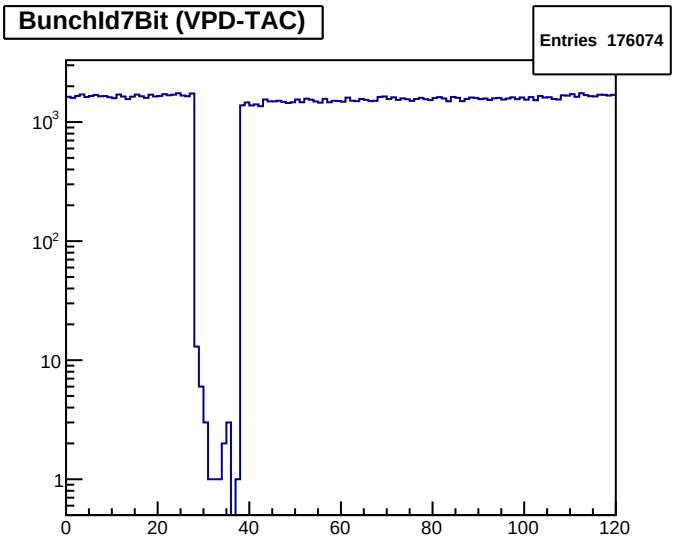
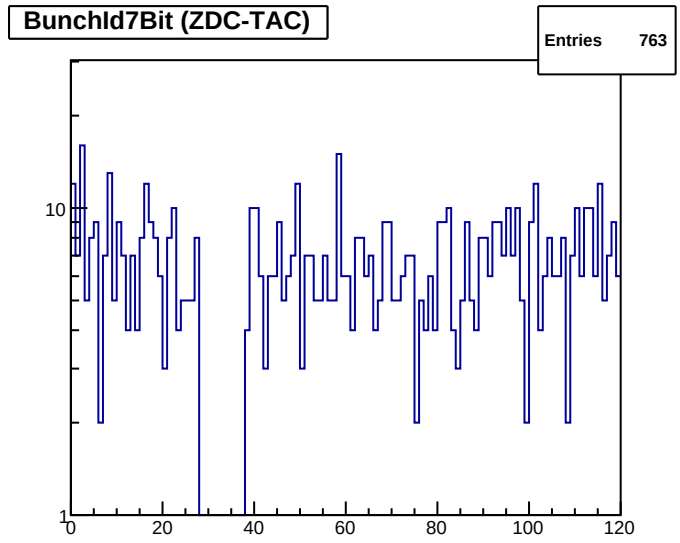
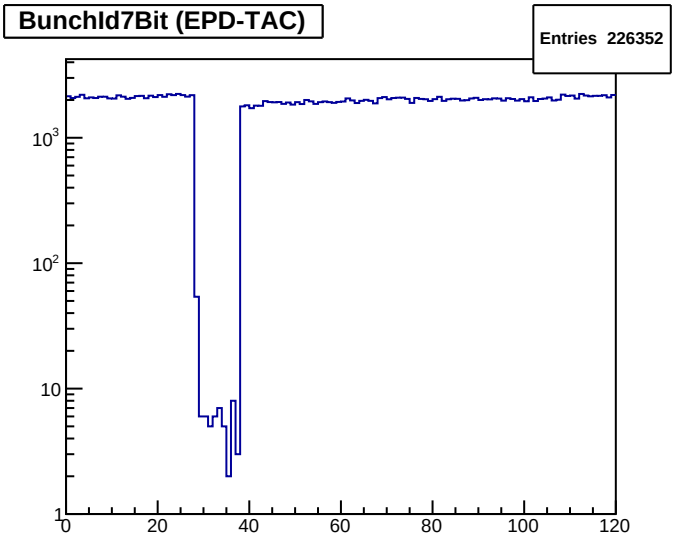
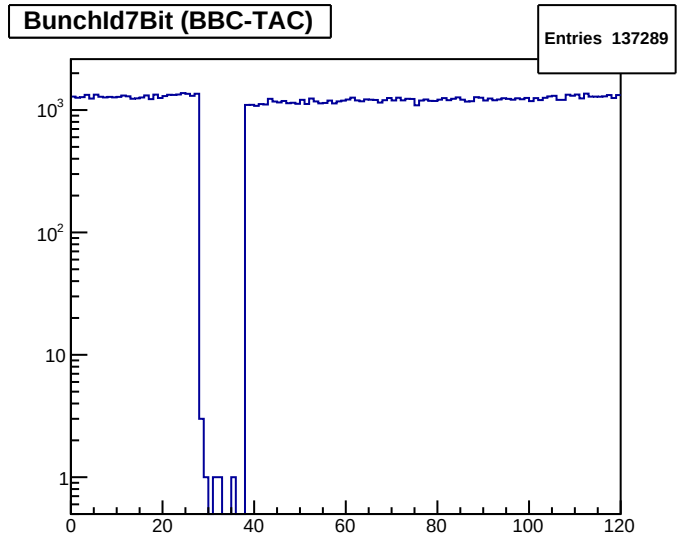
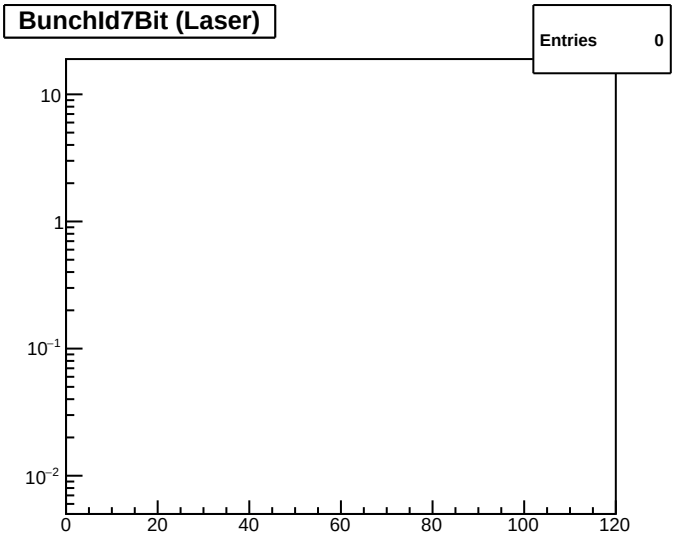
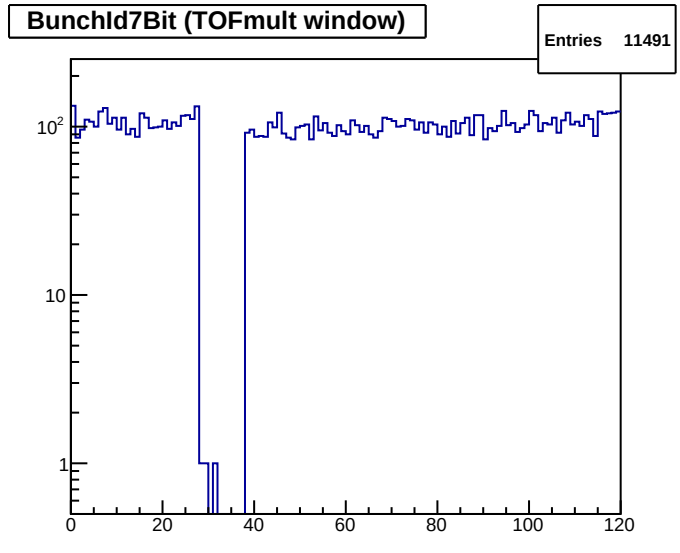

