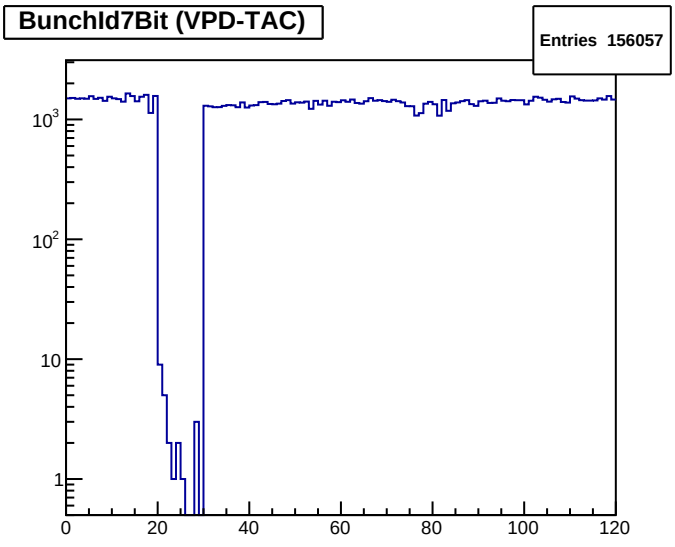
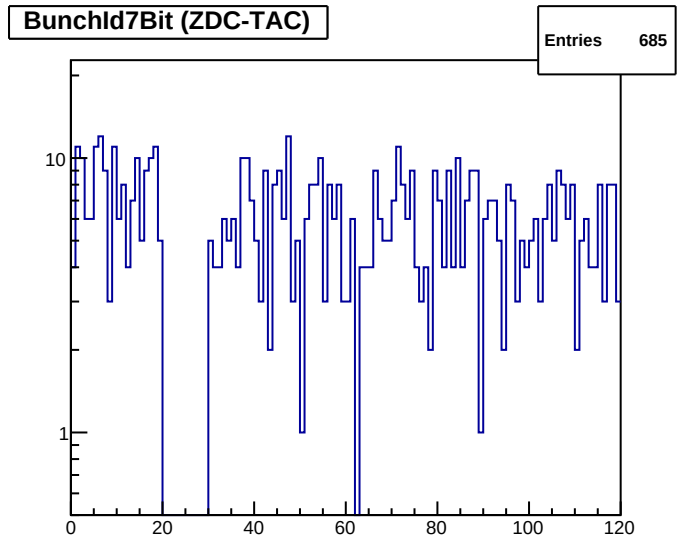
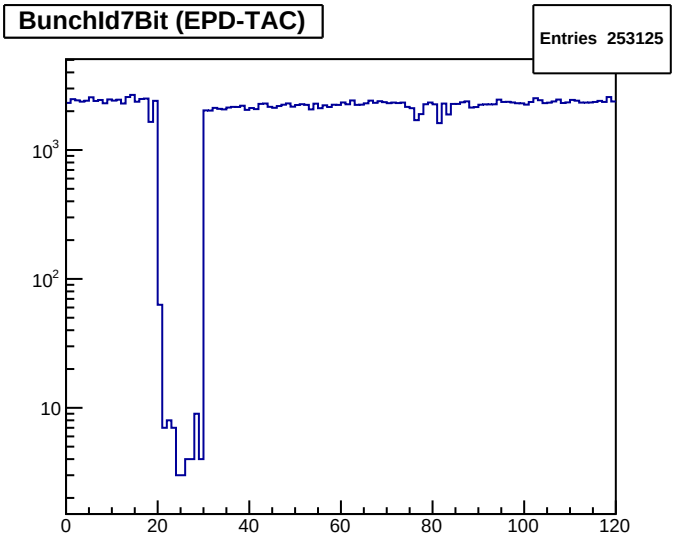
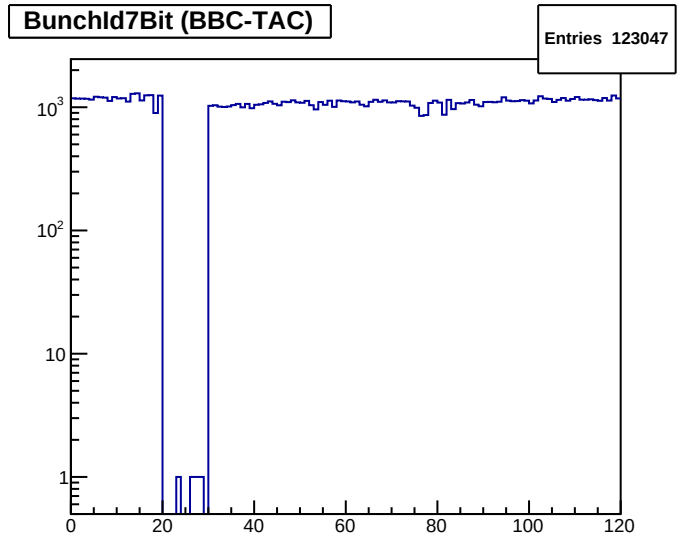
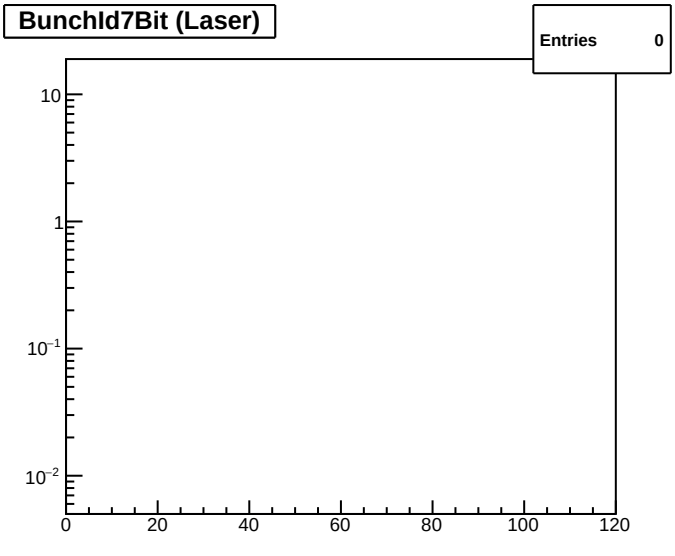
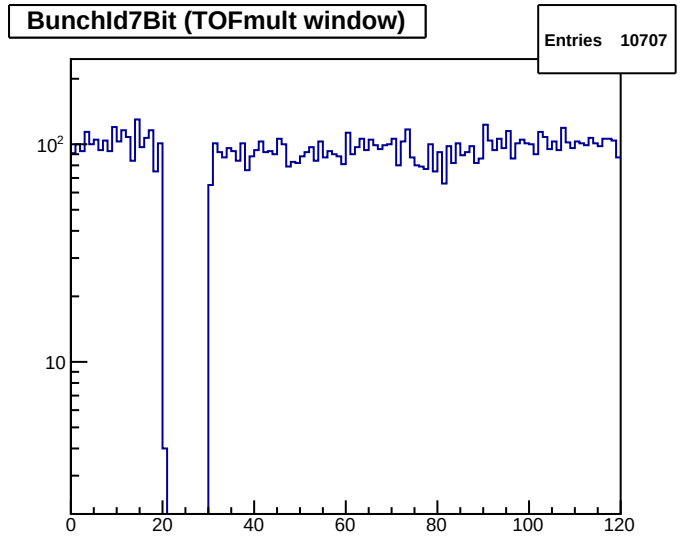

