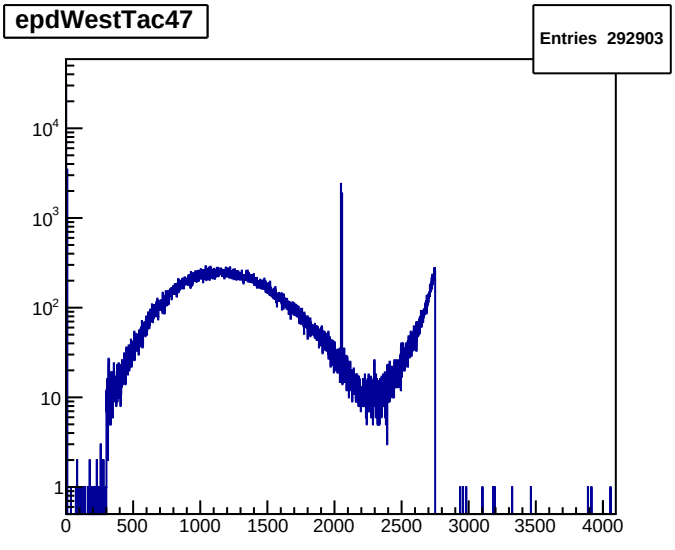

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 292903


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 292903


epdWestTac03VsSimu
Entries 0
Data
Simu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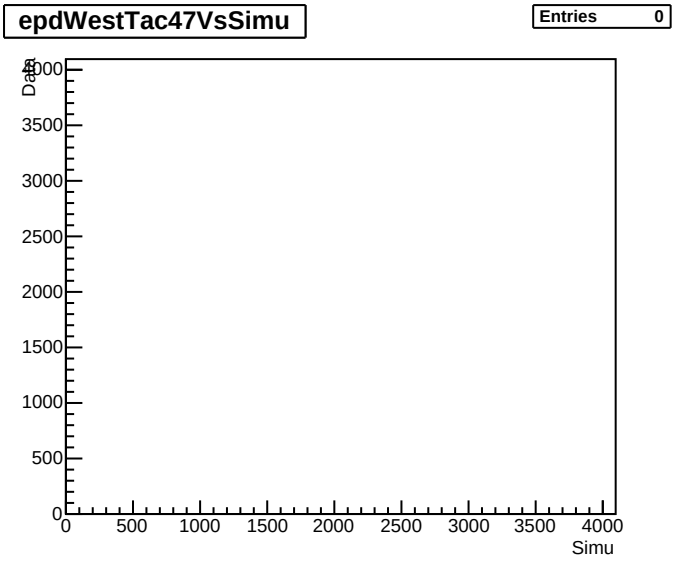
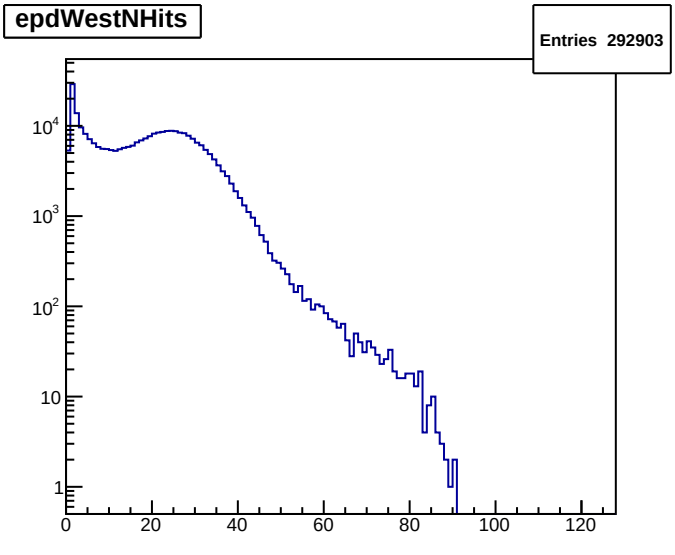
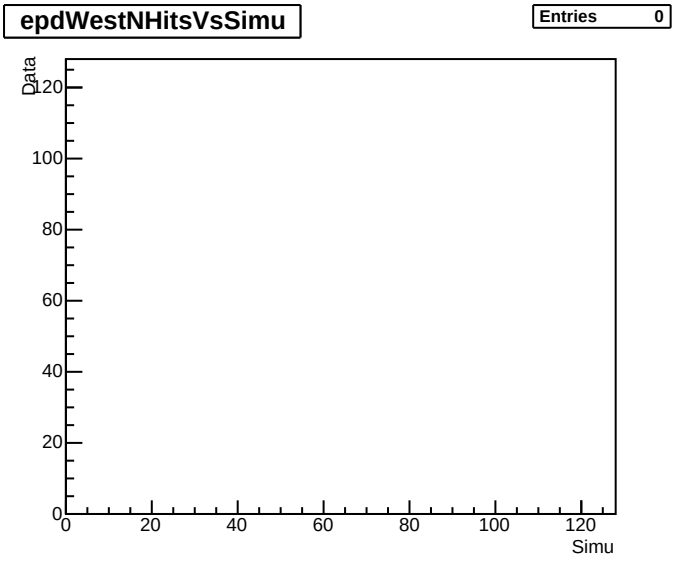
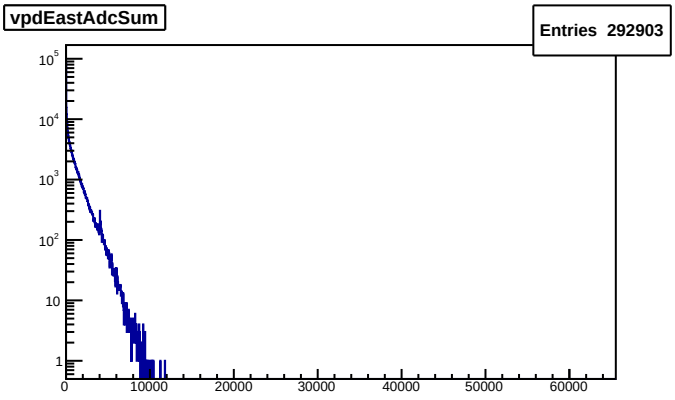
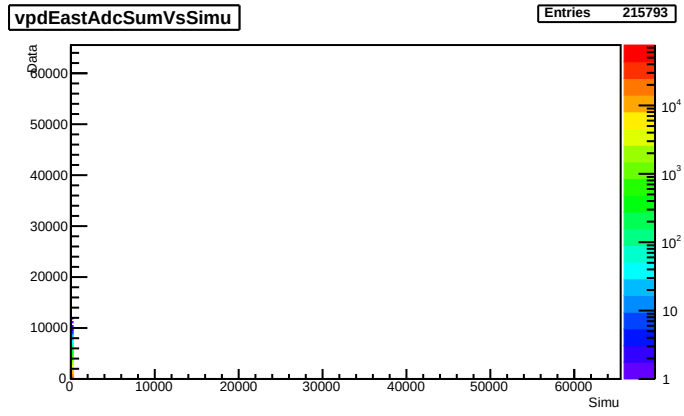
Entries 292903