BunchId7Bit (VPD-TAC)
Entries 176074

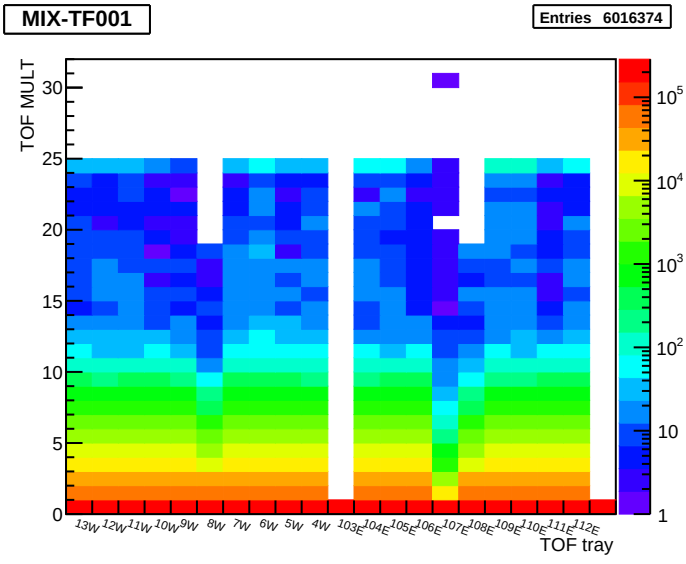

BunchId7Bit (ZDC-TAC)
Entries 763

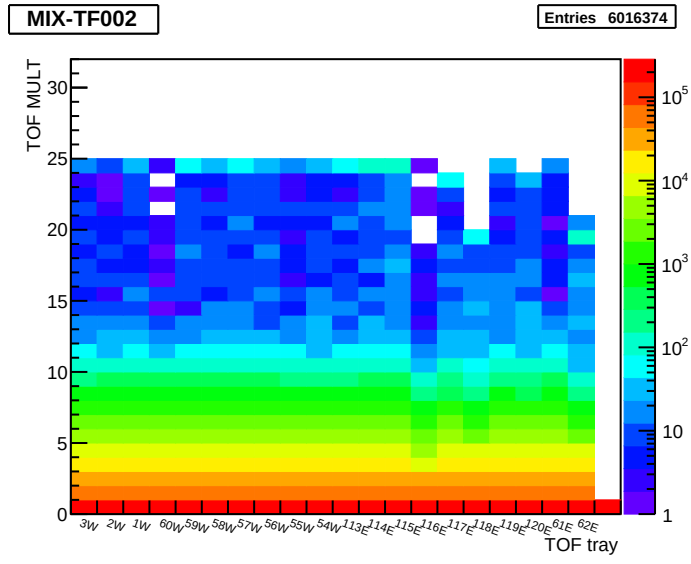

BunchId7Bit (EPD-TAC)
Entries 226352

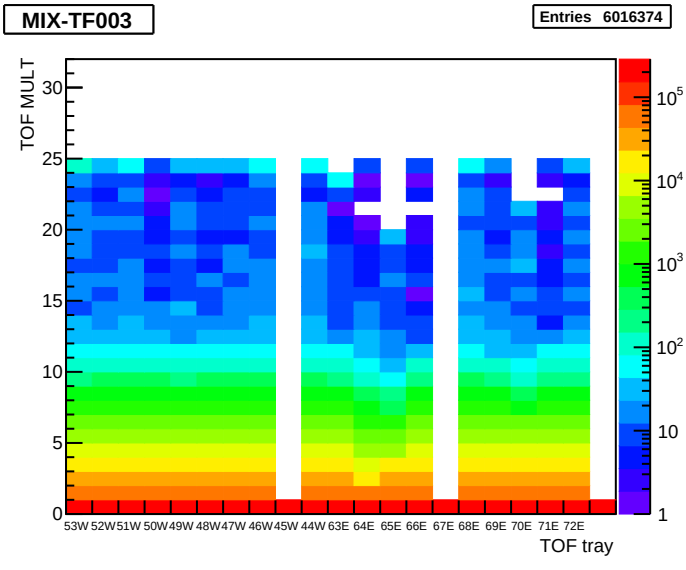

BunchId7Bit (BBC-TAC)
Entries 137289

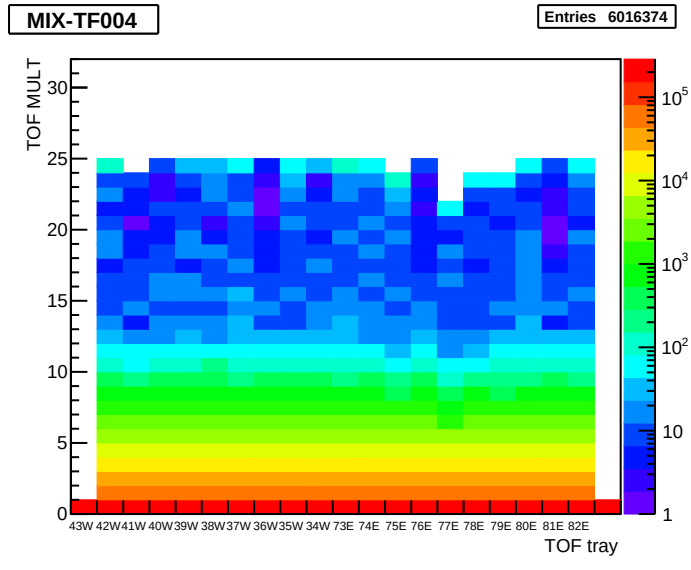

BunchId7Bit (Laser)
Entries 0

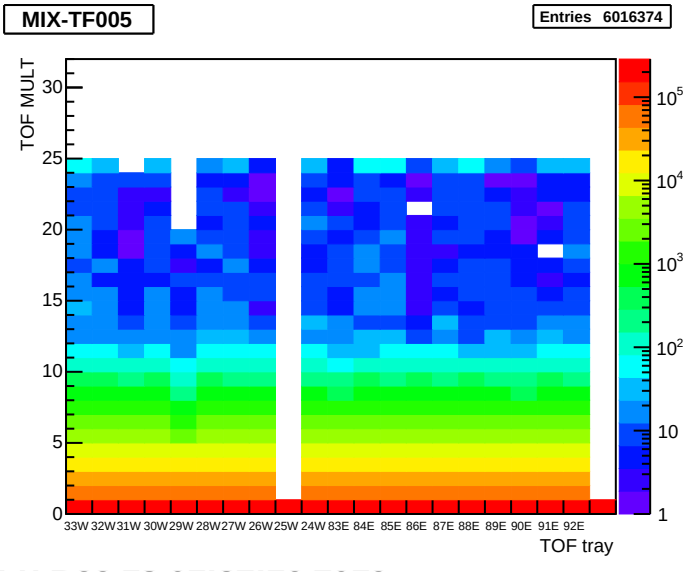

BunchId7Bit (TOFmult window)
Entries 11491

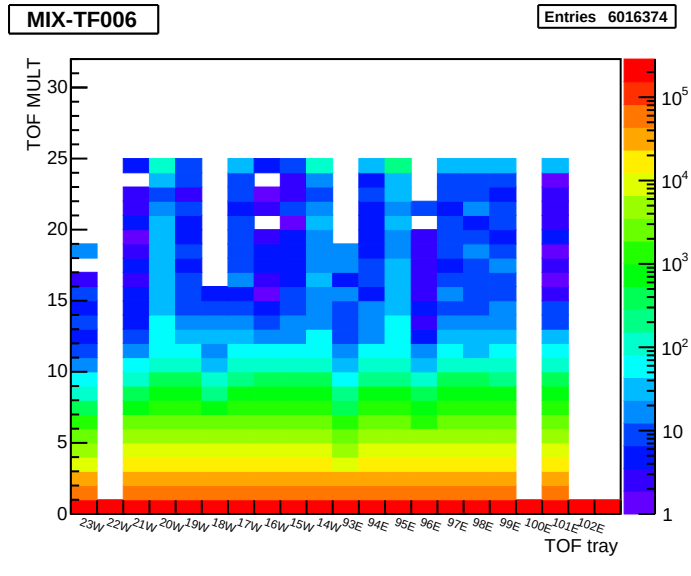

MIX-TF001
Entries 6016374
TOF MULT
TOF tray

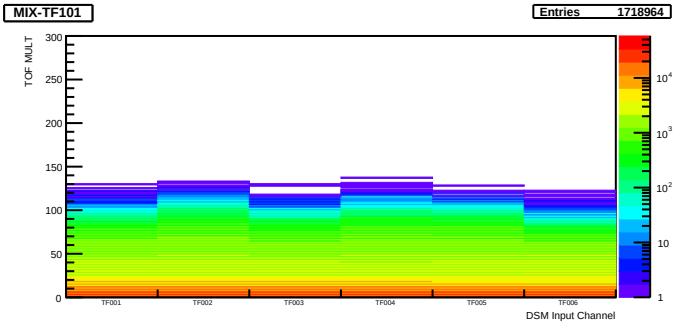

MIX-TF002
Entries 6016374
TOF MULT
TOF tray

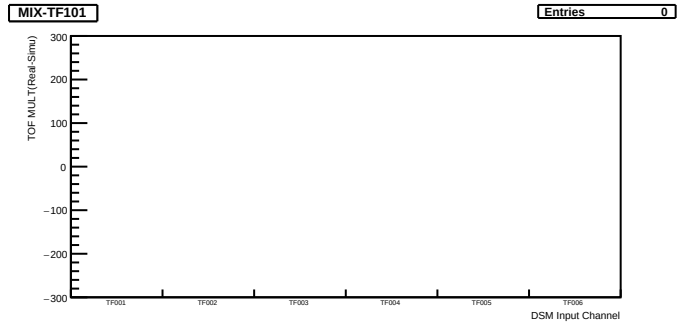

MIX-TF003
Entries 6016374
TOF MULT
TOF tray

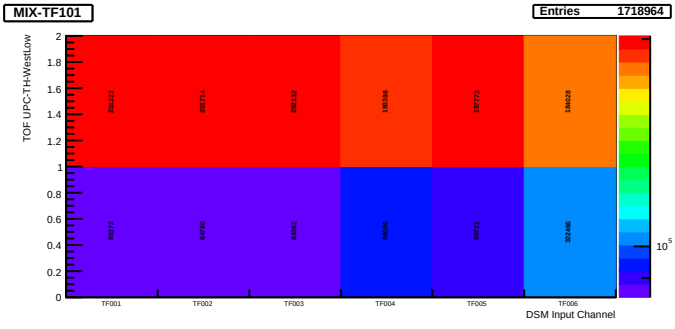

MIX-TF004
Entries 6016374
TOF MULT
TOF tray

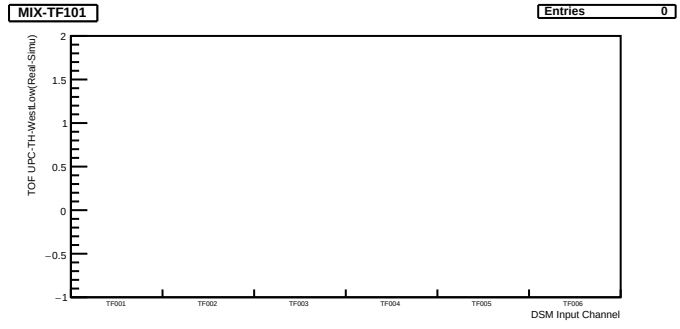

MIX-TF005
Entries 6016374
TOF MULT
TOF tray

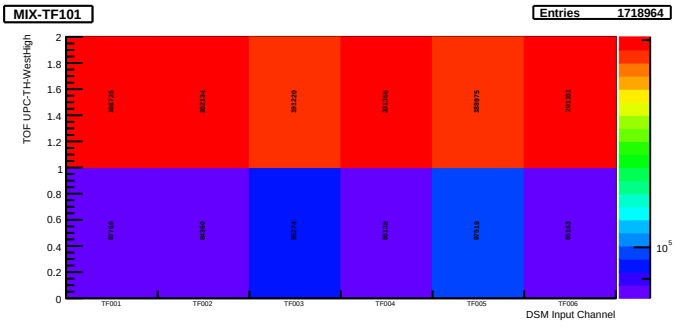

MIX-TF006
Entries 6016374
TOF MULT
TOF tray

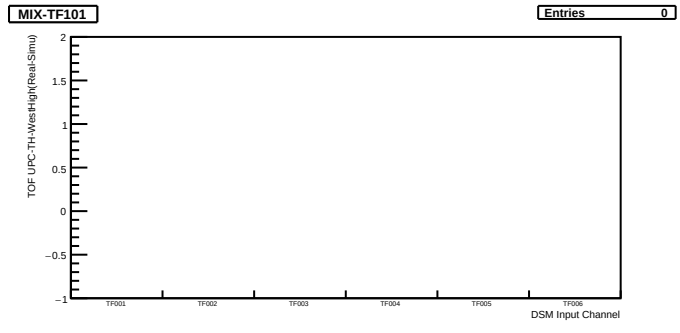

MIX-TF101
Entries 1718964
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

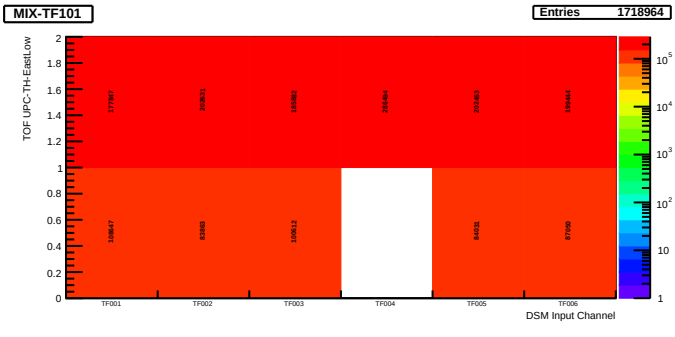

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

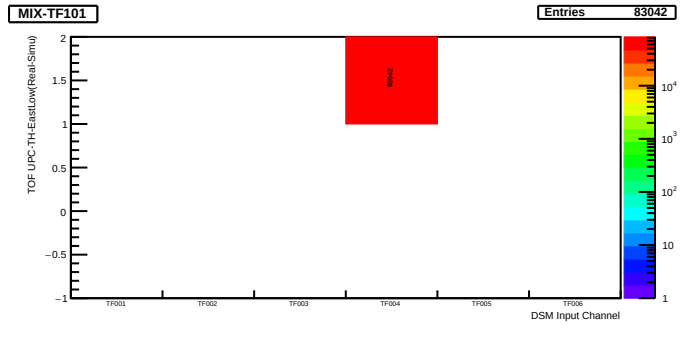

MIX-TF101
Entries 1718964
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

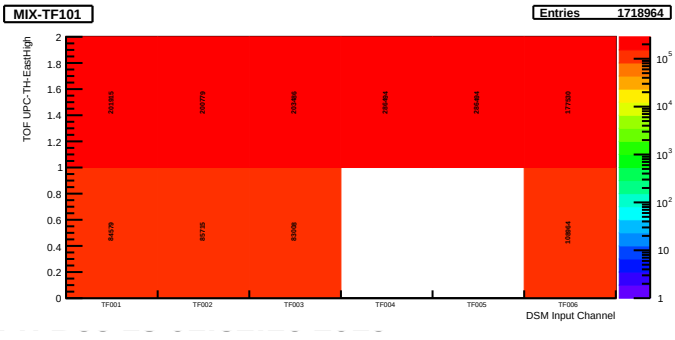

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

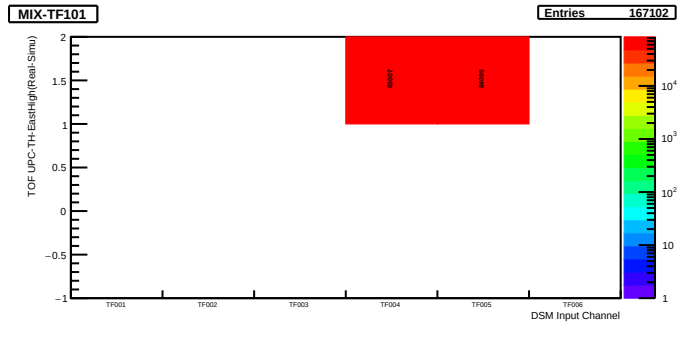

MIX-TF101
Entries 1718964
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

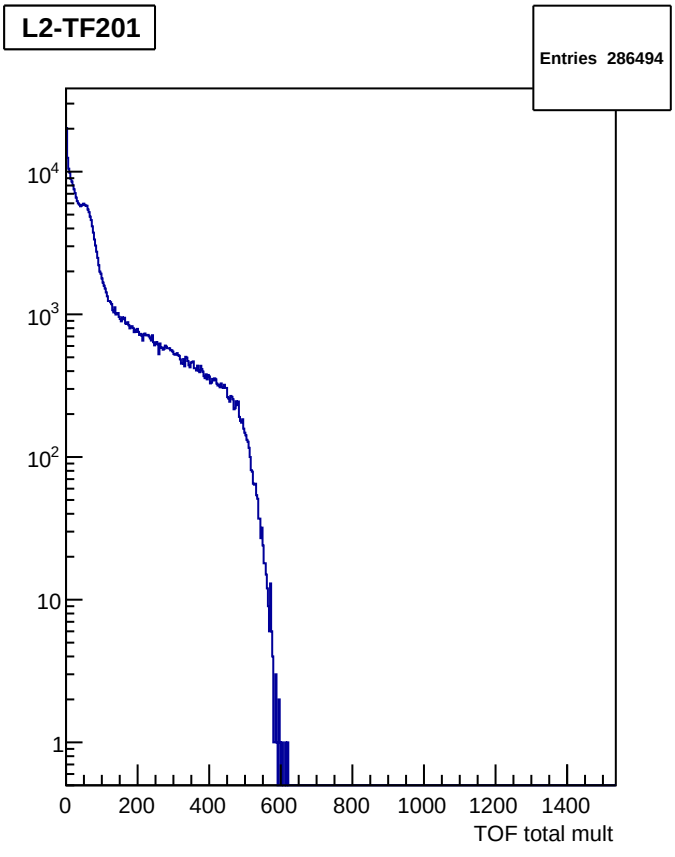

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

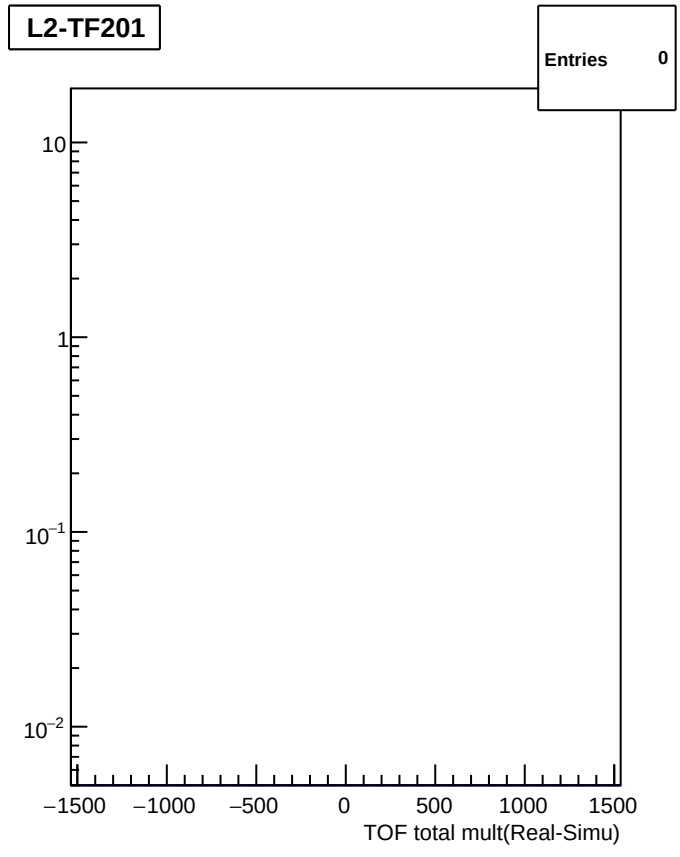

MIX-TF101
Entries 1718964
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

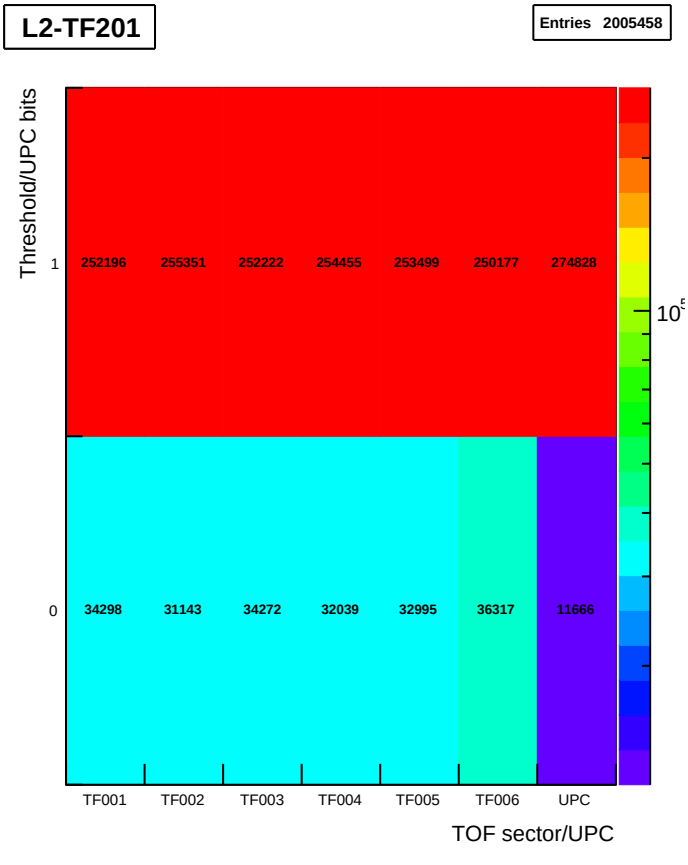

MIX-TF101
Entries 83042
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

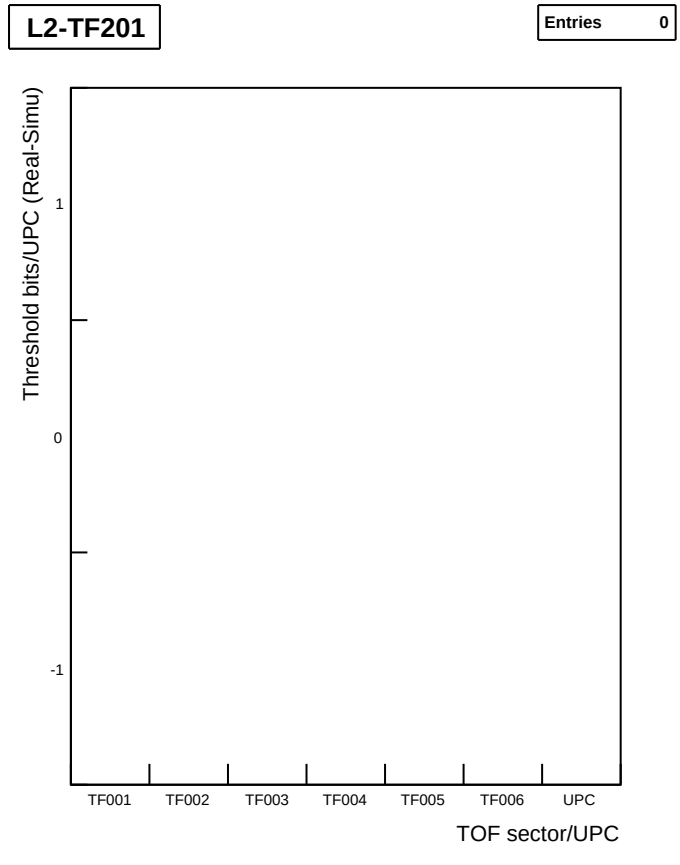

MIX-TF101
Entries 1718964
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

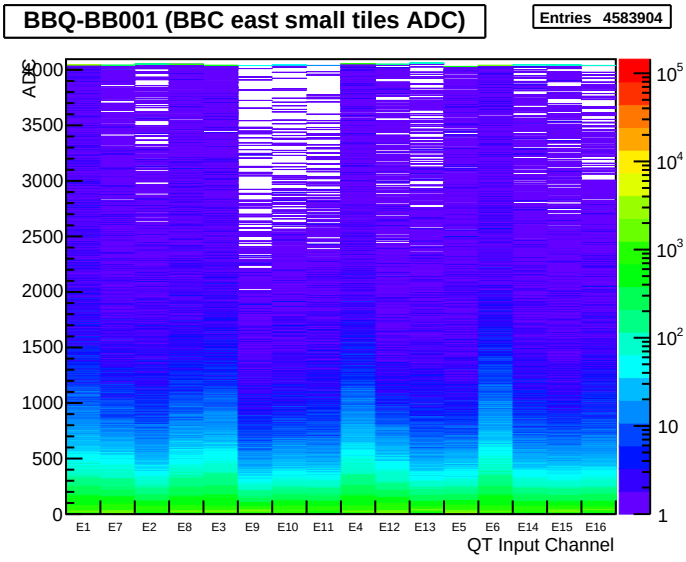

MIX-TF101
Entries 167102
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

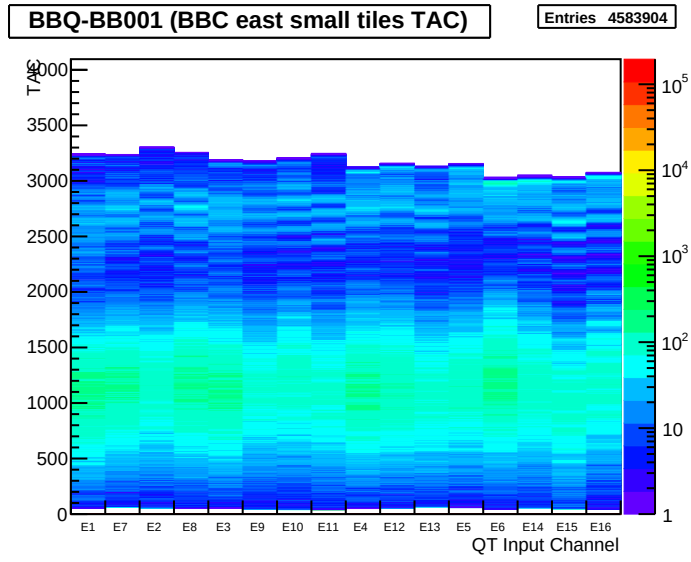

L2-TF201
Entries 286494
TOF total mult

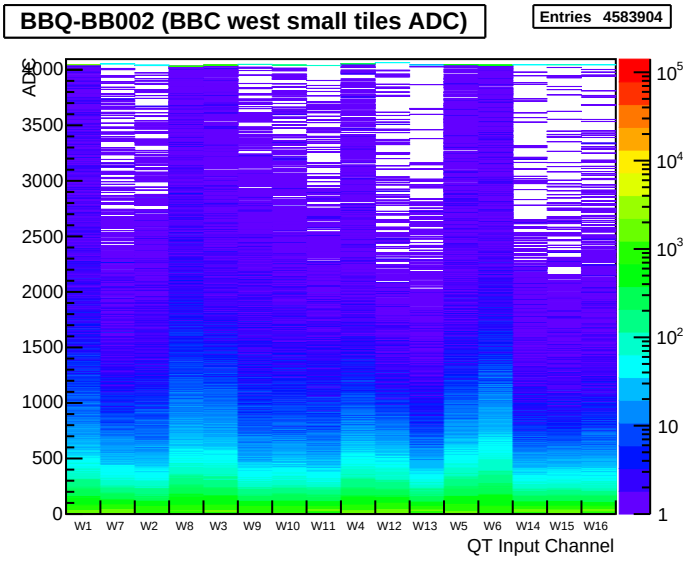

L2-TF201
Entries 0
TOF total mult(Real-Simu)

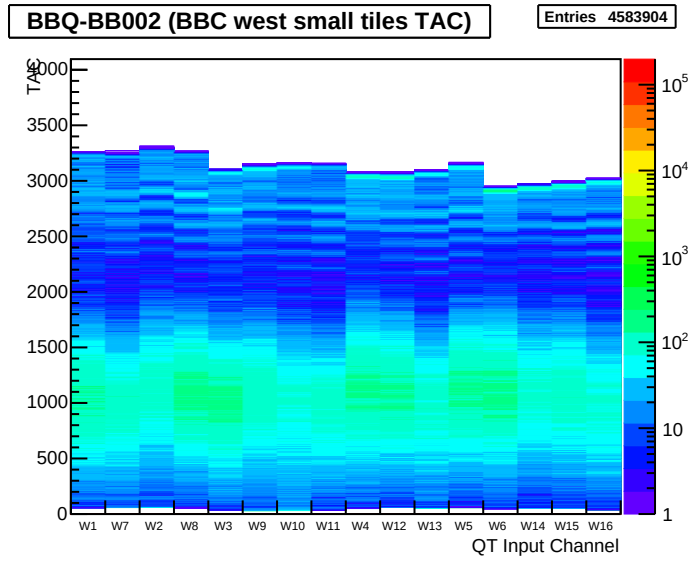

L2-TF201
Entries 2005458
Threshold/UPC bits
252196
255351
252222
254455
253499
250177
274828
34298
31143
34272
32039
32995
36317
11666
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

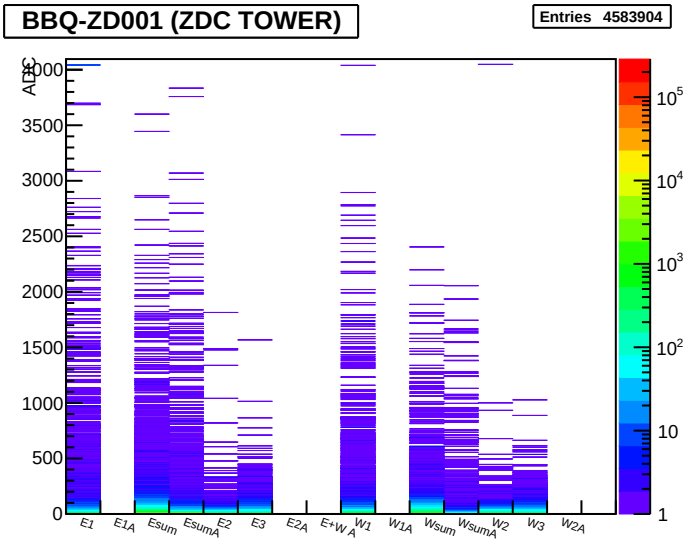

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

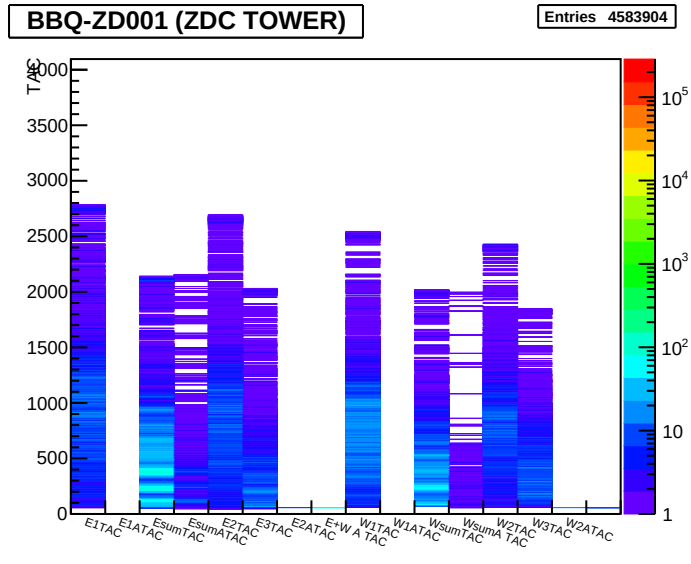

BBQ-BB001 (BBC east small tiles ADC)
Entries 4583904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

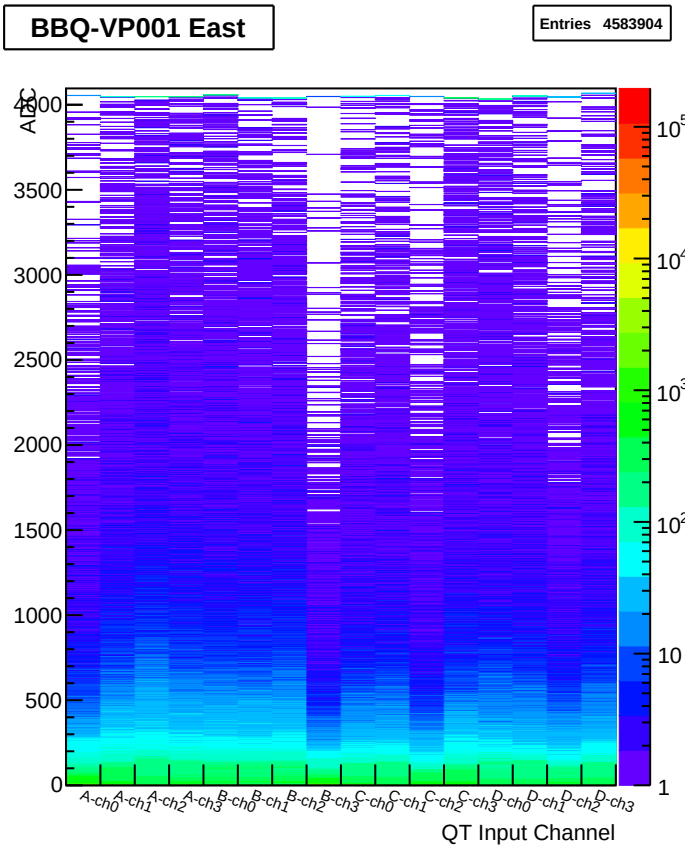

BBQ-BB001 (BBC east small tiles TAC)
Entries 4583904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

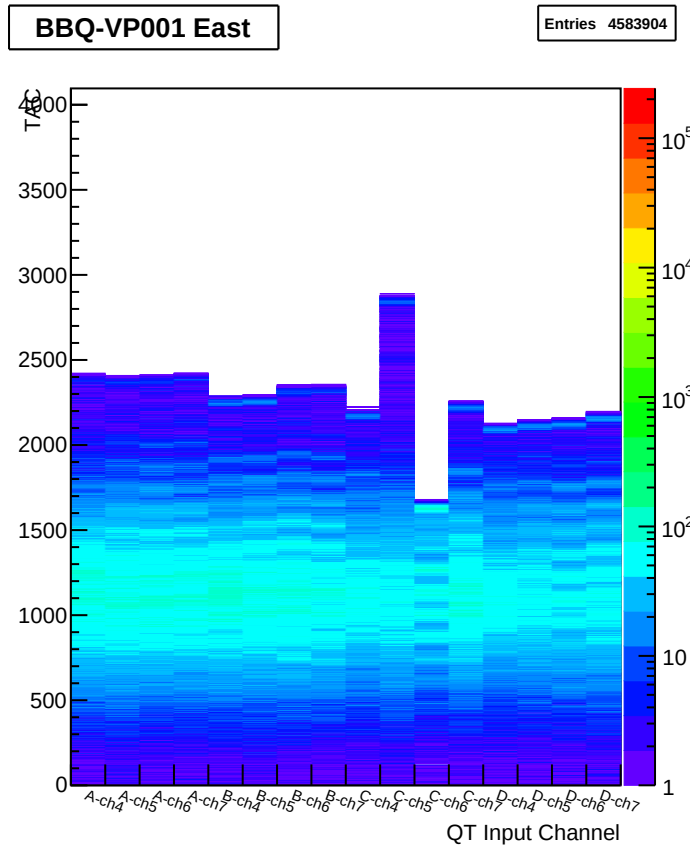

BBQ-BB002 (BBC west small tiles ADC)
Entries 4583904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

