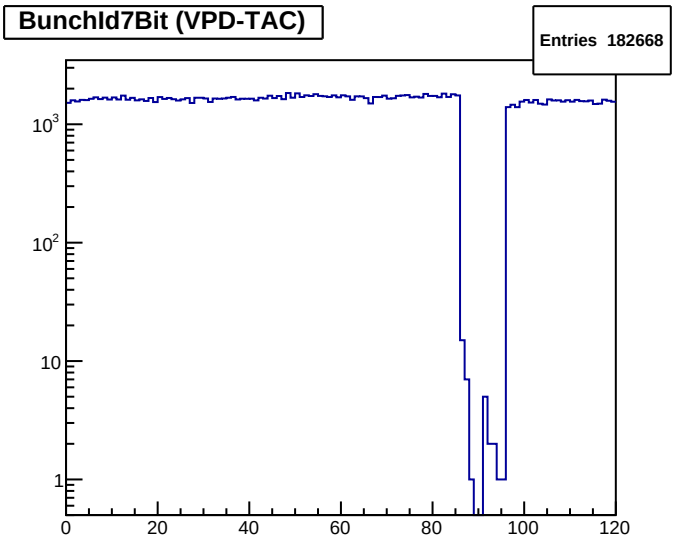
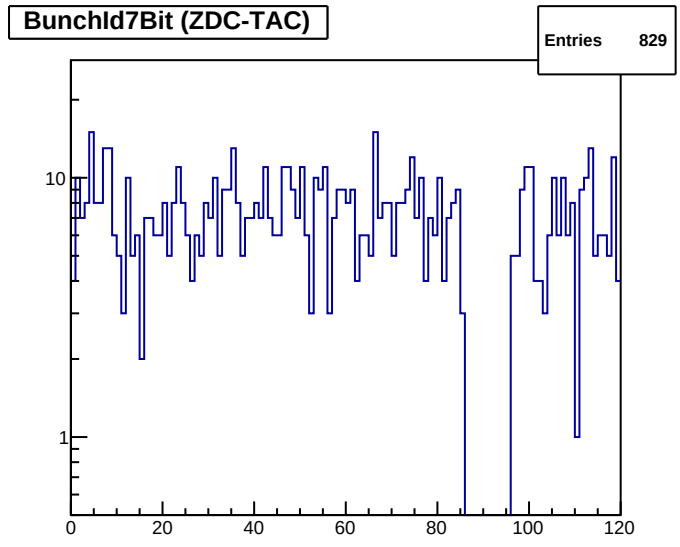
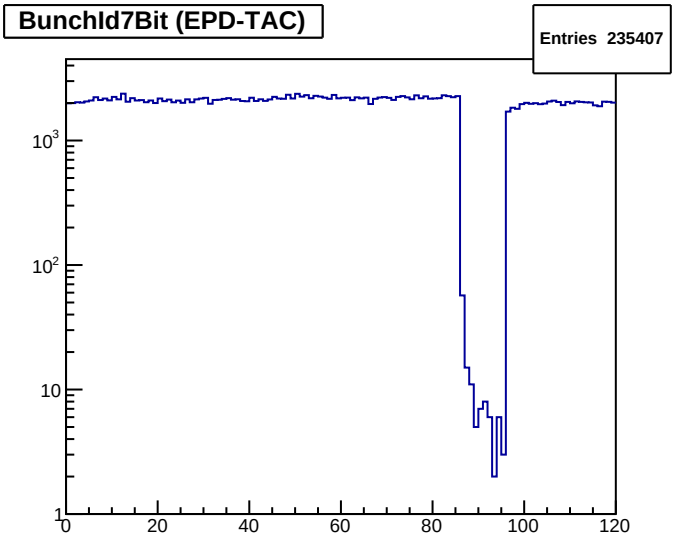