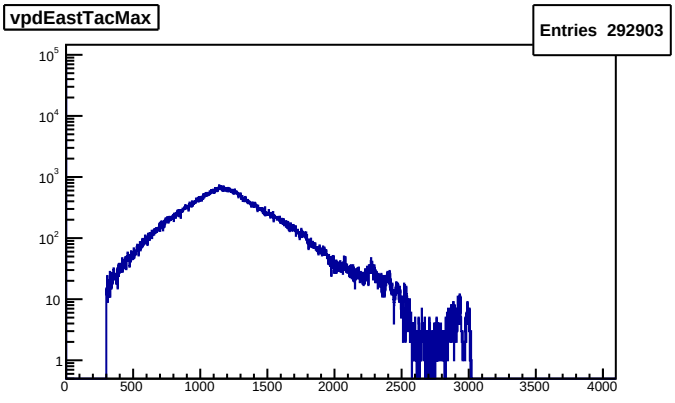

epdWestTac47VsSimu
Entries 0
Data
Simu

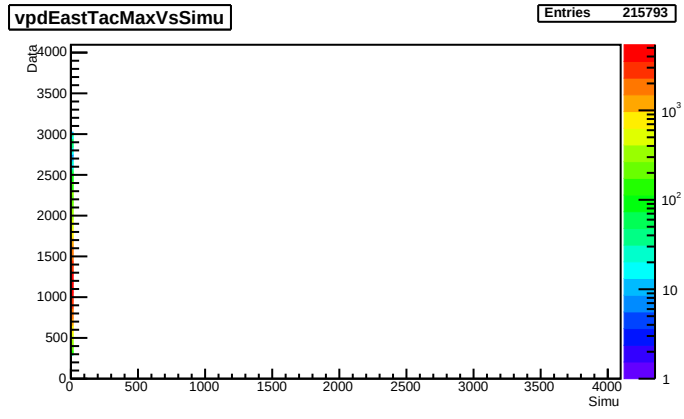

epdWestNHits
Entries 292903

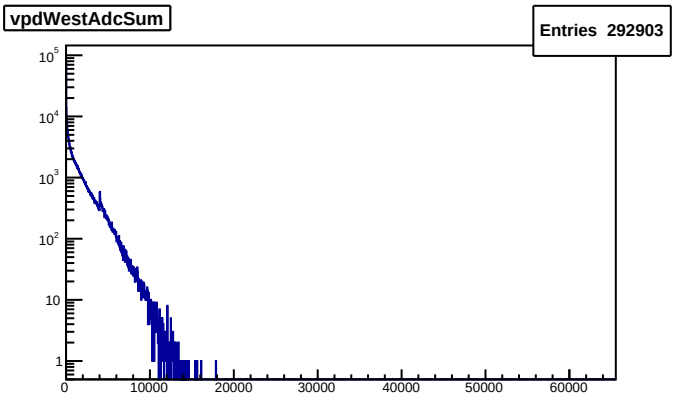

epdWestNHitsVsSimu
Entries 0
Data
Simu

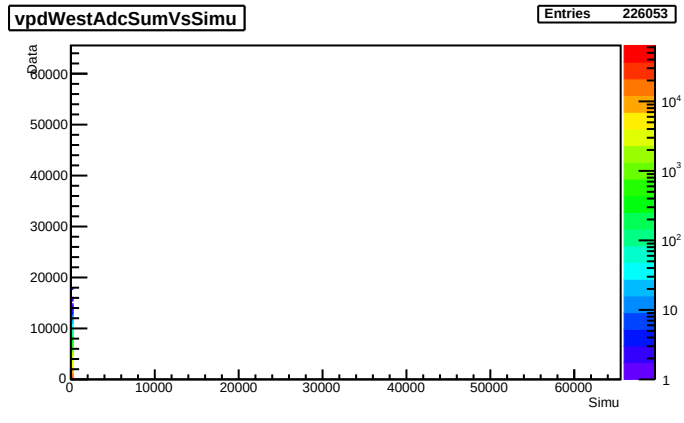

vpdEastAdcSum
Entries 292903

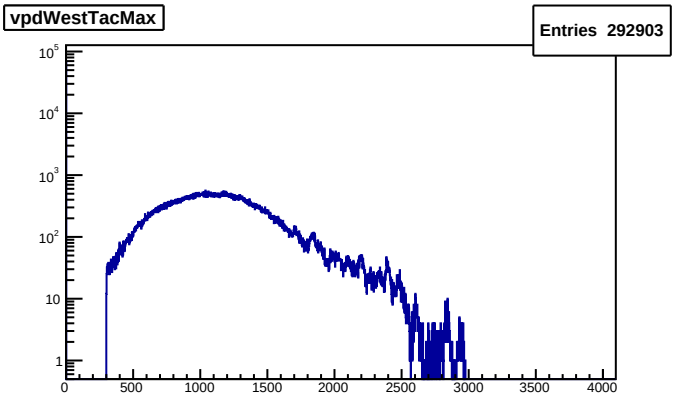

vpdEastAdcSumVsSimu
Entries 215793
Data
Simu

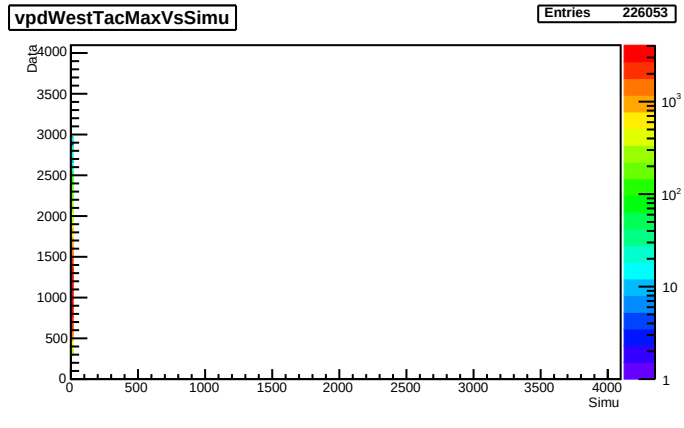

vpdEastTacMax
Entries 292903

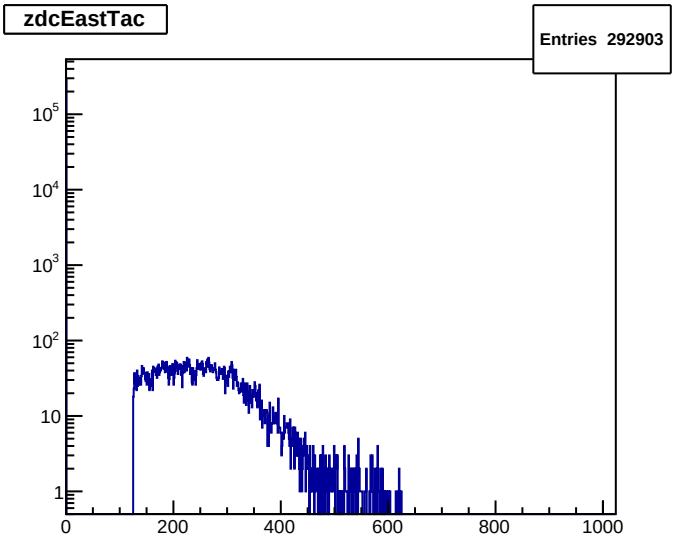

vpdEastTacMaxVsSimu
Entries 215793
Data
Simu

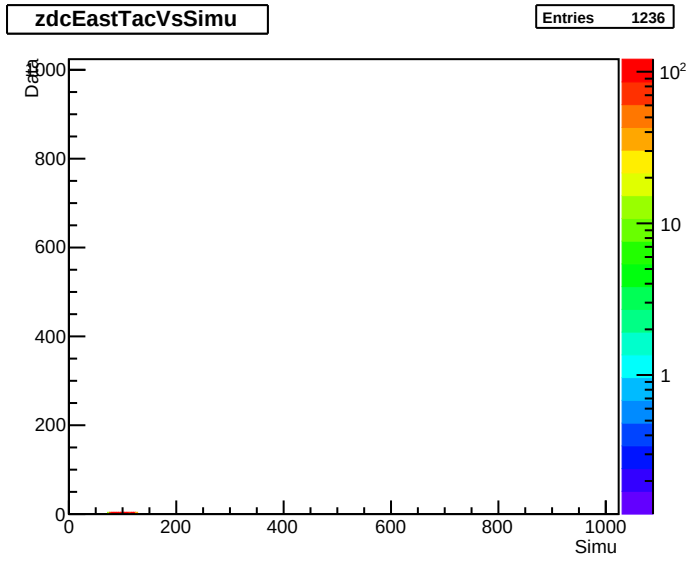

vpdWestAdcSum
Entries 292903

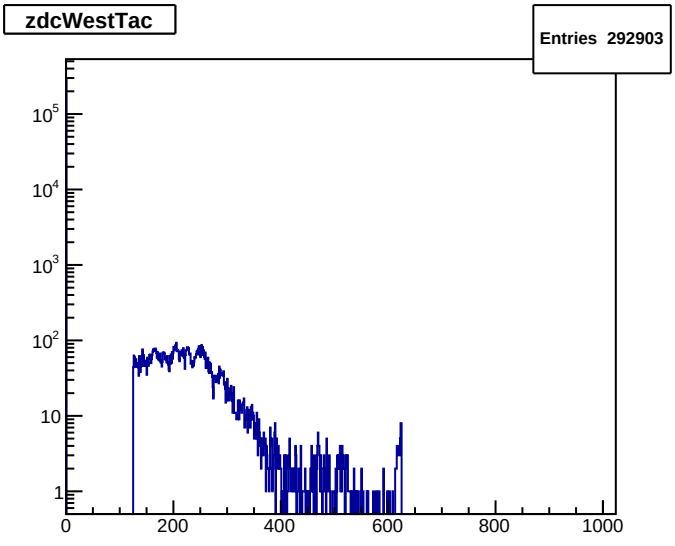

vpdWestAdcSumVsSimu
Entries 226053
Data
Simu

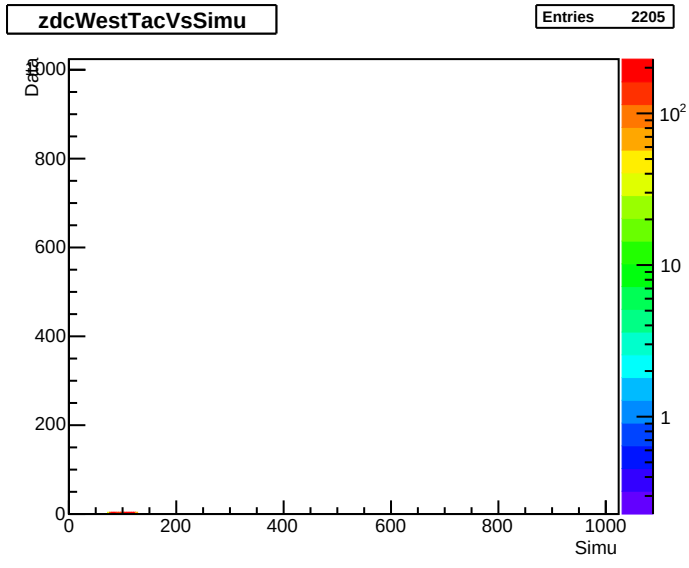

vpdWestTacMax
Entries 292903

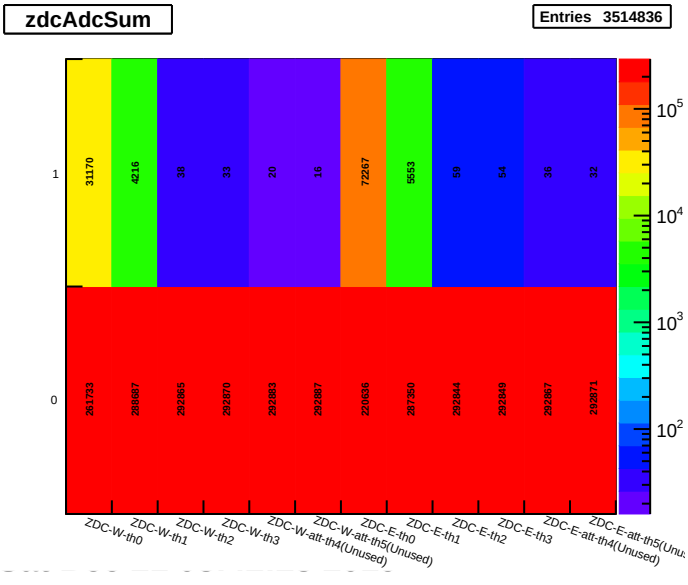

vpdWestTacMaxVsSimu
Entries 226053
Data
Simu

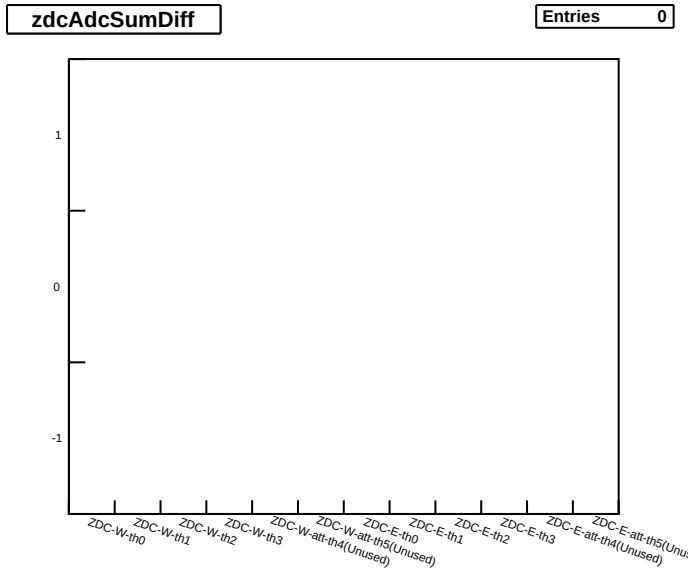

zdcEastTac