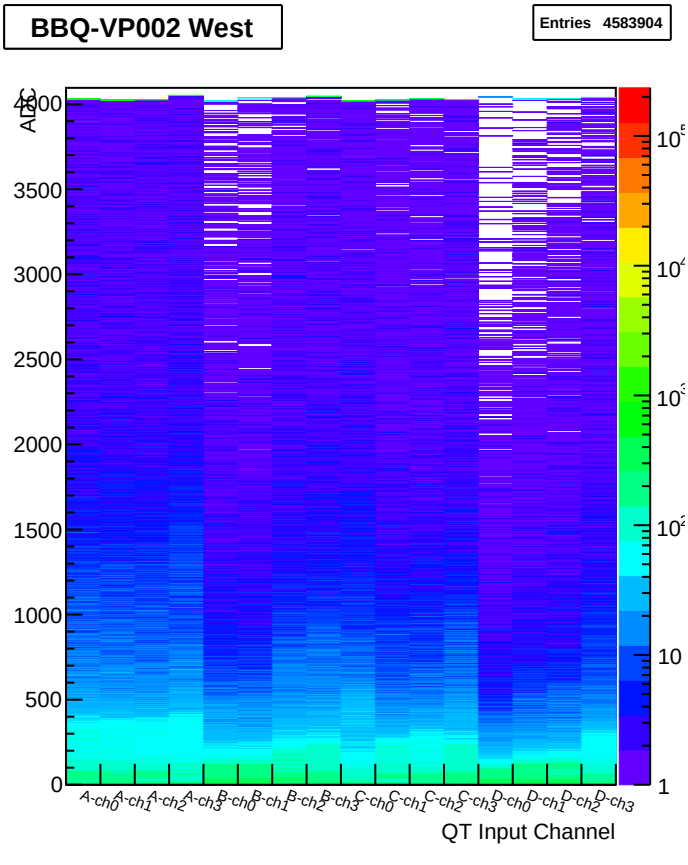

BBQ-BB002 (BBC west small tiles TAC)
Entries 4583904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

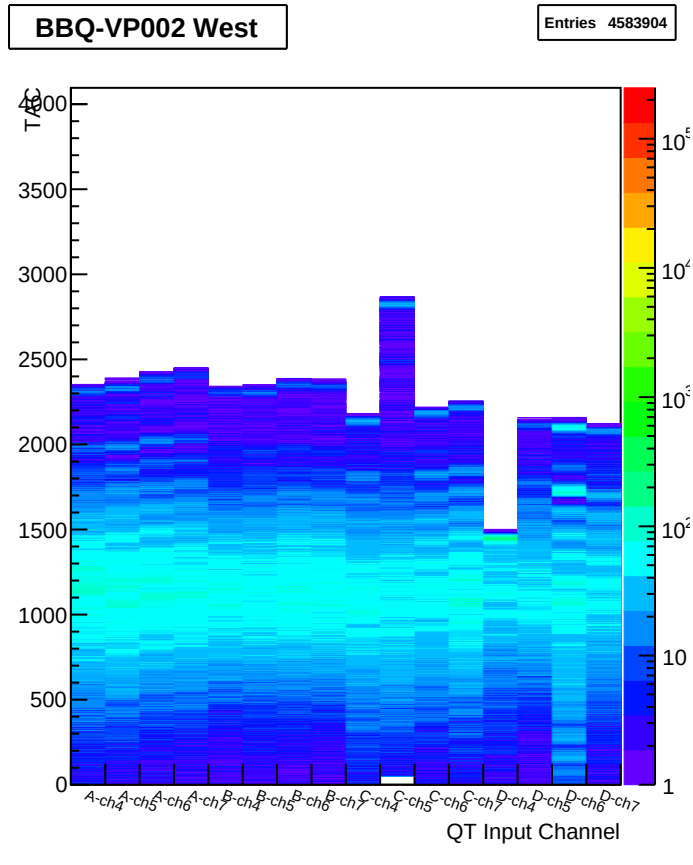

BBQ-ZD001 (ZDC TOWER)
Entries 4583904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

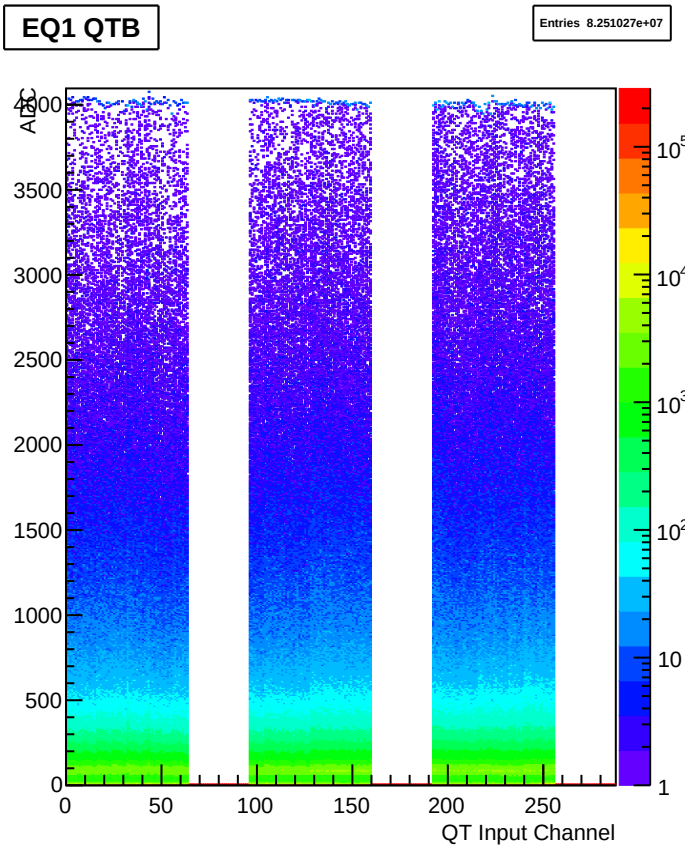

BBQ-ZD001 (ZDC TOWER)
Entries 4583904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