BunchId7Bit (VPD-TAC)
Entries 156057

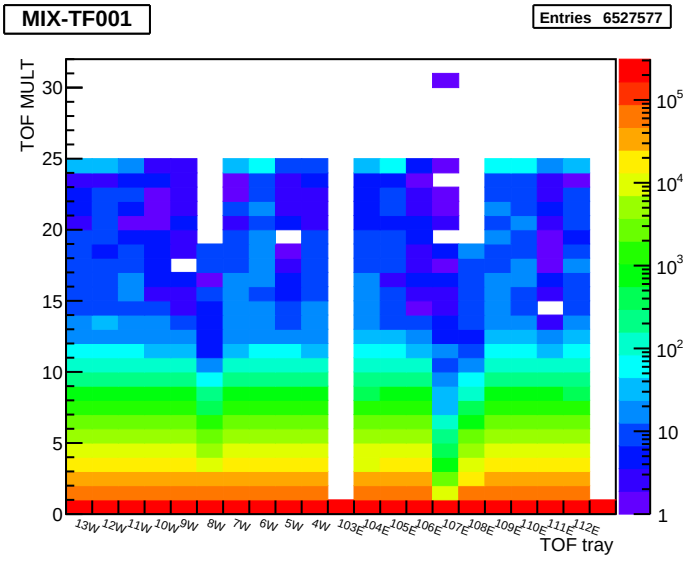

BunchId7Bit (ZDC-TAC)
Entries 685

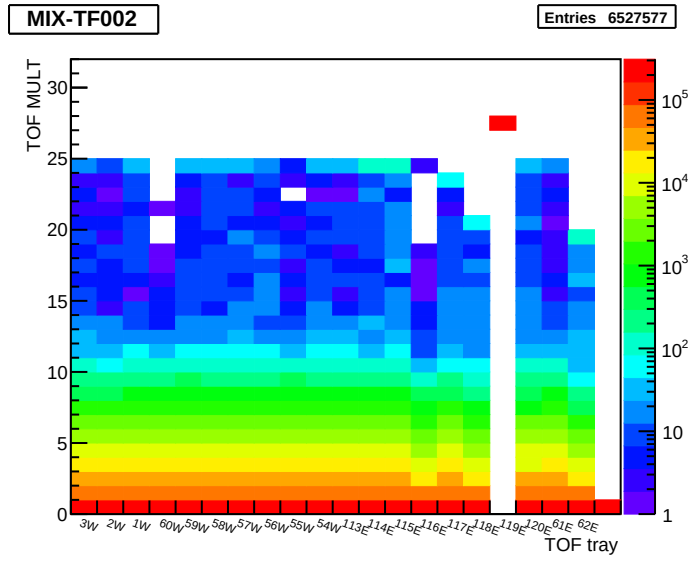

BunchId7Bit (EPD-TAC)
Entries 253125

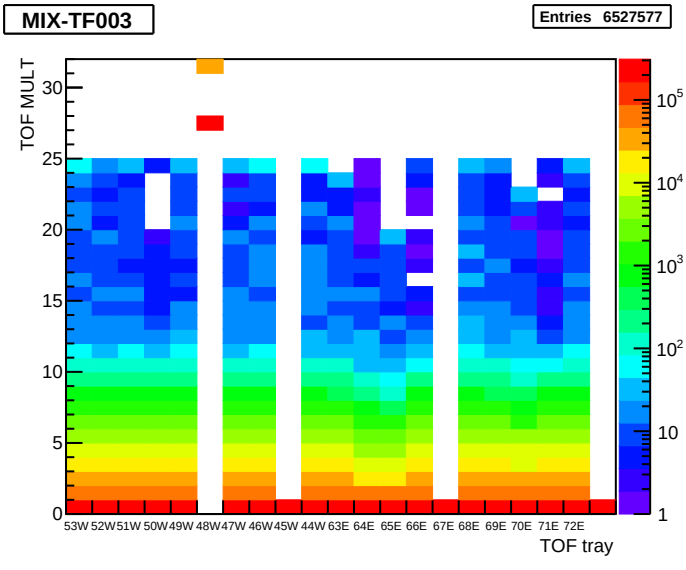

BunchId7Bit (BBC-TAC)
Entries 123047

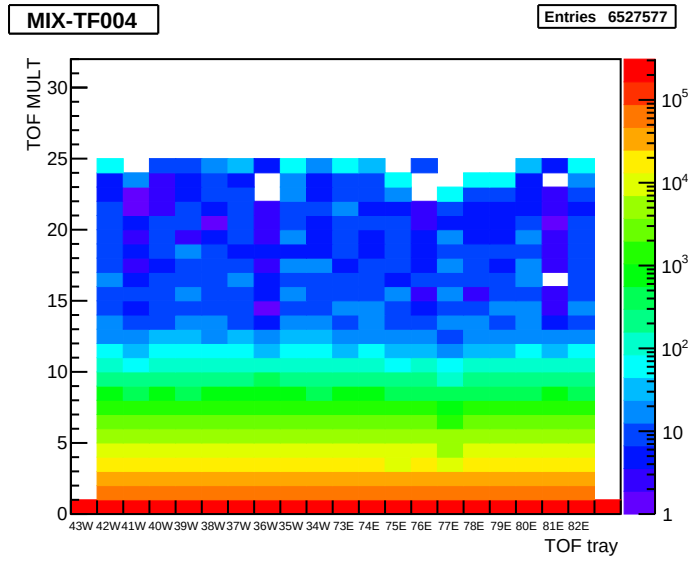

BunchId7Bit (Laser)
Entries 0

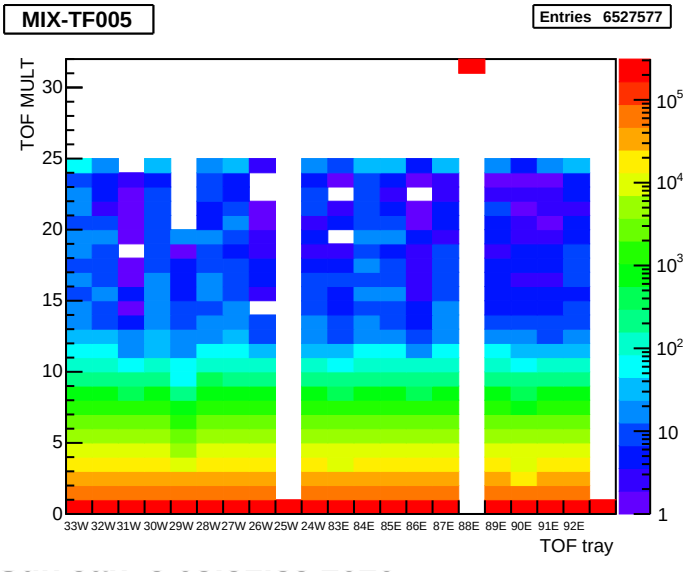

BunchId7Bit (TOFmult window)
Entries 10707

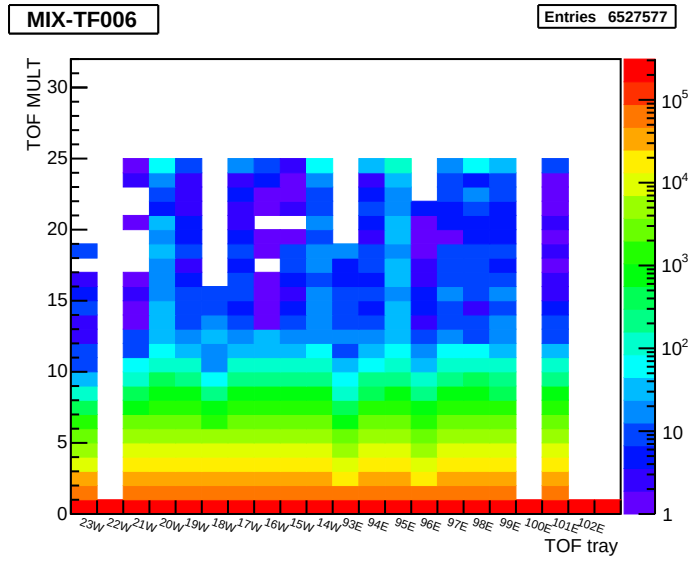

MIX-TF001
Entries 6527577
TOF MULT
TOF tray

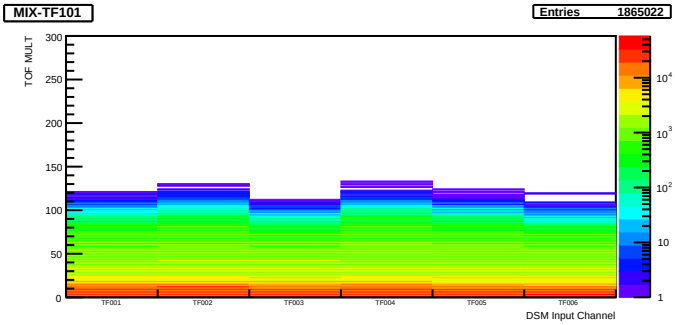

MIX-TF002
Entries 6527577
TOF MULT
TOF tray

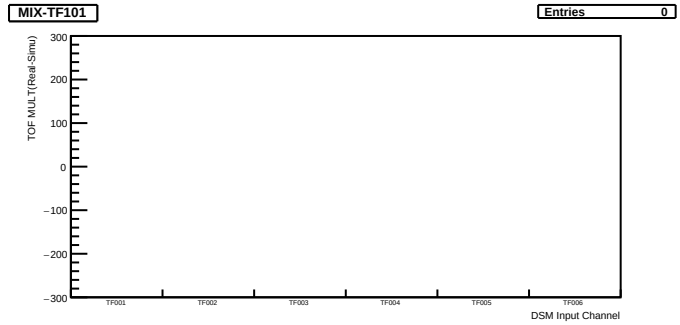

MIX-TF003
Entries 6527577
TOF MULT
TOF tray

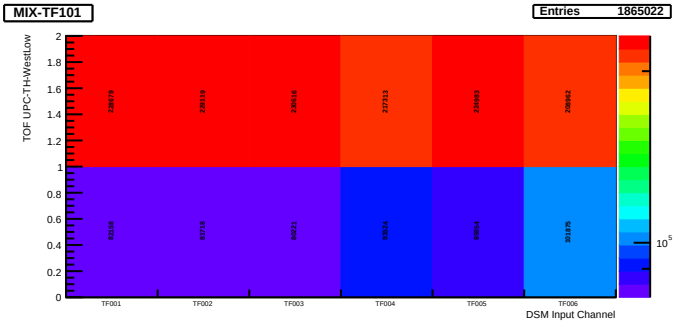

MIX-TF004
Entries 6527577
TOF MULT
TOF tray

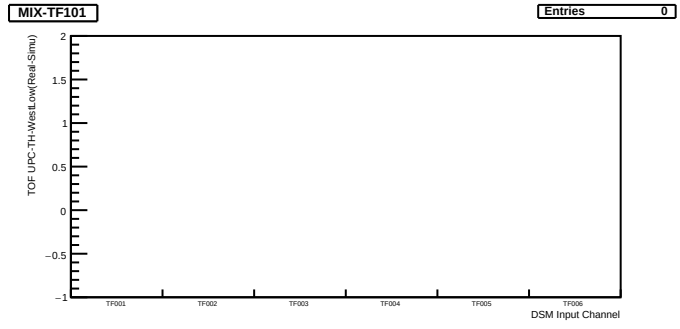

MIX-TF005
Entries 6527577
TOF MULT
TOF tray

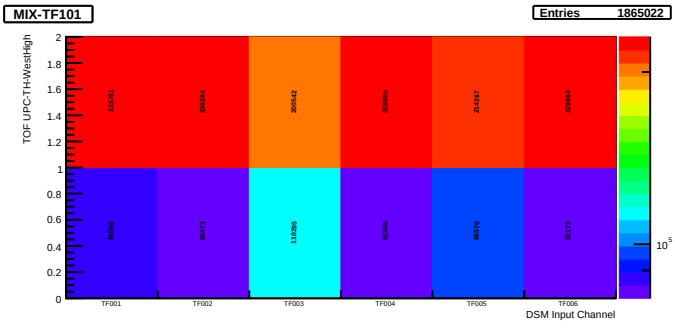

MIX-TF006
Entries 6527577
TOF MULT
TOF tray

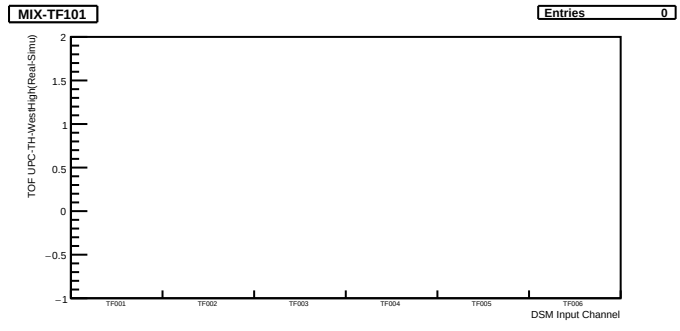

MIX-TF101
Entries 1865022
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

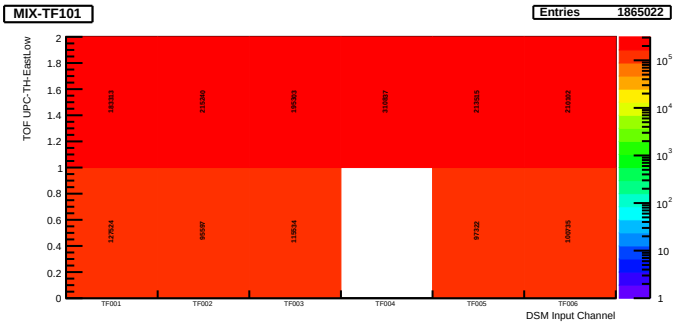

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

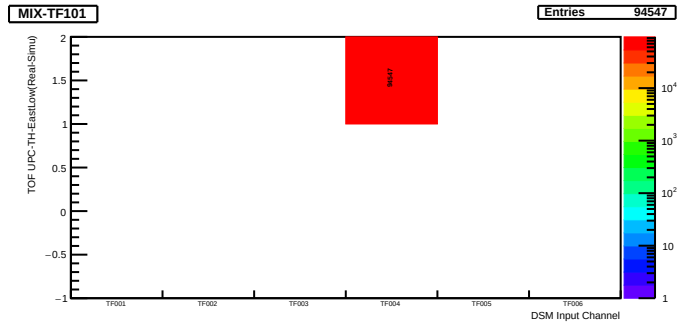

MIX-TF101
Entries 1865022
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

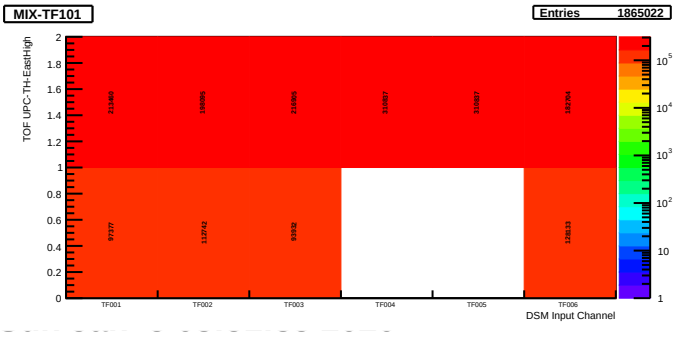

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

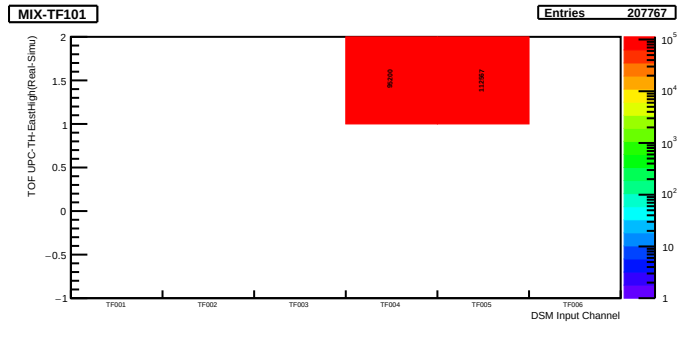

MIX-TF101
Entries 1865022
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

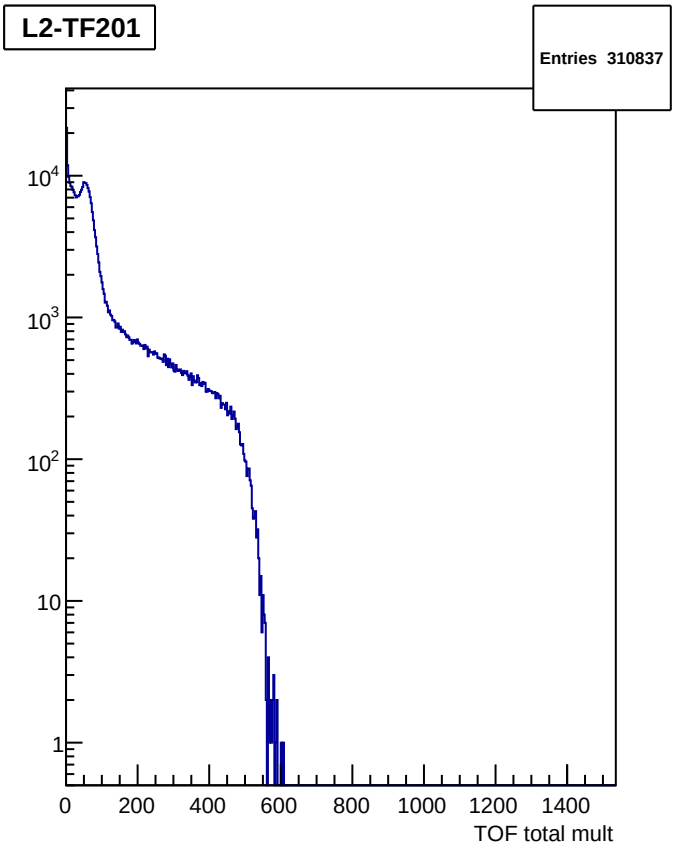

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

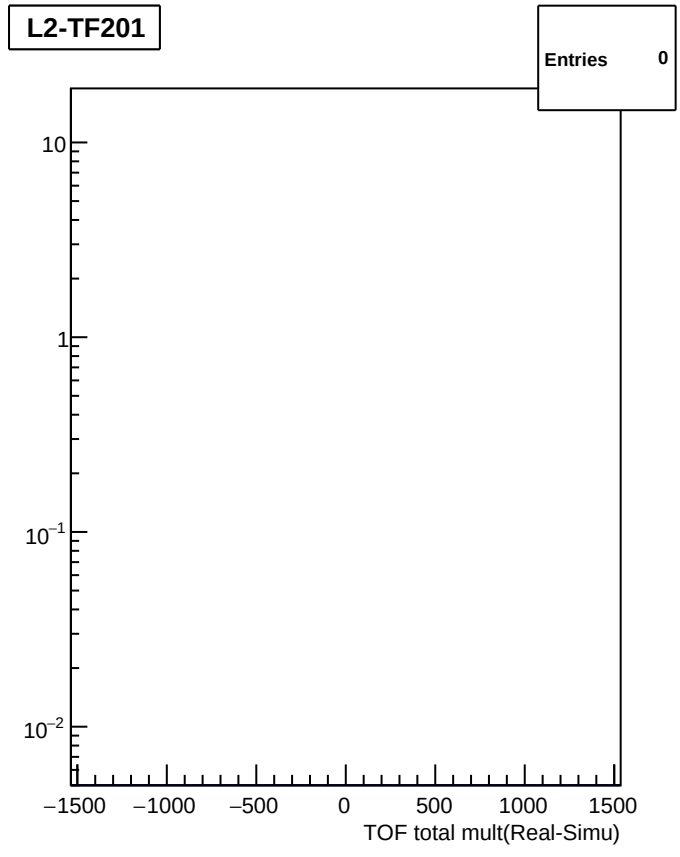

MIX-TF101
Entries 1865022
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

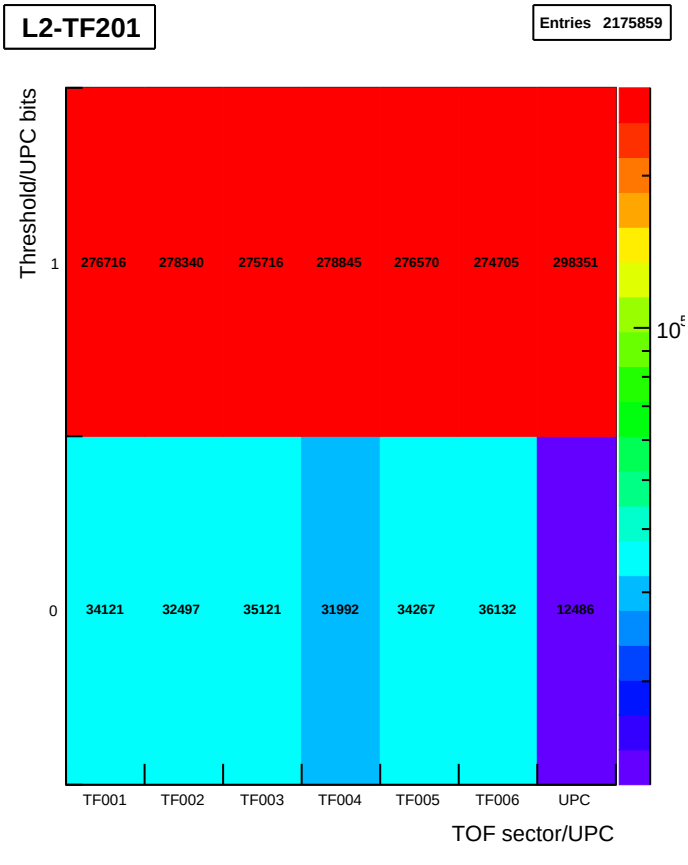

MIX-TF101
Entries 94547
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

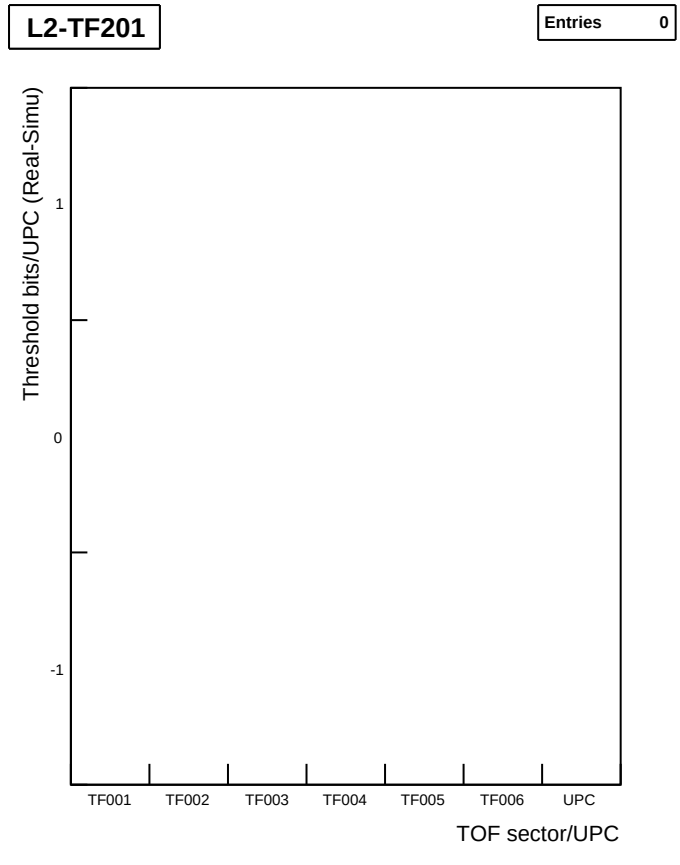

MIX-TF101
Entries 1865022
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

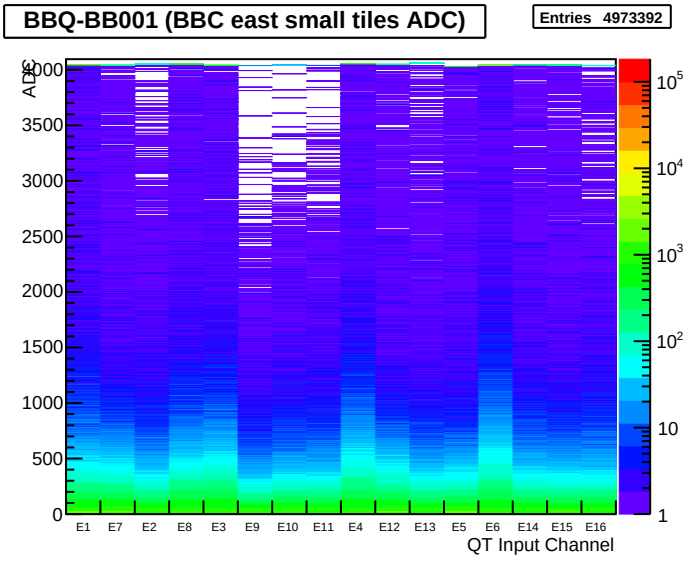

MIX-TF101
Entries 207767
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

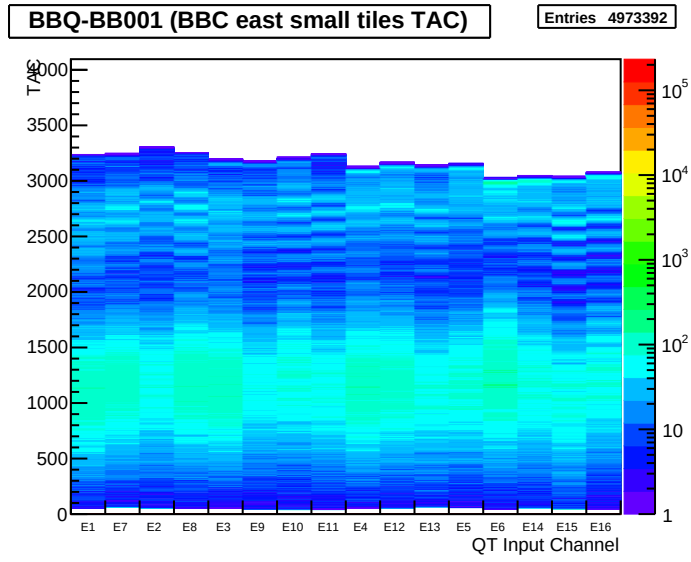

L2-TF201
Entries 310837
TOF total mult

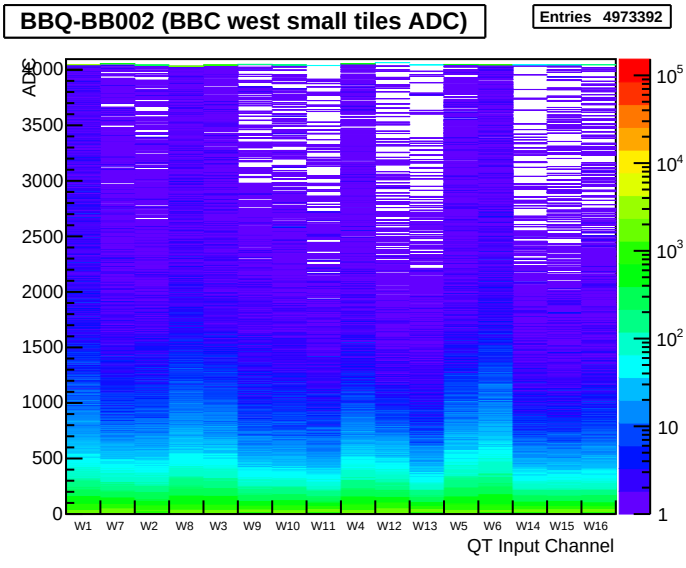

L2-TF201
Entries 0
TOF total mult(Real-Simu)

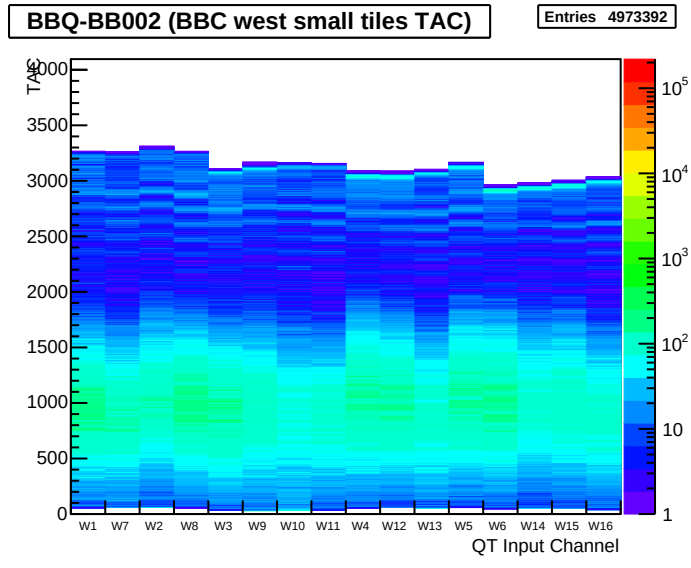

L2-TF201
Entries 2175859
Threshold/UPC bits
276716
278340
275716
278845
276570
274705
298351
34121
32497
35121
31992
34267
36132
12486
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

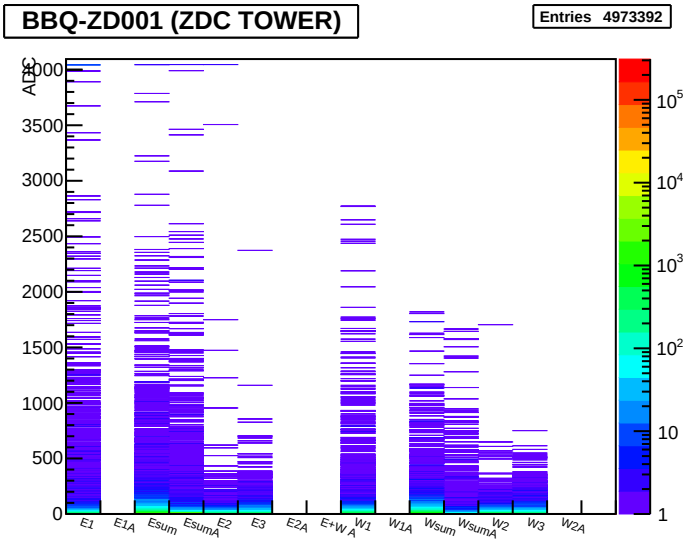

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

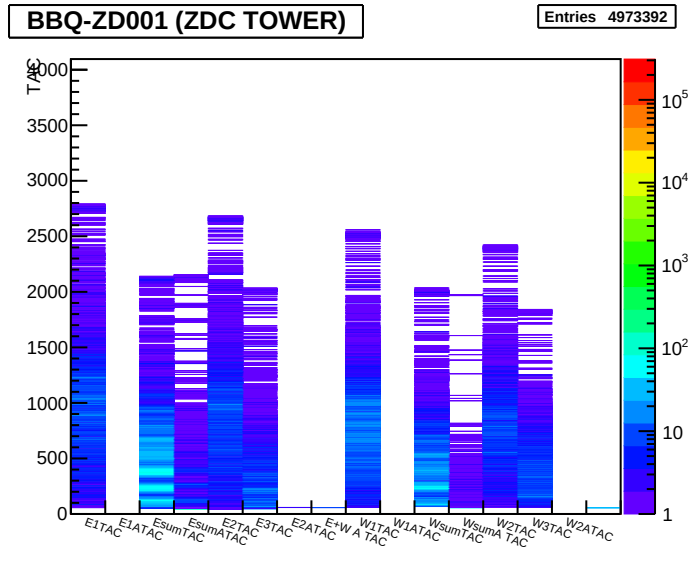

BBQ-BB001 (BBC east small tiles ADC)
Entries 4973392
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

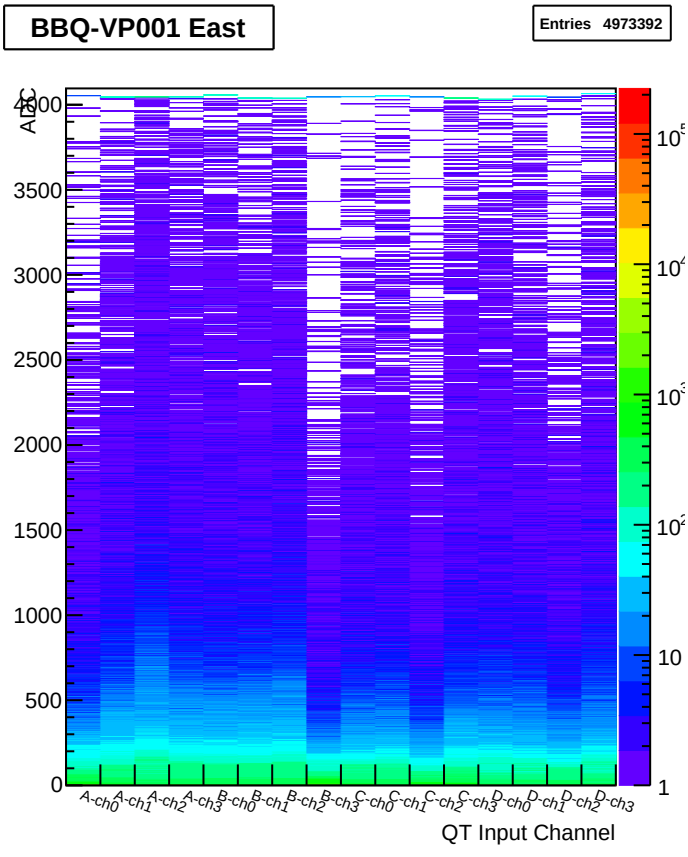

BBQ-BB001 (BBC east small tiles TAC)
Entries 4973392
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

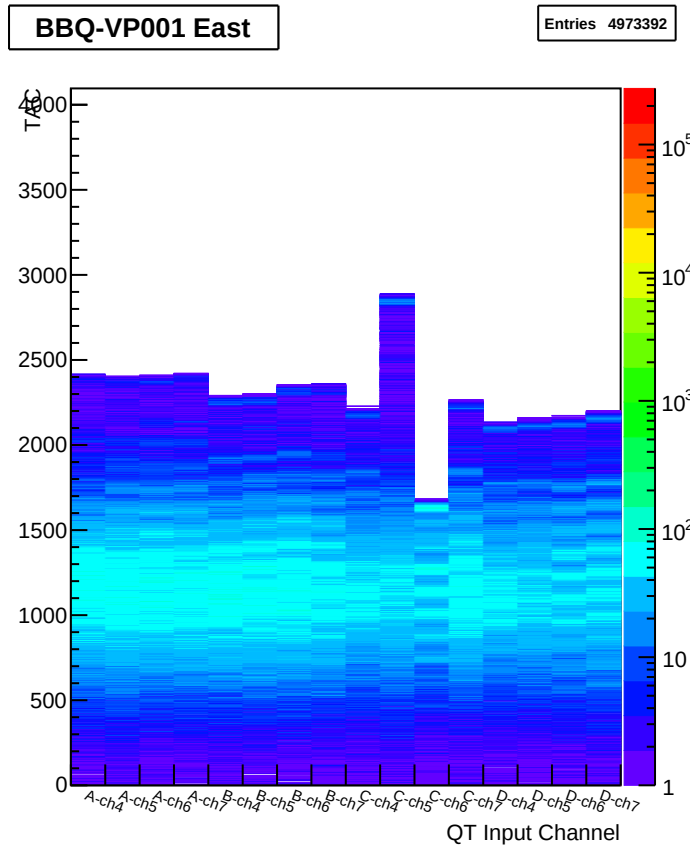

BBQ-BB002 (BBC west small tiles ADC)
Entries 4973392
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