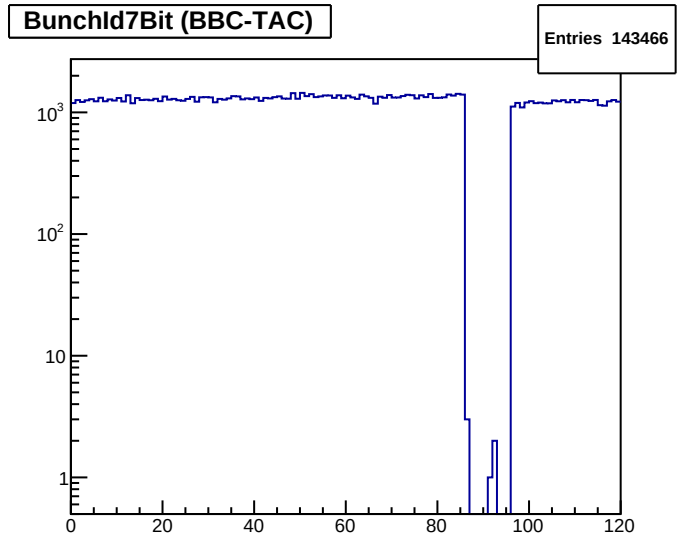
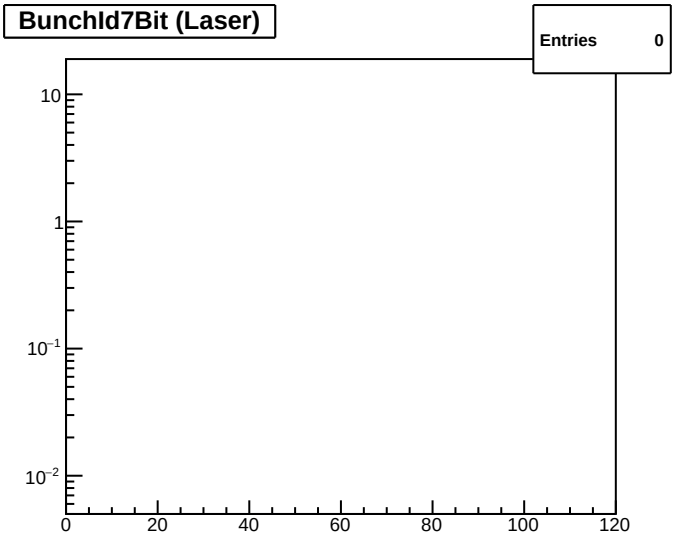
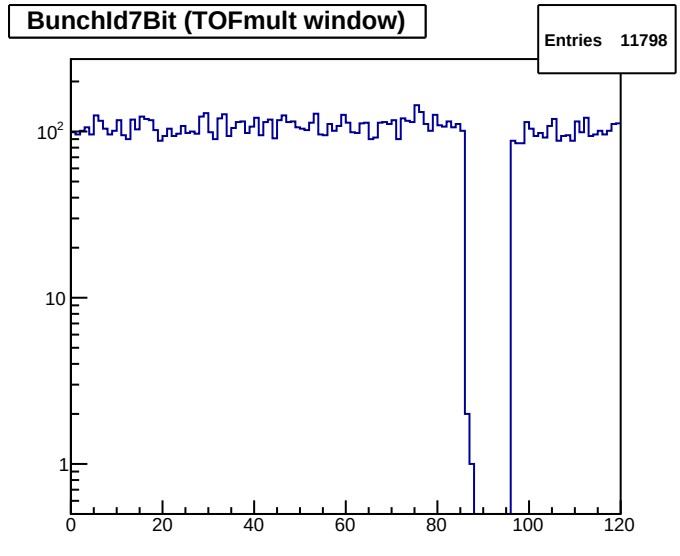