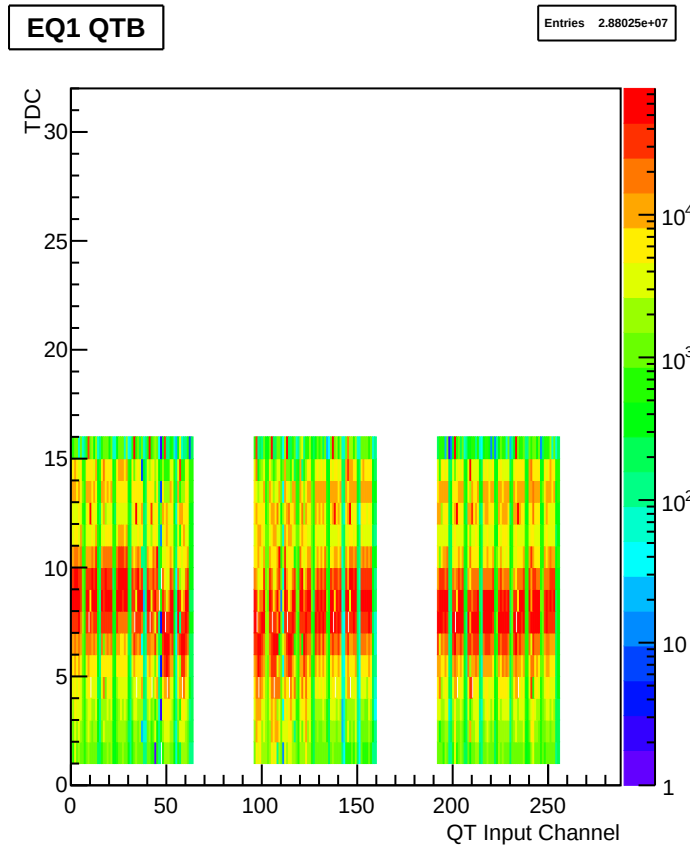

BBQ-VP001 East
Entries 4583904
ADC
QT Input Channel

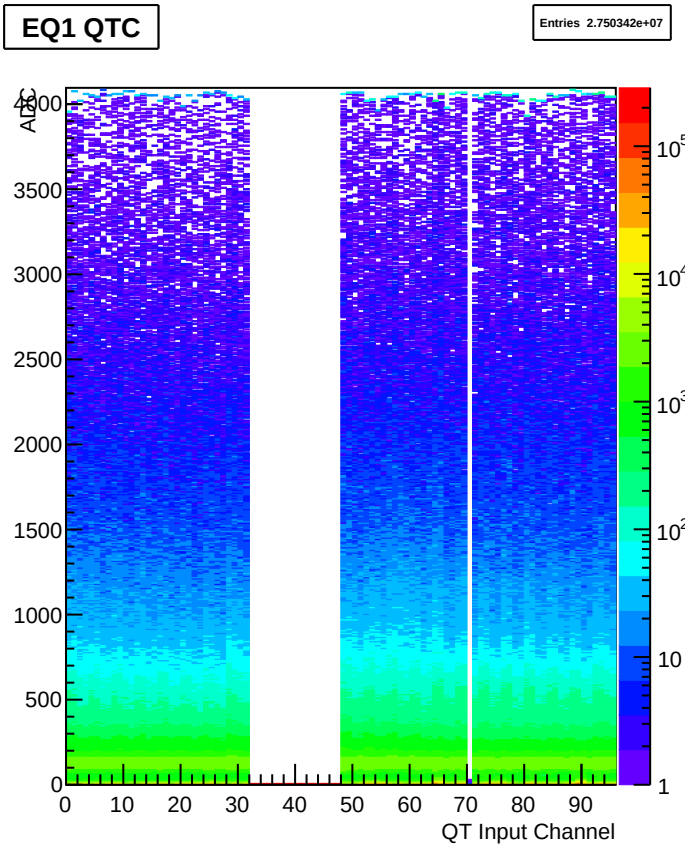

BBQ-VP001 East
Entries 4583904
TADC
QT Input Channel

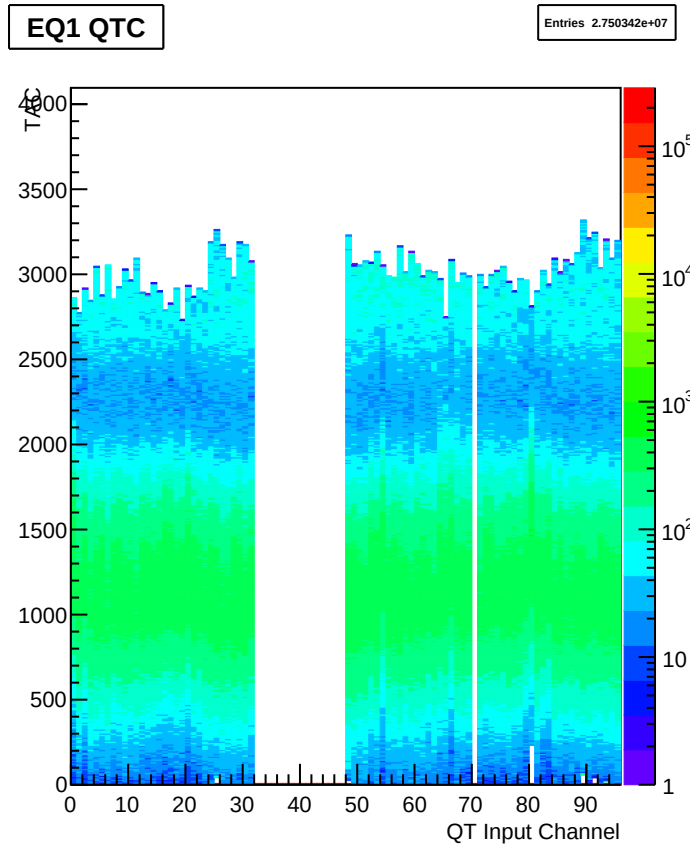

BBQ-VP002 West
Entries 4583904
ADC
QT Input Channel

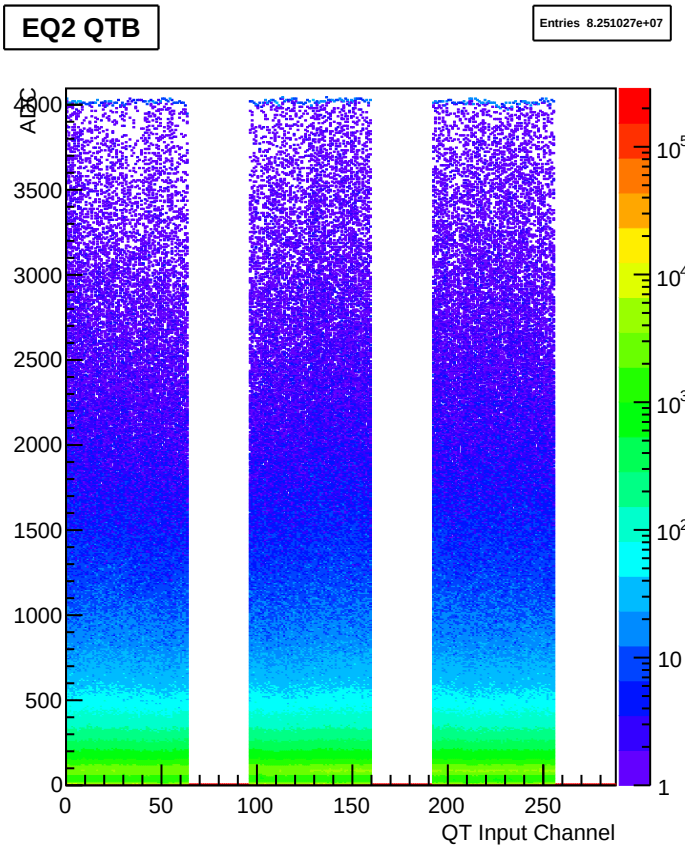

BBQ-VP002 West
Entries 4583904
TADC
QT Input Channel

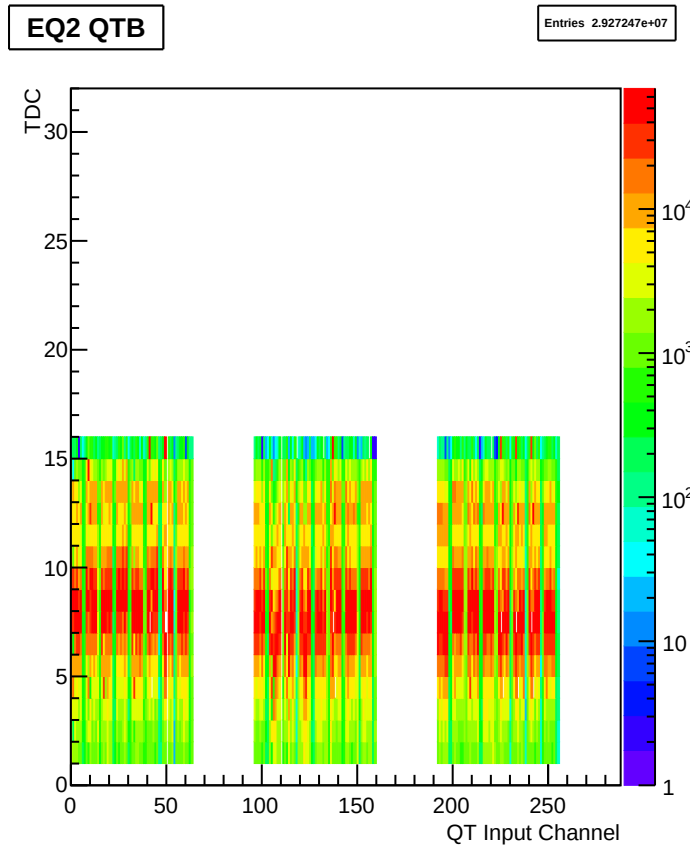

EQ1 QTB
Entries 8.251027e+07
ADC
QT Input Channel

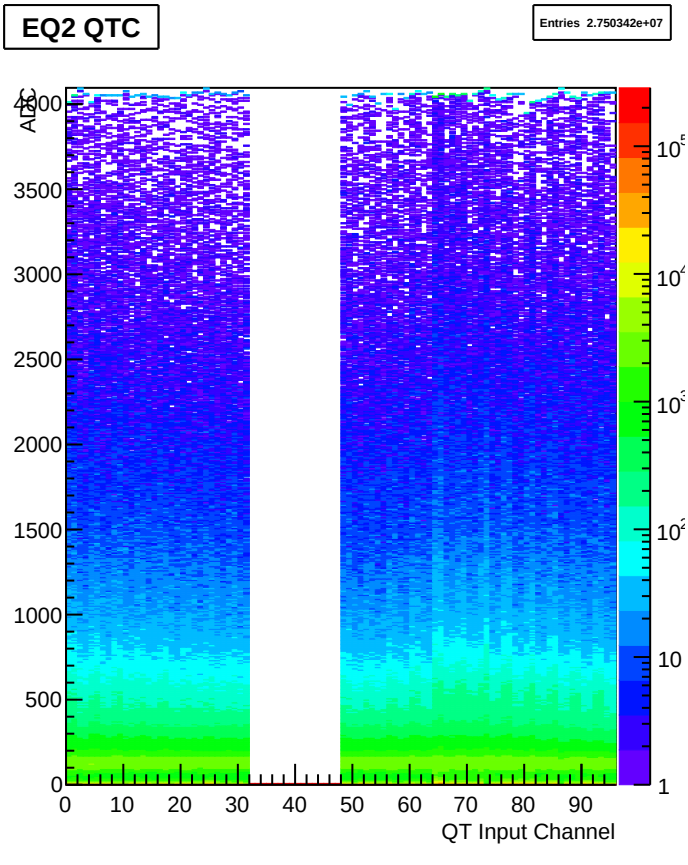

EQ1 QTB
Entries 2.88025e+07
TDC
QT Input Channel

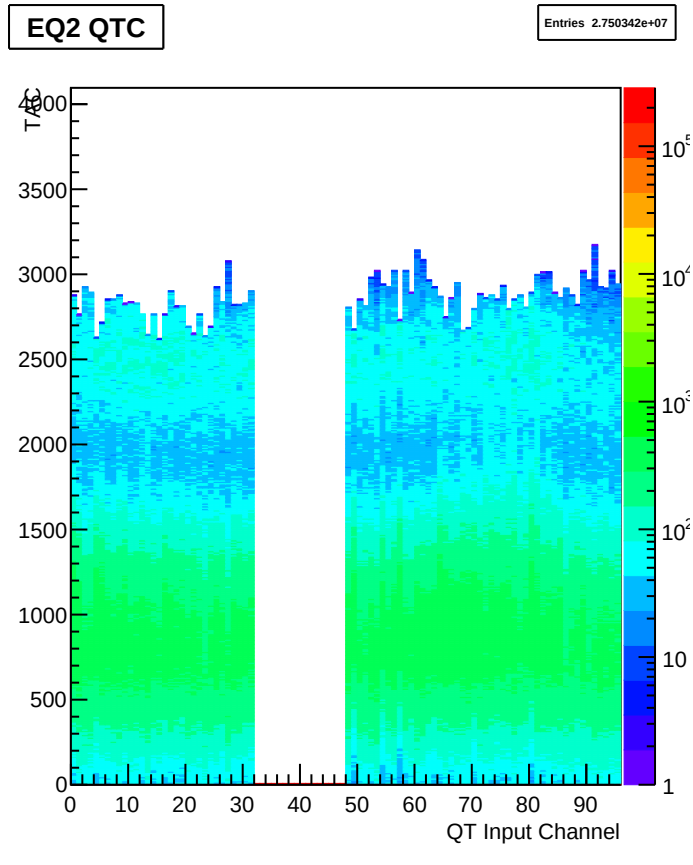

EQ1 QTC
Entries 2.750342e+07
ADC
QT Input Channel

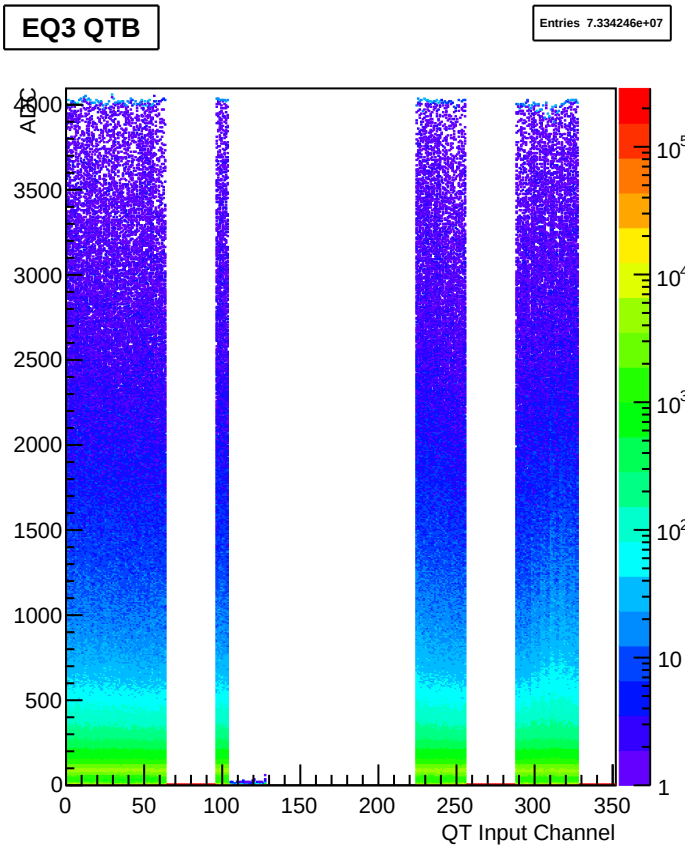

EQ1 QTC
Entries 2.750342e+07
TADC
QT Input Channel

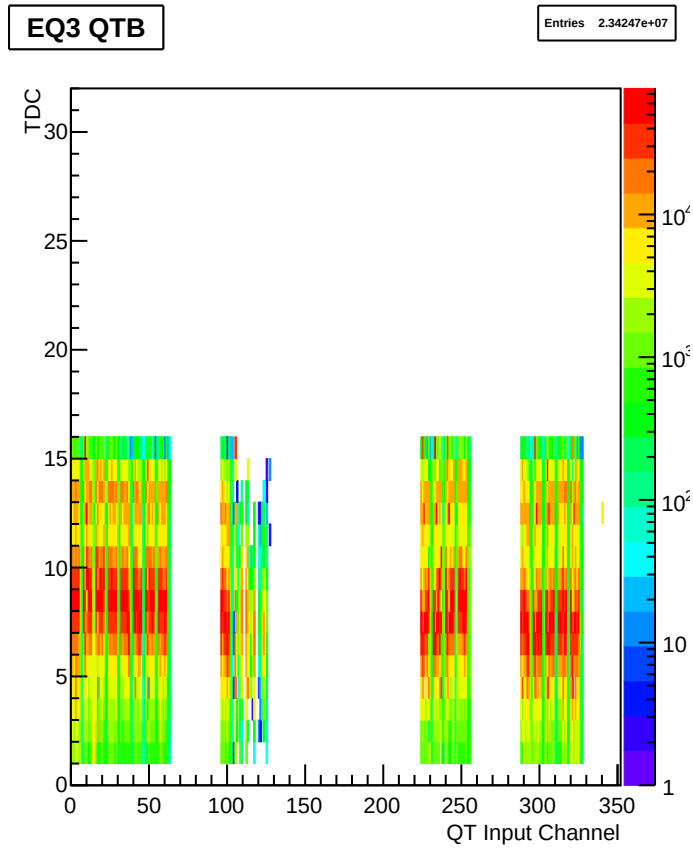

EQ2 QTB
Entries 8.251027e+07
ADC
QT Input Channel

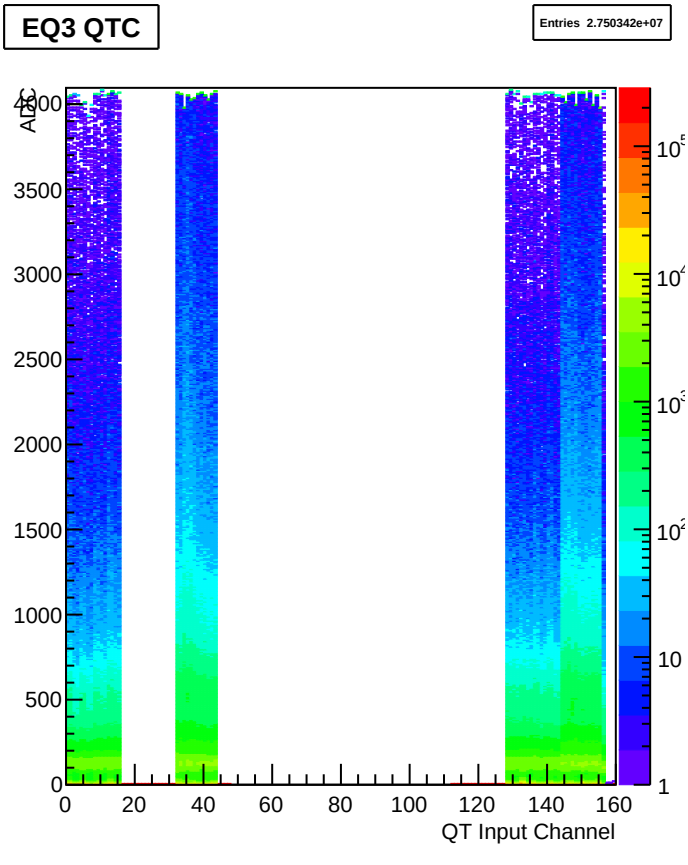

EQ2 QTB
Entries 2.927247e+07
TDC
QT Input Channel

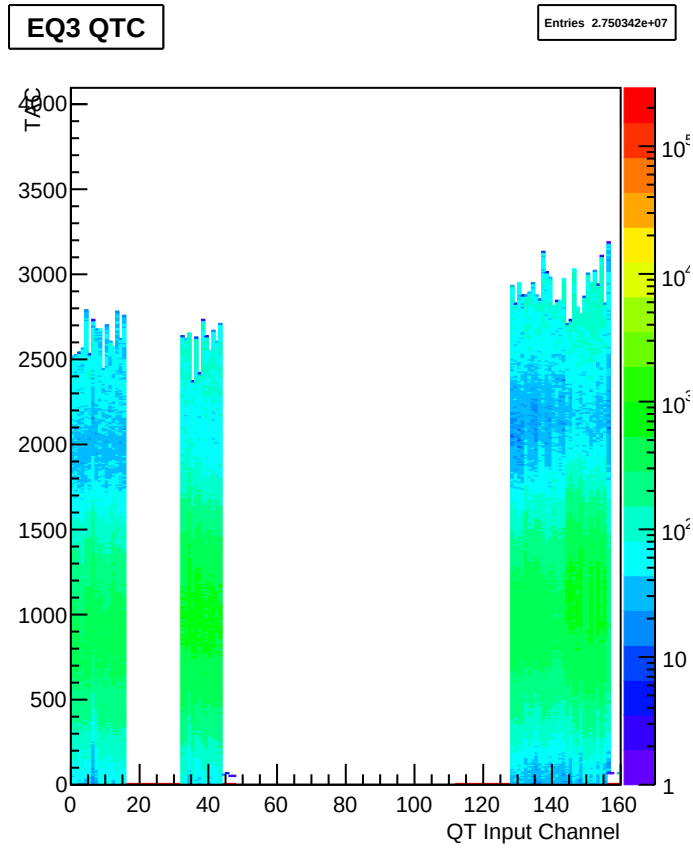

EQ2 QTC
Entries 2.750342e+07
ADC
QT Input Channel

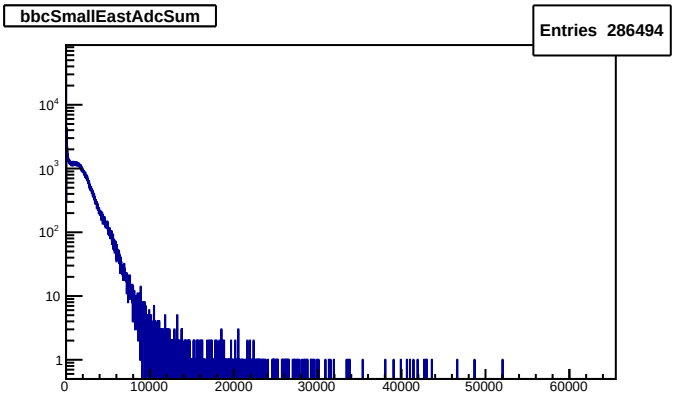

EQ2 QTC
Entries 2.750342e+07
TADC
QT Input Channel

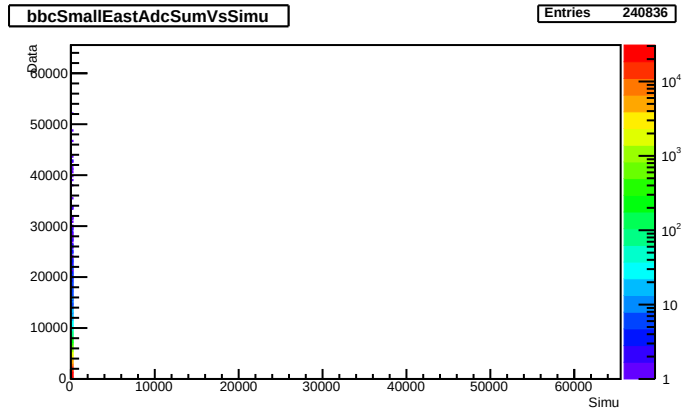

EQ3 QTB
Entries 7.334246e+07
ADC
QT Input Channel

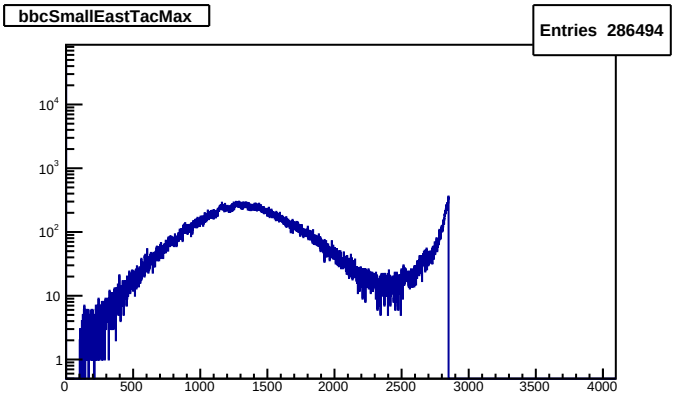

EQ3 QTB
Entries 2.34247e+07
TDC
QT Input Channel

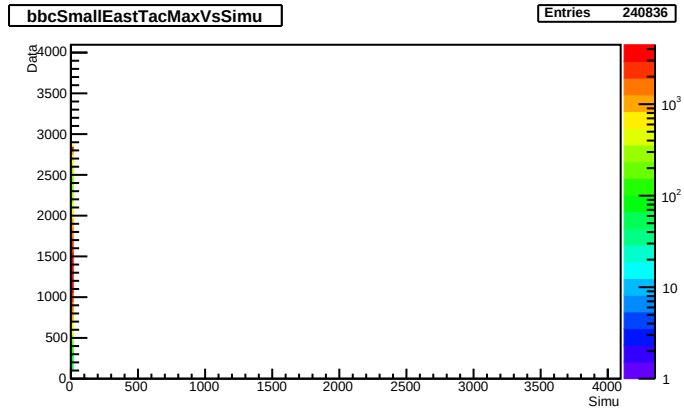

EQ3 QTC
Entries 2.750342e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.750342e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 286494


bbcSmallEastAdcSumVsSimu
Entries 240836
Data
Simu


bbcSmallEastTacMax
Entries 286494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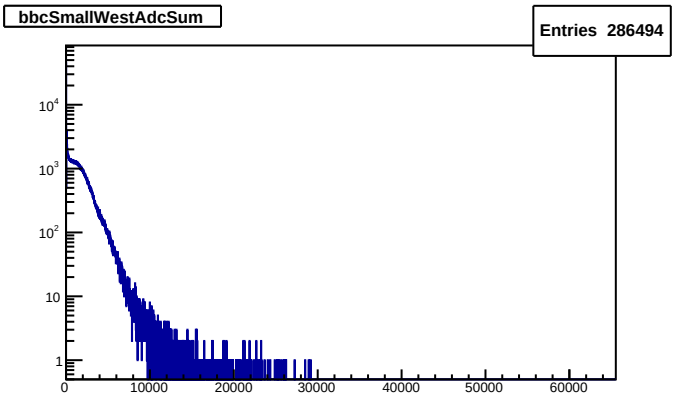
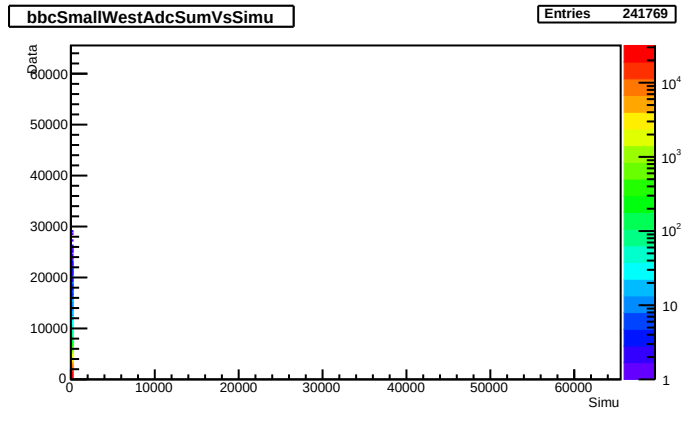
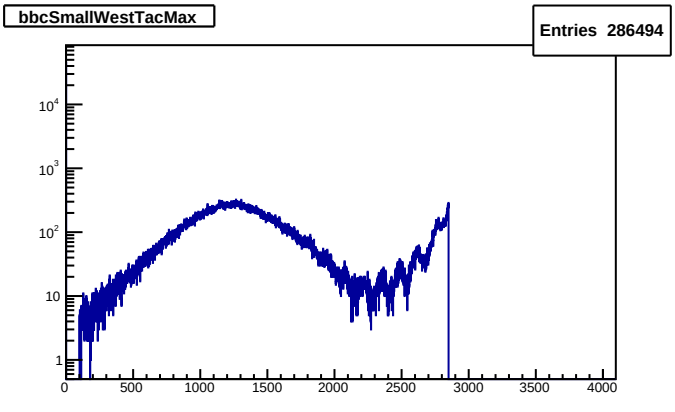
Entries 240836
Data
Simu


bbcSmallWestAdcSum
Entries 286494


bbcSmallWestAdcSumVsSimu
Entries 241769
Data
Simu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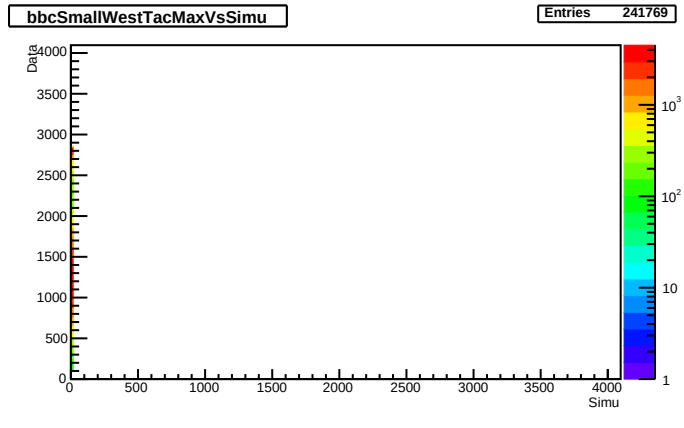
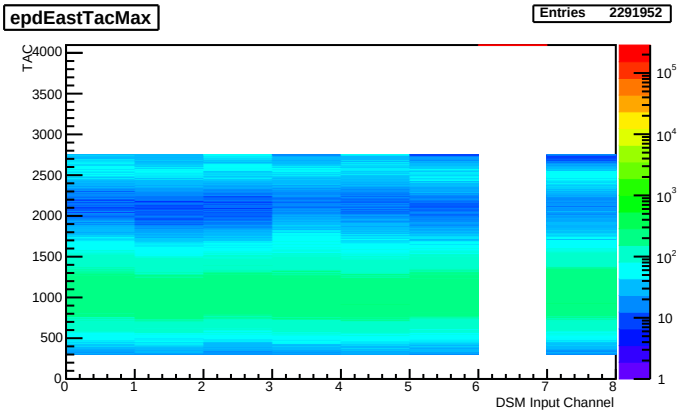
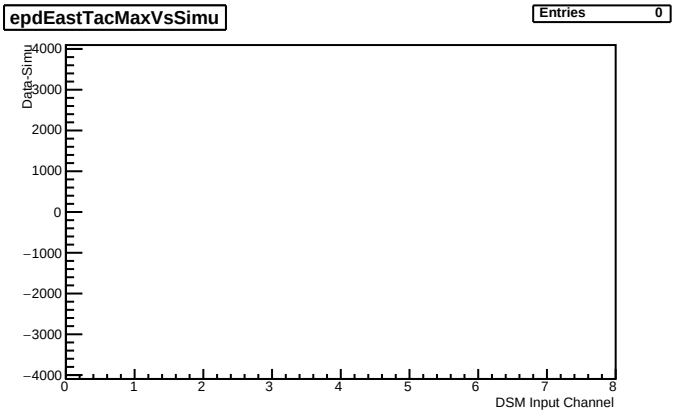
Entries 286494


bbcSmallWestTacMaxVsSimu
Entries 241769
Data
Simu


epdEastTacMax
Entries 2291952
TAC
DSM Input Channel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Entries 0
Data-Simu
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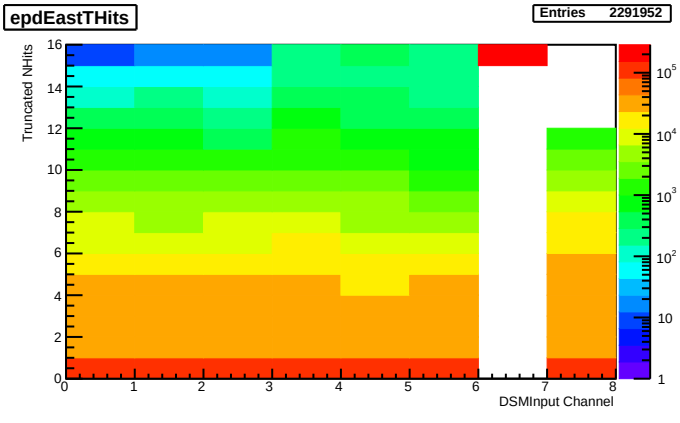
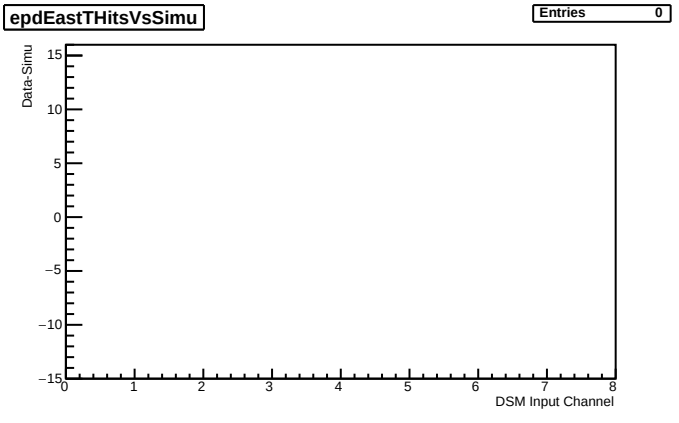