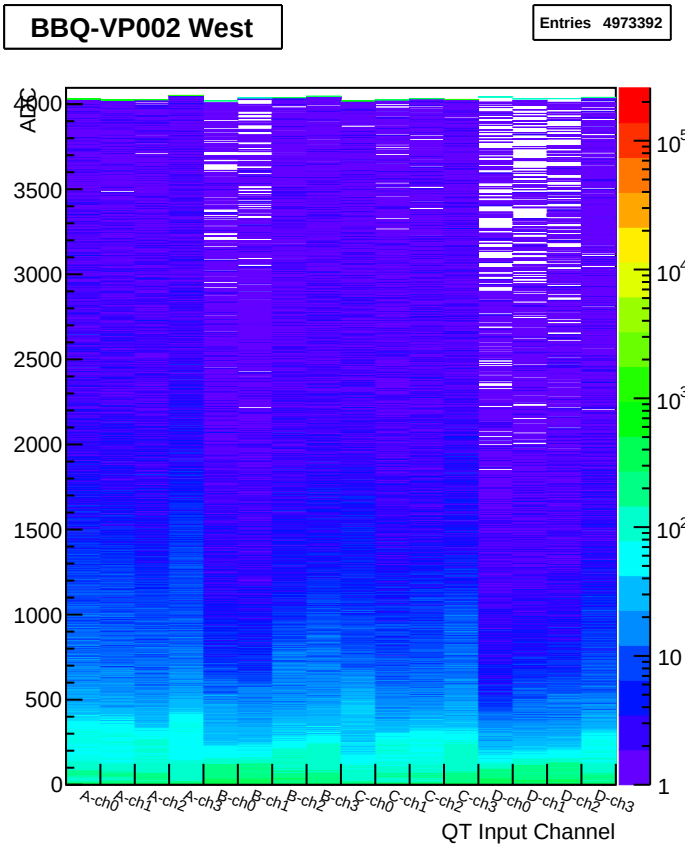

BBQ-BB002 (BBC west small tiles TAC)
Entries 4973392
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

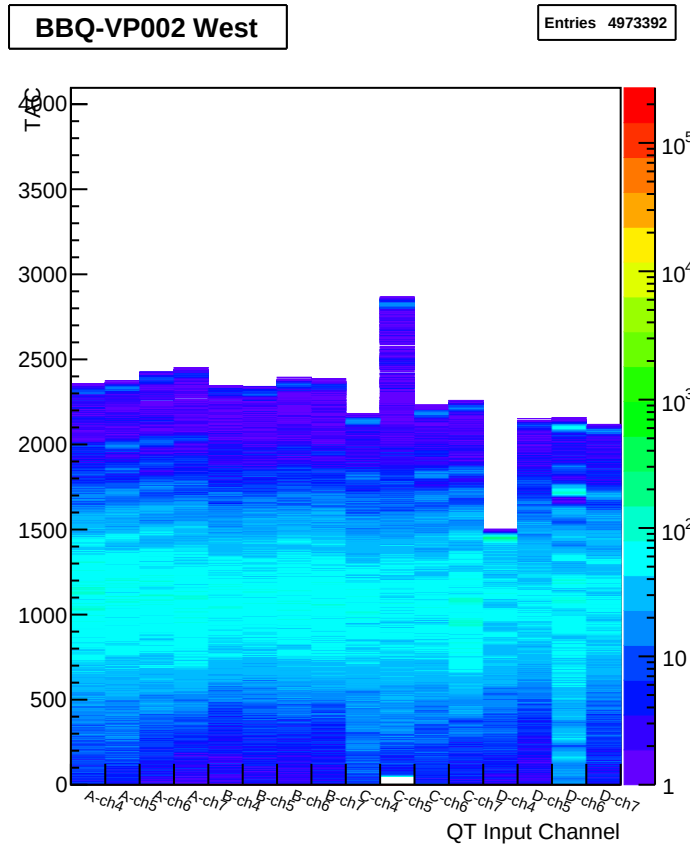

BBQ-ZD001 (ZDC TOWER)
Entries 4973392
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

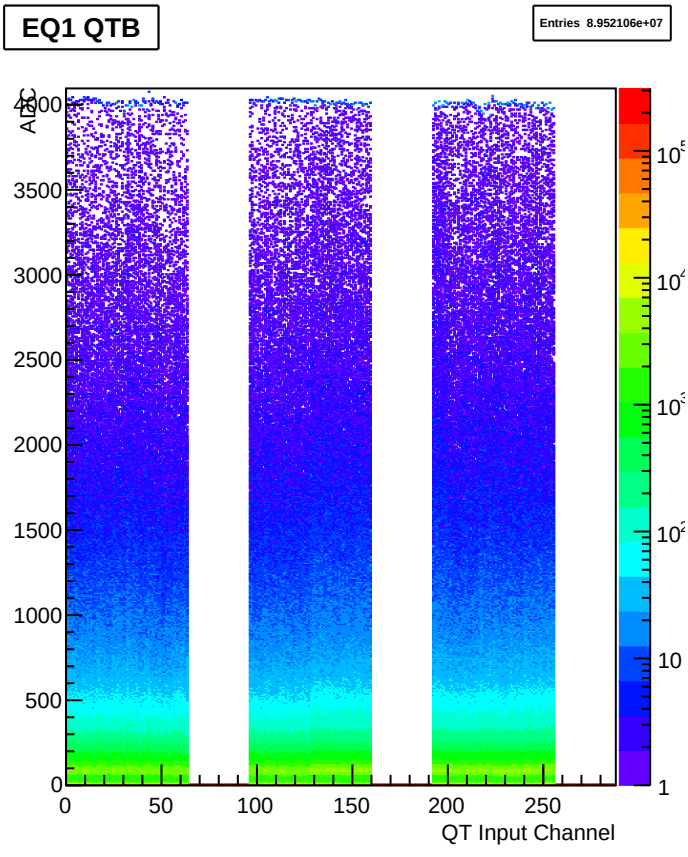

BBQ-ZD001 (ZDC TOWER)
Entries 4973392
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