BunchId7Bit (VPD-TAC)
Entries 182668

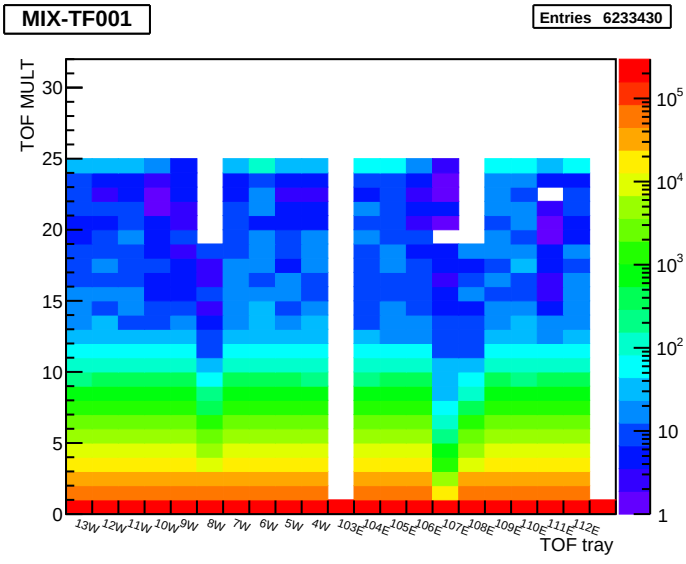

BunchId7Bit (ZDC-TAC)
Entries 829

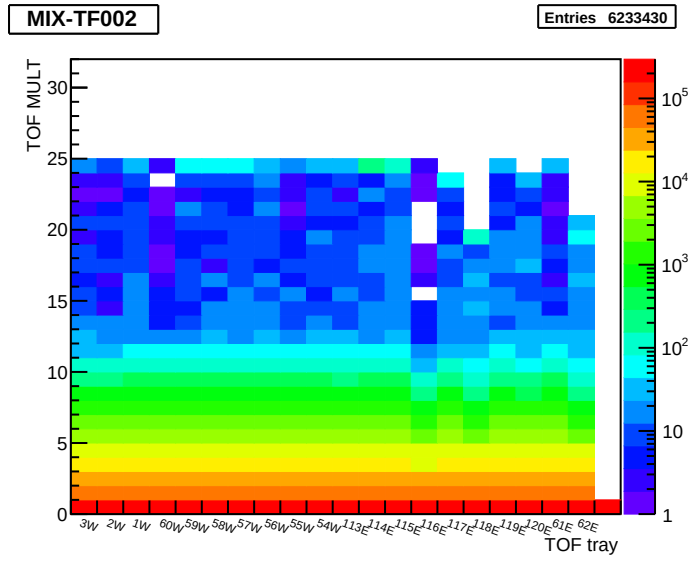

BunchId7Bit (EPD-TAC)
Entries 235407

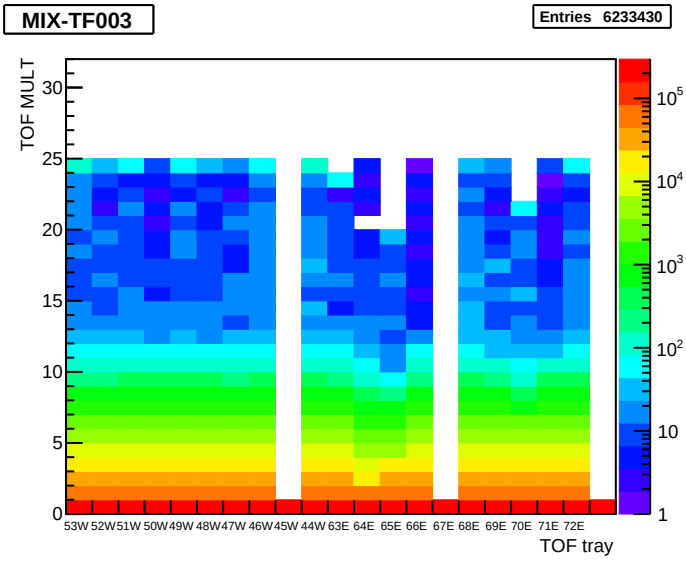

BunchId7Bit (BBC-TAC)
Entries 143466

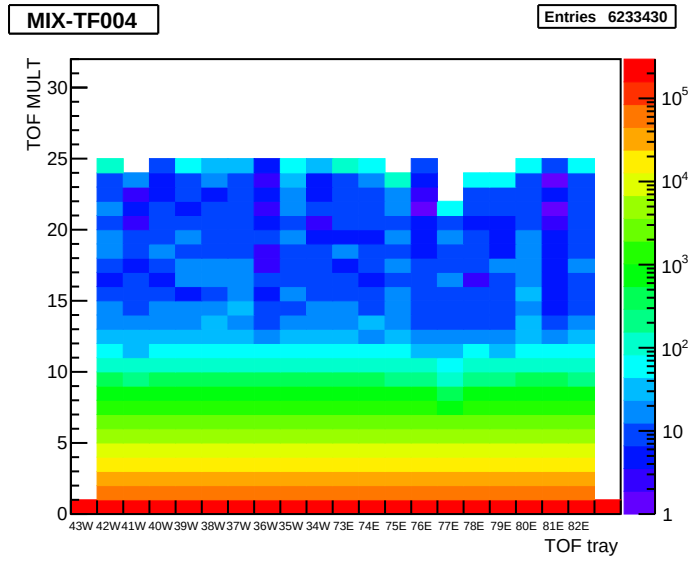

BunchId7Bit (Laser)
Entries 0

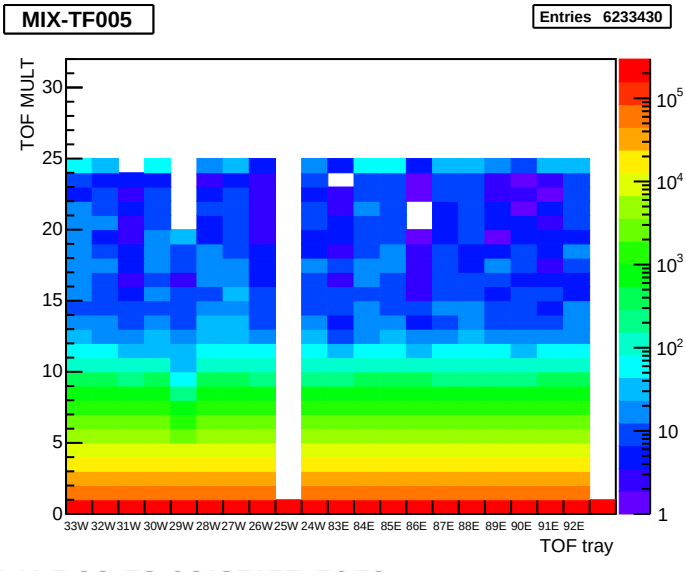