Entries 292903

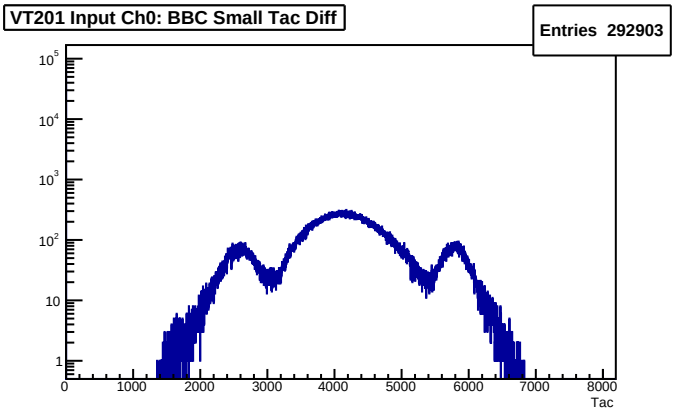

zdcEastTacVsSimu
Entries 1236
Data
Simu

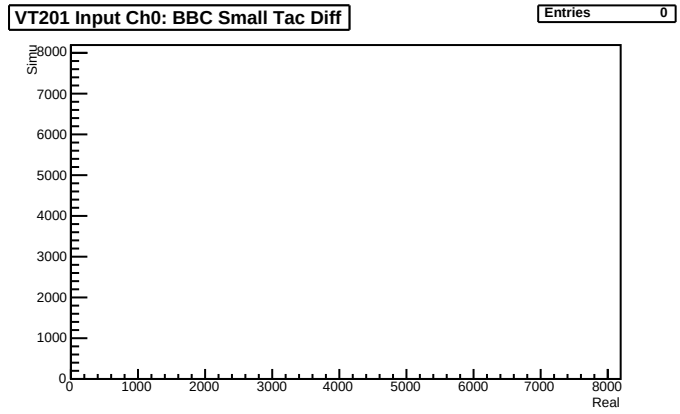

zdcWestTac
Entries 292903

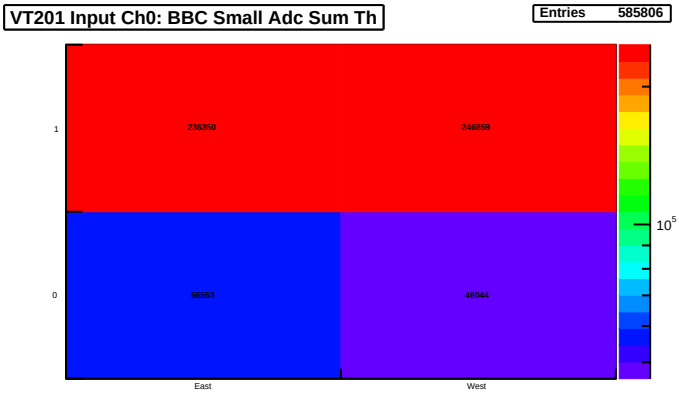

zdcWestTacVsSimu
Entries 2205
Data
Simu

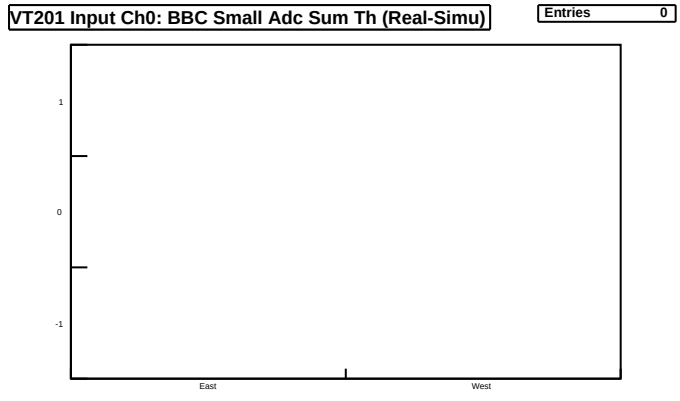

zdcAdcSum
Entries 3514836
31170
4216
38
33
20
16
72267
5553
59
54
36
32
261733
288687
292865
292870
292883
292887
220636
287380
292844
292849
292867
292871
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

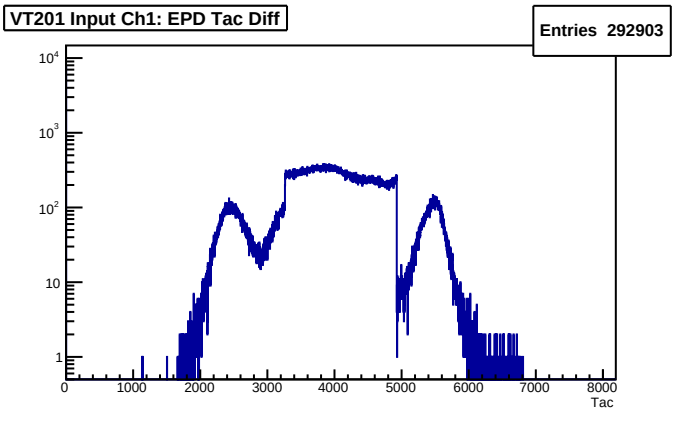

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

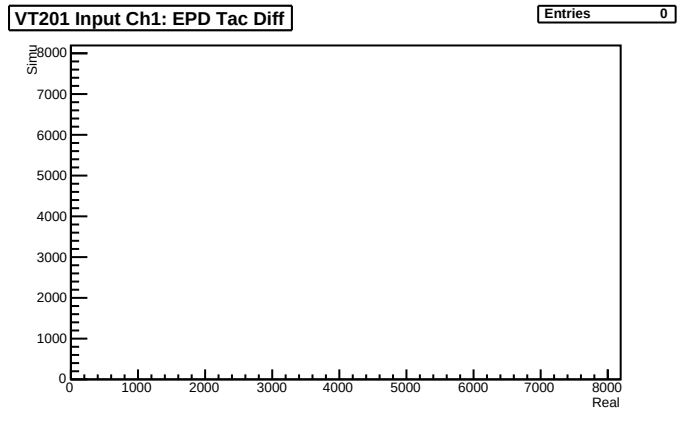

VT201 Input Ch0: BBC Small Tac Diff
Entries 292903
Tac

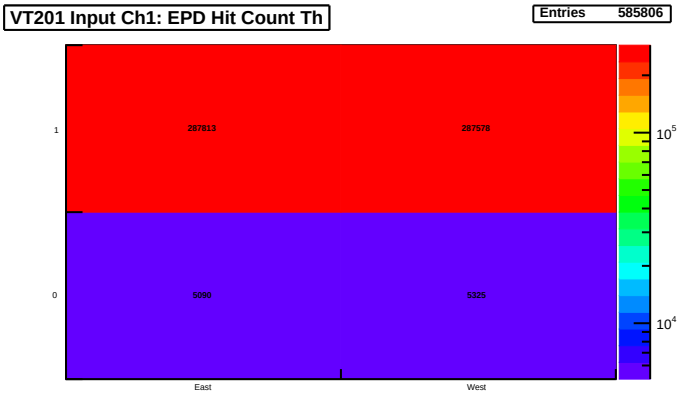

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

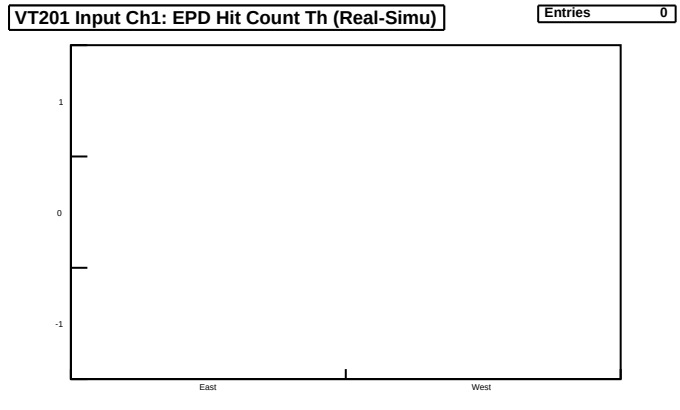

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 585806
236350
246859
56553
46044
East
West