epdEastTHits
Entries 2291952
Truncated NHits
DSMInput Channel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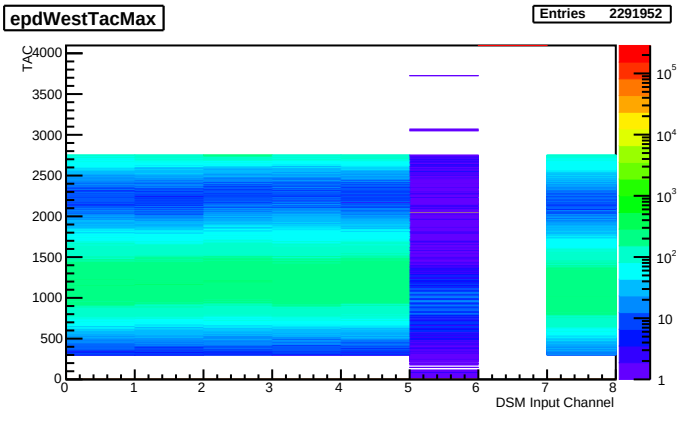
Data-Simu
DSM Input Channel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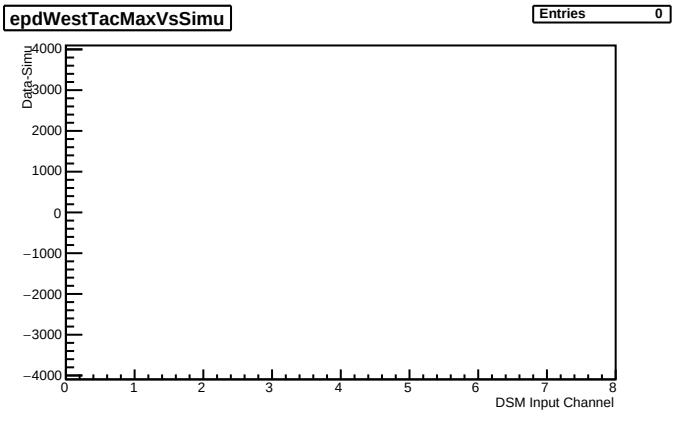
Entries 2291952
TAC
DSM Input Channel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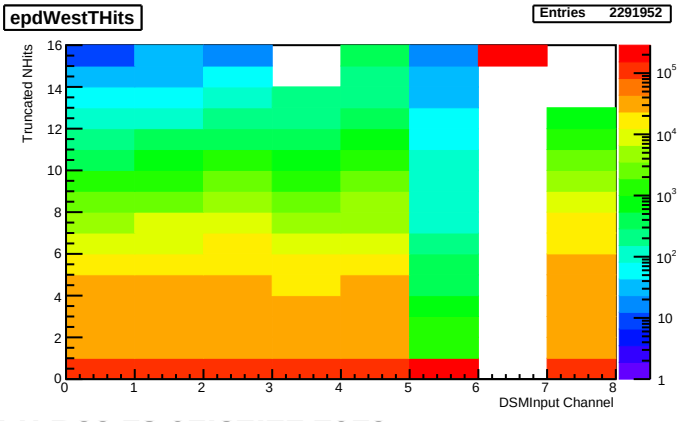
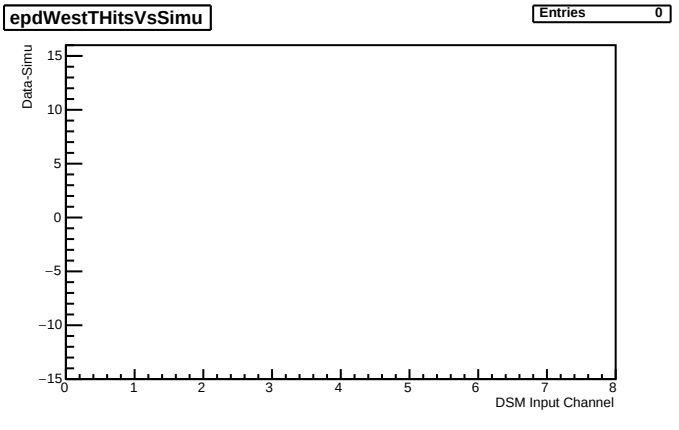
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2291952
Truncated NHits
DSMInput Channel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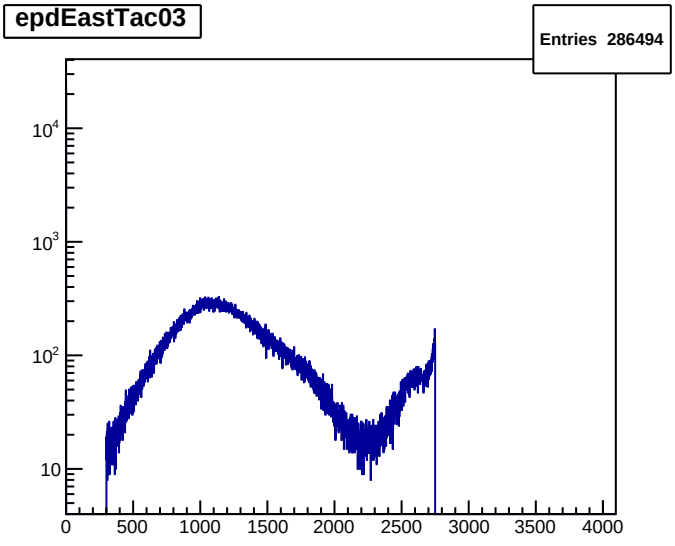
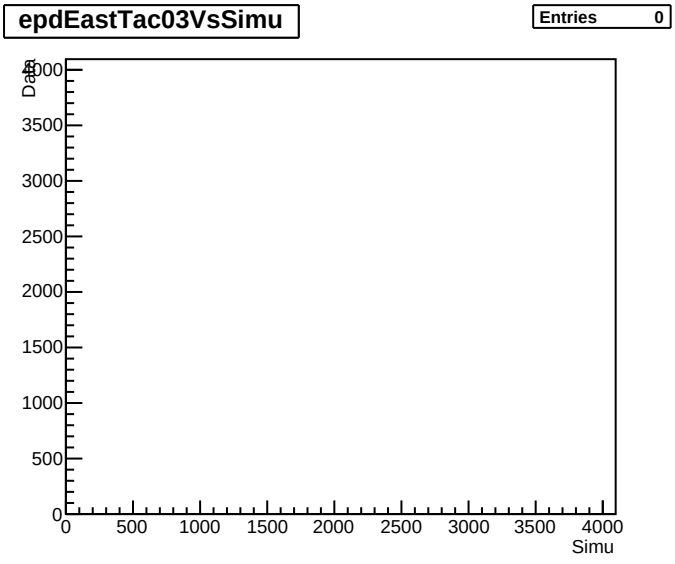
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 286494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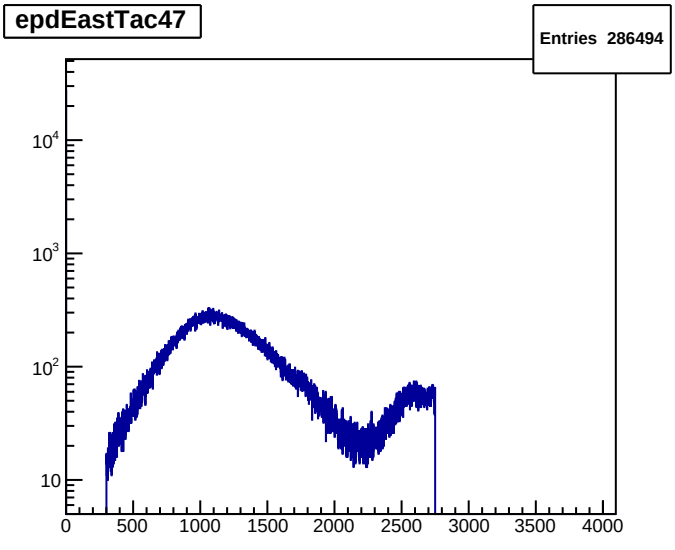
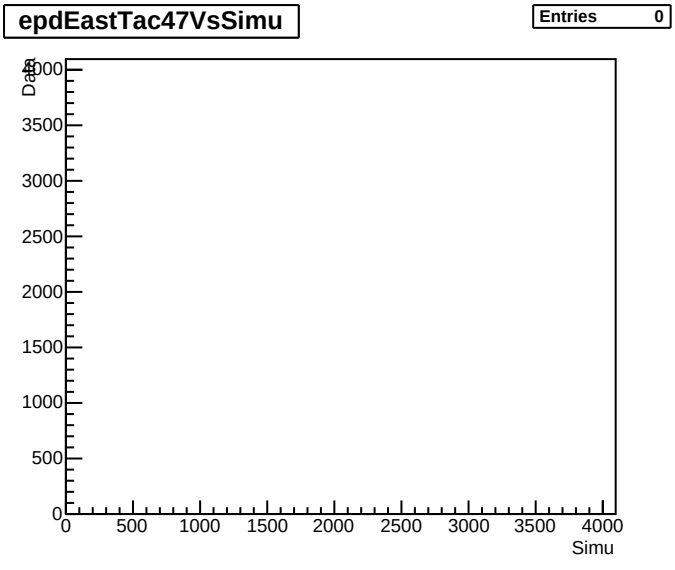
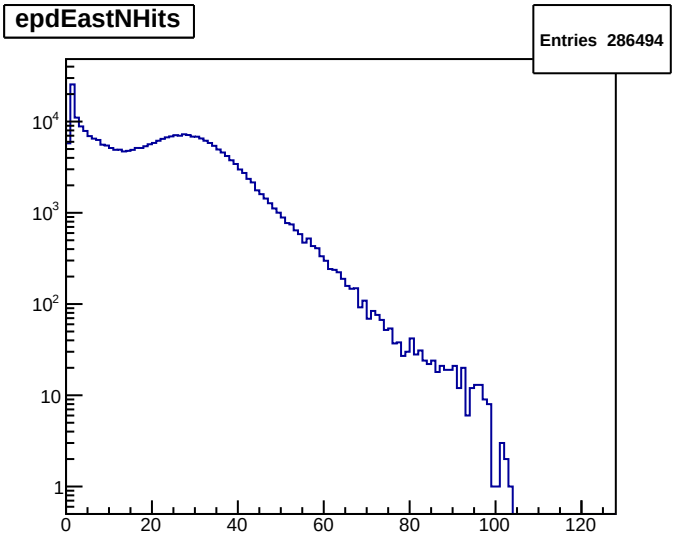
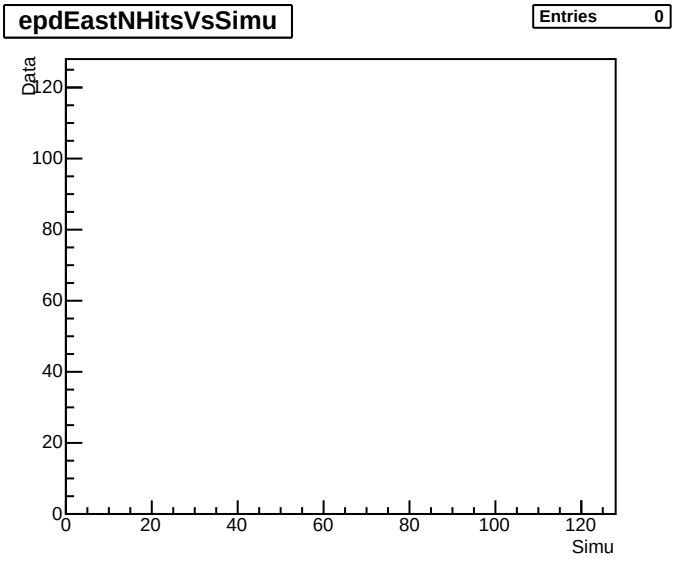
Entries 0
Data
Simu


epdEastTac47
Entries 286494


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 286494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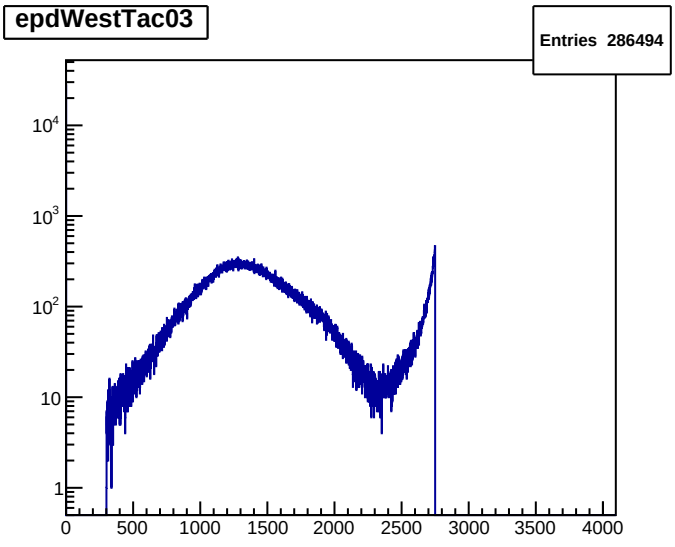
Entries 0
Data
Simu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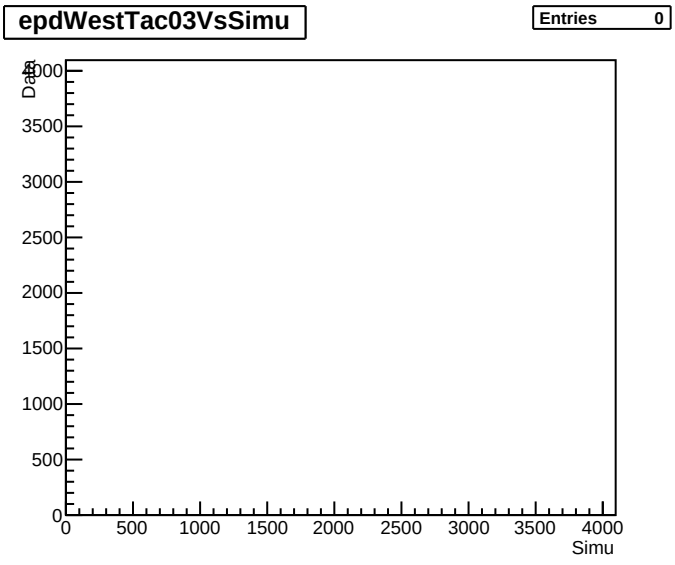
Entries 286494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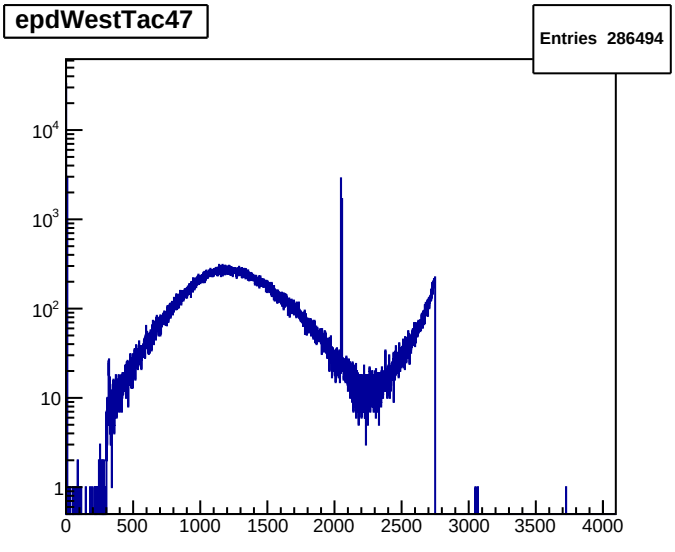
Entries 0
Data
Simu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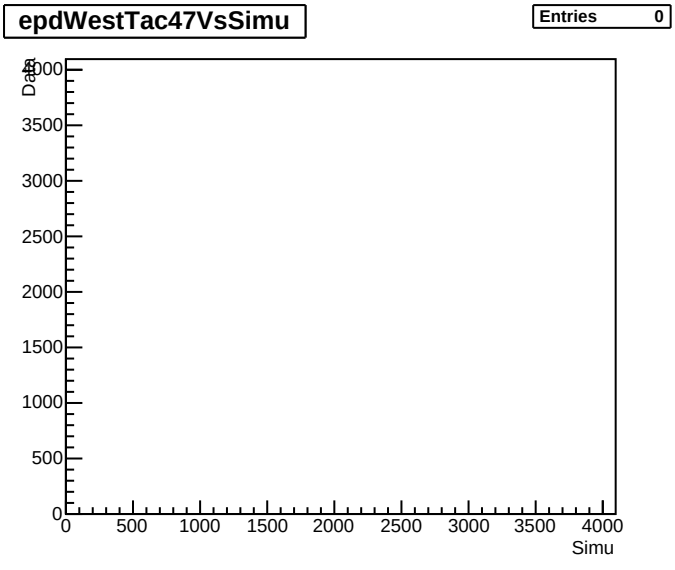
Entries 286494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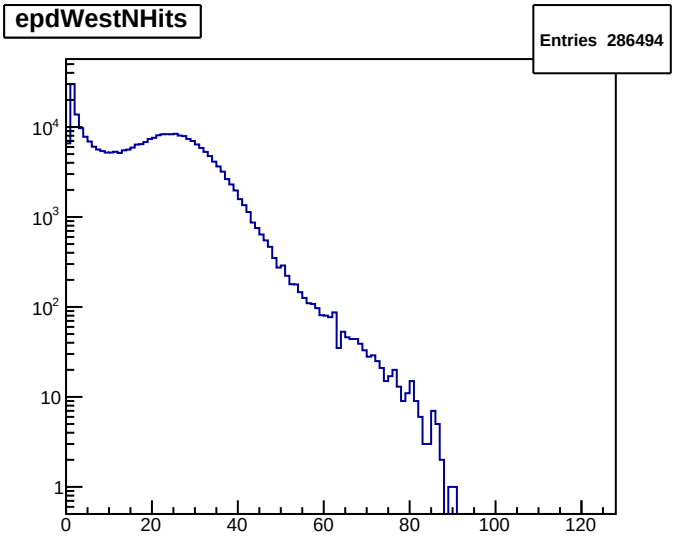
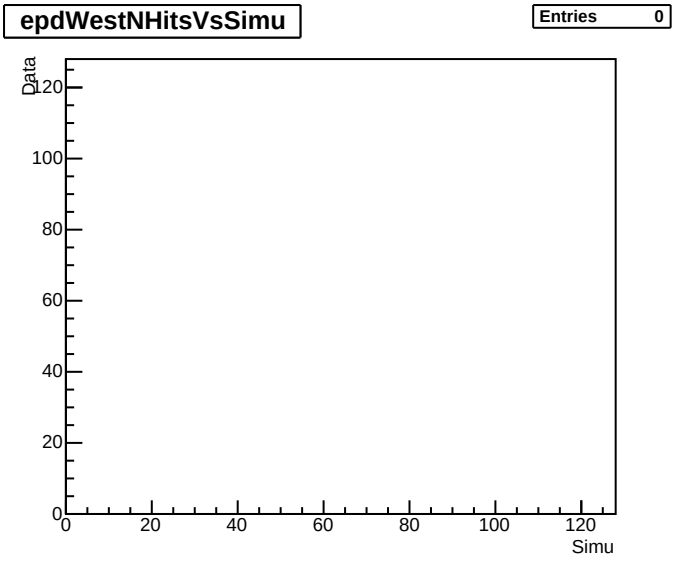
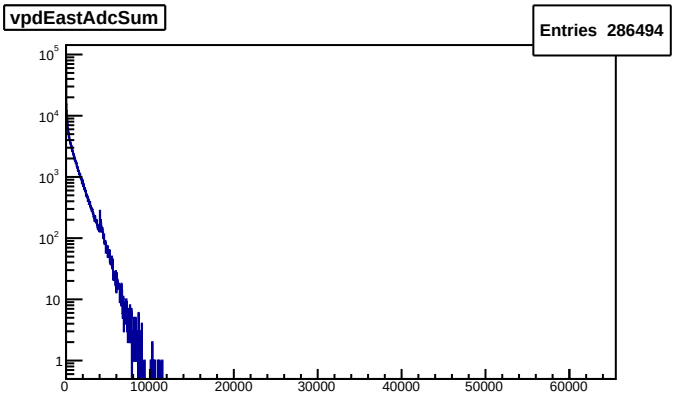
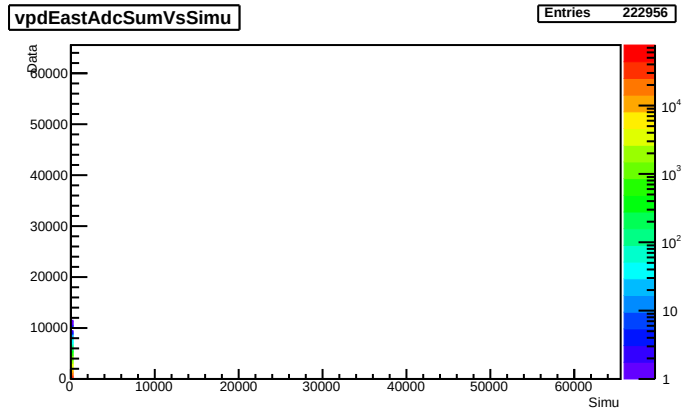
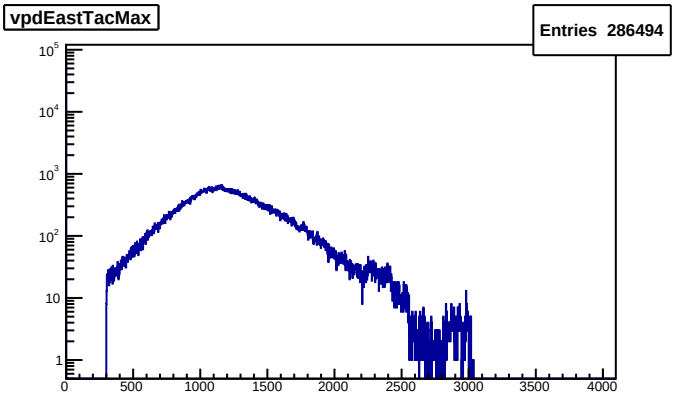
Entries 0
Data
Simu