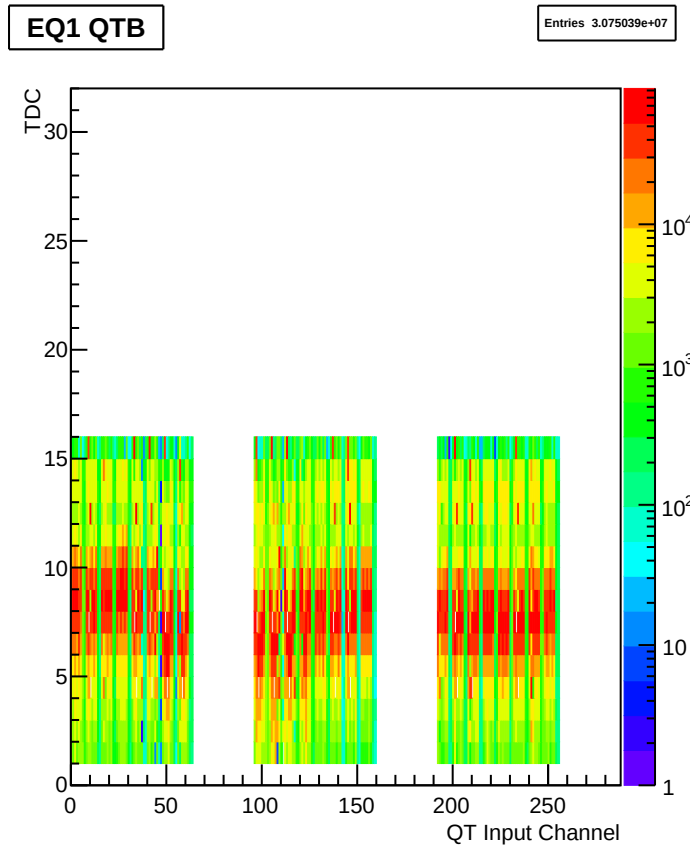

BBQ-VP001 East
Entries 4973392
ADC
QT Input Channel

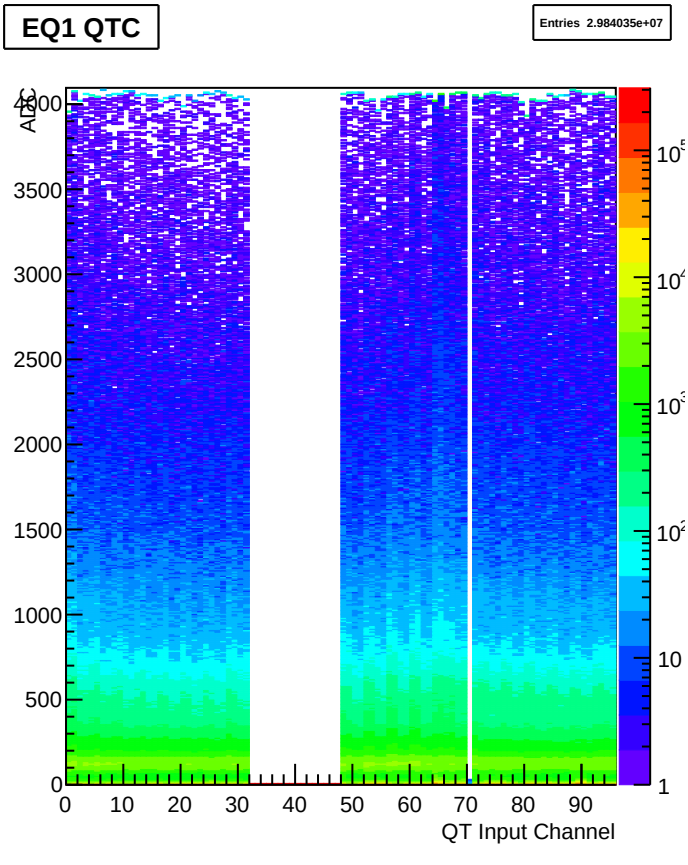

BBQ-VP001 East
Entries 4973392
TADC
QT Input Channel

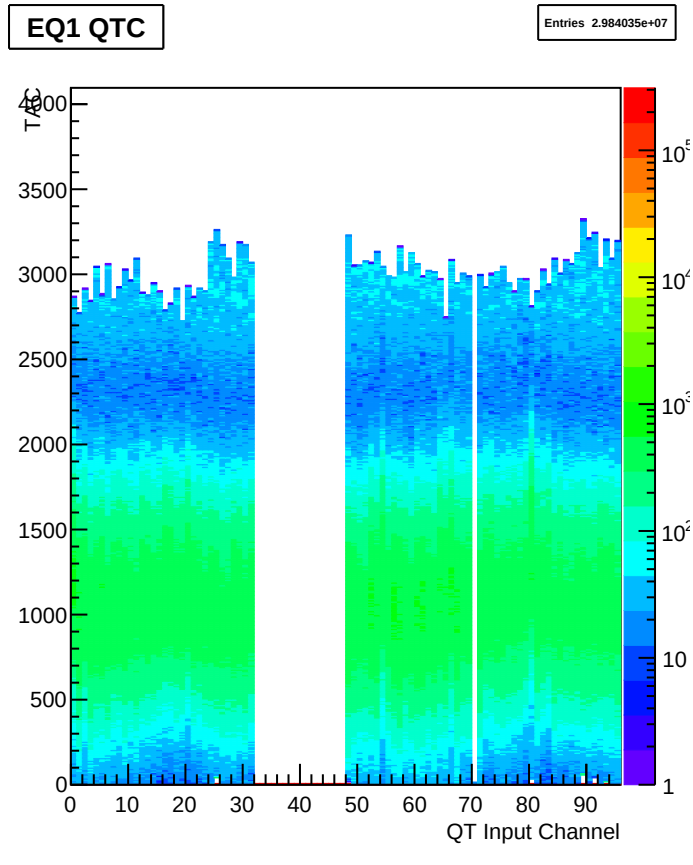

BBQ-VP002 West
Entries 4973392
ADC
QT Input Channel

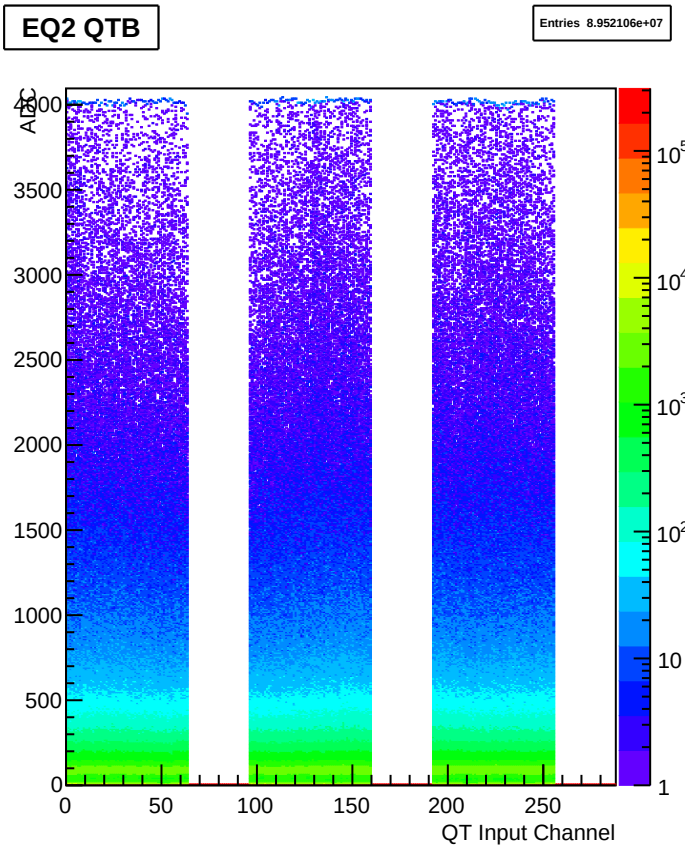

BBQ-VP002 West
Entries 4973392
TADC
QT Input Channel

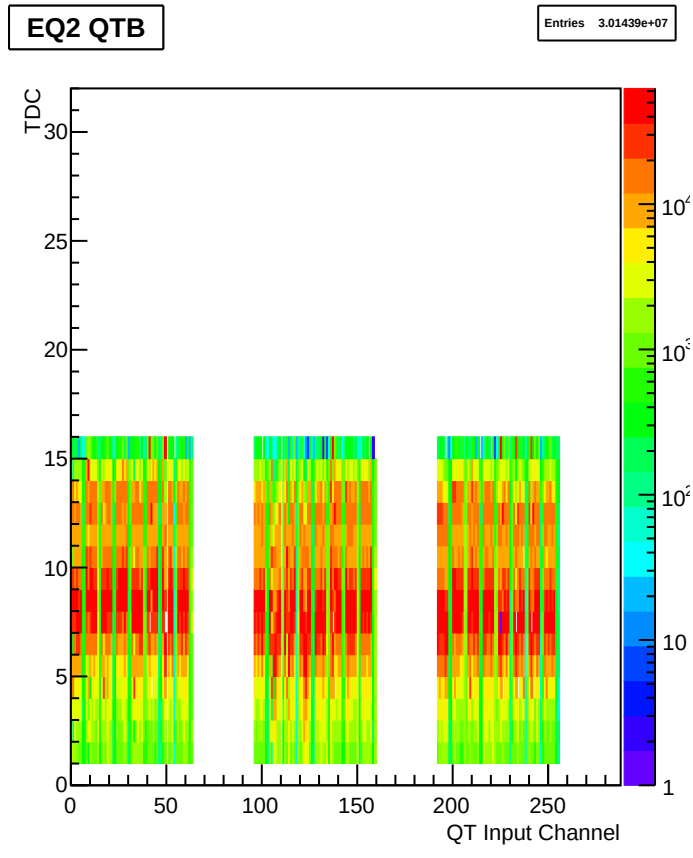

EQ1 QTB
Entries 8.952106e+07
ADC
QT Input Channel

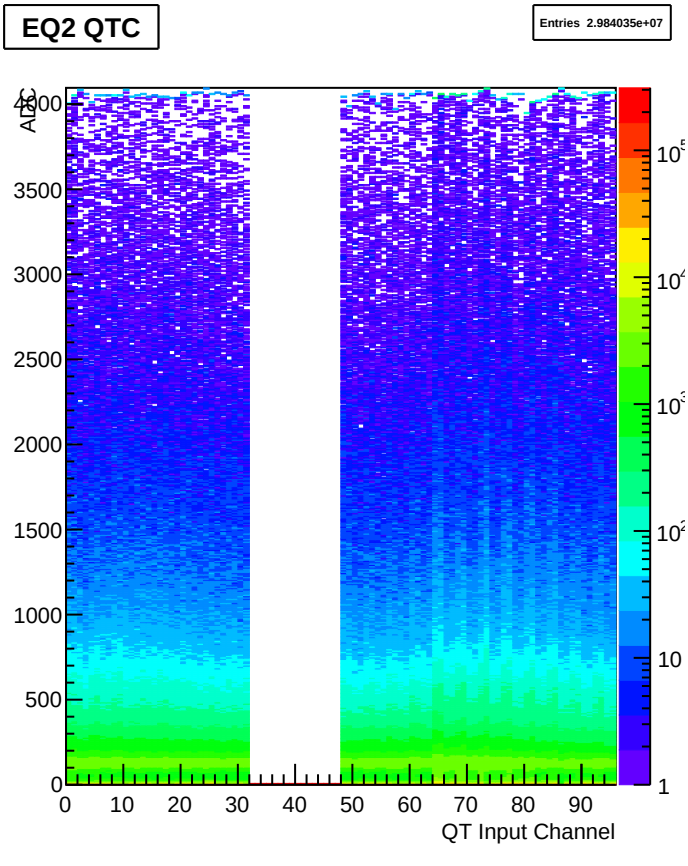

EQ1 QTB
Entries 3.075039e+07
TDC
QT Input Channel

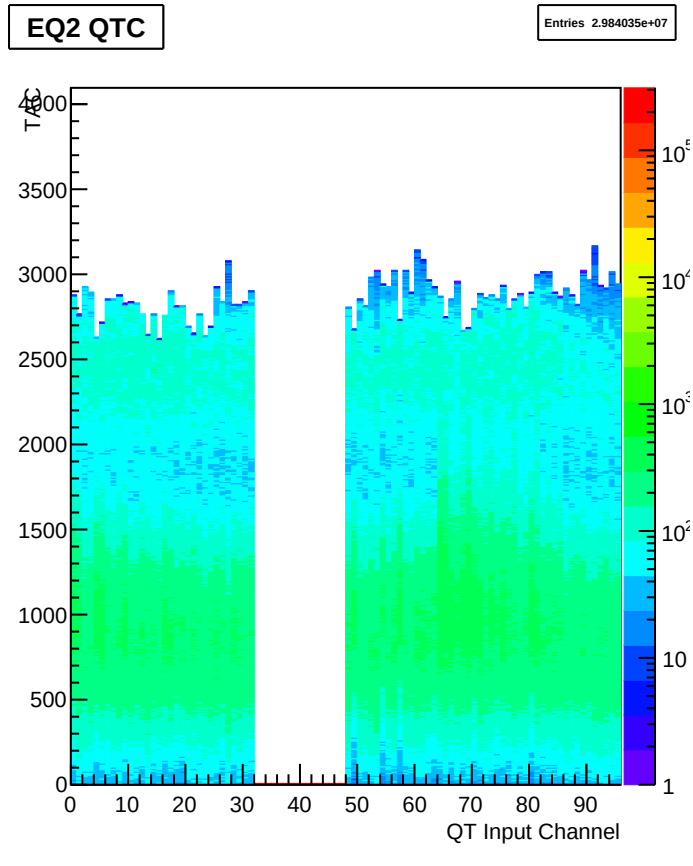

EQ1 QTC
Entries 2.984035e+07
ADC
QT Input Channel

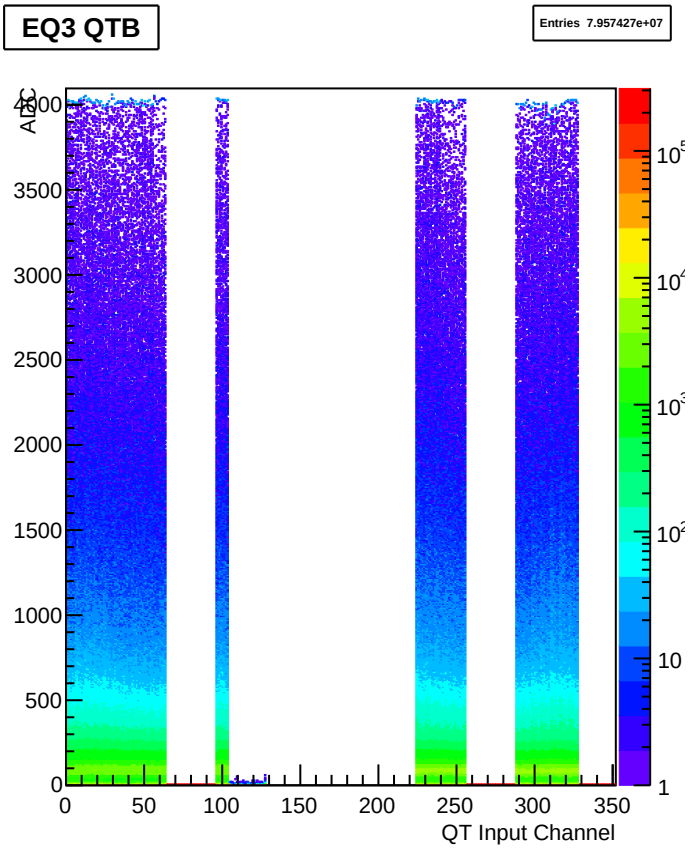

EQ1 QTC
Entries 2.984035e+07
TADC
QT Input Channel

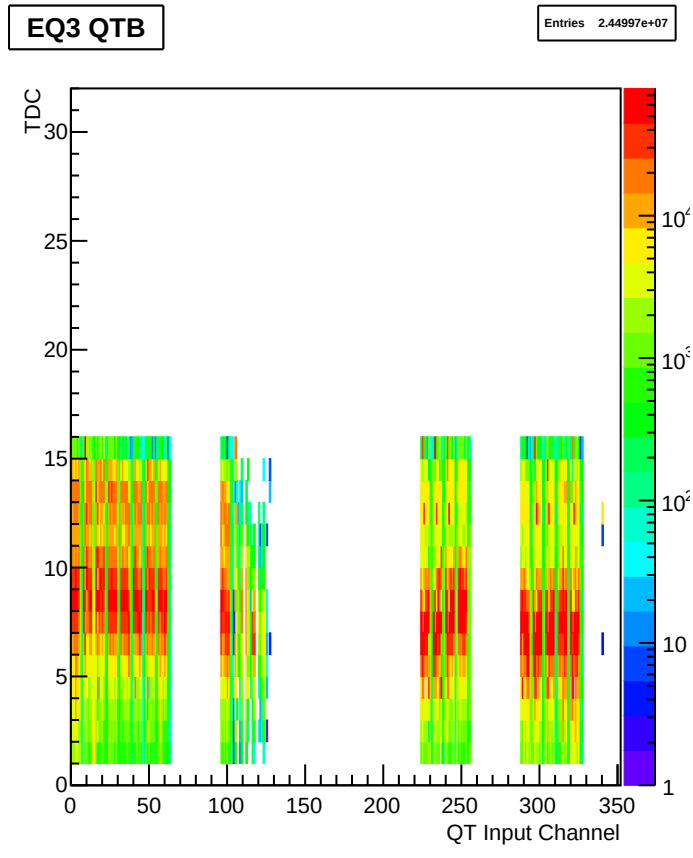

EQ2 QTB
Entries 8.952106e+07
ADC
QT Input Channel

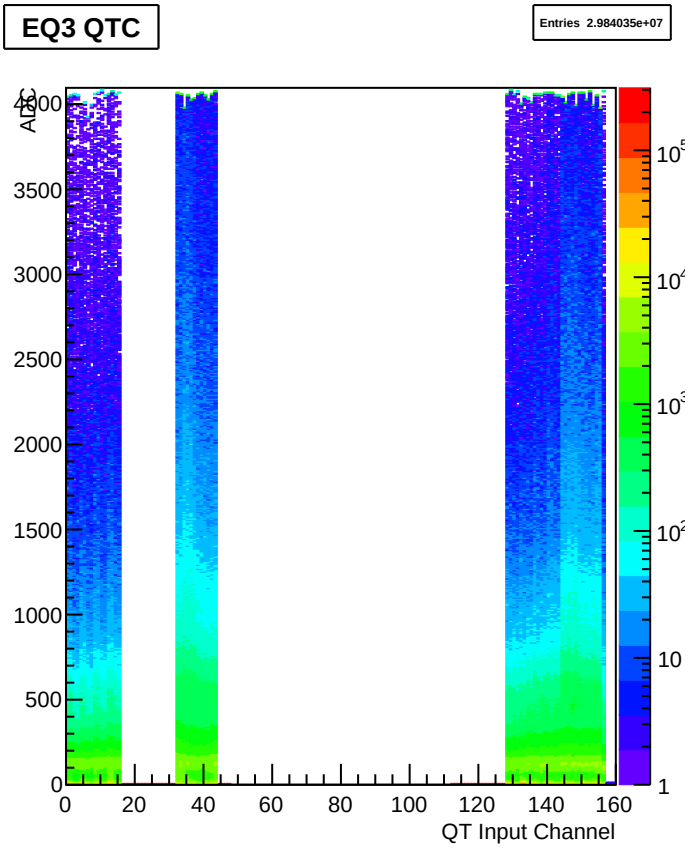

EQ2 QTB
Entries 3.01439e+07
TDC
QT Input Channel

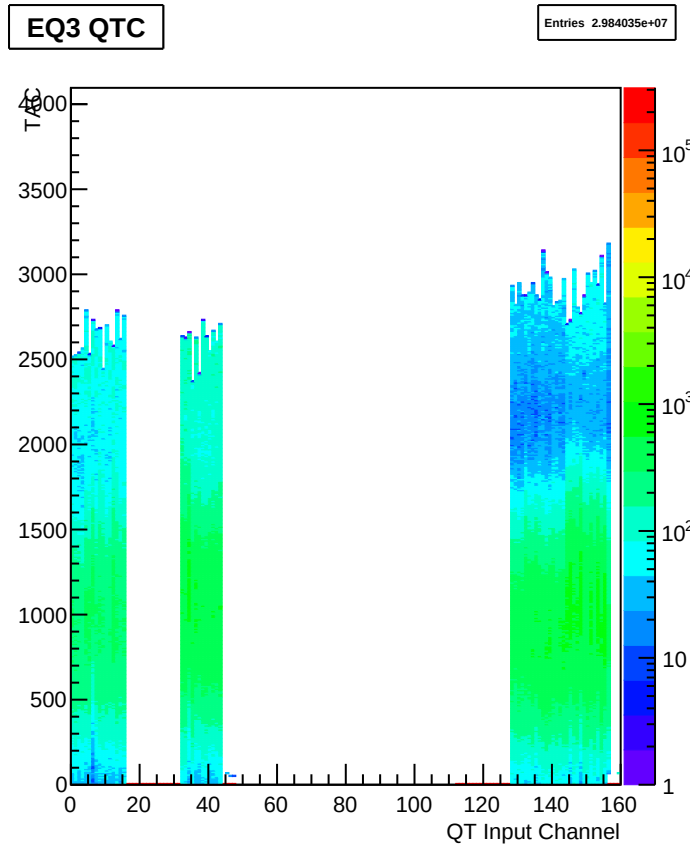

EQ2 QTC
Entries 2.984035e+07
ADC
QT Input Channel

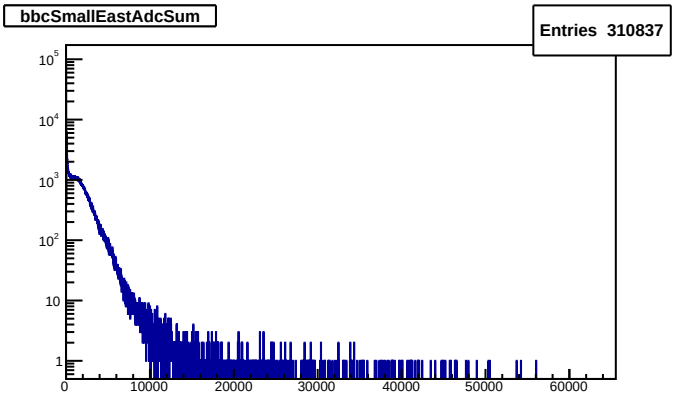

EQ2 QTC
Entries 2.984035e+07
TADC
QT Input Channel

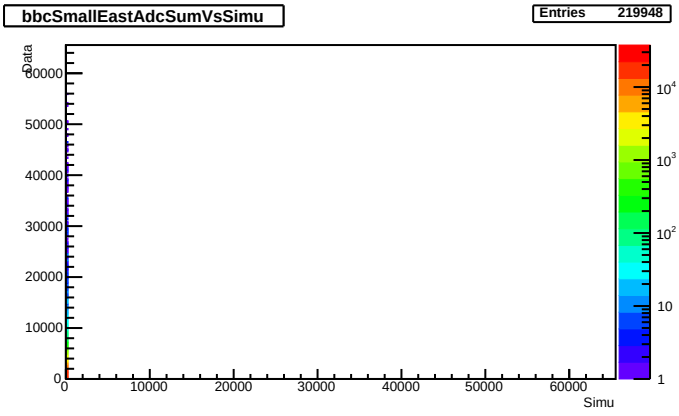

EQ3 QTB
Entries 7.957427e+07
ADC
QT Input Channel

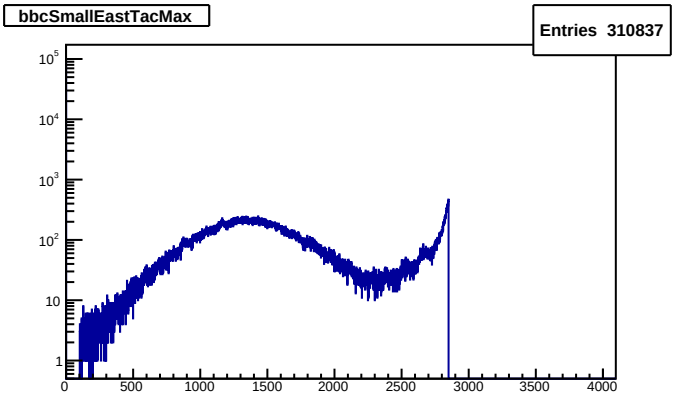

EQ3 QTB
Entries 2.44997e+07
TDC
QT Input Channel

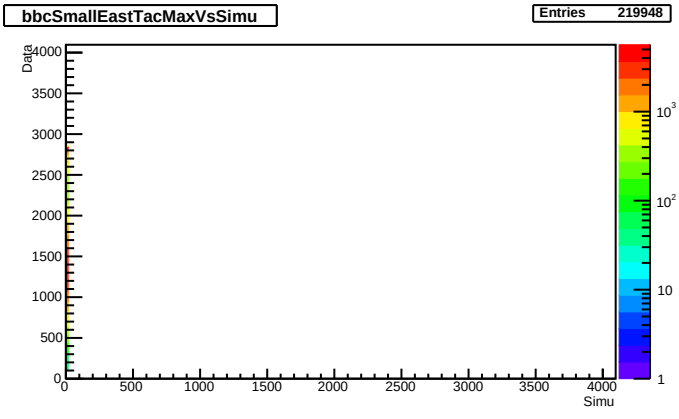

EQ3 QTC
Entries 2.984035e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.984035e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 310837


bbcSmallEastAdcSumVsSimu
Entries 219948
Data
Simu


bbcSmallEastTacMax
Entries 310837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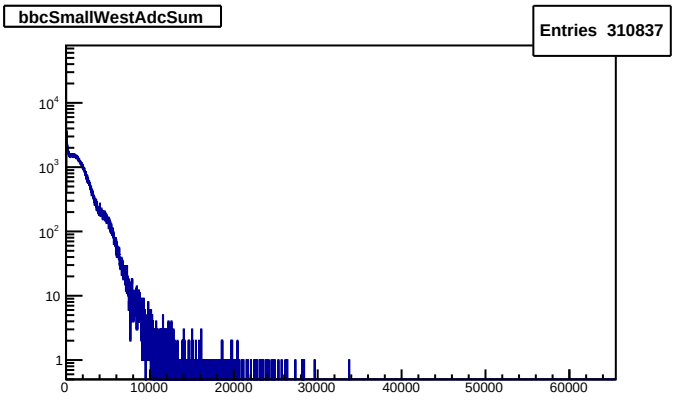
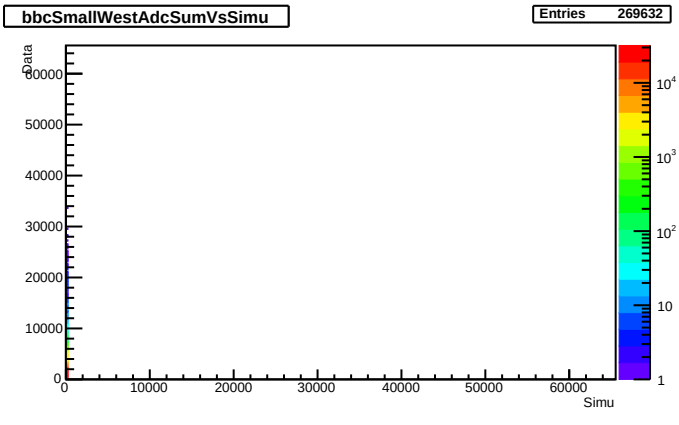
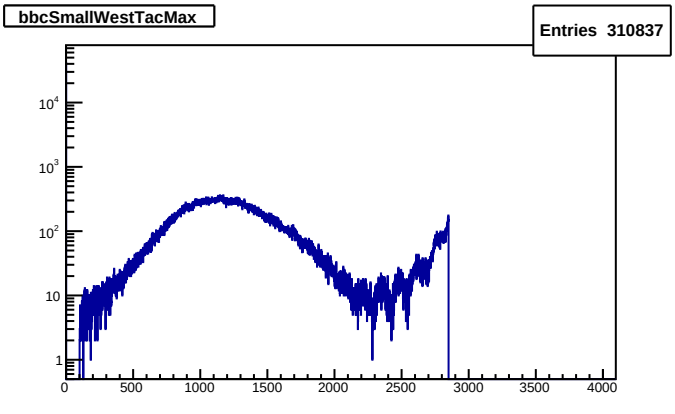
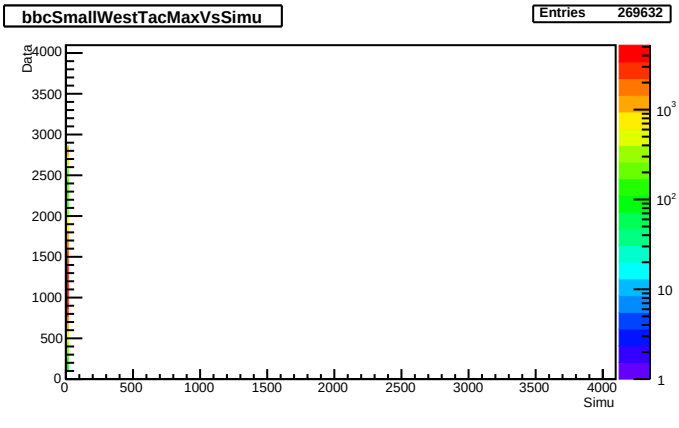
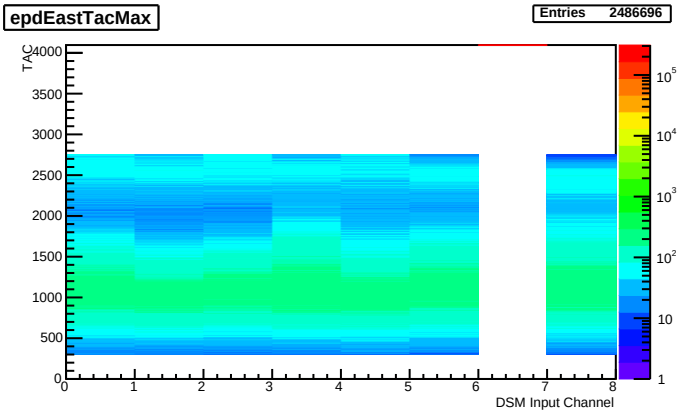
Entries 219948
Data
Simu