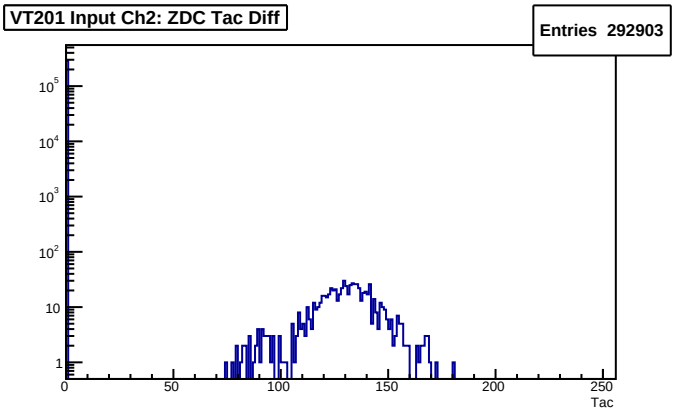

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

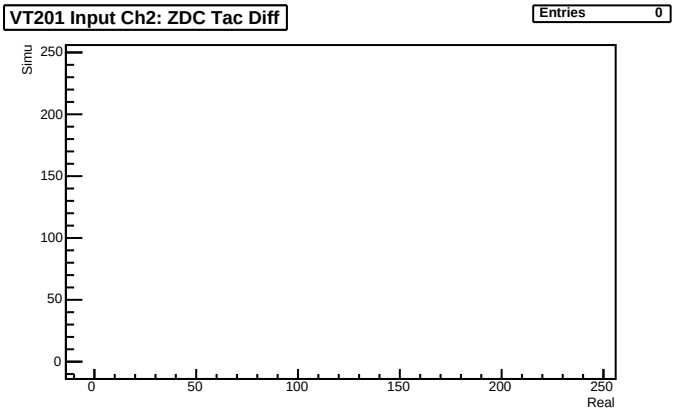

VT201 Input Ch1: EPD Tac Diff
Entries 292903
Tac

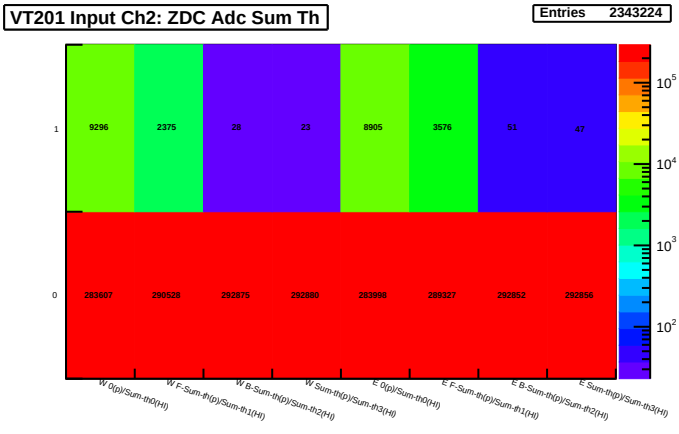

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

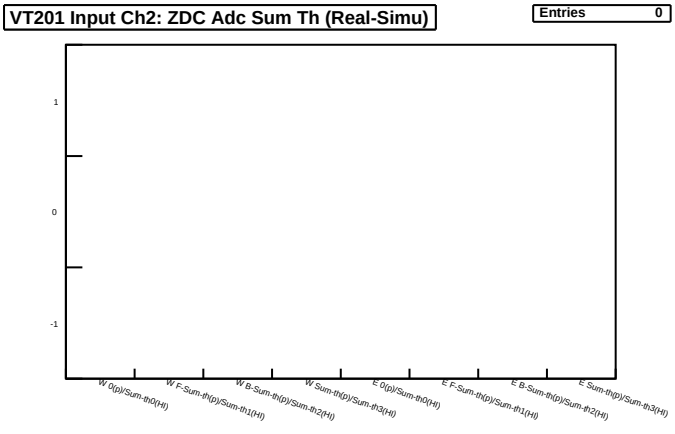

VT201 Input Ch1: EPD Hit Count Th
Entries 585806
287813
287578
5090
5325
East
West

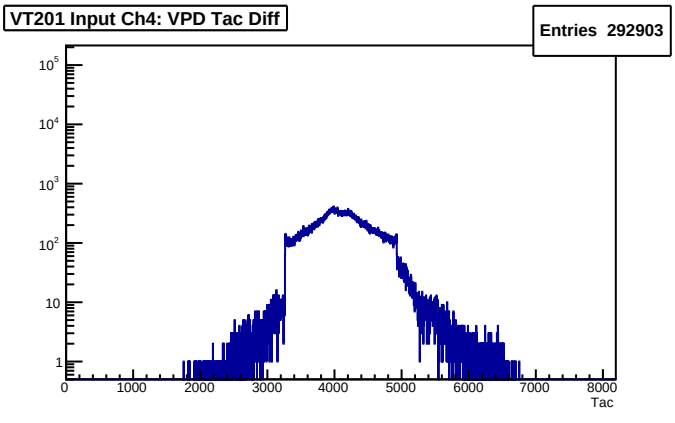

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

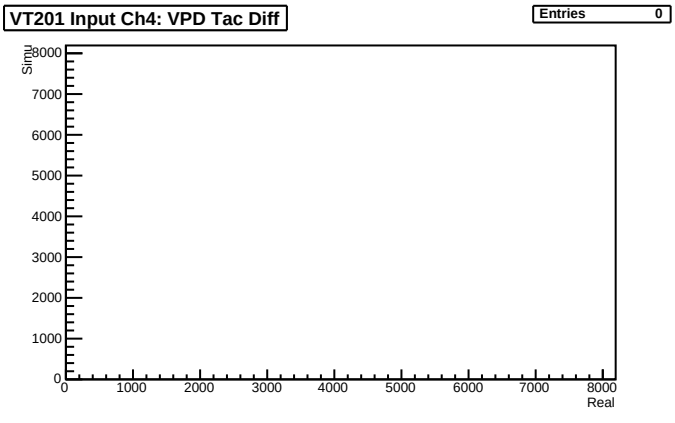

VT201 Input Ch2: ZDC Tac Diff
Entries 292903
Tac

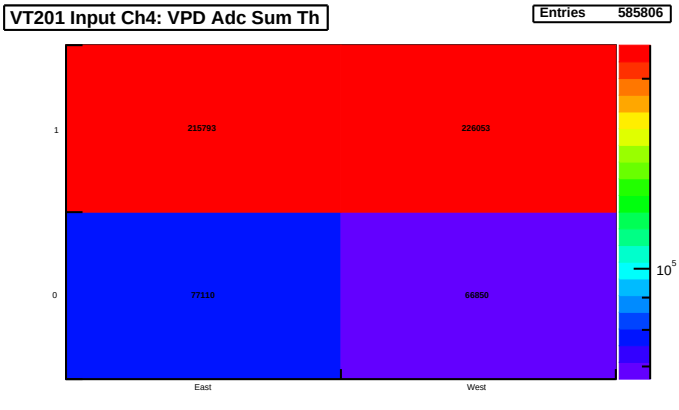

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

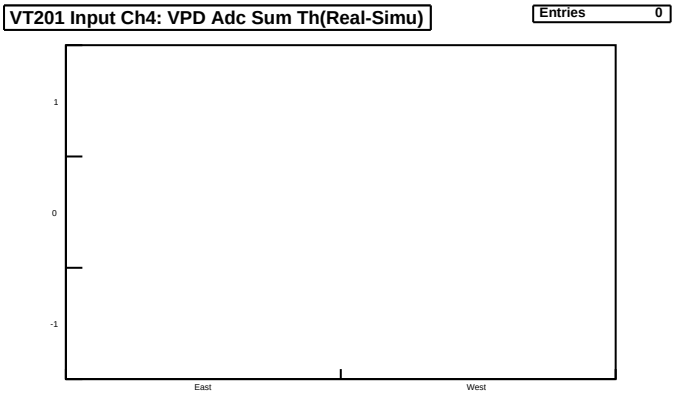

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2343224
9296
2375
28
23
8905
3576
51
47
283607
290528
292875
292880
283998
289327
292852
292856
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