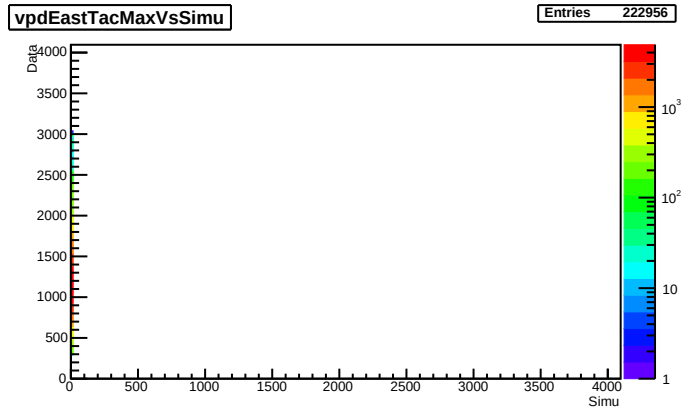

epdWestNHits
Entries 286494

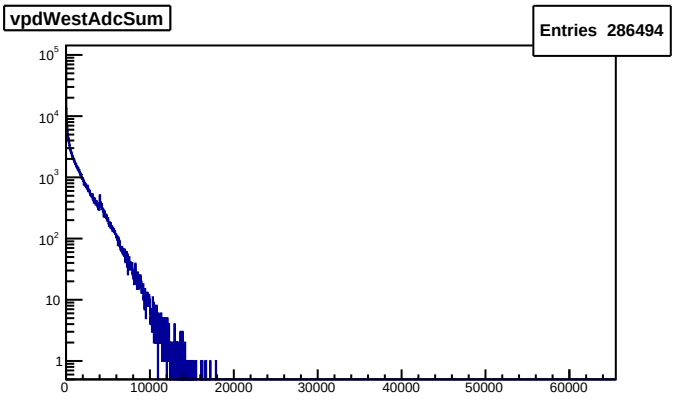

epdWestNHitsVsSimu
Entries 0
Data
Simu

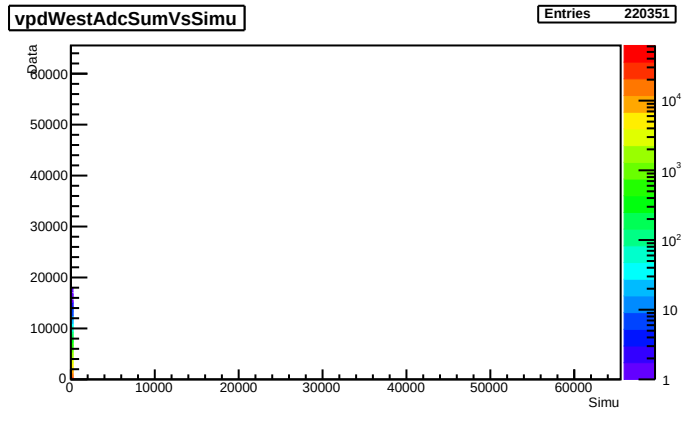

vpdEastAdcSum
Entries 286494

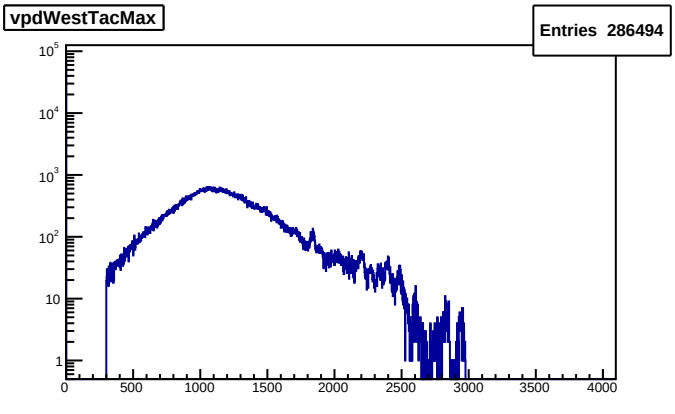

vpdEastAdcSumVsSimu
Entries 222956
Data
Simu

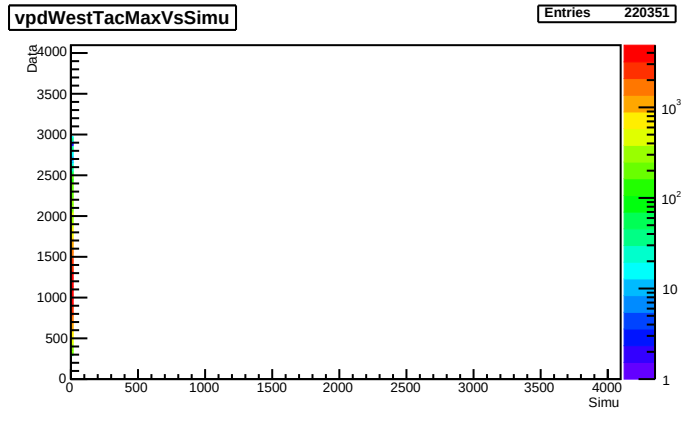

vpdEastTacMax
Entries 286494

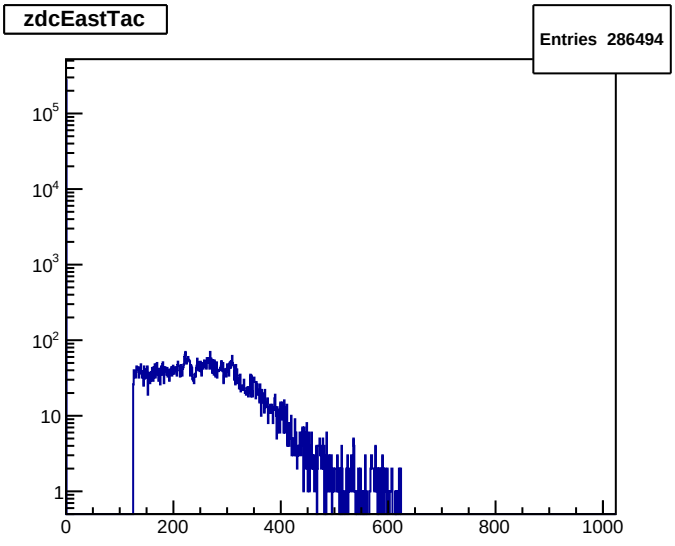

vpdEastTacMaxVsSimu
Entries 222956
Data
Simu

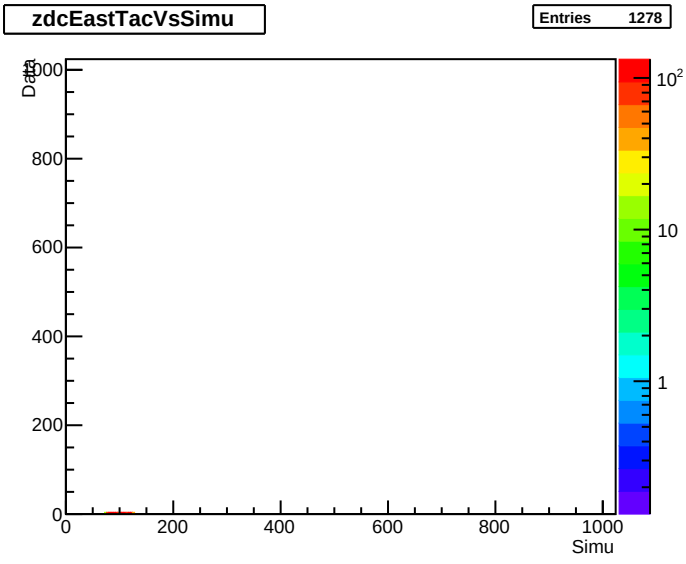

vpdWestAdcSum
Entries 286494

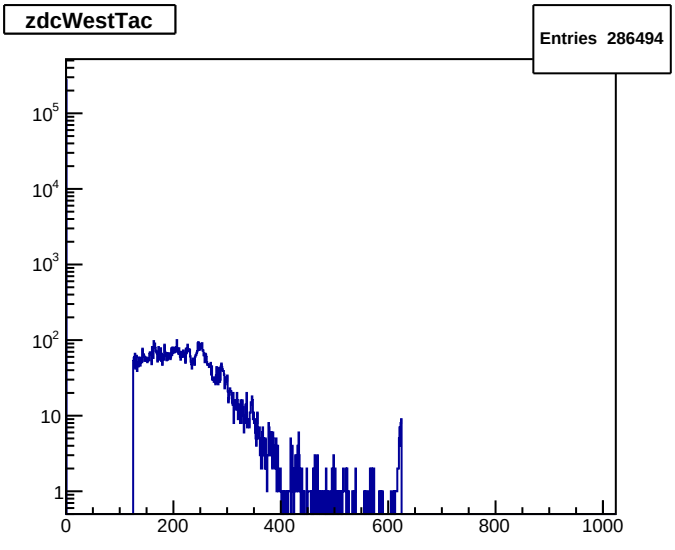

vpdWestAdcSumVsSimu
Entries 220351
Data
Simu

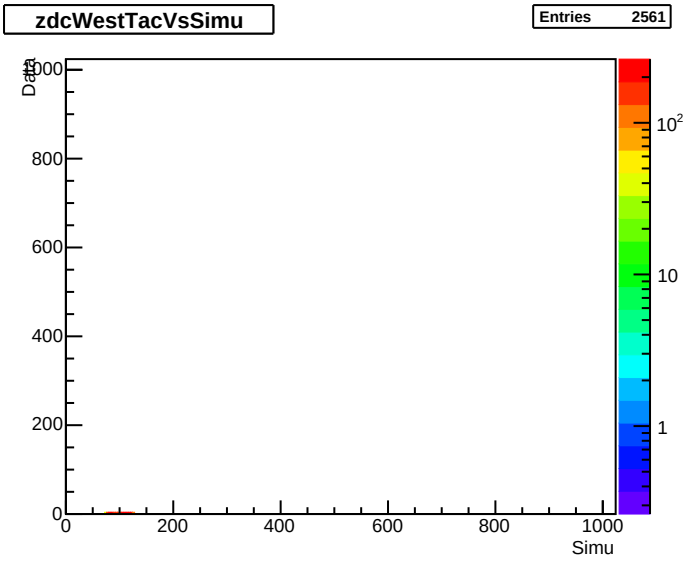

vpdWestTacMax
Entries 286494

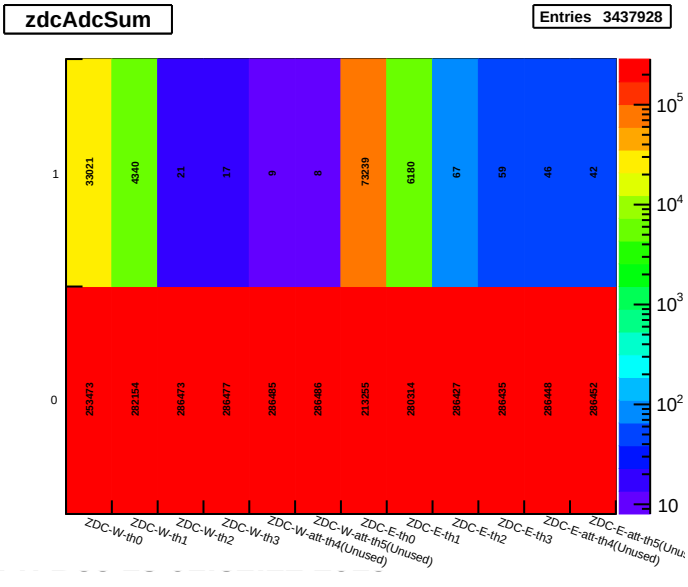

vpdWestTacMaxVsSimu
Entries 220351
Data
Simu

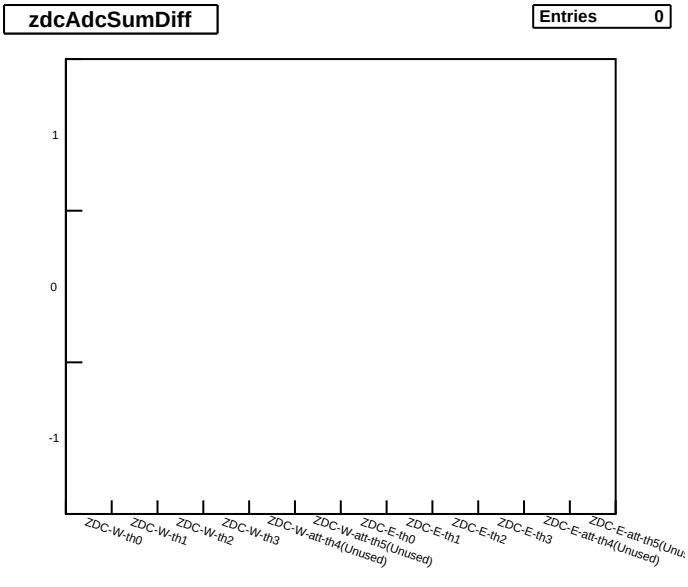

zdcEastTac
Entries 286494

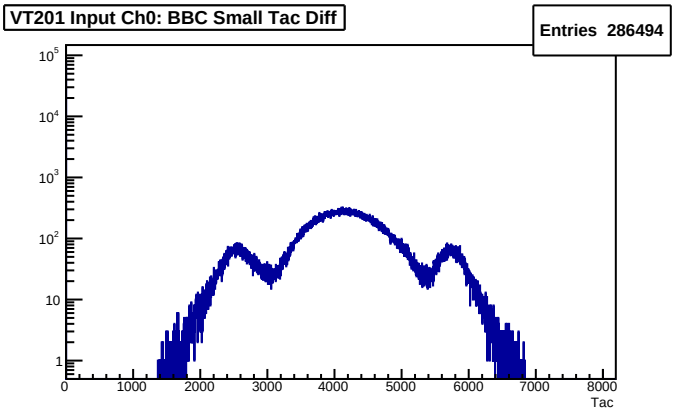

zdcEastTacVsSimu
Entries 1278
Data
Simu

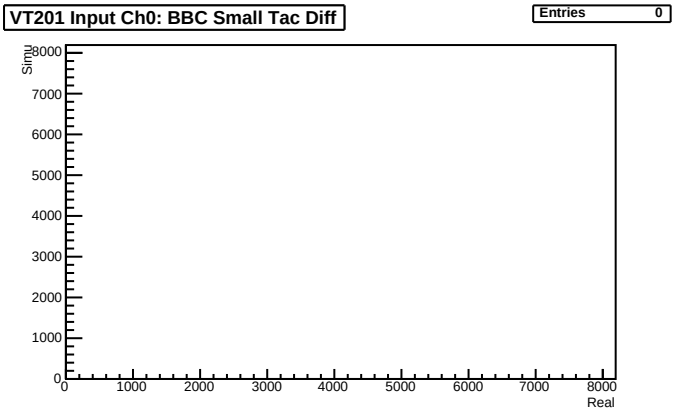

zdcWestTac
Entries 286494

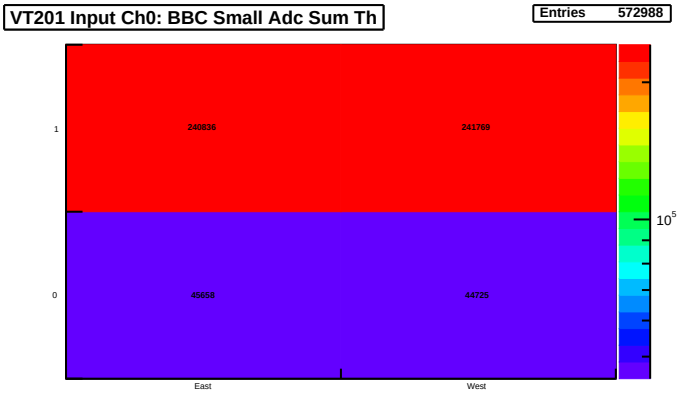

zdcWestTacVsSimu
Entries 2561
Data
Simu

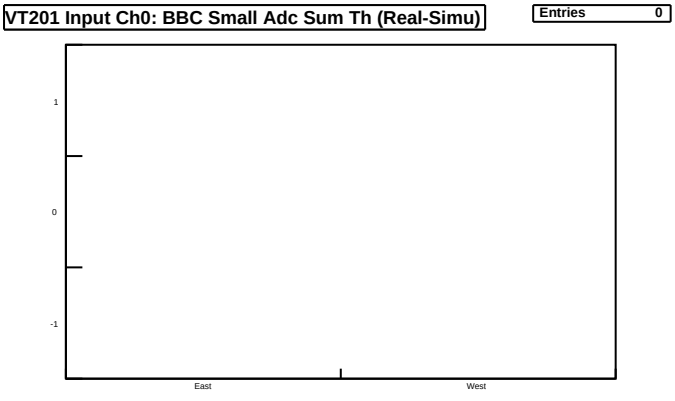

zdcAdcSum
Entries 3437928
33021
4340
21
17
9
8
73239
6180
67
59
46
42
253473
282154
286473
286477
286485
286486
213255
280314
286427
286435
286448
286452
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

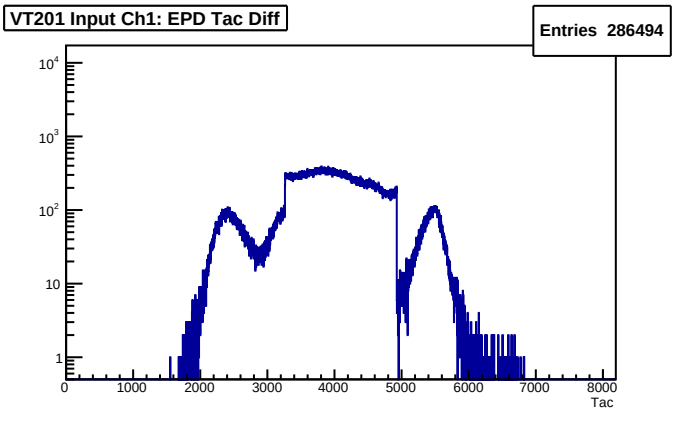

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

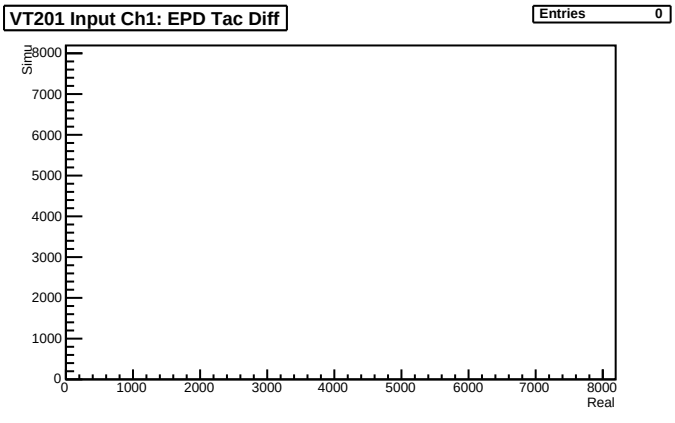

VT201 Input Ch0: BBC Small Tac Diff
Entries 286494
Tac

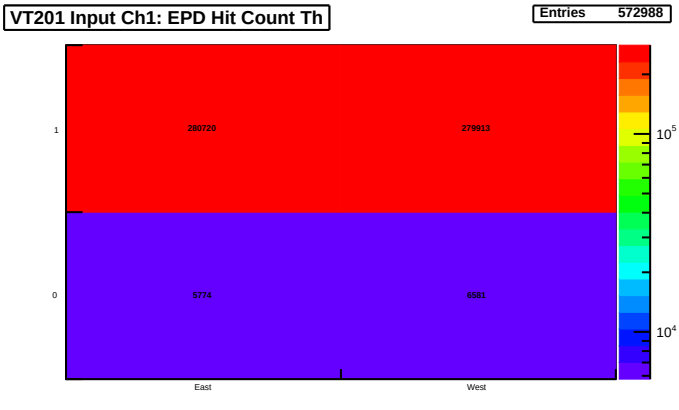

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

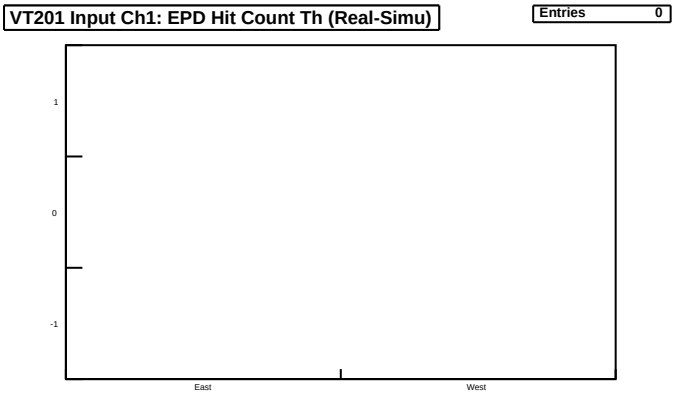

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 572988
240836
241769
45658
44725
East
West

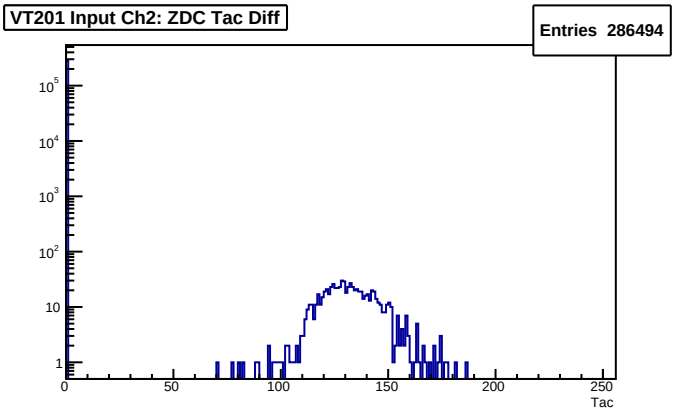

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

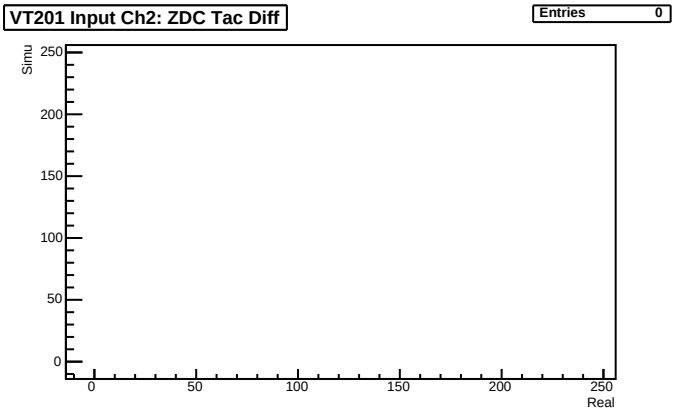

VT201 Input Ch1: EPD Tac Diff
Entries 286494
Tac

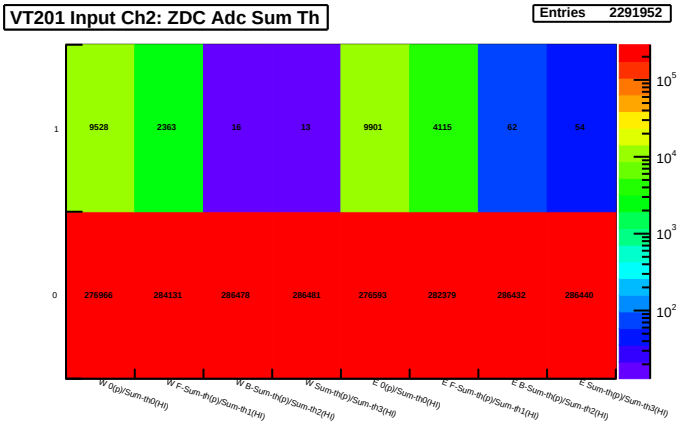

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

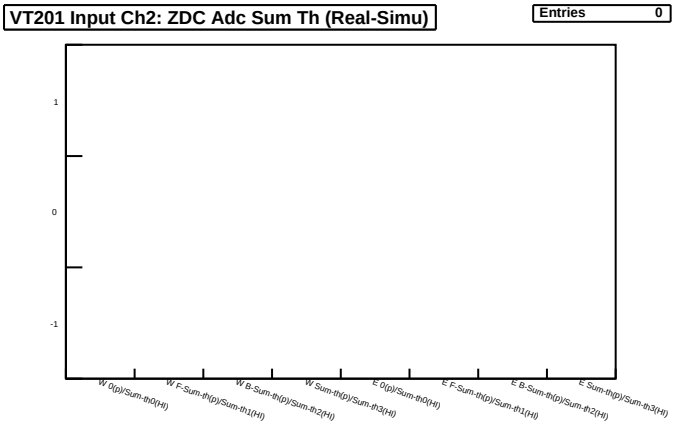

VT201 Input Ch1: EPD Hit Count Th
Entries 572988
280720
279913
5774
6581
East
West