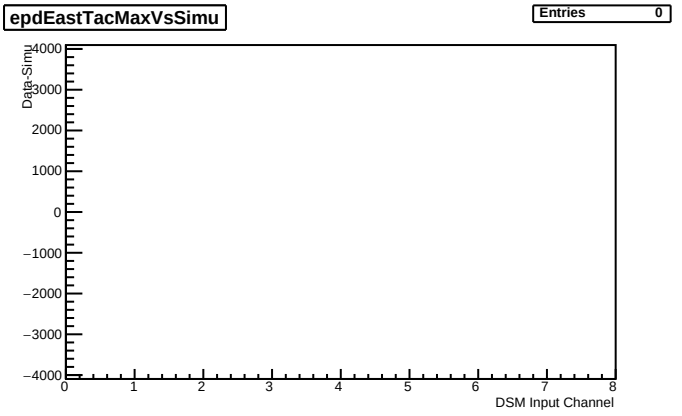

bbcSmallWestAdcSum
Entries 310837

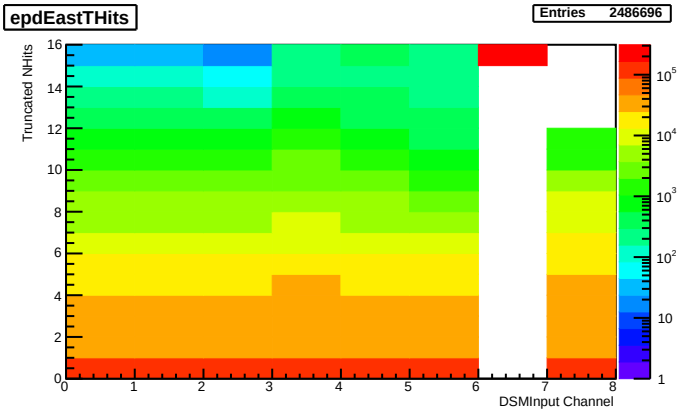

bbcSmallWestAdcSumVsSimu
Entries 269632
Data
Simu

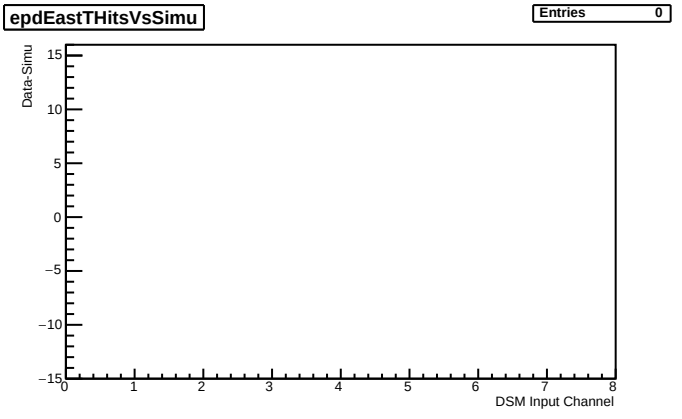

bbcSmallWestTacMax
Entries 310837


bbcSmallWestTacMaxVsSimu
Entries 269632
Data
Simu


epdEastTacMax
Entries 2486696
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2486696
Truncated NHits
DSMInput Channel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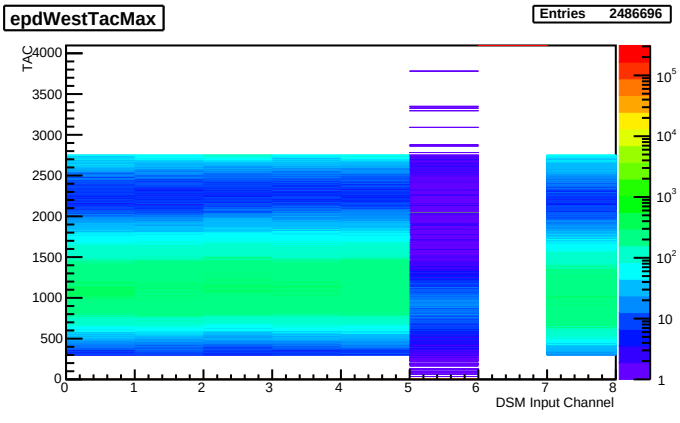
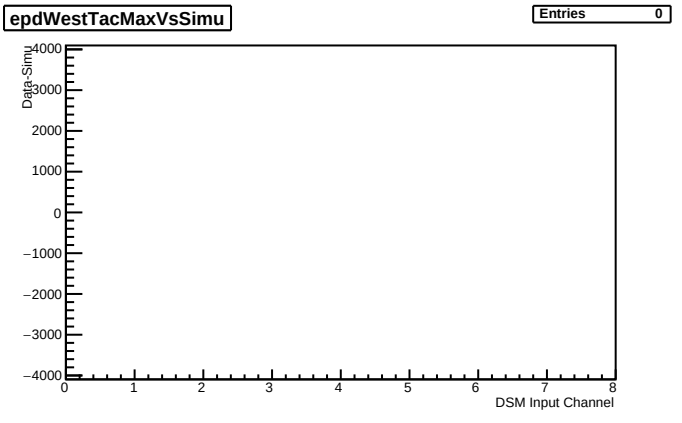
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2486696
TAC
DSM Input Channel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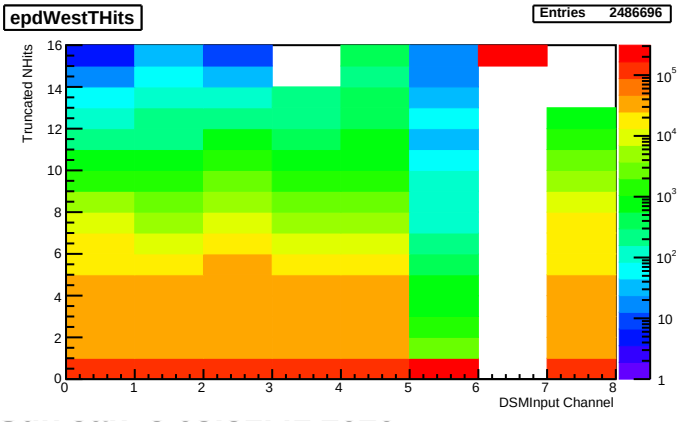
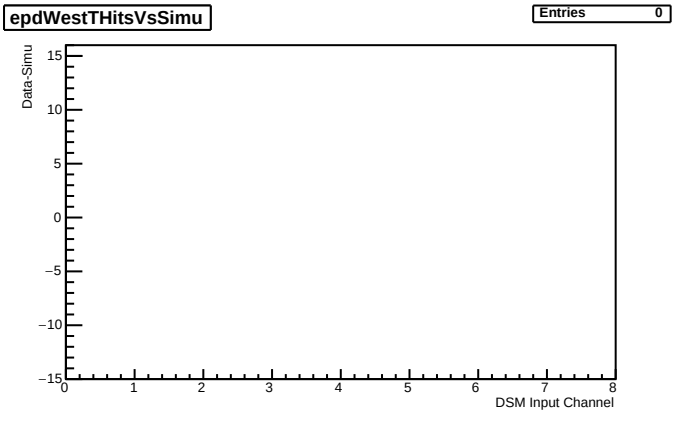
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2486696
Truncated NHits
DSMInput Channel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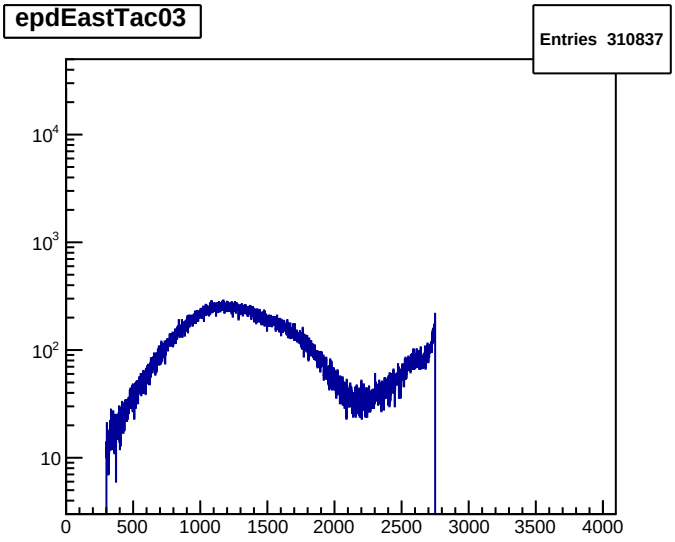
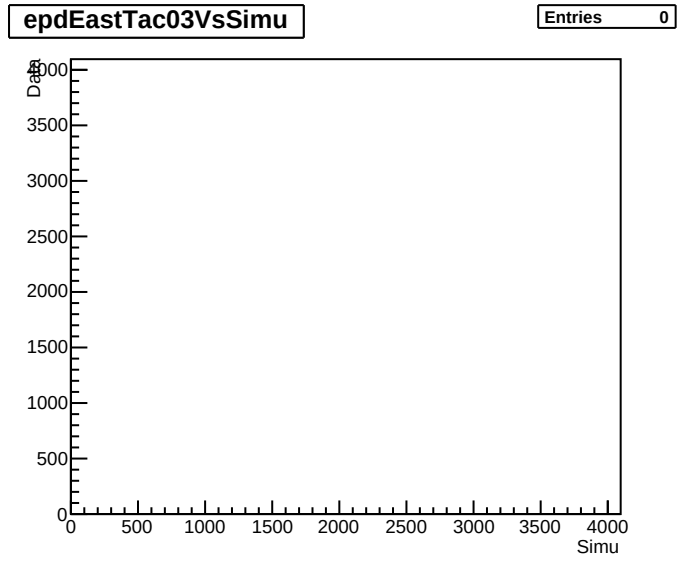
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 310837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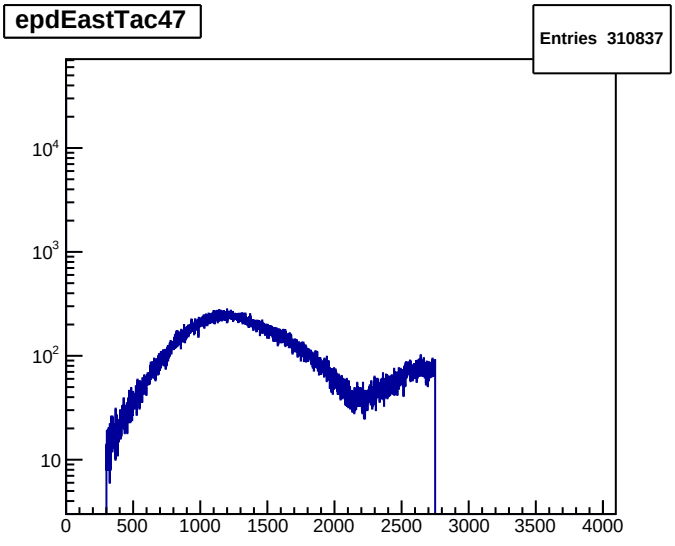
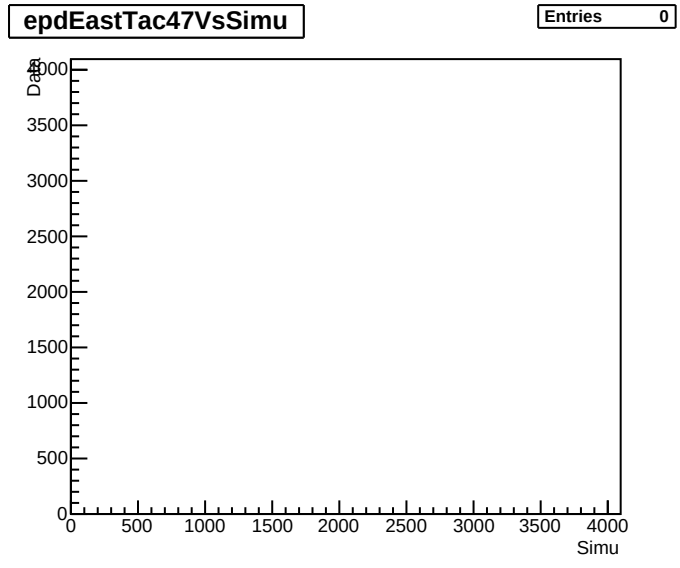
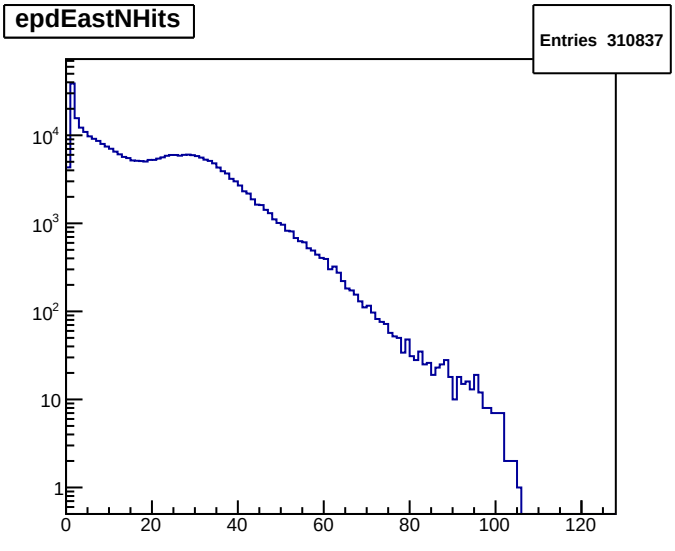
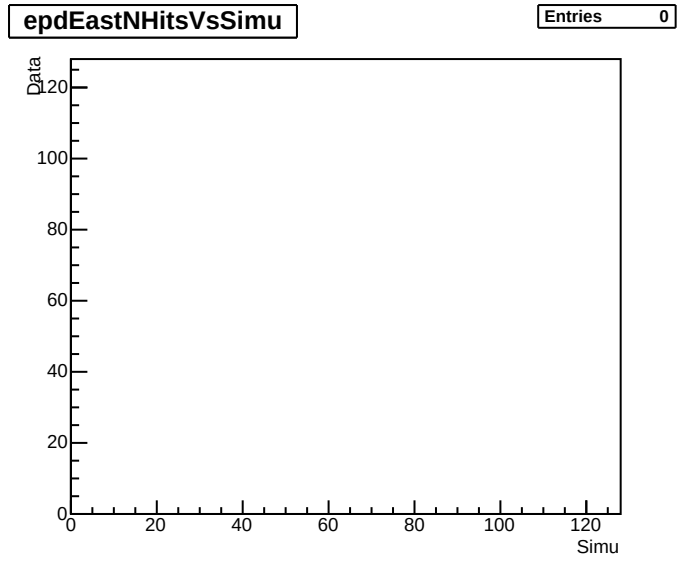
Entries 0
Data
Simu


epdEastTac47
Entries 310837


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 310837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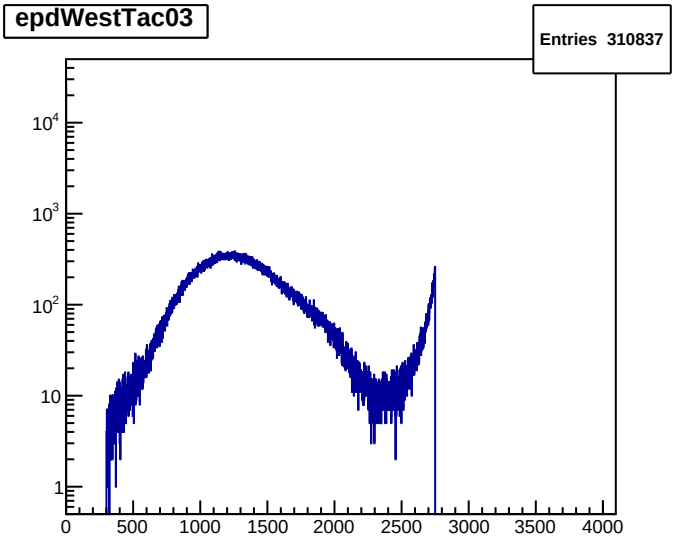
Entries 0
Data
Simu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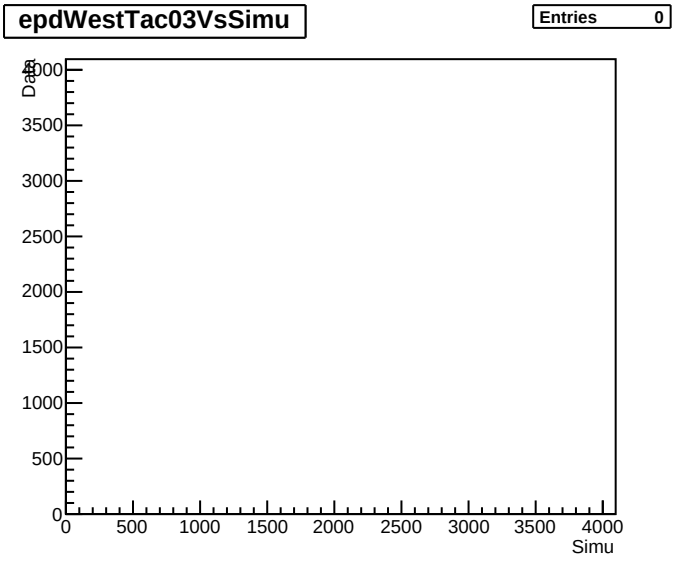
Entries 310837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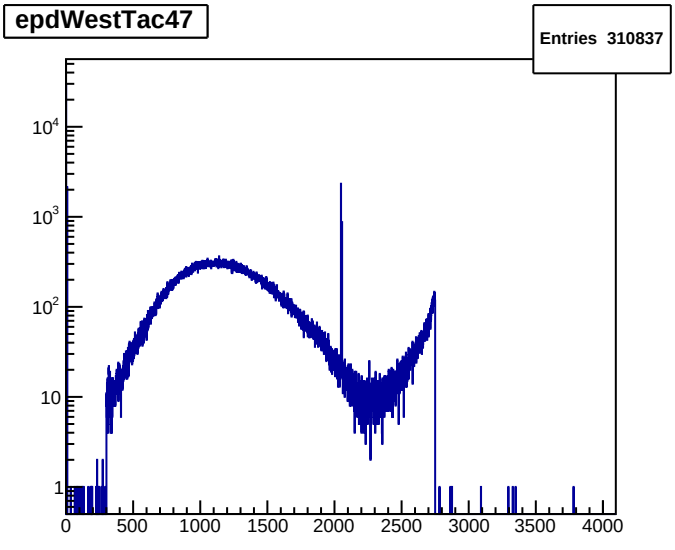
Entries 0
Data
Simu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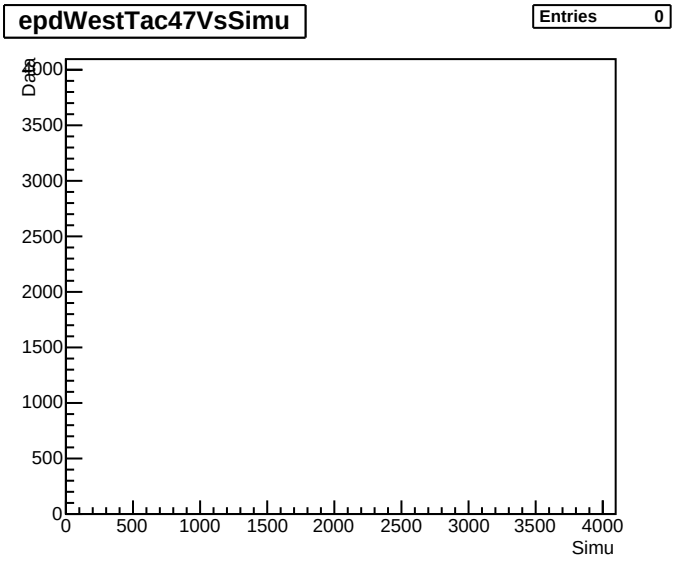
Entries 310837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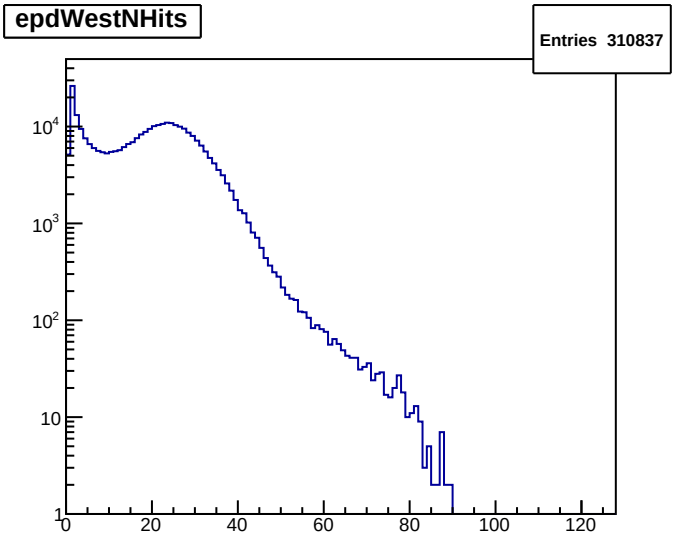
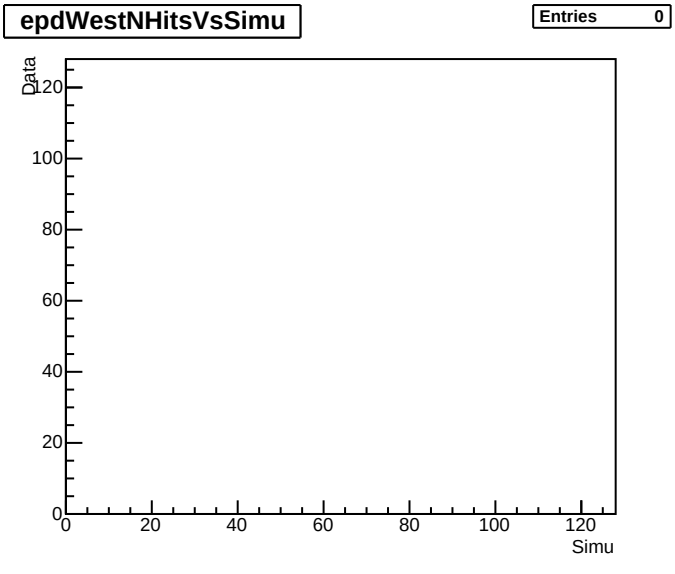
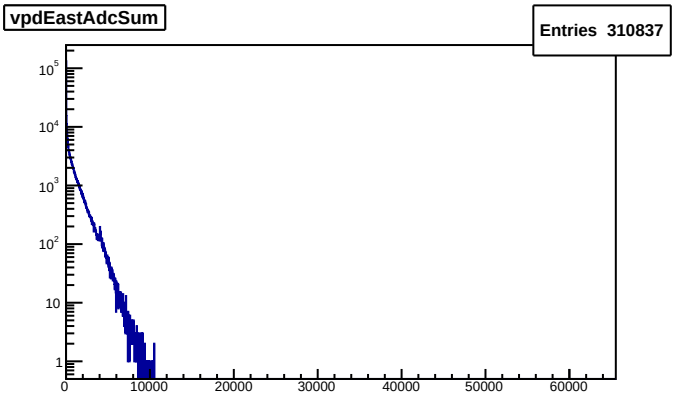
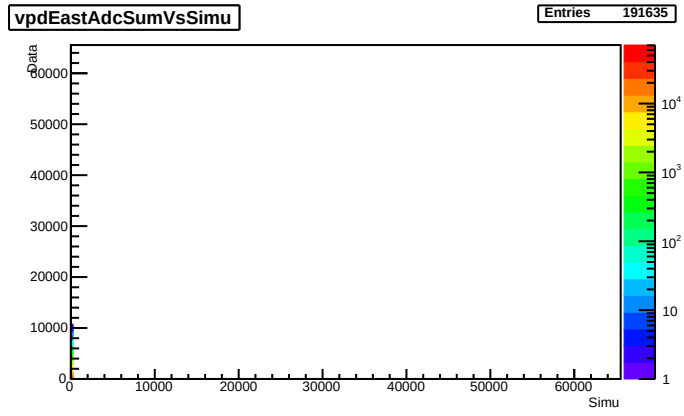
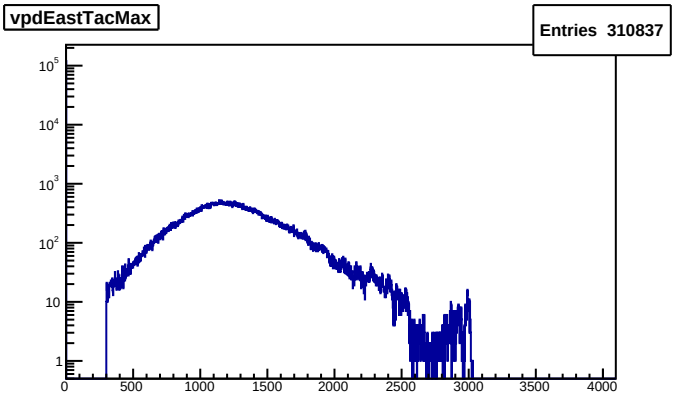
Entries 0
Data
Simu