BunchId7Bit (TOFmult window)
Entries 11798

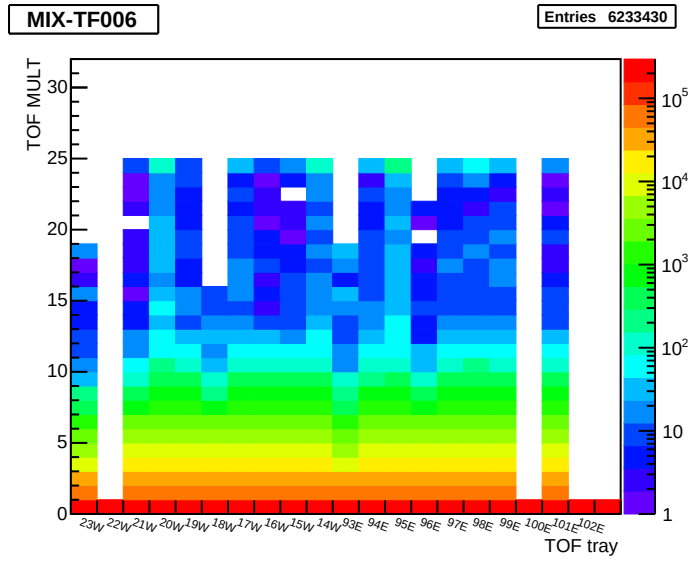

MIX-TF001
Entries 6233430
TOF MULT
TOF tray

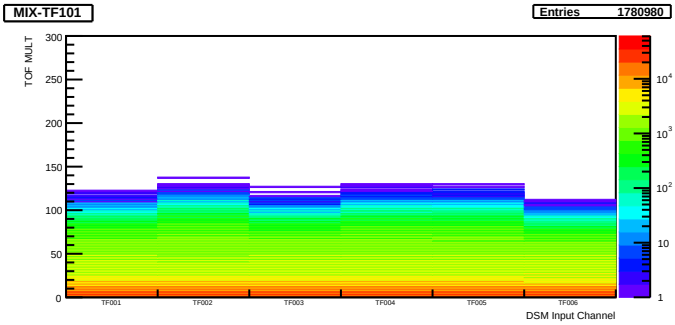

MIX-TF002
Entries 6233430
TOF MULT
TOF tray

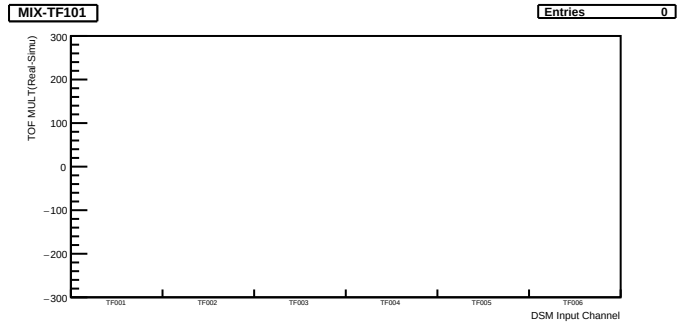

MIX-TF003
Entries 6233430
TOF MULT
TOF tray

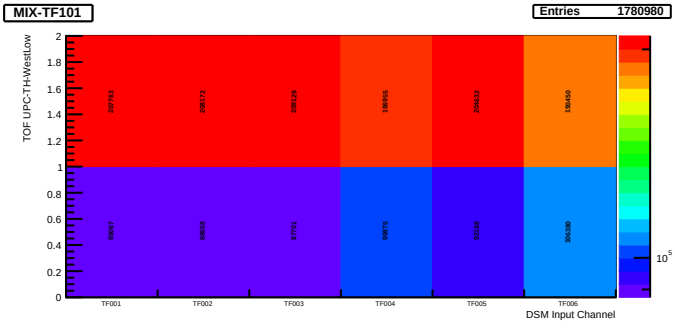

MIX-TF004