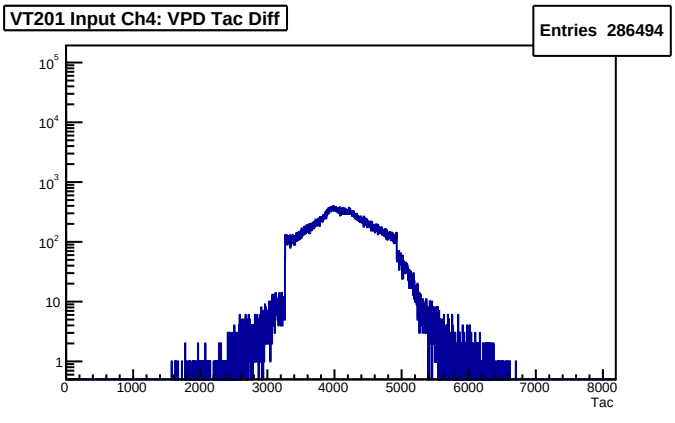

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

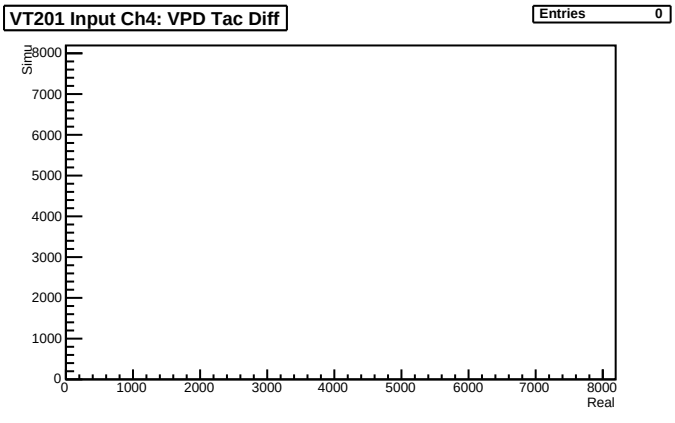

VT201 Input Ch2: ZDC Tac Diff
Entries 286494
Tac

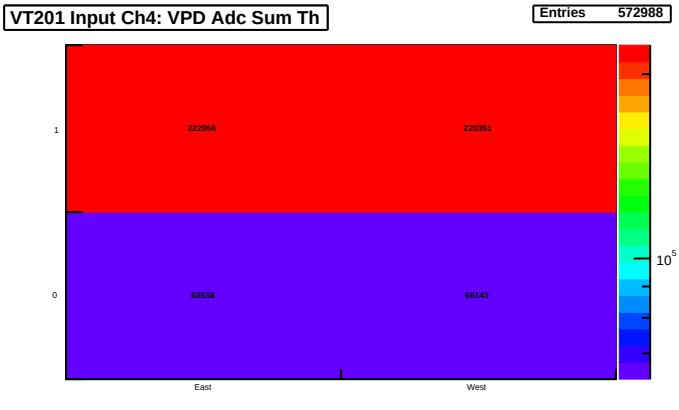

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

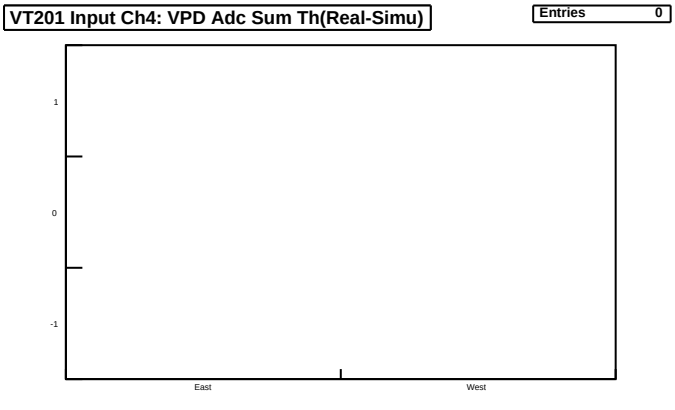

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2291952
9528
2363
16
13
9901
4115
62
54
276966
284131
286478
286481
276593
282379
286432
286440
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

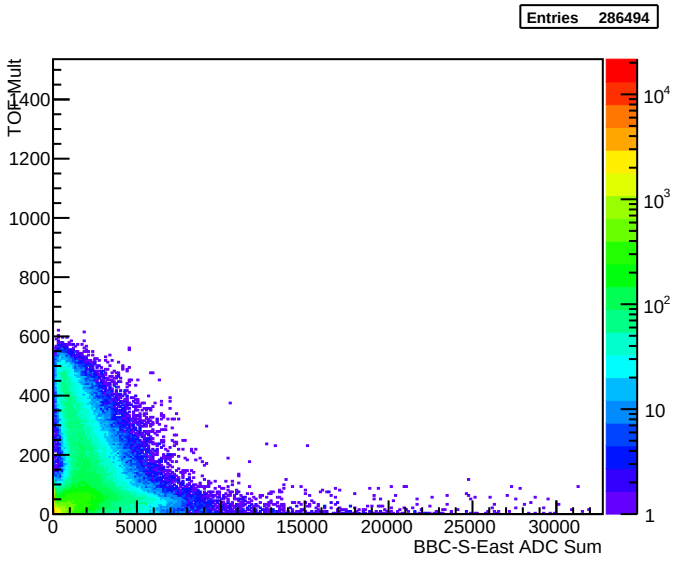

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

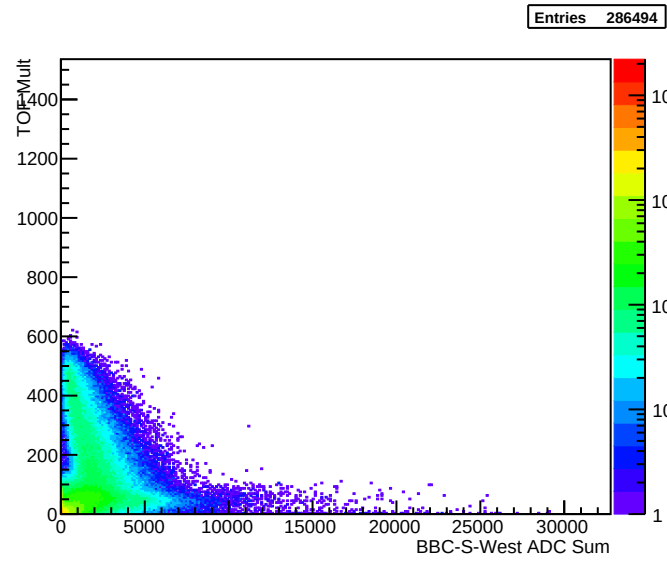

VT201 Input Ch4: VPD Tac Diff
Entries 286494
Tac

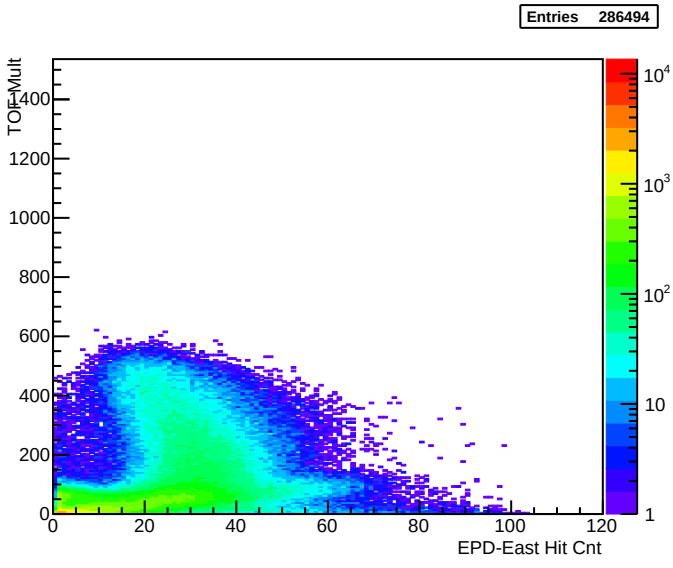

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

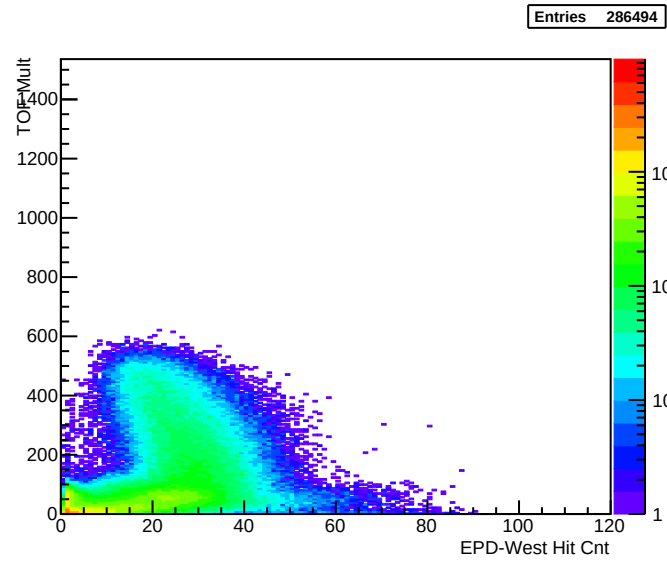

VT201 Input Ch4: VPD Adc Sum Th
Entries 572988
222956
220351
63538
66143
East
West