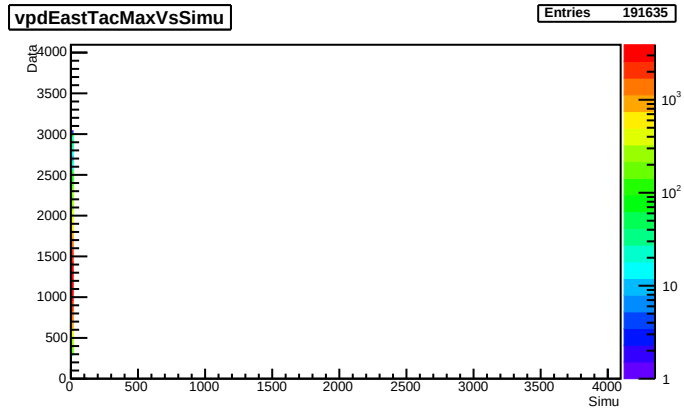

epdWestNHits
Entries 310837

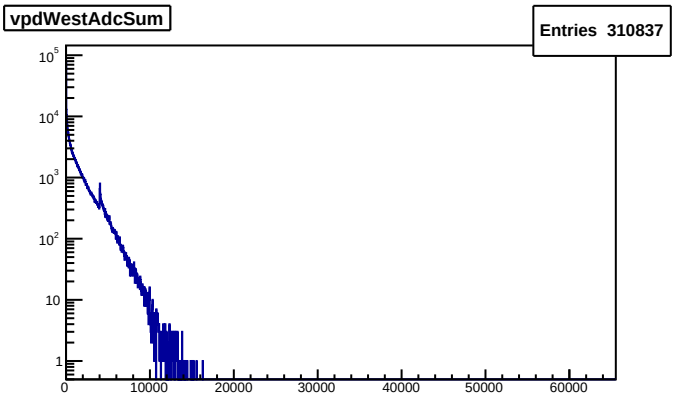

epdWestNHitsVsSimu
Entries 0
Data
Simu

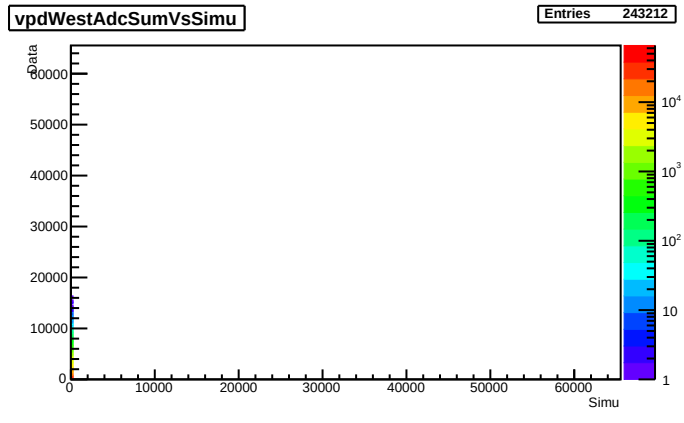

vpdEastAdcSum
Entries 310837

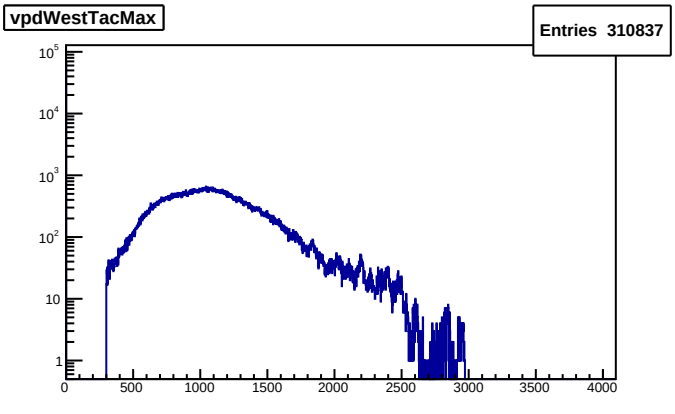

vpdEastAdcSumVsSimu
Entries 191635
Data
Simu

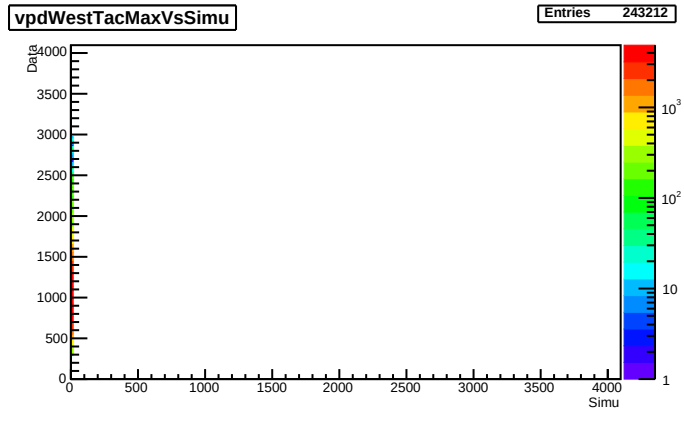

vpdEastTacMax
Entries 310837

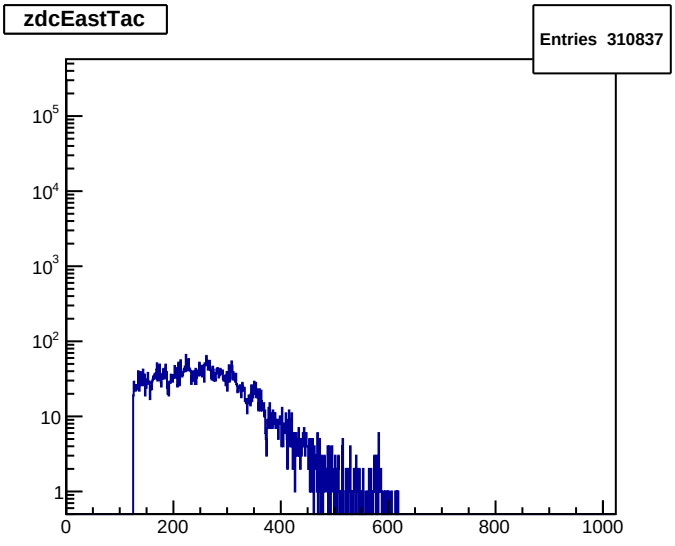

vpdEastTacMaxVsSimu
Entries 191635
Data
Simu

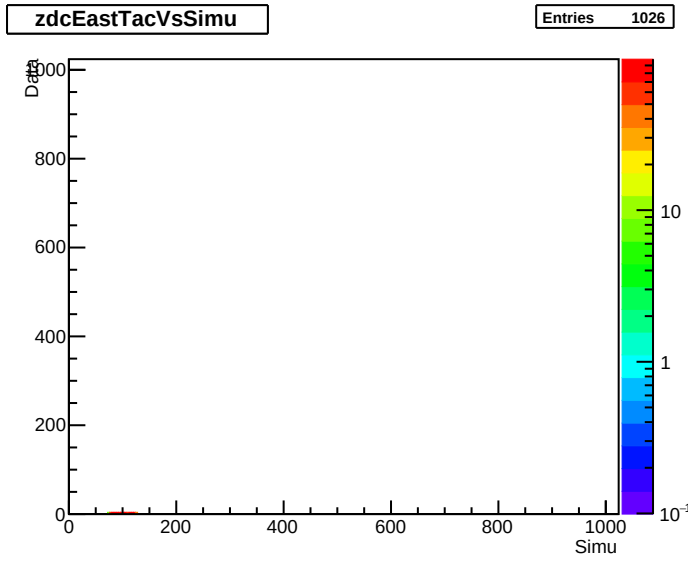

vpdWestAdcSum
Entries 310837

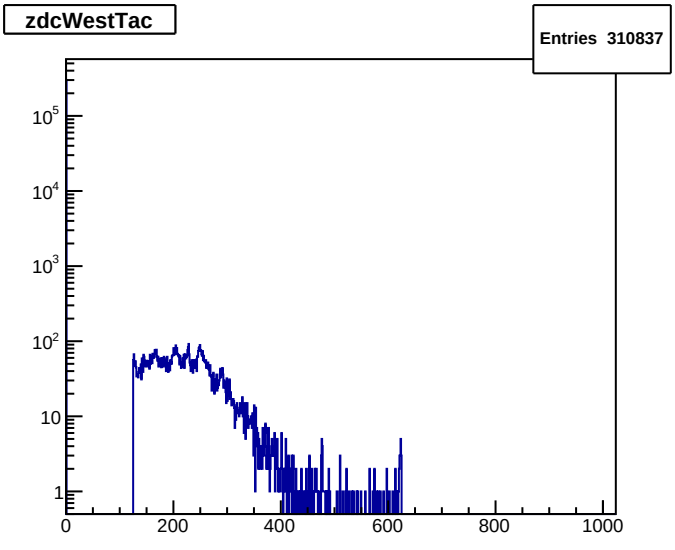

vpdWestAdcSumVsSimu
Entries 243212
Data
Simu

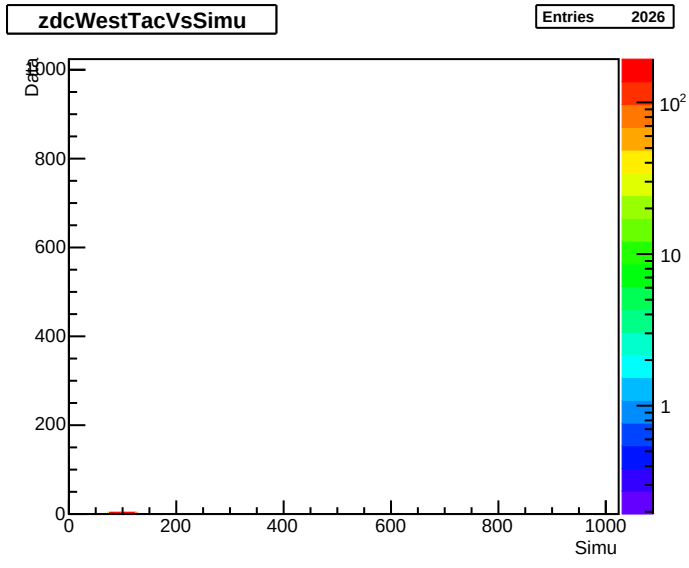

vpdWestTacMax
Entries 310837

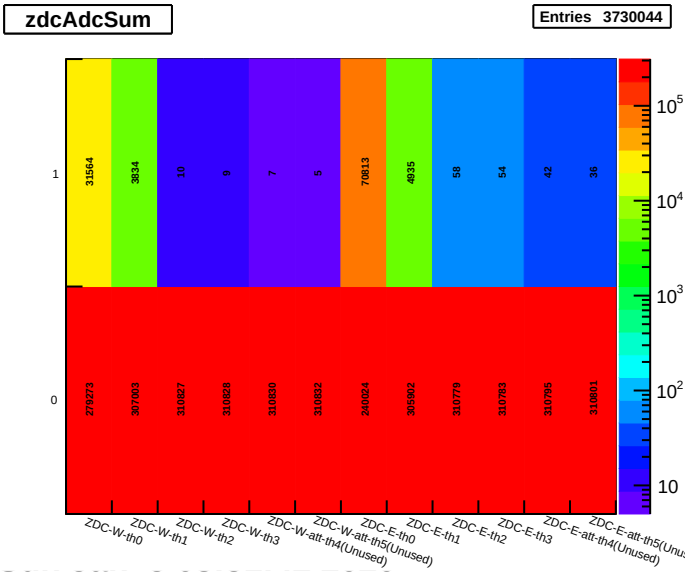

vpdWestTacMaxVsSimu
Entries 243212
Data
Simu

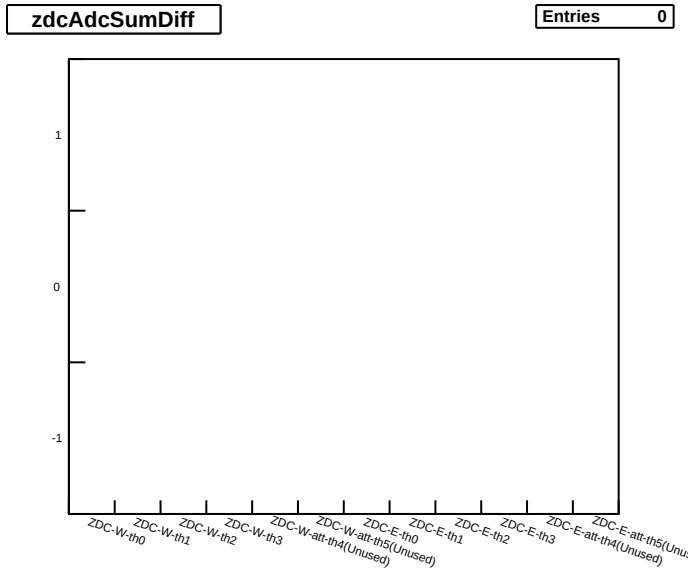

zdcEastTac
Entries 310837

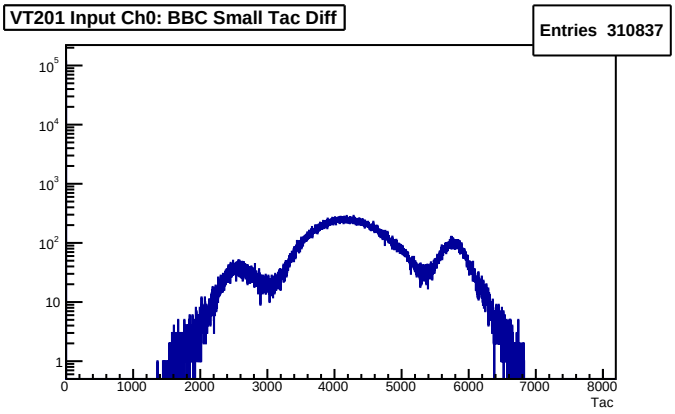

zdcEastTacVsSimu
Entries 1026
Data
Simu

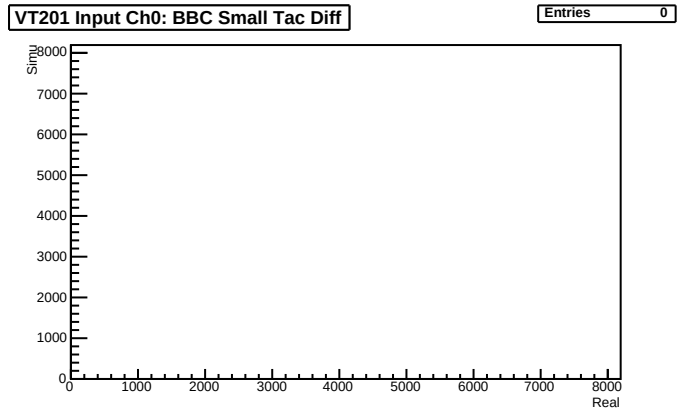

zdcWestTac
Entries 310837

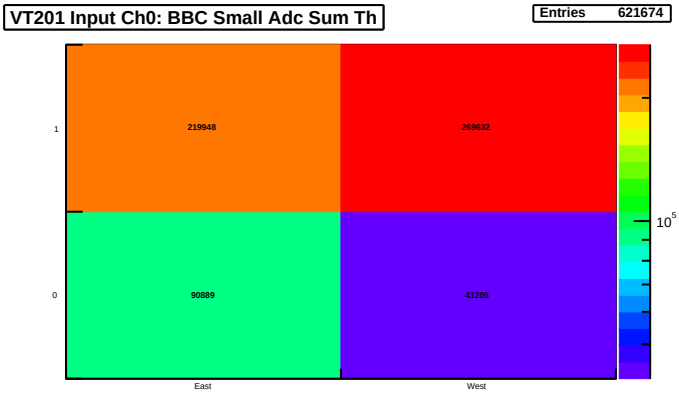

zdcWestTacVsSimu
Entries 2026
Data
Simu

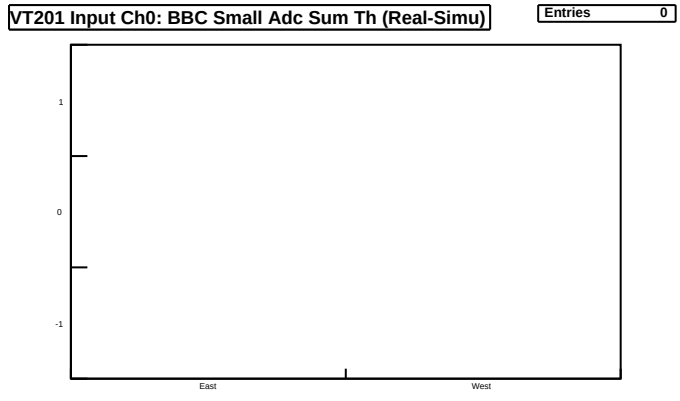

zdcAdcSum
Entries 3730044
31564
3834
10
9
7
5
70813
4935
58
54
42
36
279273
307003
310827
310828
310830
310832
240024
305902
310779
310793
310795
310801
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

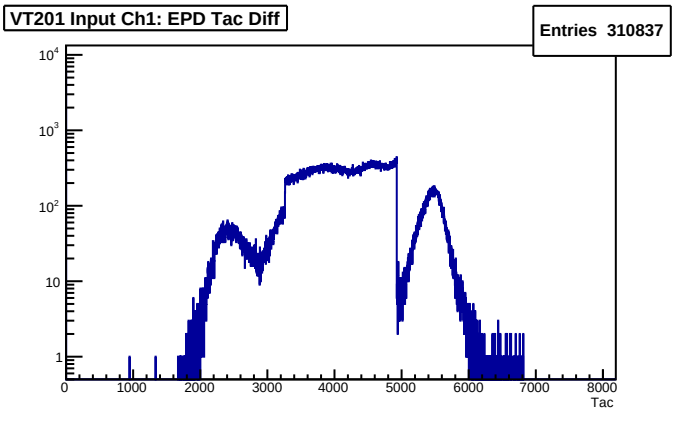

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

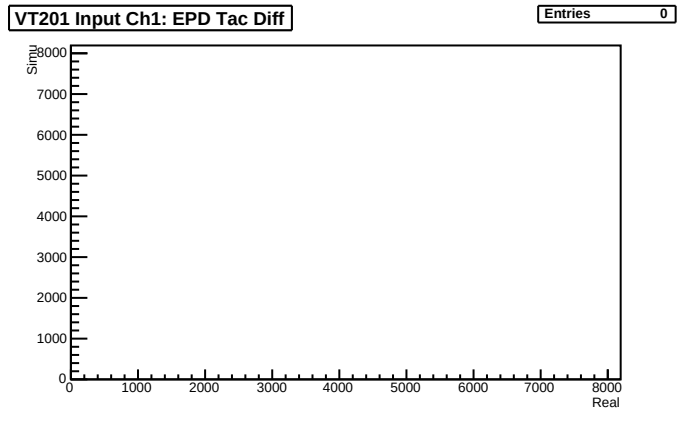

VT201 Input Ch0: BBC Small Tac Diff
Entries 310837
Tac

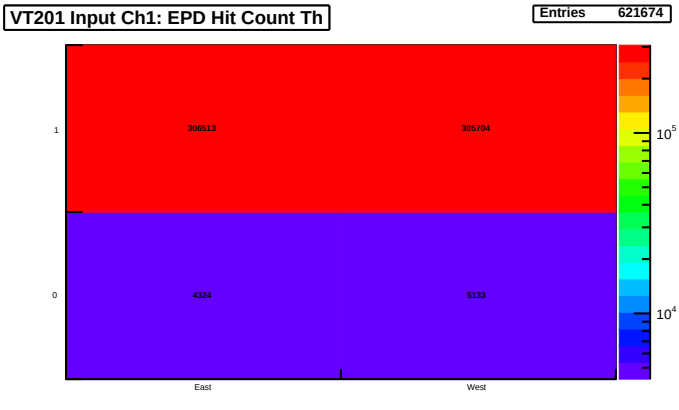

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

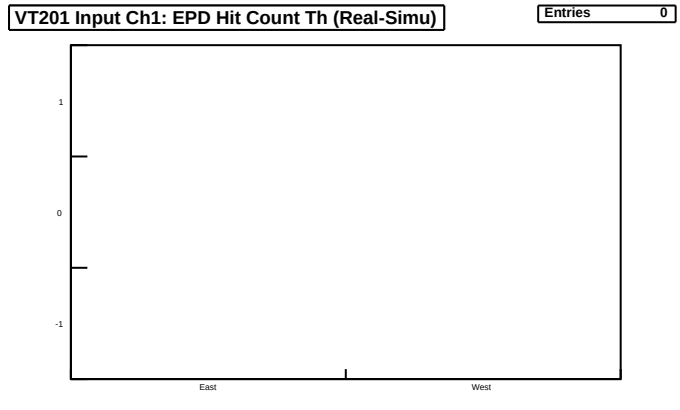

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 621674
219948
269632
90889
41205
East
West

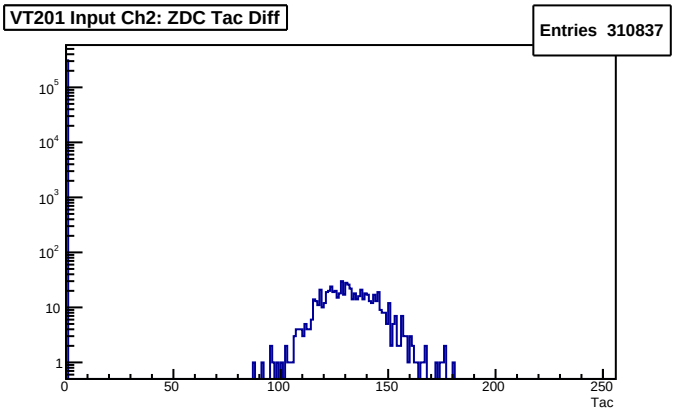

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

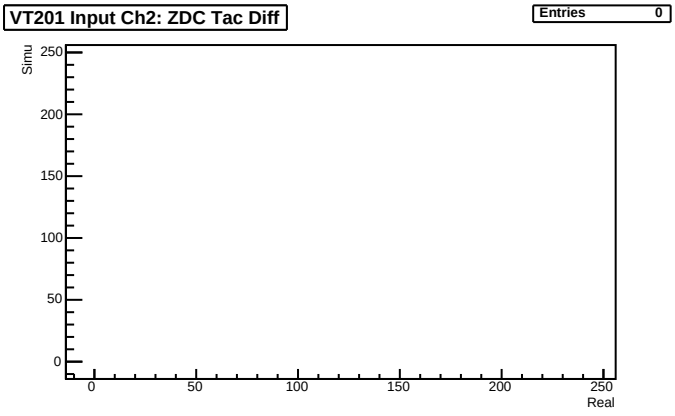

VT201 Input Ch1: EPD Tac Diff
Entries 310837
Tac

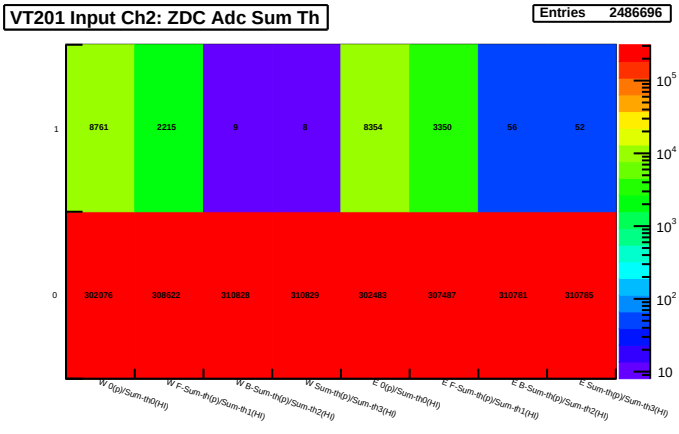

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

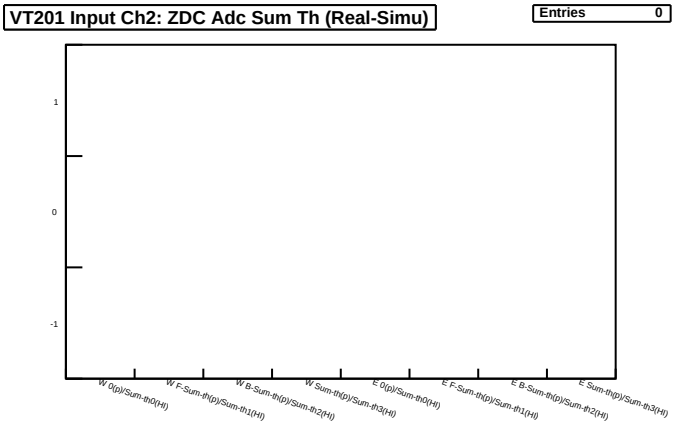

VT201 Input Ch1: EPD Hit Count Th
Entries 621674
306513
305704
4324
5133
East
West