Entries 6233430
TOF MULT
TOF tray

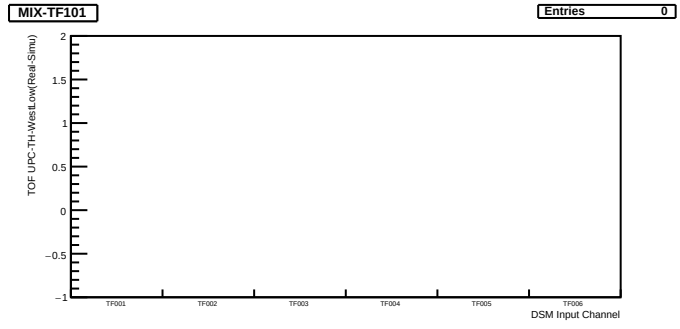

MIX-TF005
Entries 6233430
TOF MULT
TOF tray

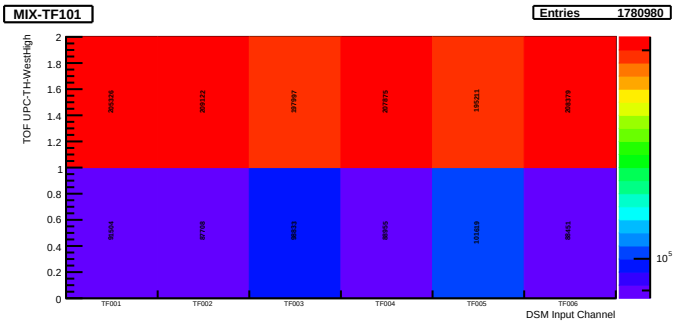

MIX-TF006
Entries 6233430
TOF MULT
TOF tray

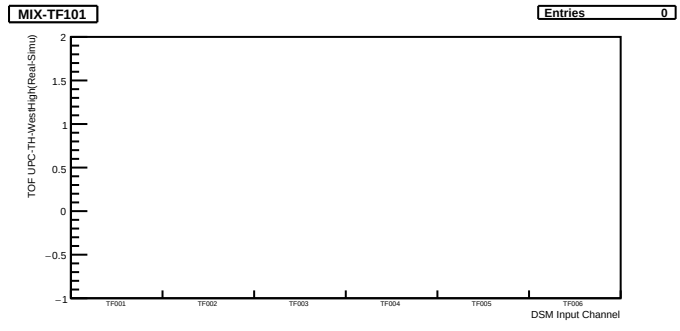

MIX-TF101
Entries 1780980
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

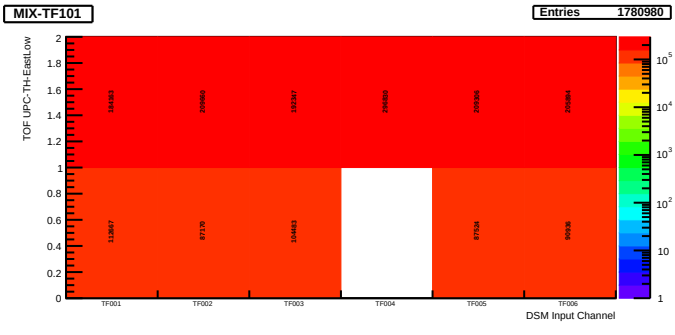