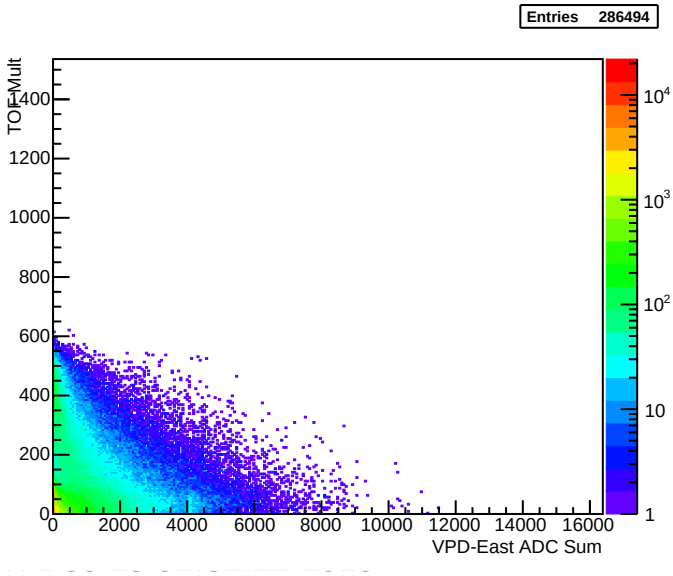

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

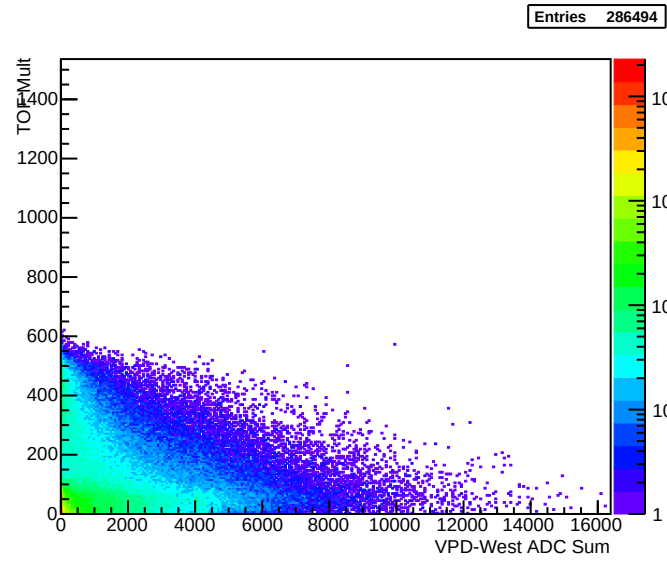

Entries 286494
TOF-Mult
BBC-S-East ADC Sum

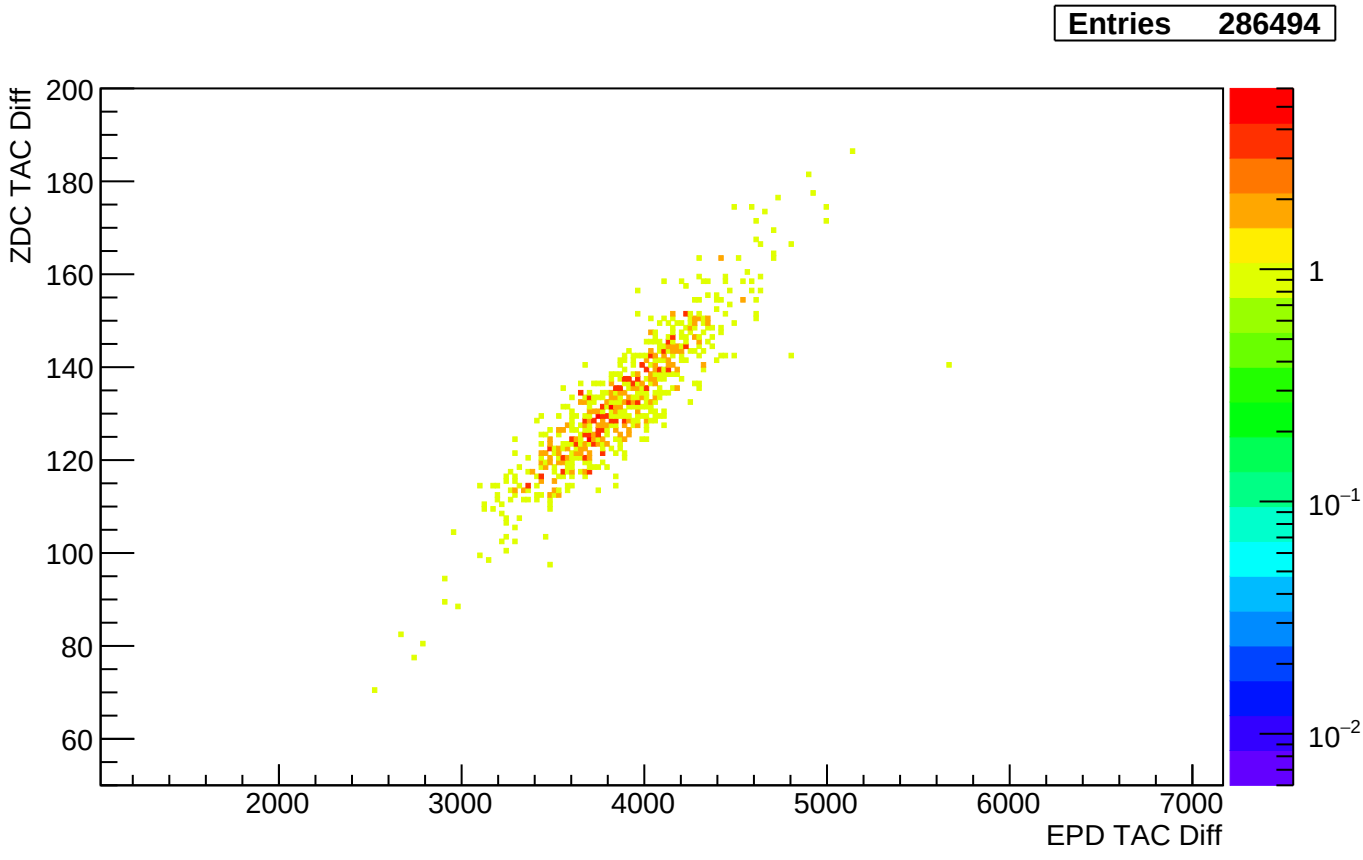

Entries 286494
TOF-Mult
BBC-S-West ADC Sum

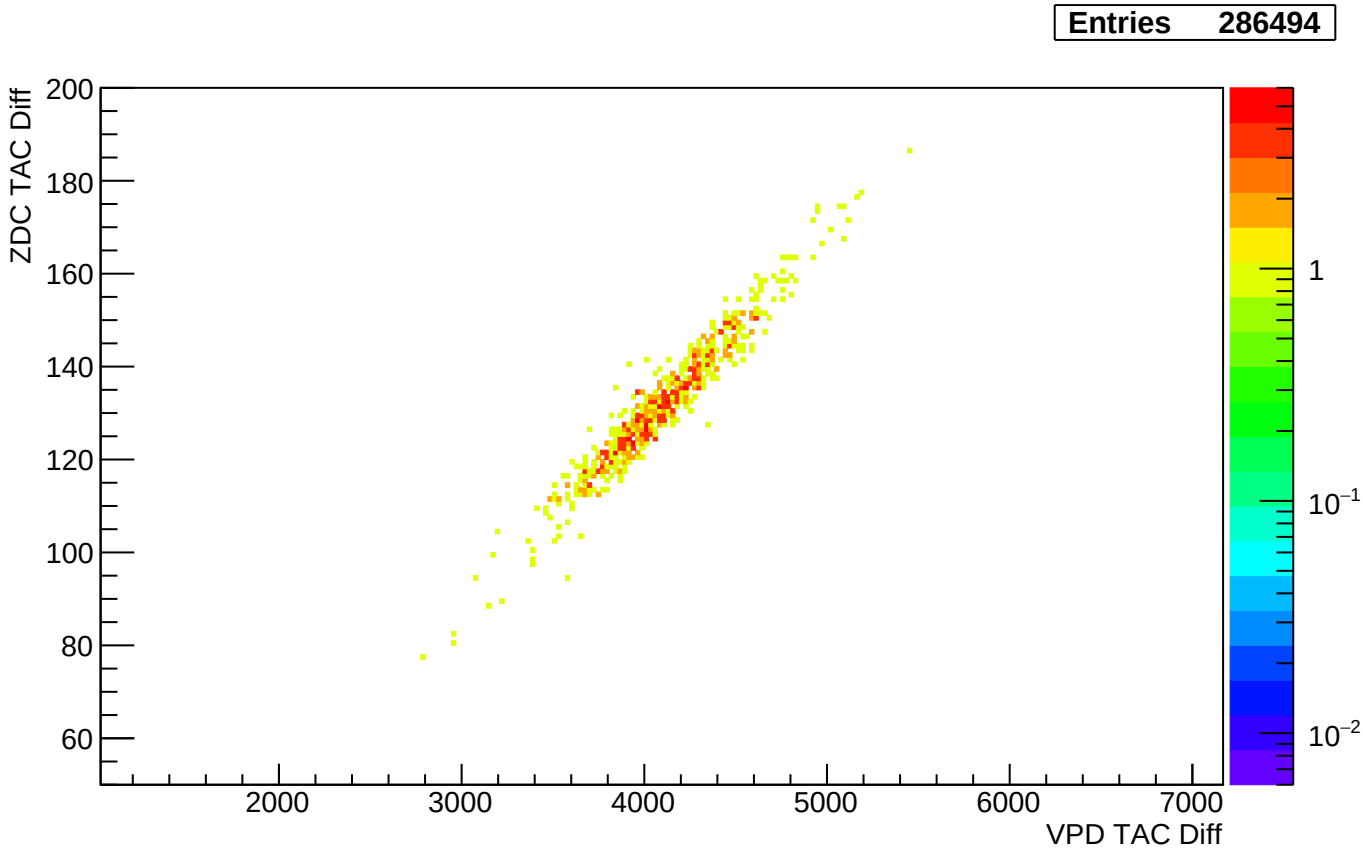

Entries 286494
TOF-Mult
EPD-East Hit Cnt

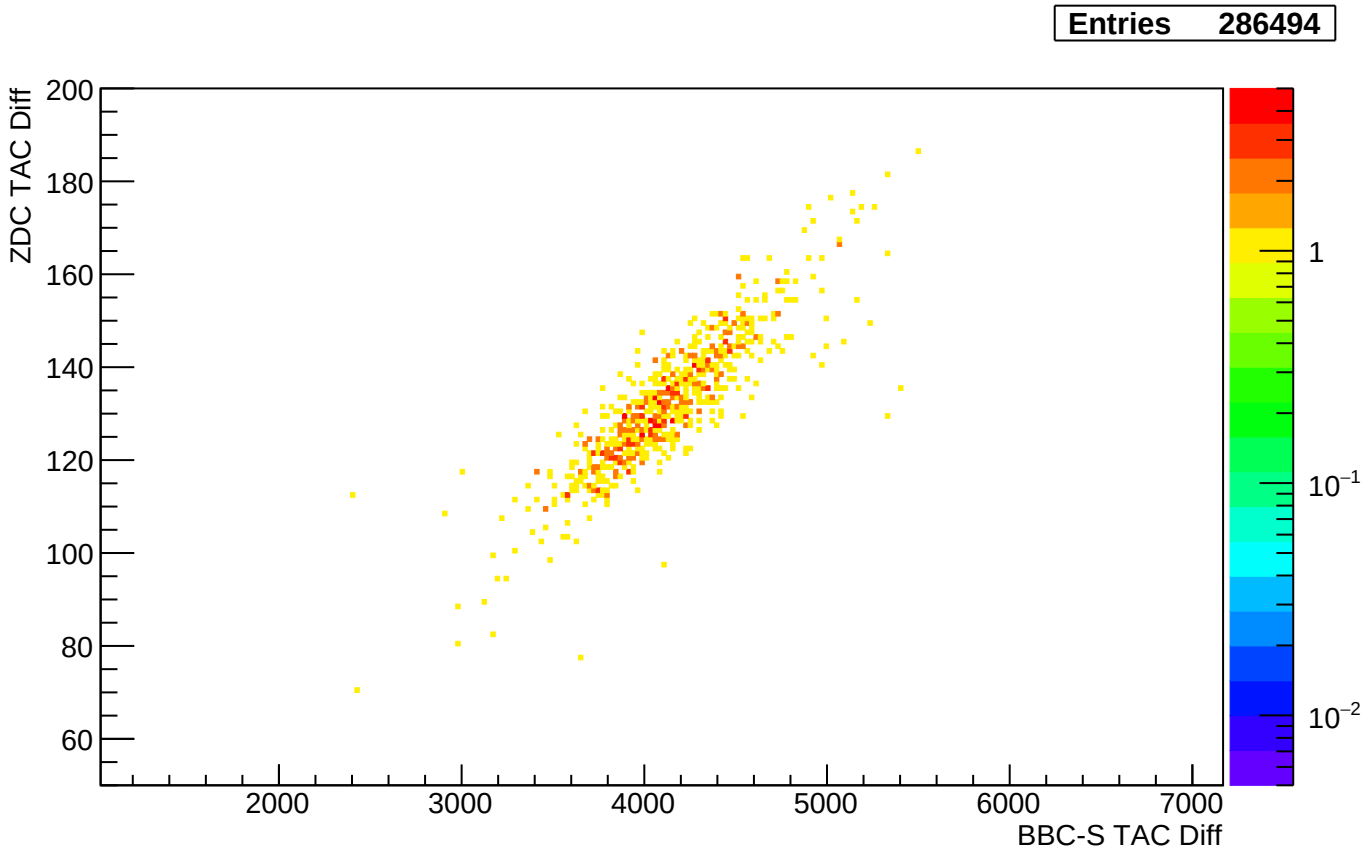

Entries 286494
TOF-Mult
EPD-West Hit Cnt

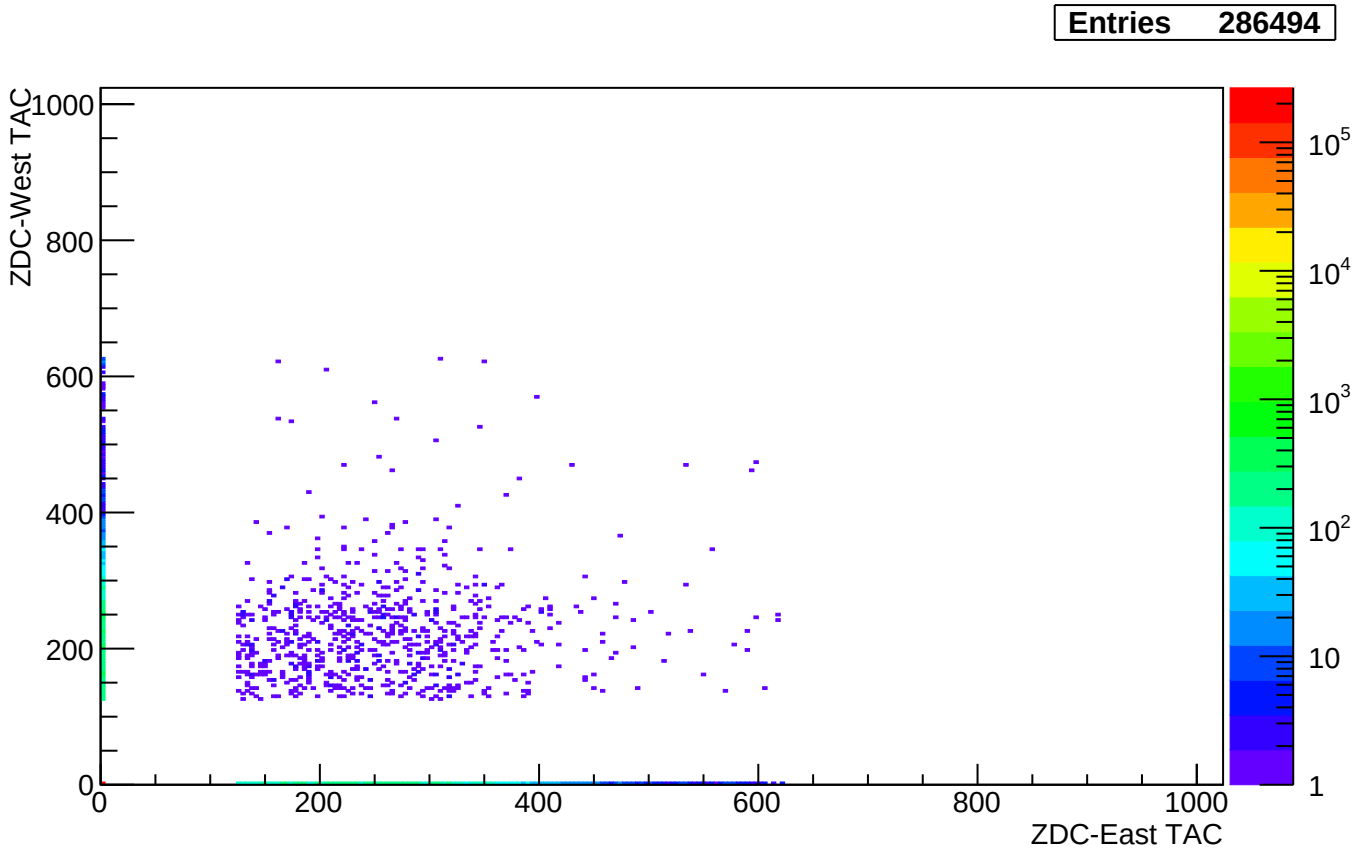

Entries 286494
TOF-Mult
VPD-East ADC Sum

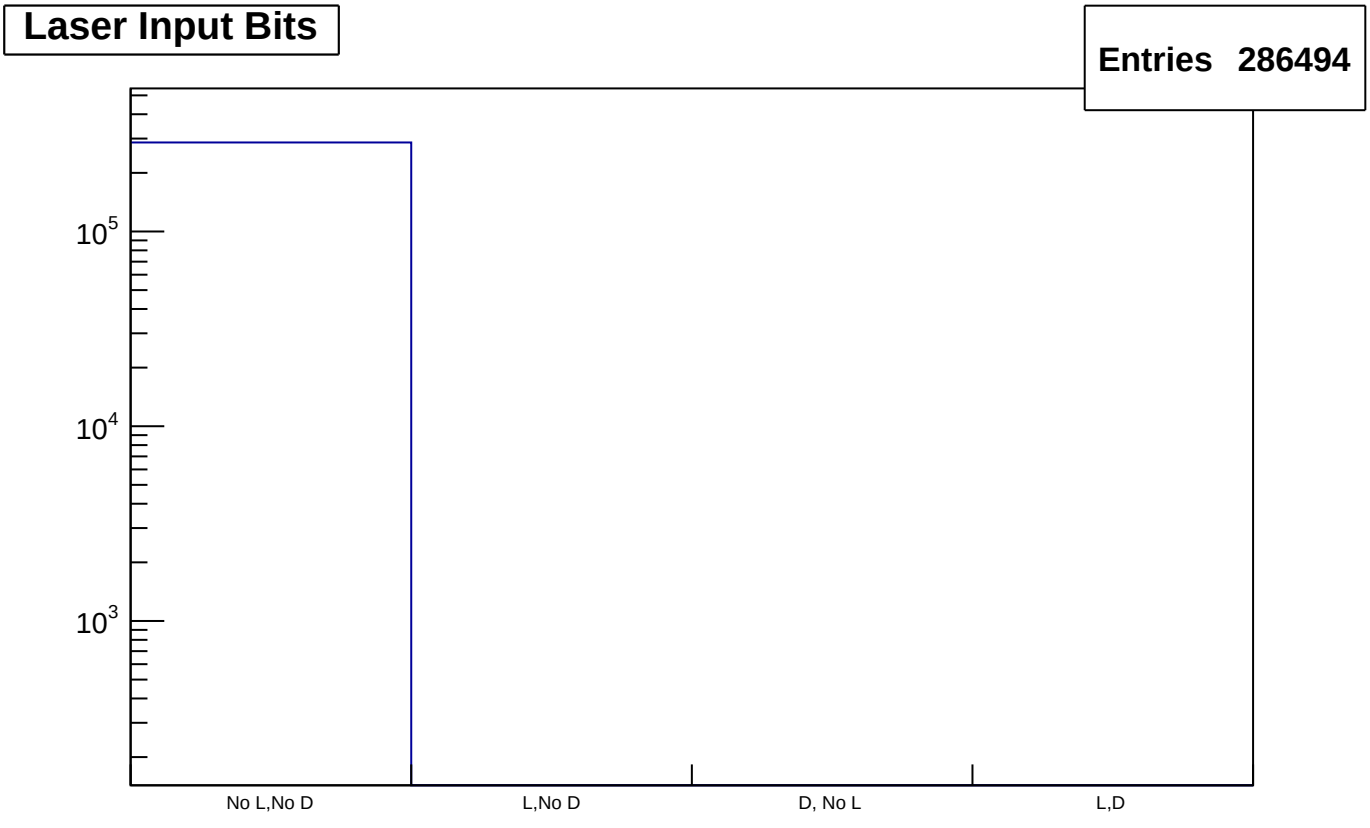

Entries 286494
TOF-Mult
VPD-West ADC Sum

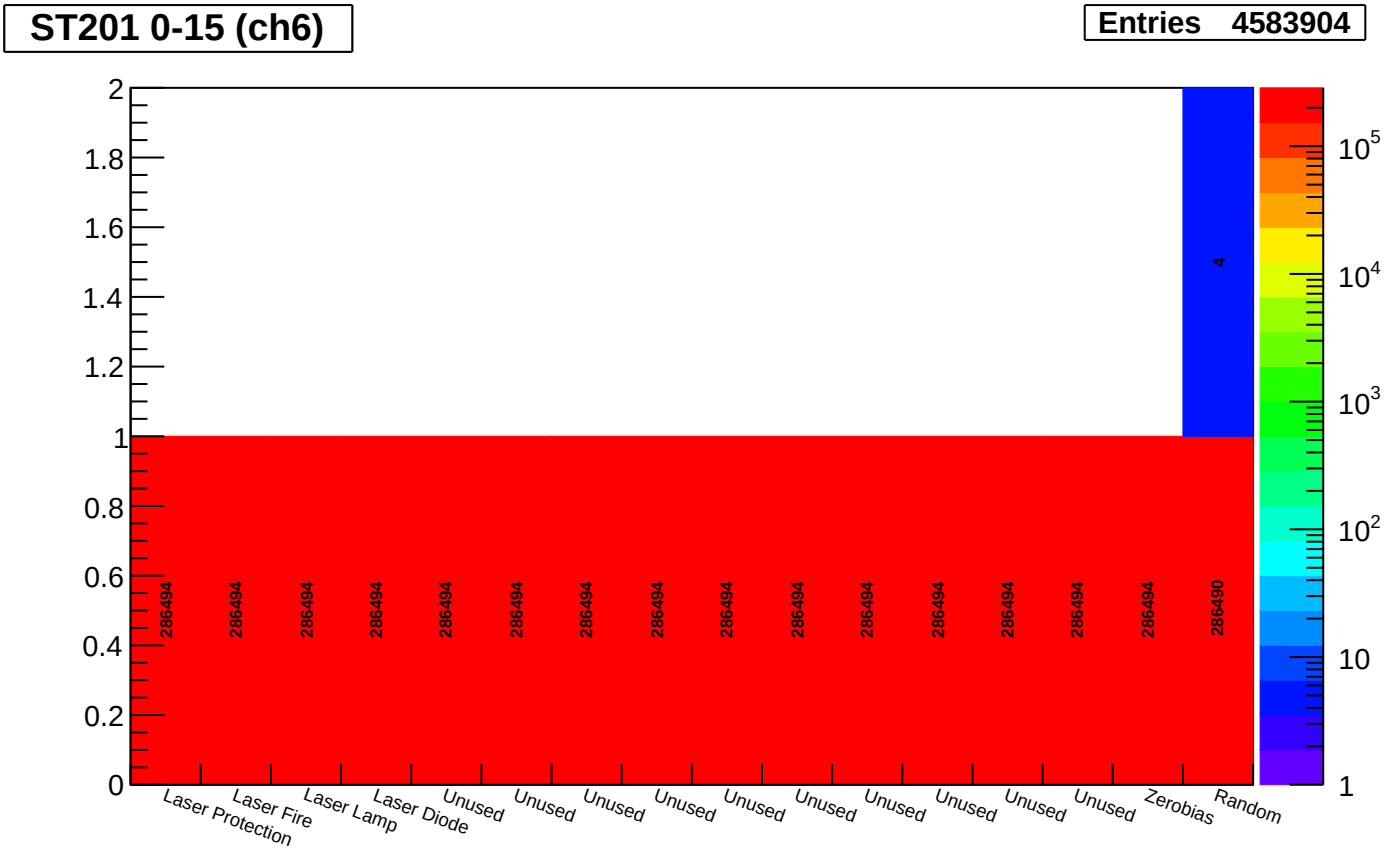

Entries 286494
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

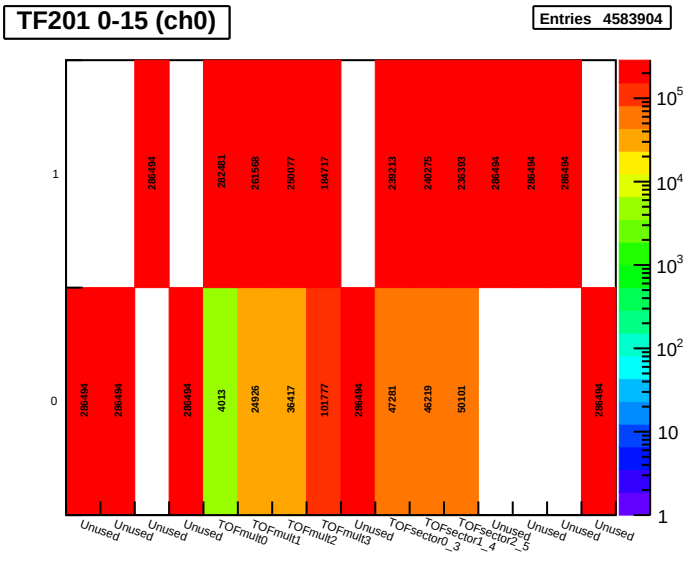

Entries 286494
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

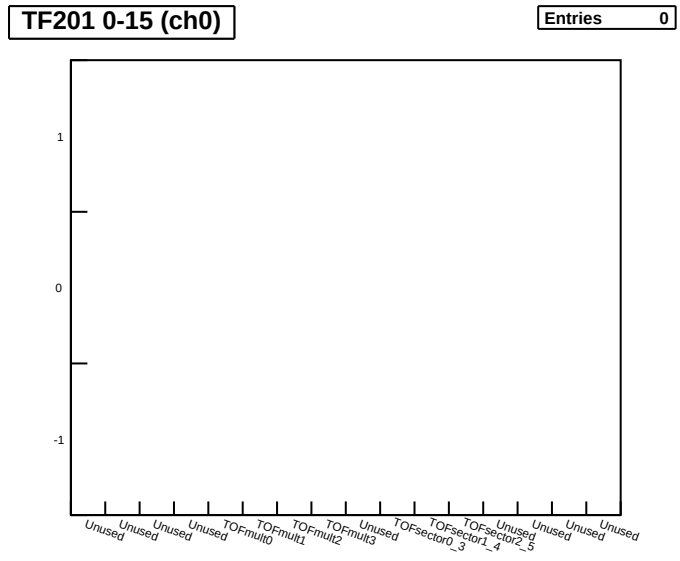

Entries 286494
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

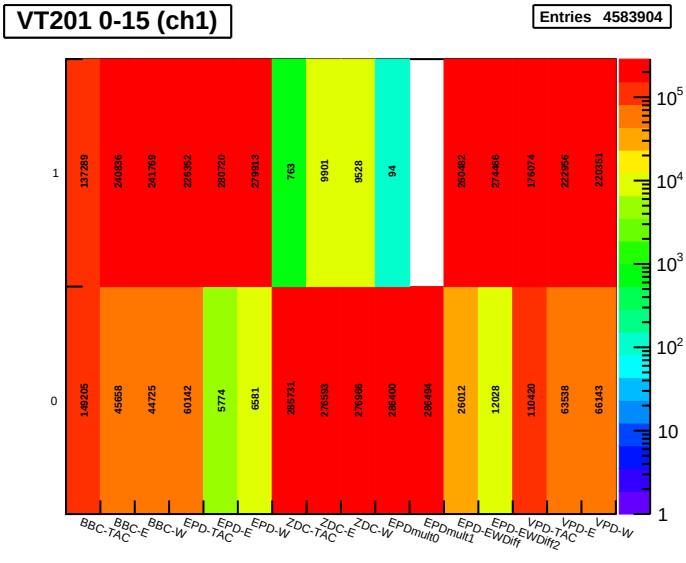

Entries 286494
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

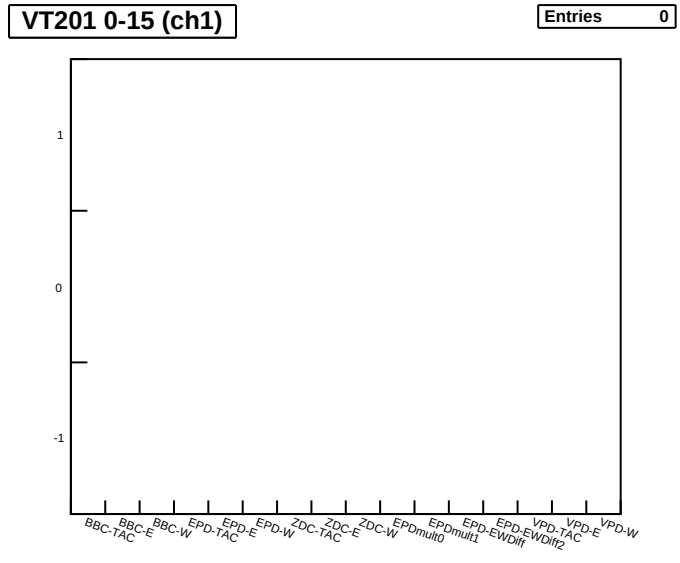

Laser Input Bits
Entries 286494
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

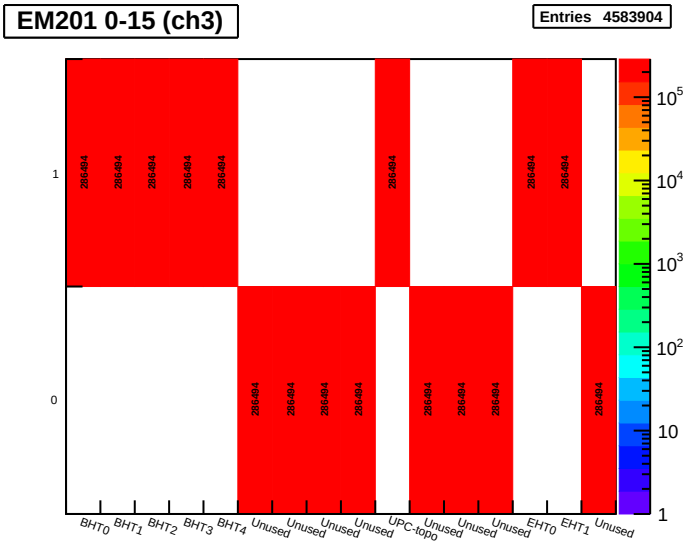

ST201 0-15 (ch6)
Entries 4583904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4
286494
286490
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

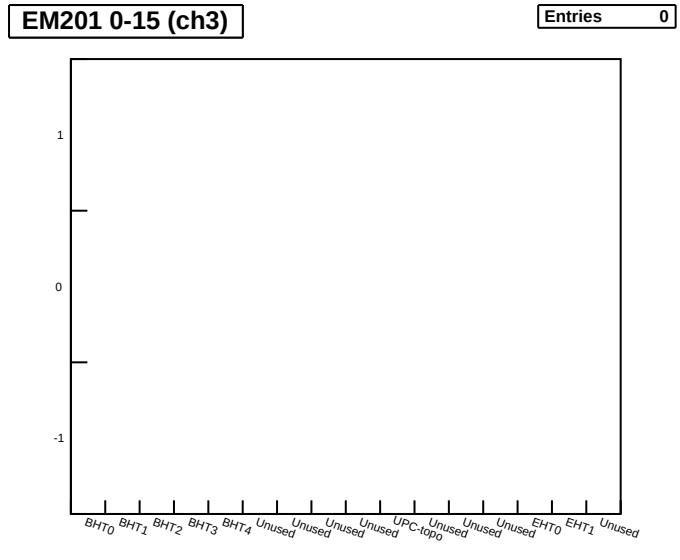

TF201 0-15 (ch0)
Entries 4583904
1
0
286494 286494 286494 286494 282481 261568 250077 194717 239213 240275 236393 286494 286494 286494
286494 286494 286494 4013 24926 36417 101777 286494 47281 46219 50101 286494
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4583904
1
0
137289 240836 241769 226352 280720 279913 763 9901 9528 94 260482 274466 176074 222956 220351
149205 45658 44725 60142 5774 6581 285731 276593 276966 286400 286494 26012 12028 110420 63538 66143
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 4583904
1
0
286494 286494 286494 286494 286494 286494 286494 286494
286494 286494 286494 286494 286494 286494 286494 286494
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