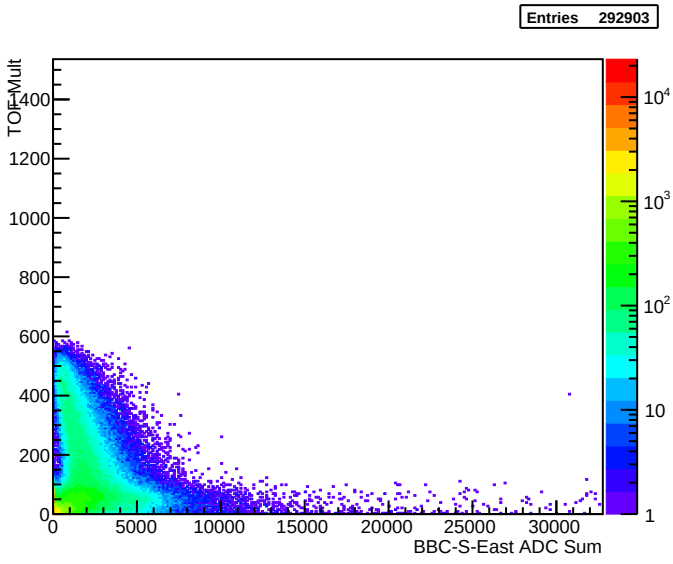

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

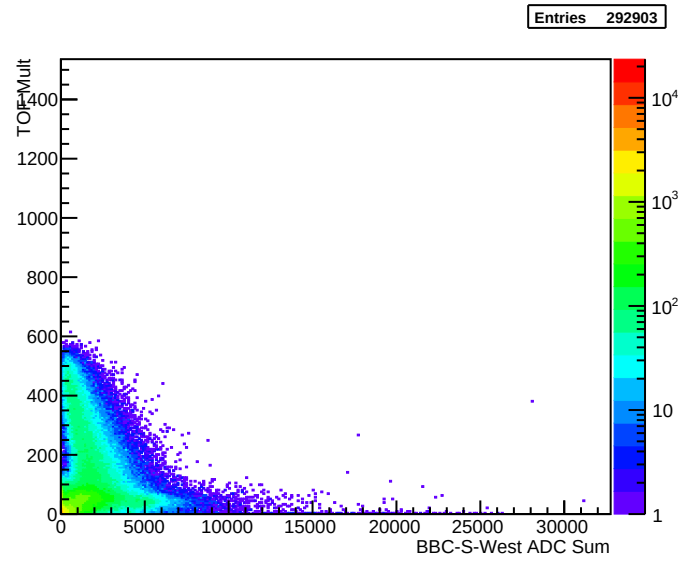

VT201 Input Ch4: VPD Tac Diff
Entries 292903
Tac

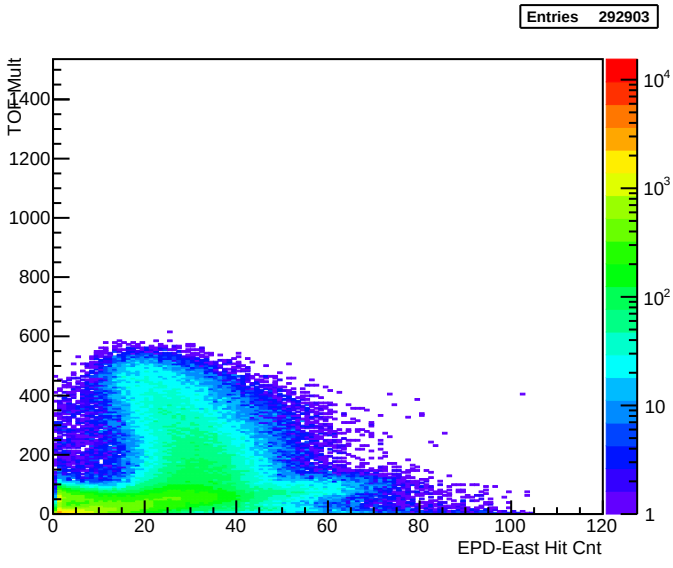

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

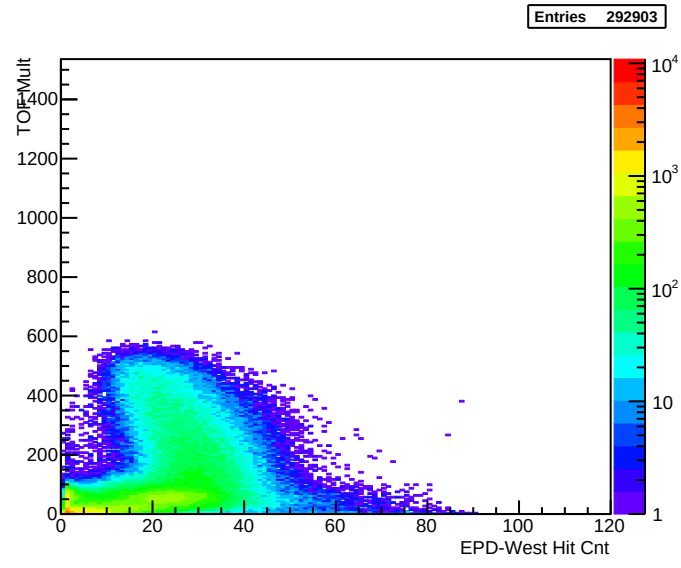

VT201 Input Ch4: VPD Adc Sum Th
Entries 585806
215793
220053
77110
66850
East
West