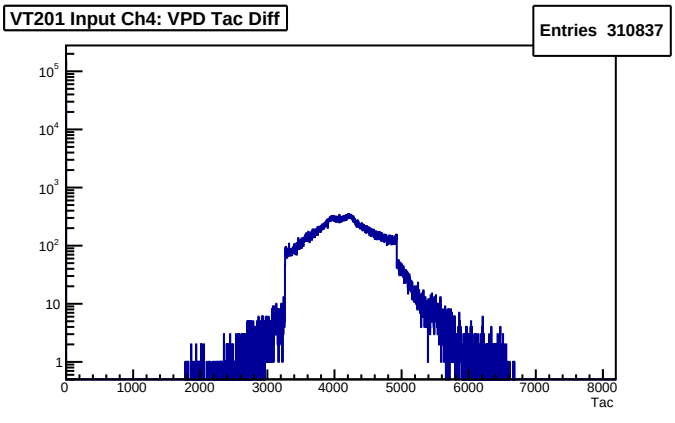

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

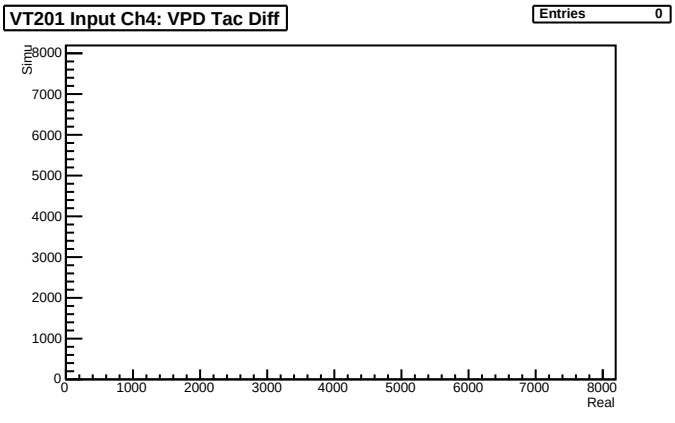

VT201 Input Ch2: ZDC Tac Diff
Entries 310837
Tac

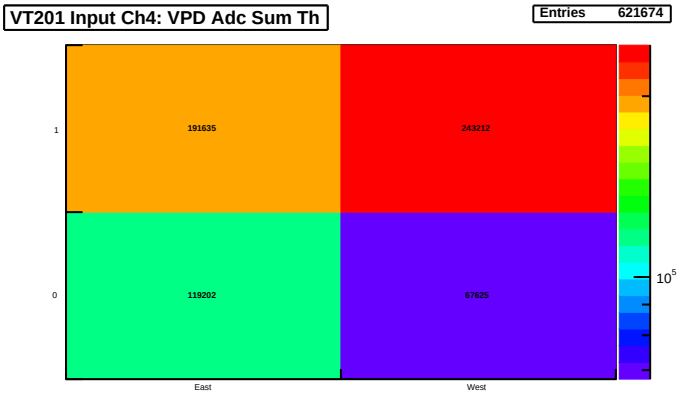

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

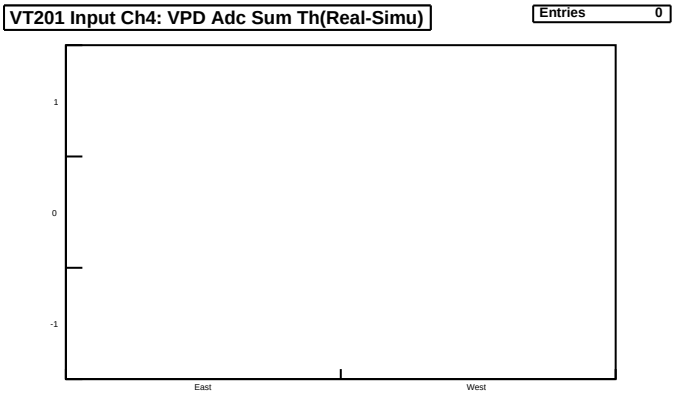

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2486696
8761
2215
9
8
8354
3350
56
52
302076
308622
310828
310829
302483
307487
310781
310785
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

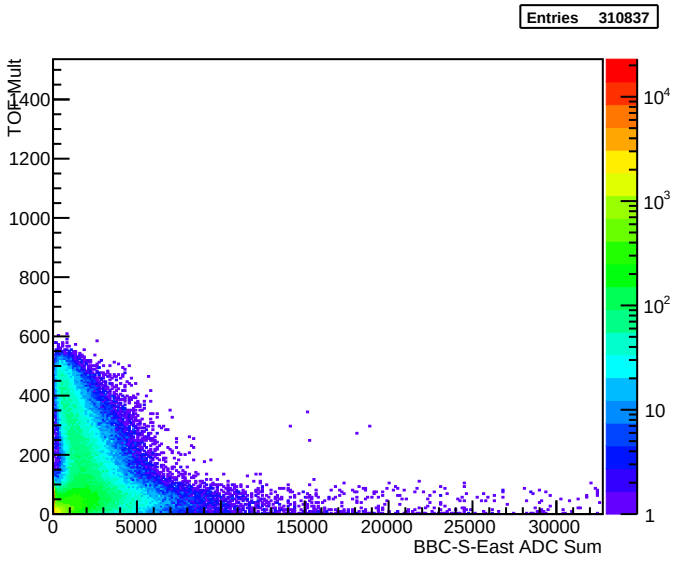

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

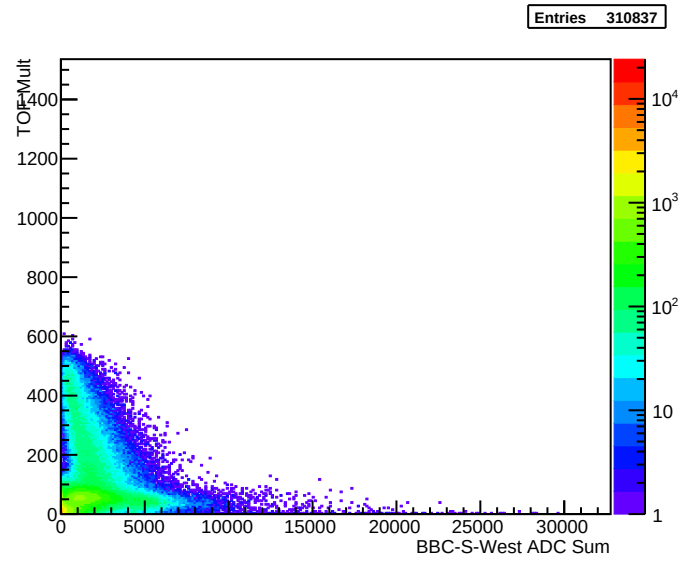

VT201 Input Ch4: VPD Tac Diff
Entries 310837
Tac

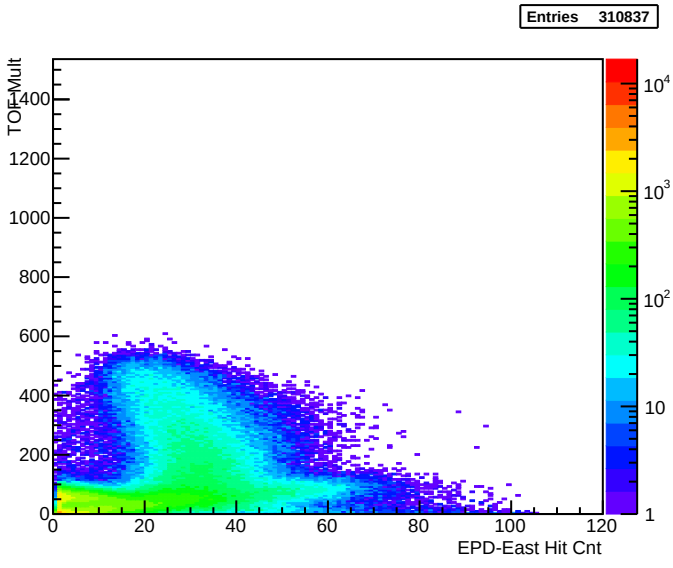

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

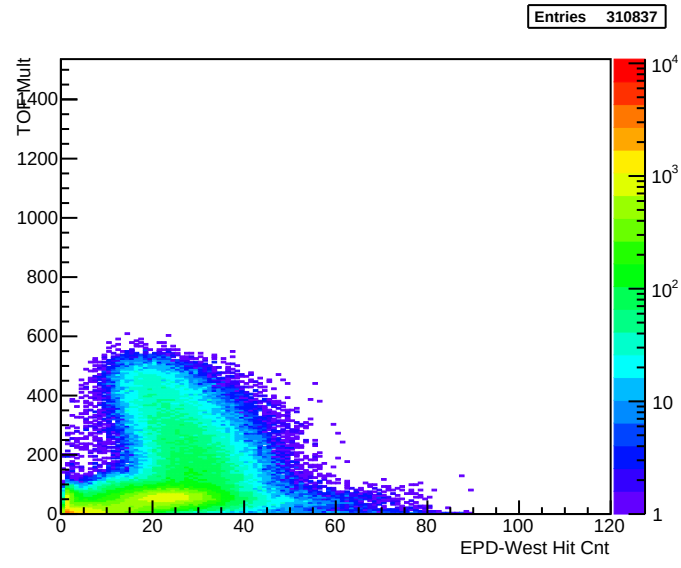

VT201 Input Ch4: VPD Adc Sum Th
Entries 621674
191635
243212
119202
67625
East
West