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

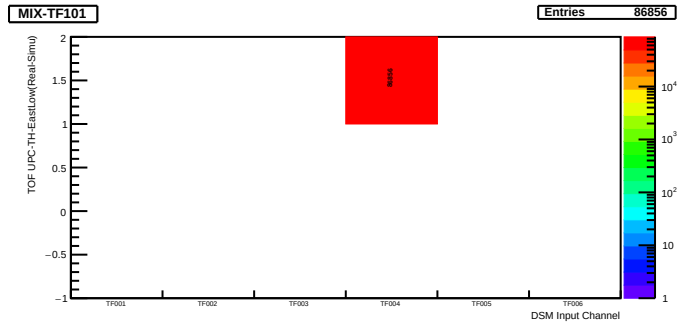

MIX-TF101
Entries 1780980
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

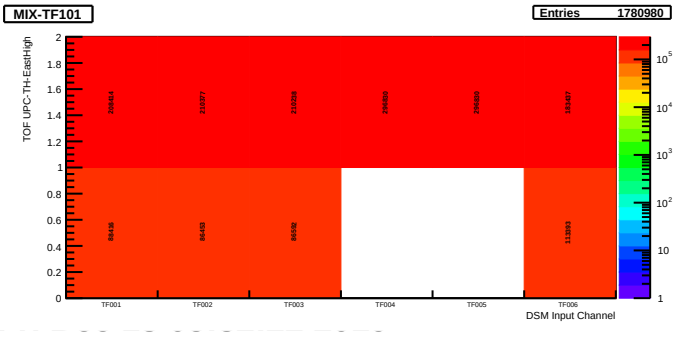

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

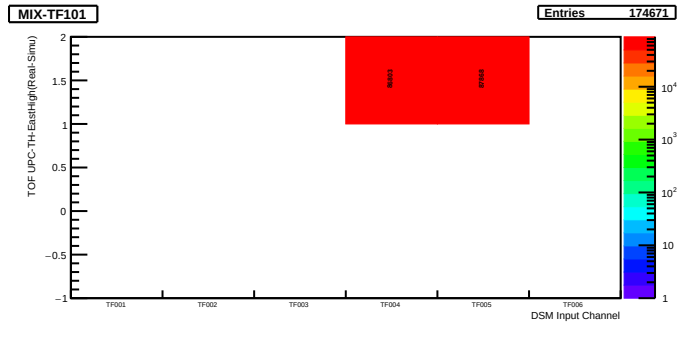

MIX-TF101
Entries 1780980