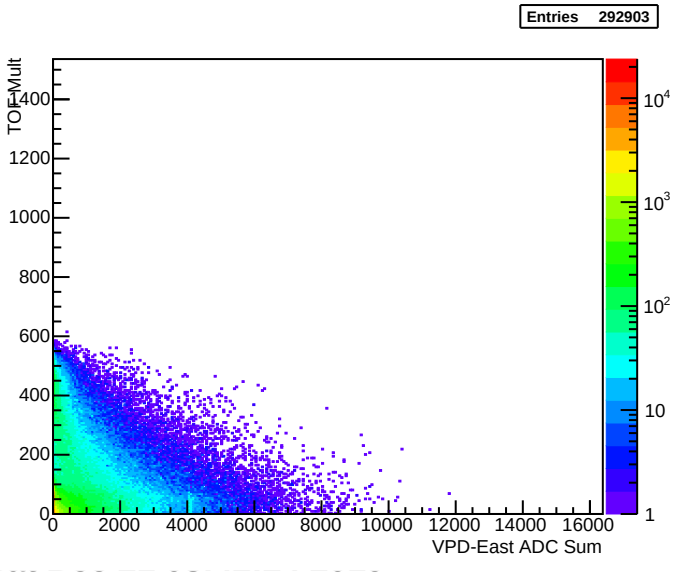

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

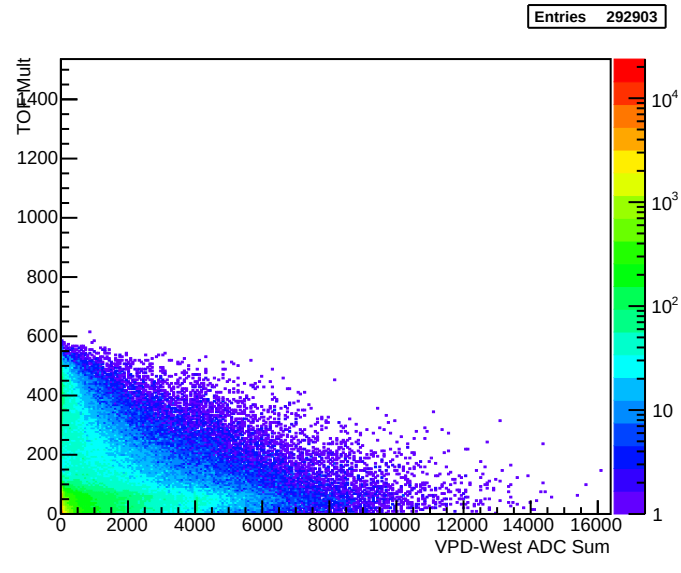

Entries 292903
TOF-Mult
BBC-S-East ADC Sum

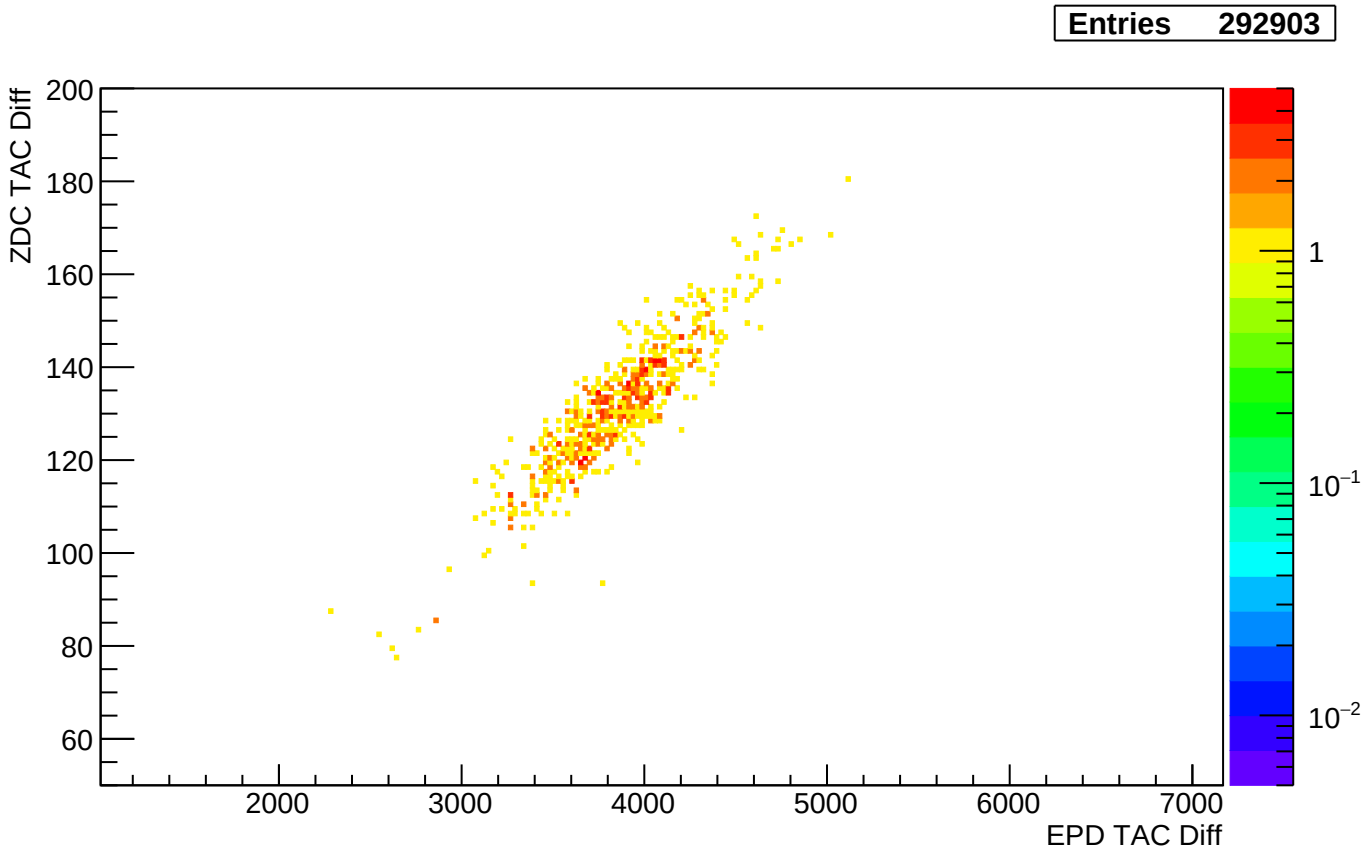

Entries 292903
TOF-Mult
BBC-S-West ADC Sum

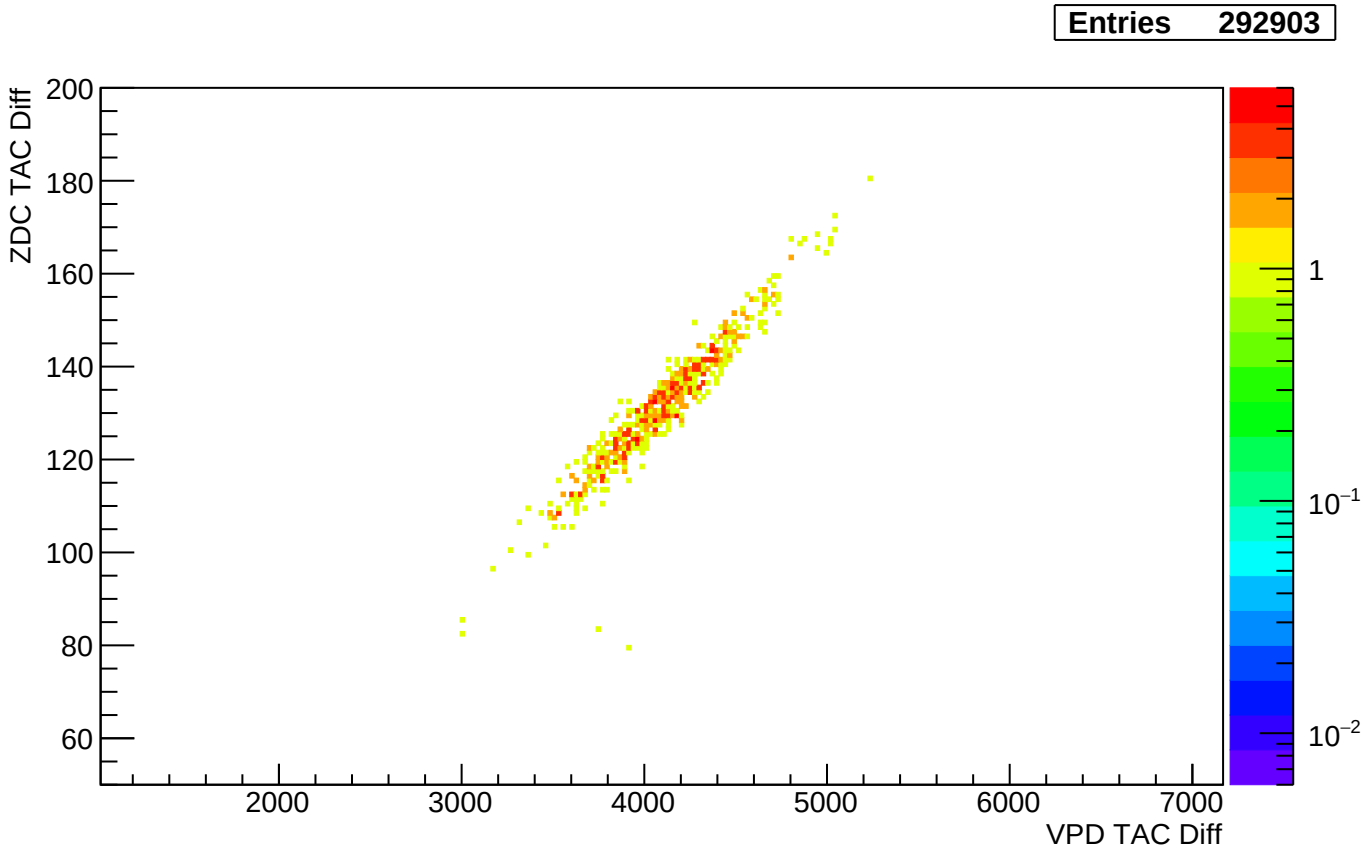

Entries 292903
TOF-Mult
EPD-East Hit Cnt

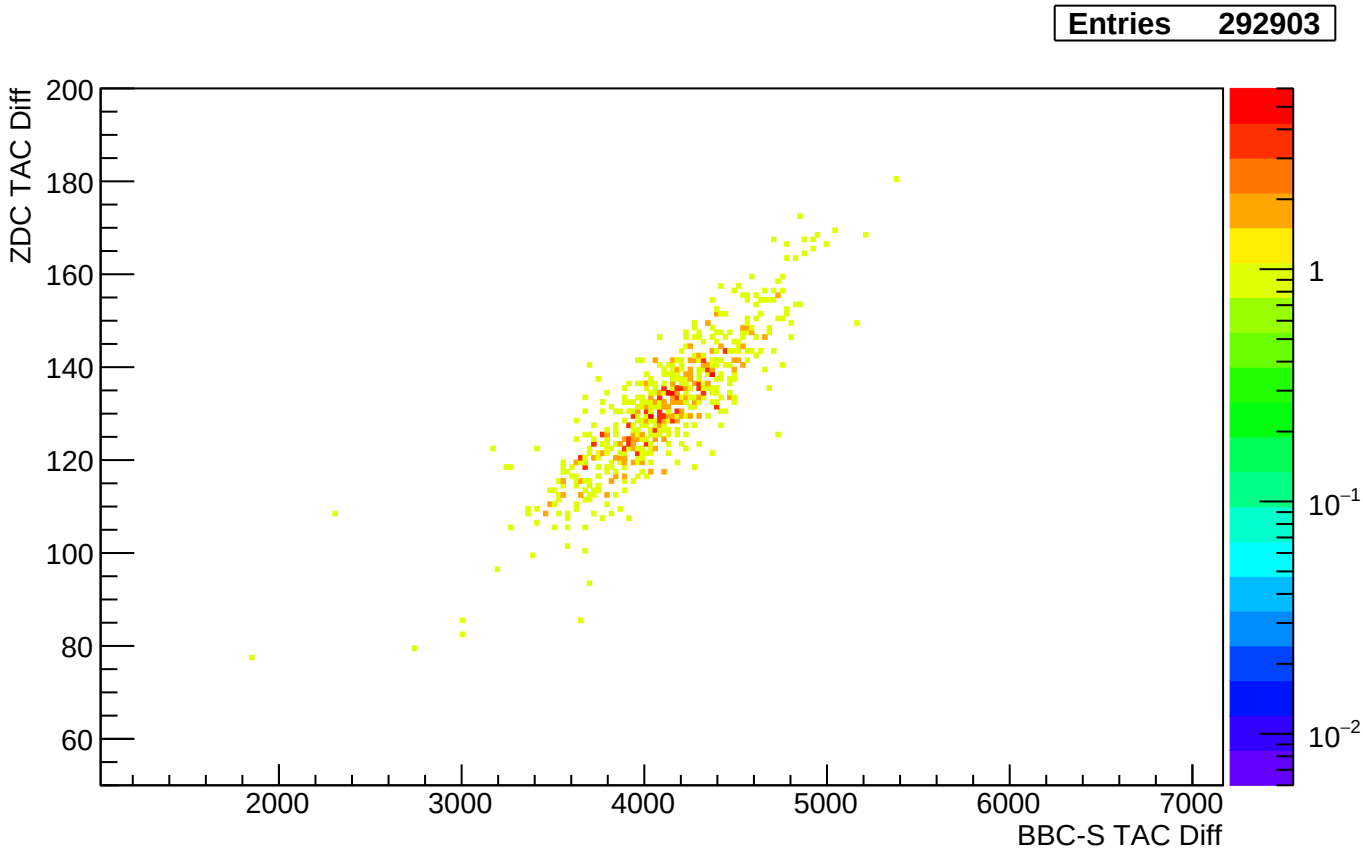

Entries 292903
TOF-Mult
EPD-West Hit Cnt

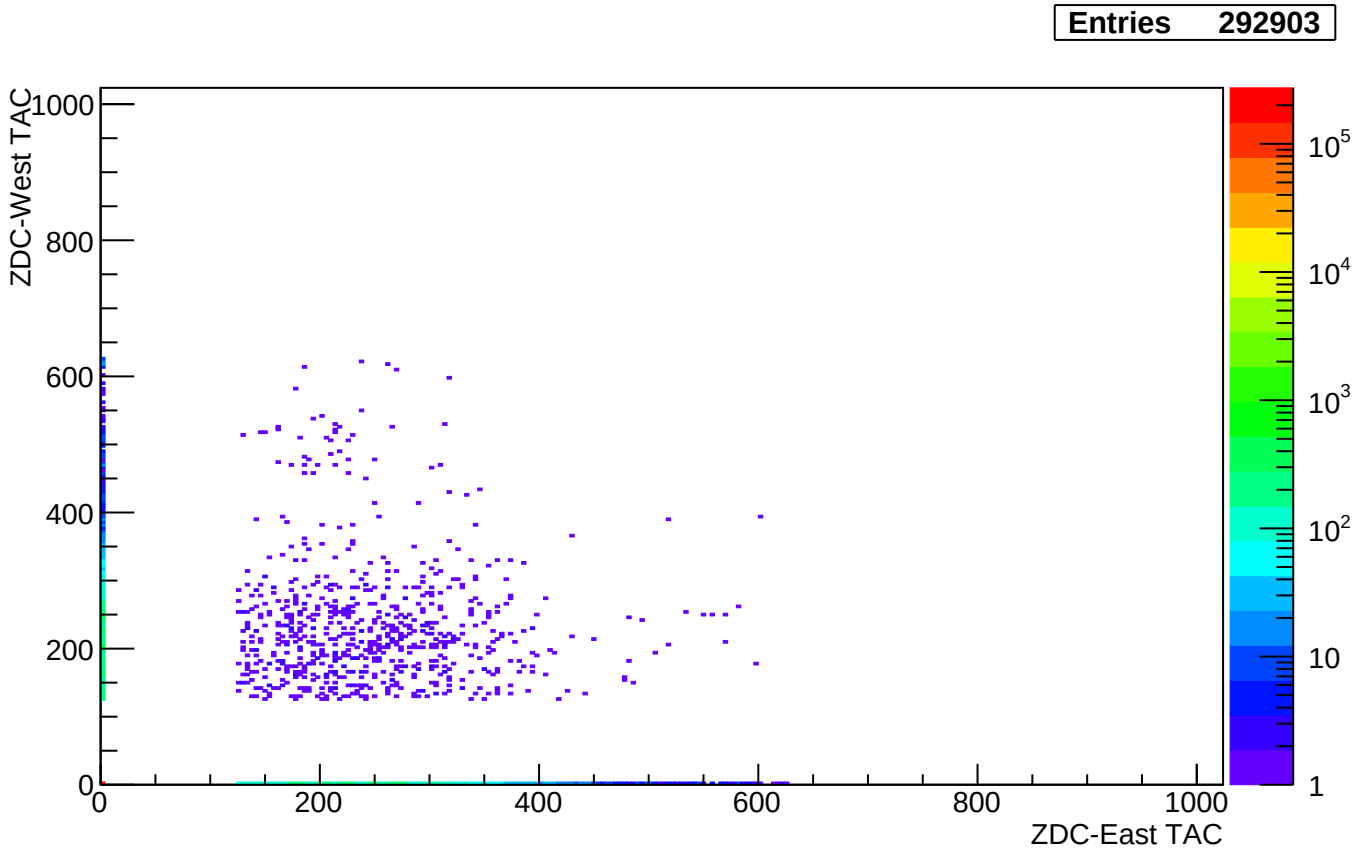

Entries 292903
TOF-Mult
VPD-East ADC Sum

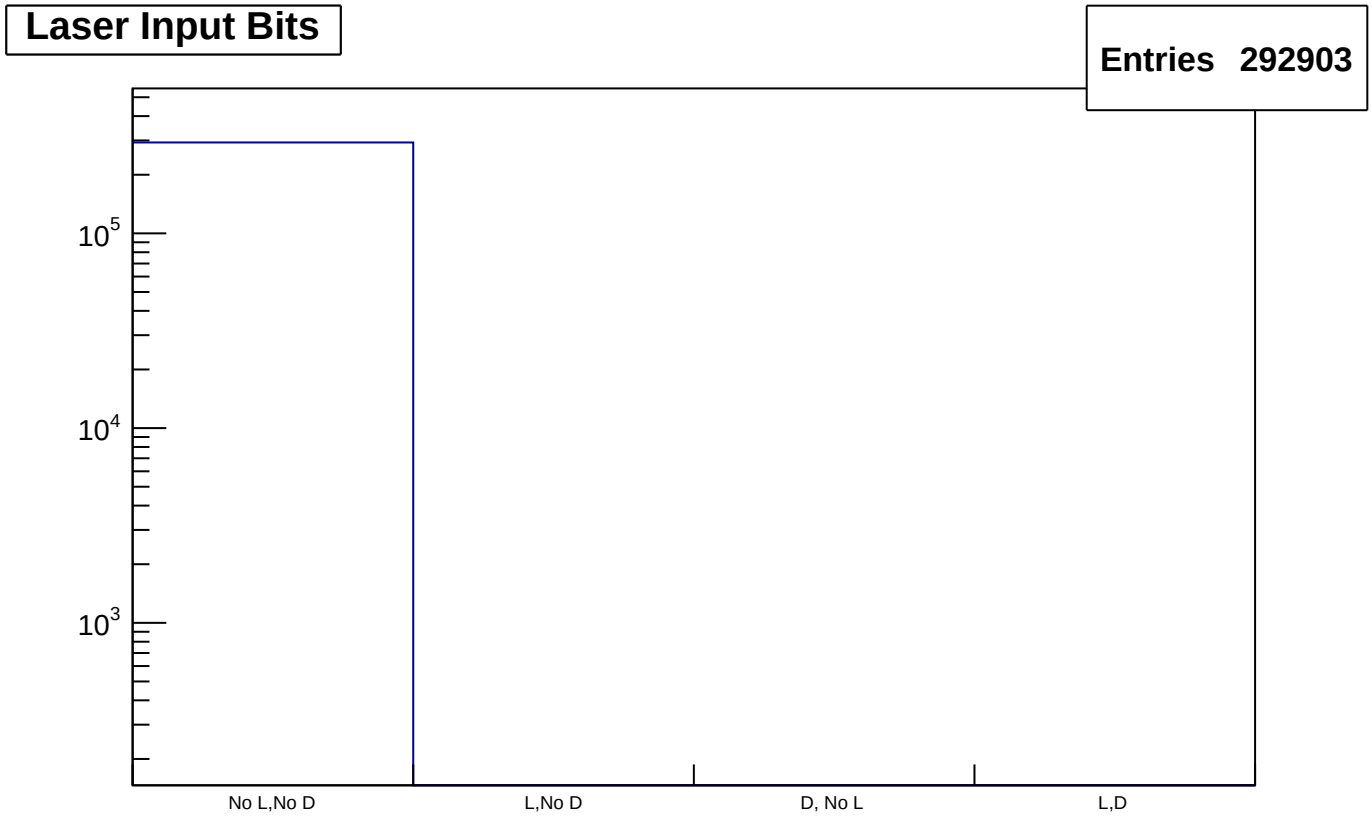

Entries 292903
TOF-Mult
VPD-West ADC Sum

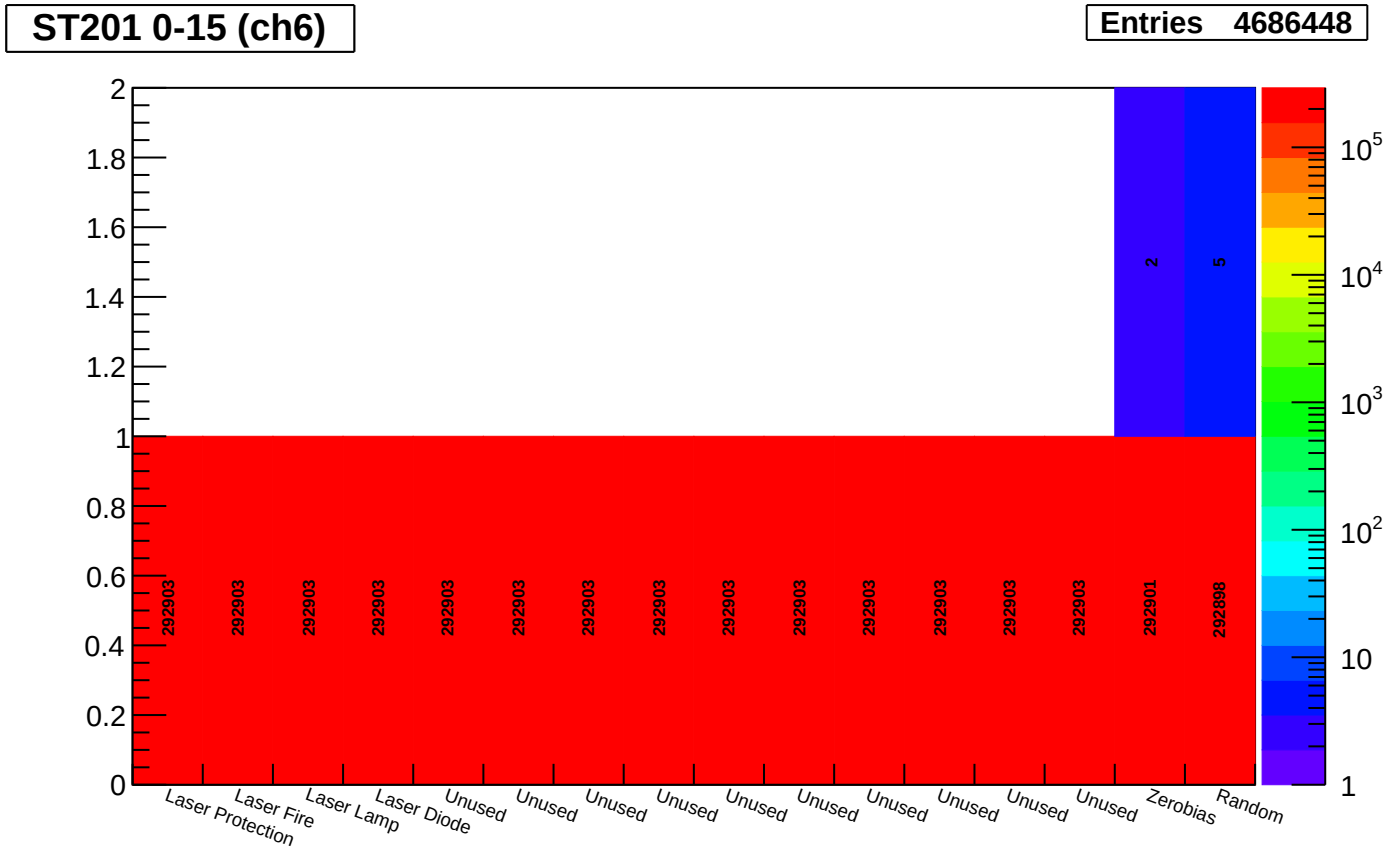

Entries 292903
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