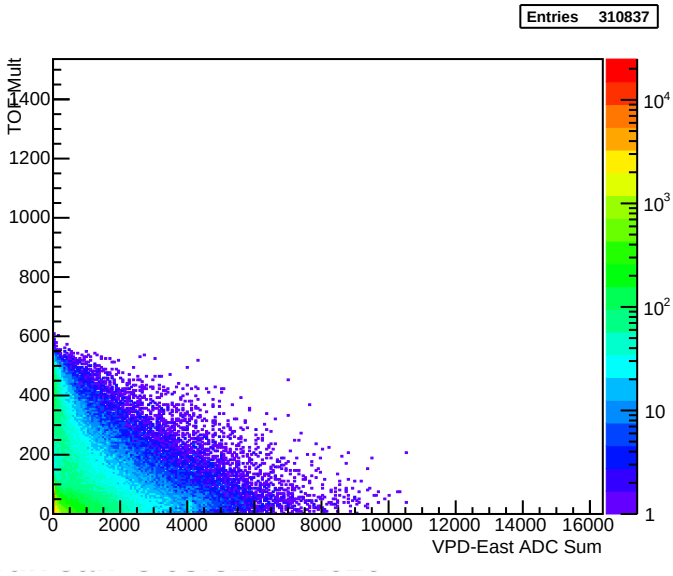

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

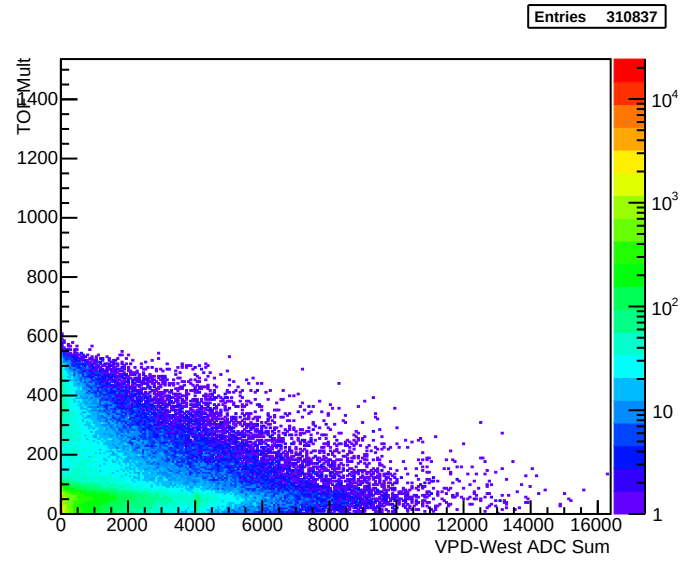

Entries 310837
TOF-Mult
BBC-S-East ADC Sum

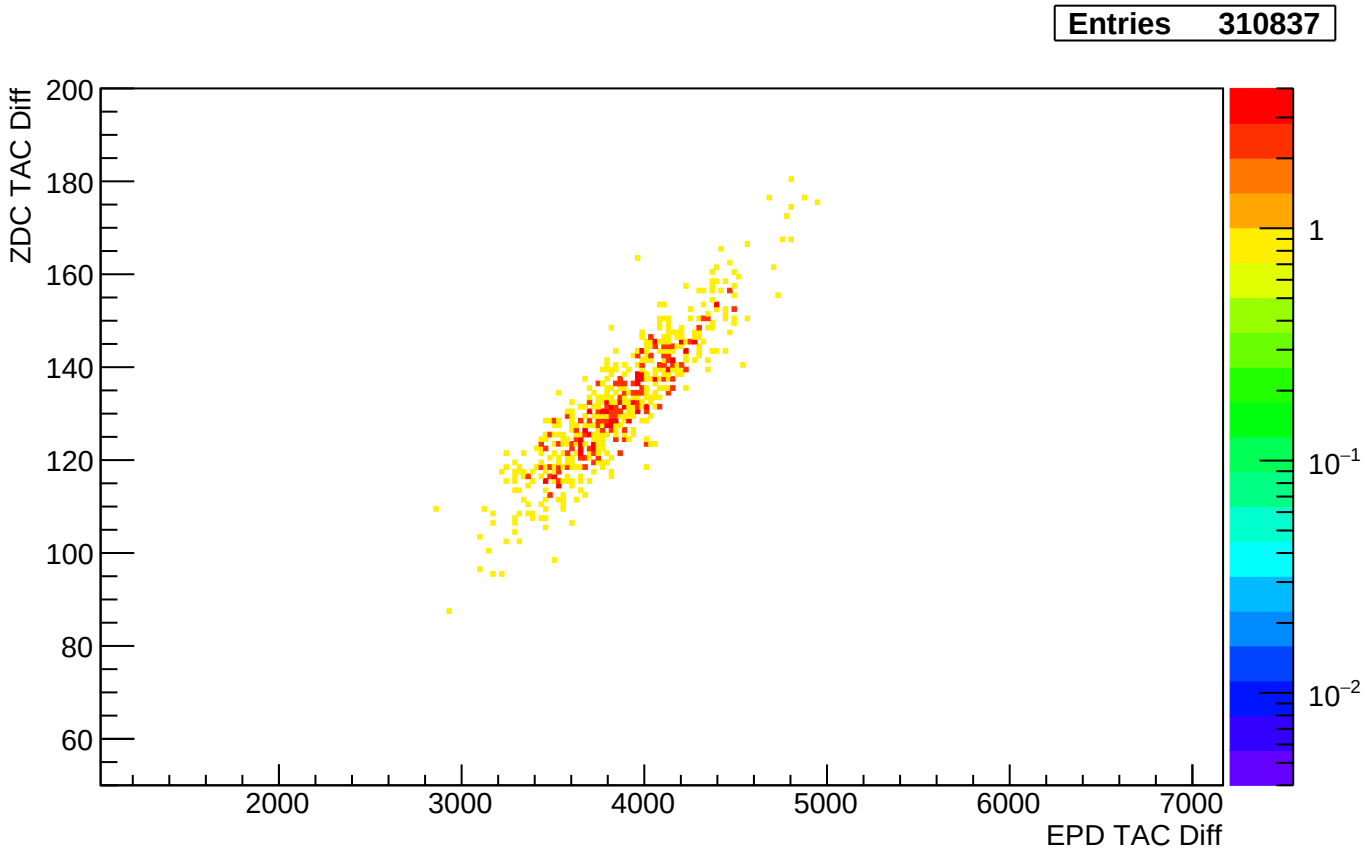

Entries 310837
TOF-Mult
BBC-S-West ADC Sum

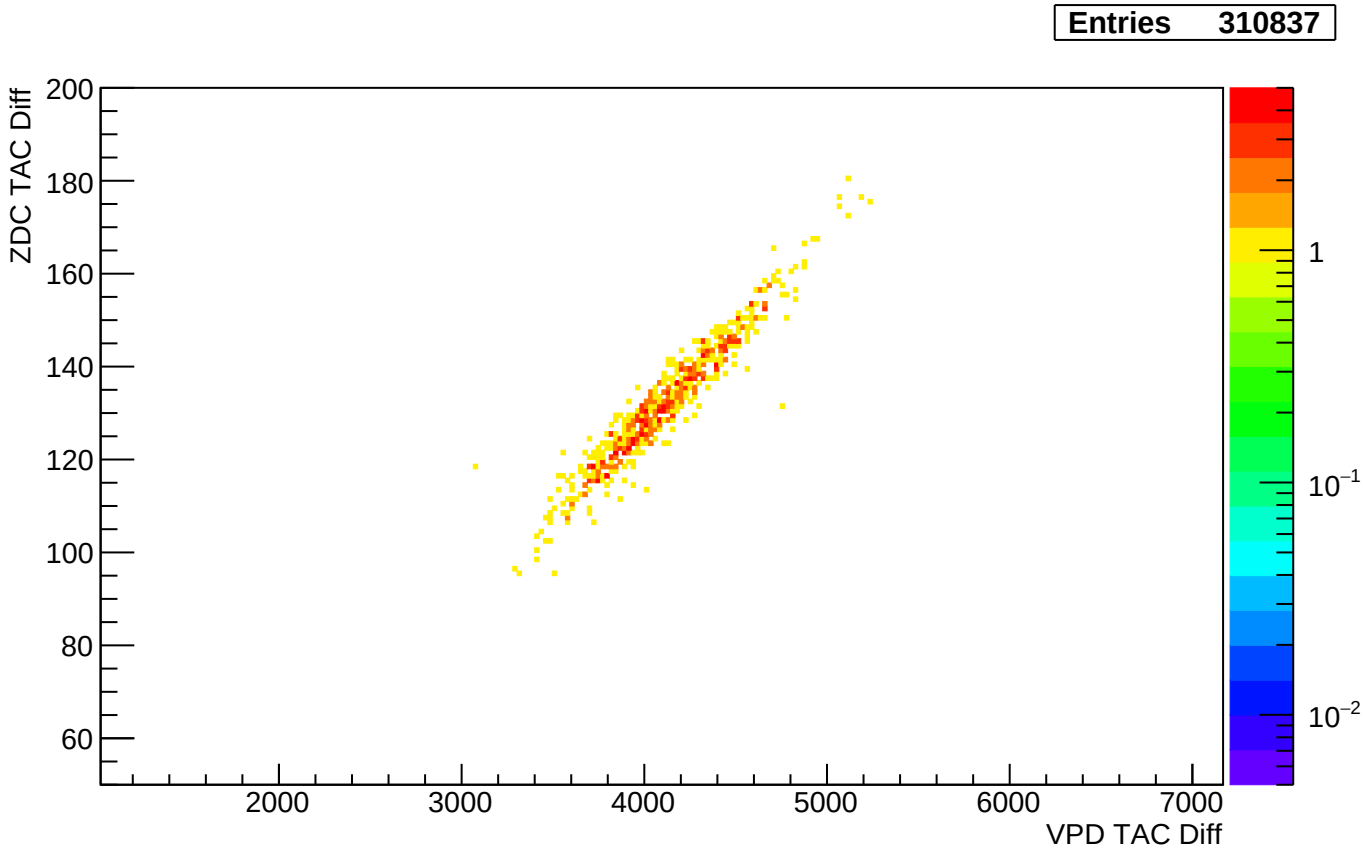

Entries 310837
TOF-Mult
EPD-East Hit Cnt

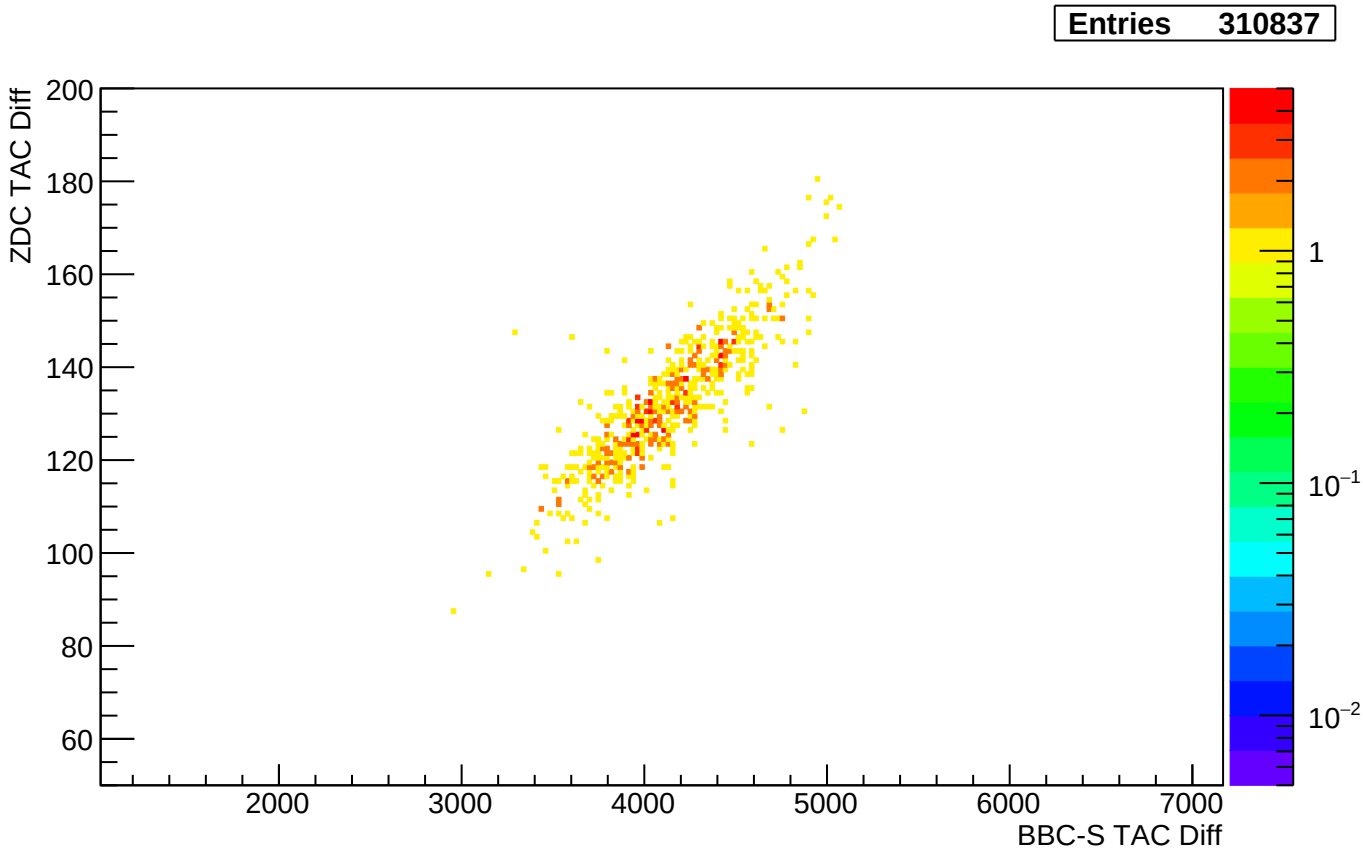

Entries 310837
TOF-Mult
EPD-West Hit Cnt

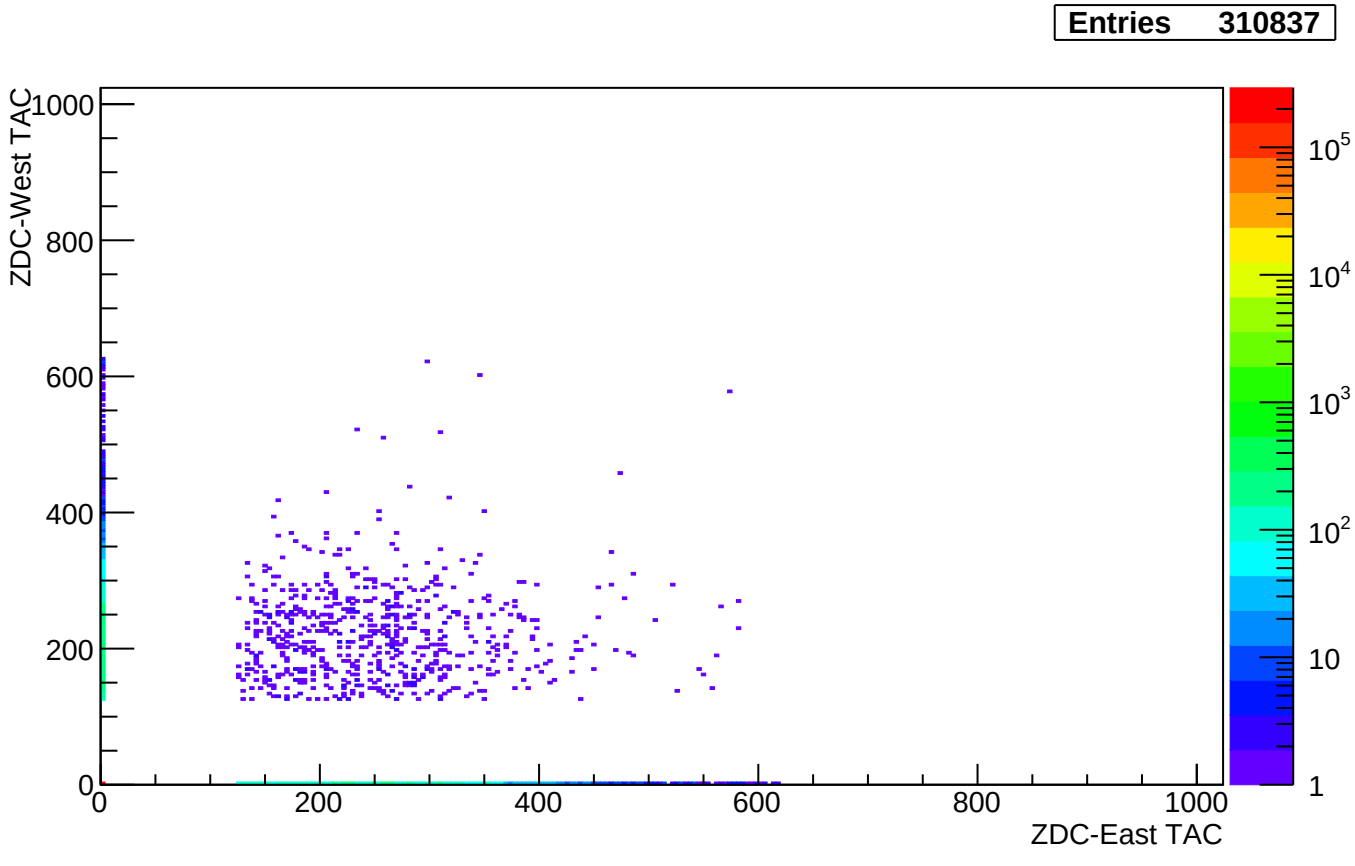

Entries 310837
TOF-Mult
VPD-East ADC Sum

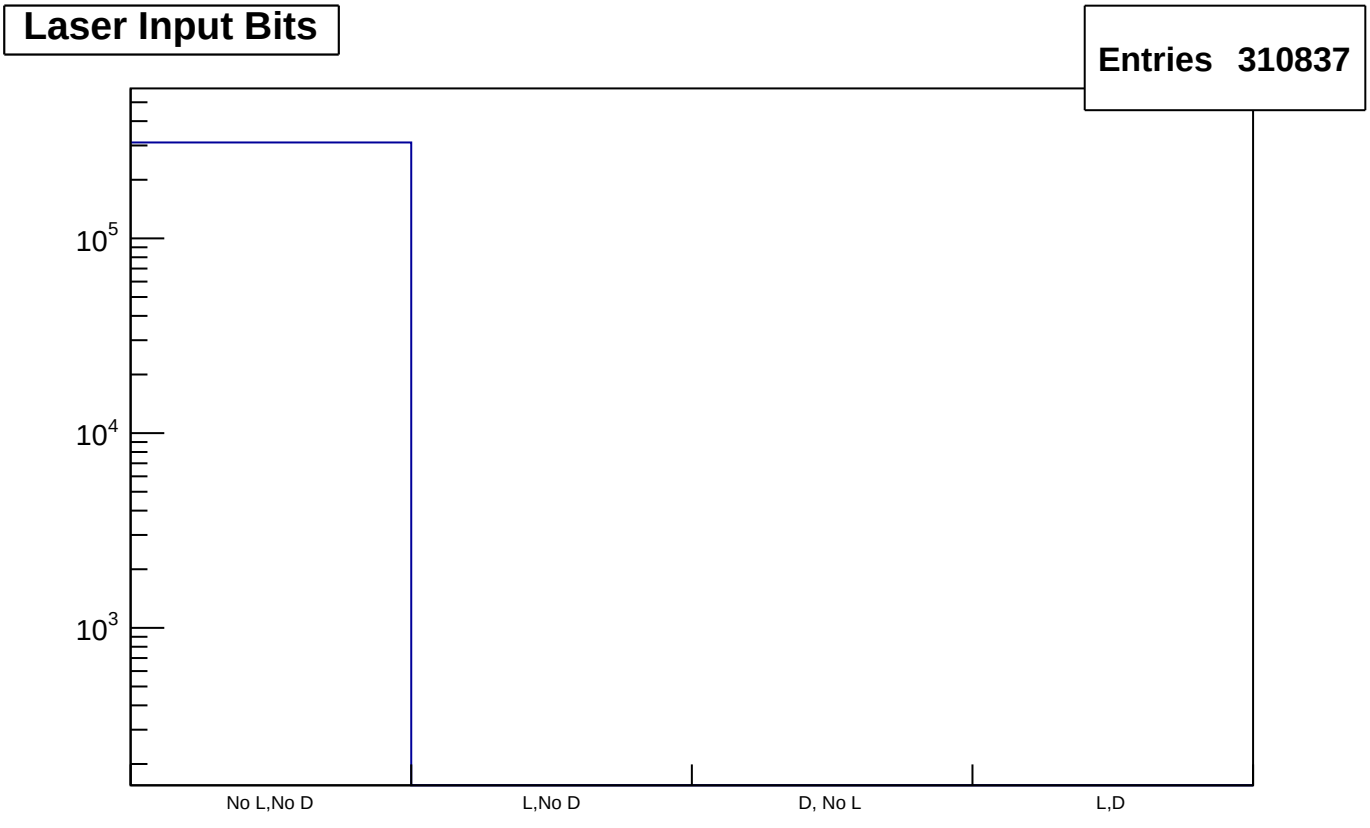

Entries 310837
TOF-Mult
VPD-West ADC Sum

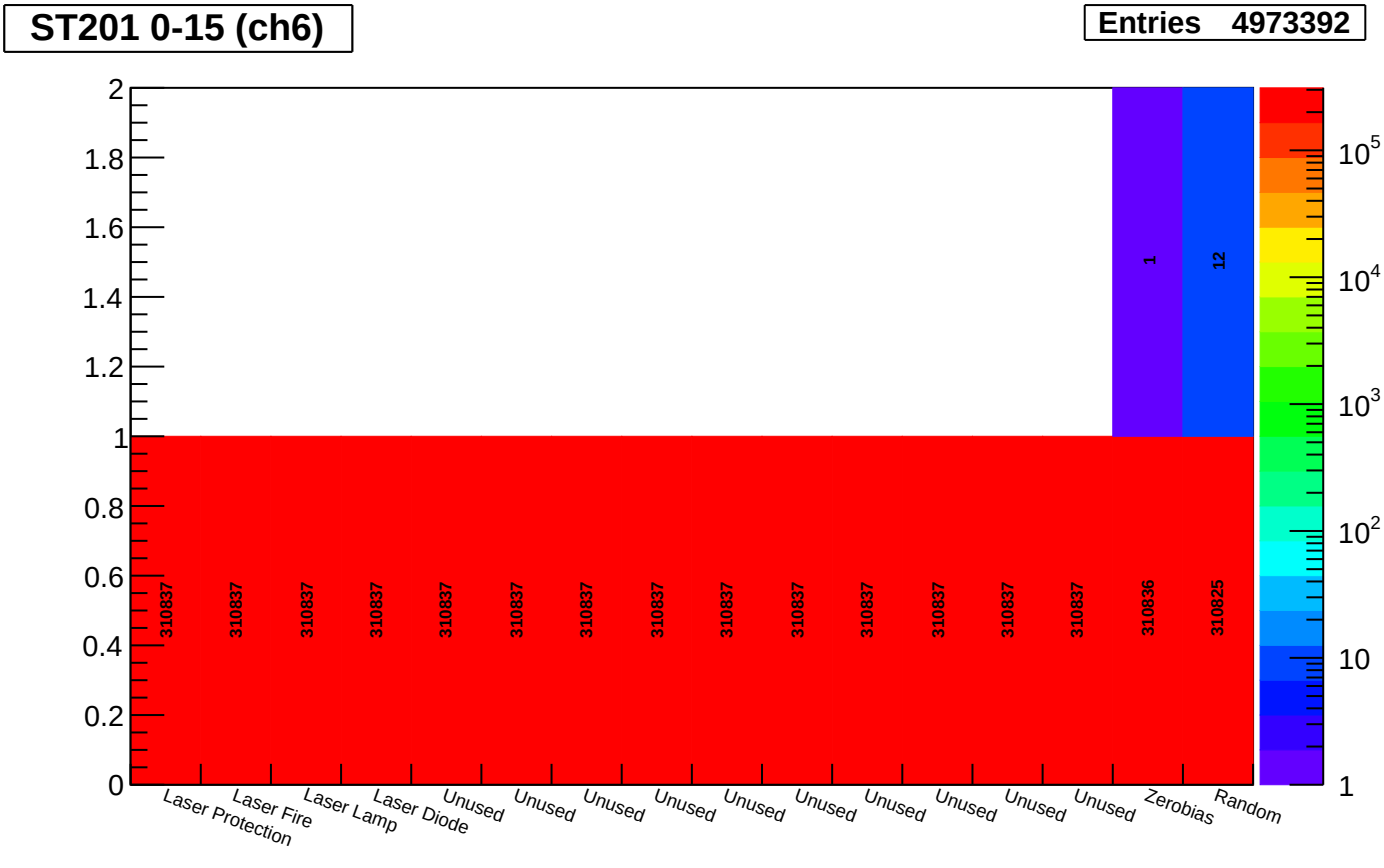

Entries 310837
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

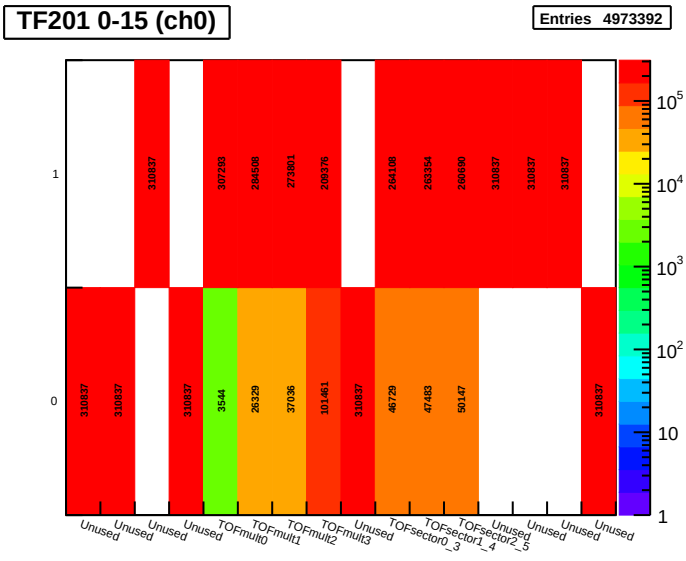

Entries 310837
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

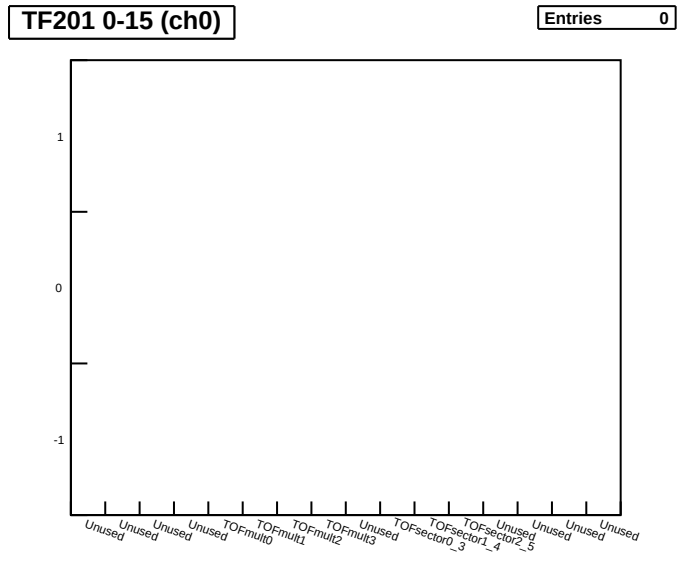

Entries 310837
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

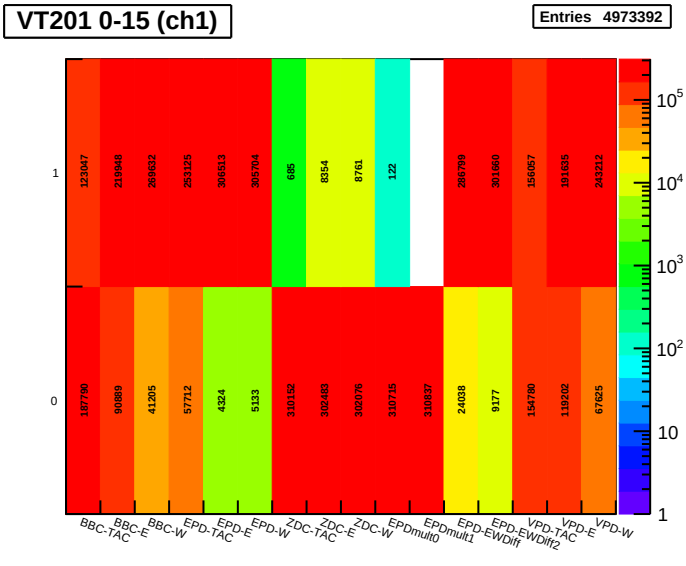

Entries 310837
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

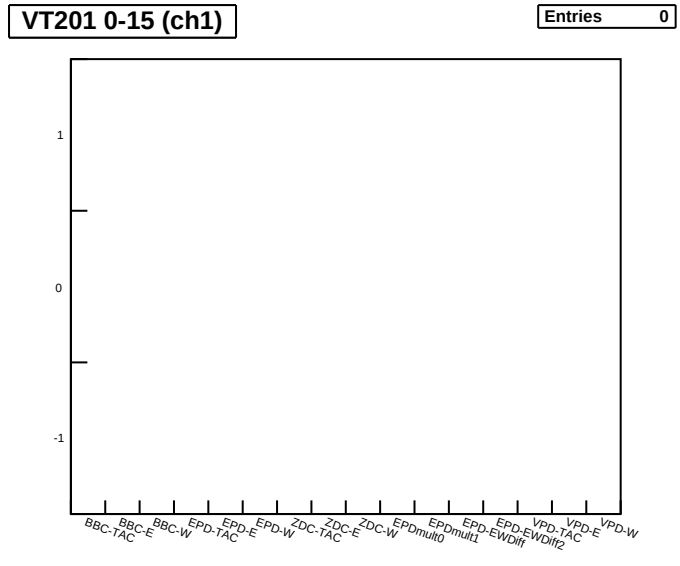

Laser Input Bits
Entries 310837
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

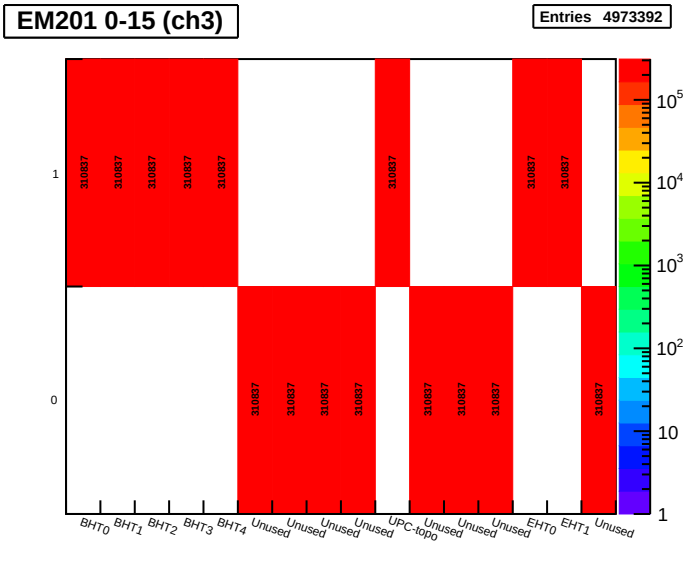

ST201 0-15 (ch6)
Entries 4973392
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
310837
310837
310837
310837
310837
310837
310837
310837
310837
310837
310837
310837
310837
310837
310836
310825
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

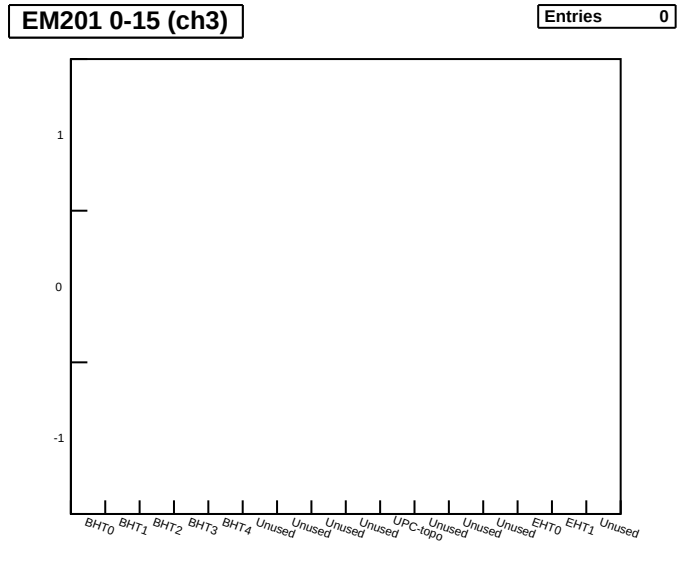

TF201 0-15 (ch0)
Entries 4973392
1
0
310837
307283
294508
273801
290376
264108
263354
260690
310837
310837
310837
310837
310837
310837
3544
26329
37036
101461
46729
47483
50147
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4973392
1
0
123047
219948
269632
253125
306513
305704
685
8354
8761
122
286799
301660
156057
191635
243212
187790
90889
41205
57712
4324
5133
310152
302483
302076
310715
310837
24038
9177
154780
119202
67625
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 4973392
1
0
310837
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1