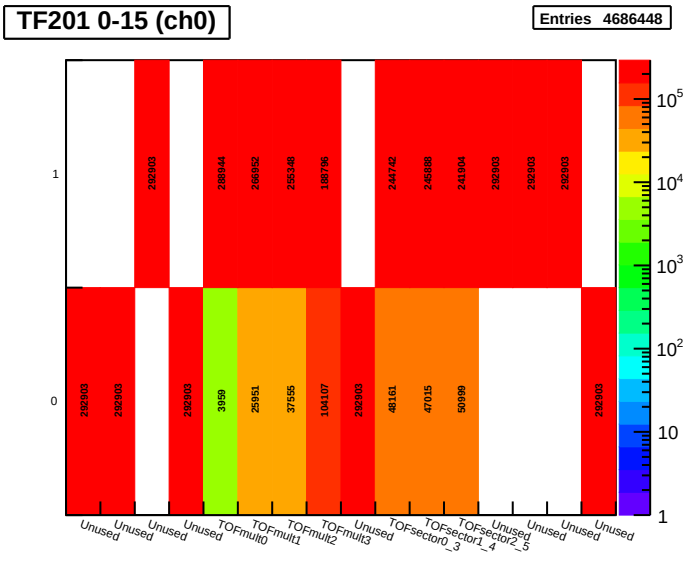

Entries 292903
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

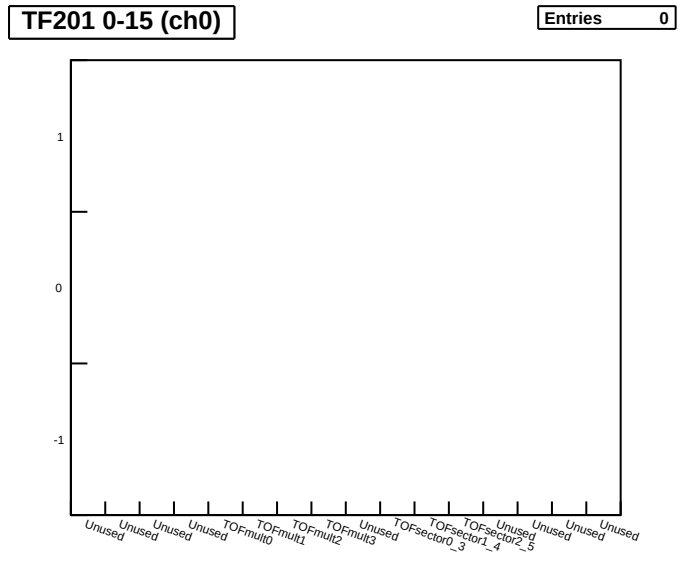

Entries 292903
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

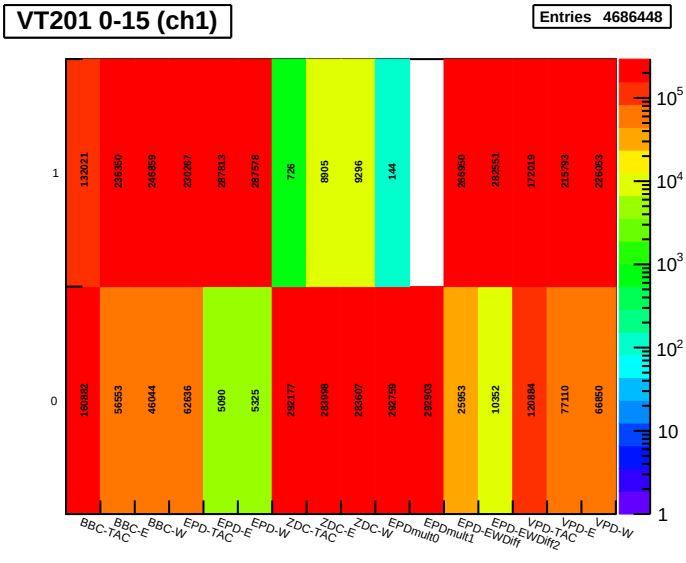

Entries 292903
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

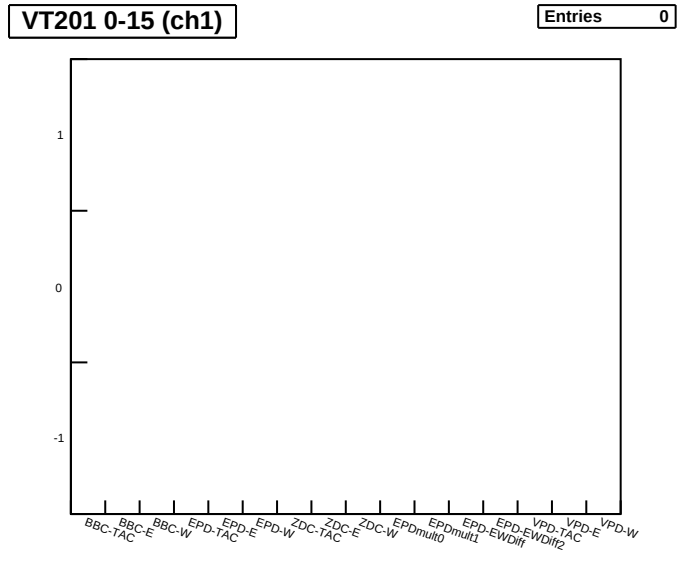

Laser Input Bits
Entries 292903
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

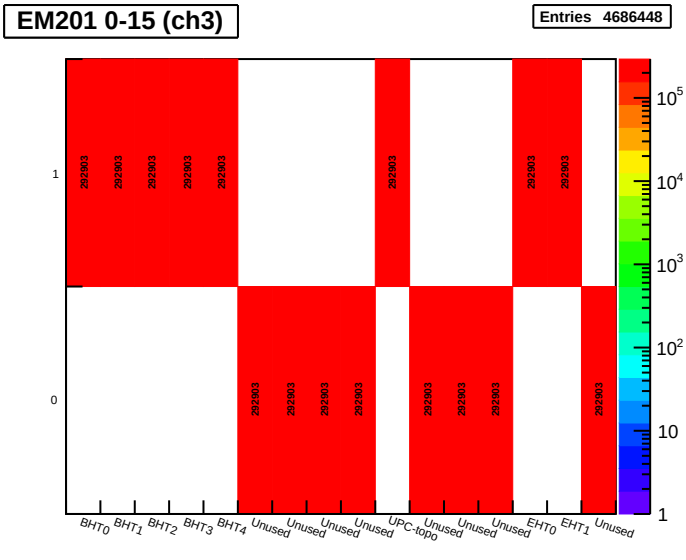

ST201 0-15 (ch6)
Entries 4686448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292901
292898
2
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

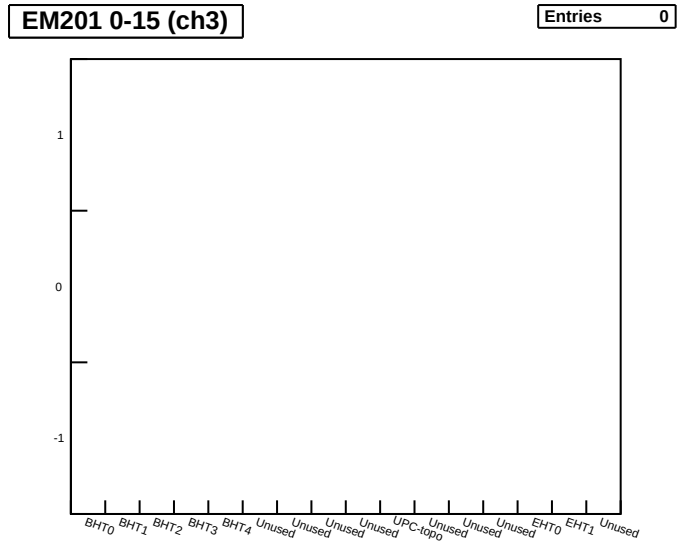

TF201 0-15 (ch0)
Entries 4686448
1
0
292903
292903
292903
292903
3959
25951
37555
104107
292903
48161
47015
50999
292903
292903
292903
292903
292903
292944
266952
255348
188796
244742
245888
241904
292903
292903
292903
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
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 4686448
1
0
132021
236350
246859
230267
287813
287578
726
8905
9296
144
266950
282551
172019
215793
226053
160882
56553
46044
62636
5090
5325
292177
283998
283607
292759
292903
25953
10352
120884
77110
66850
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 4686448
1
0
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
292903
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