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

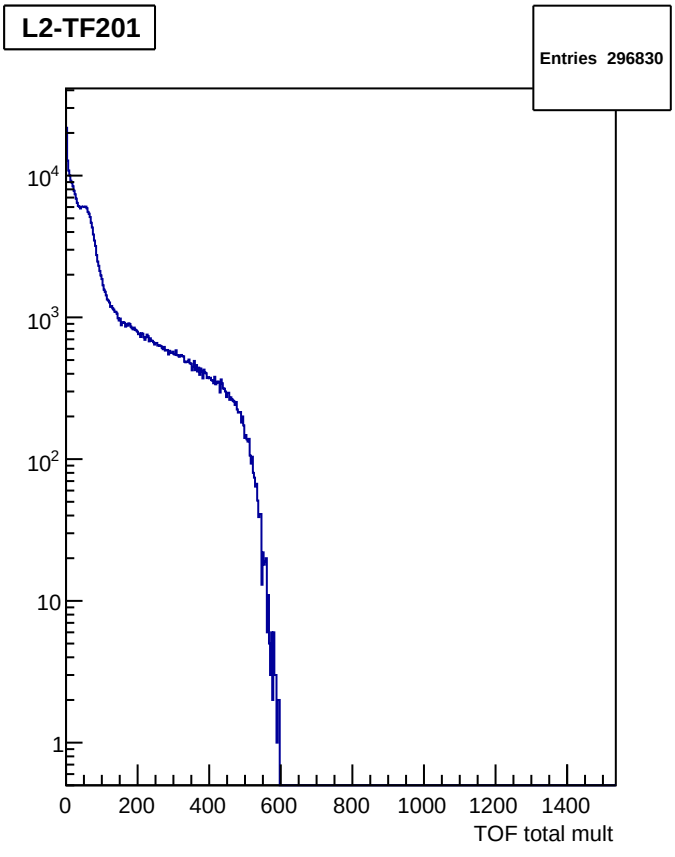

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

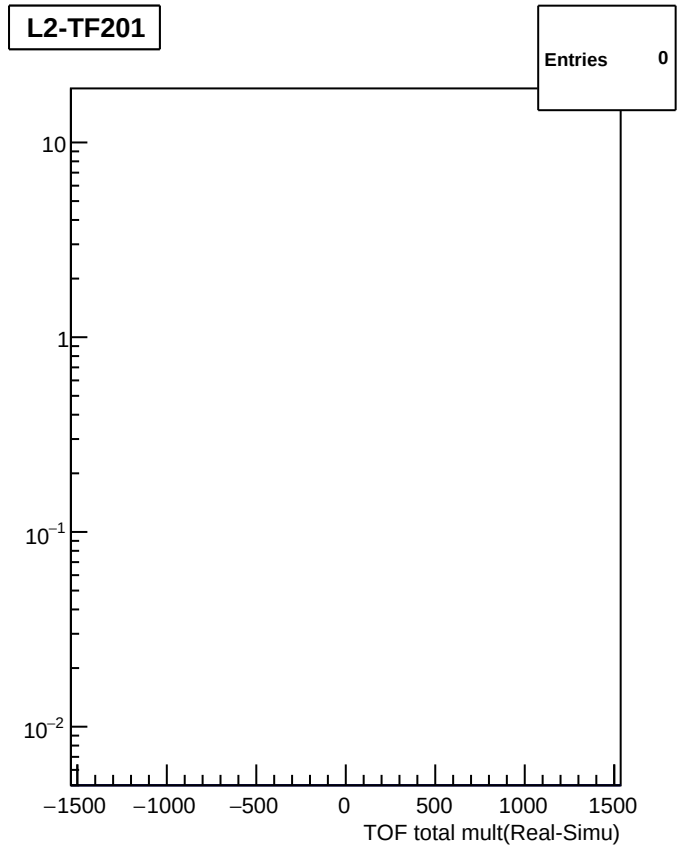

MIX-TF101
Entries 1780980
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

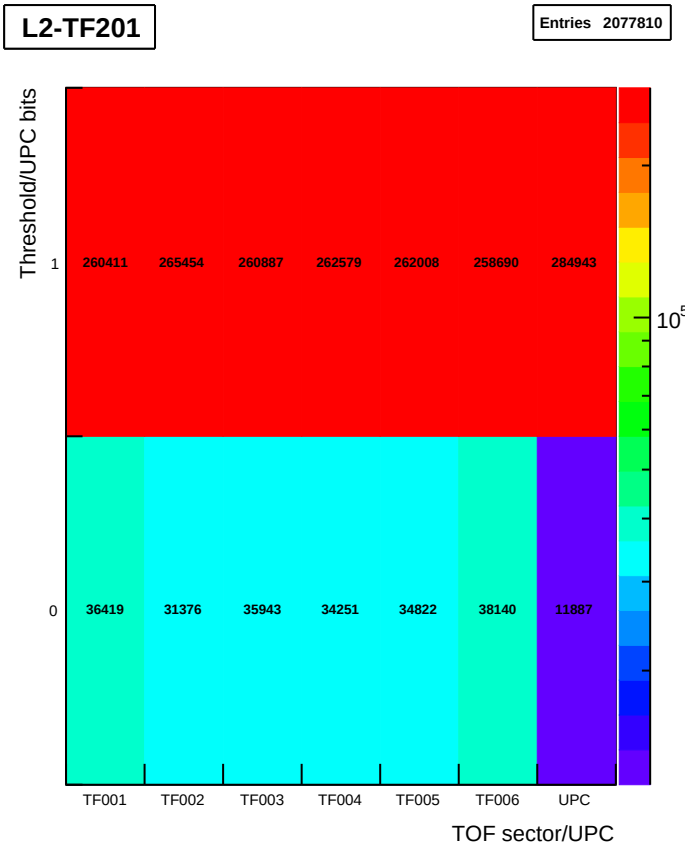

MIX-TF101
Entries 86856
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

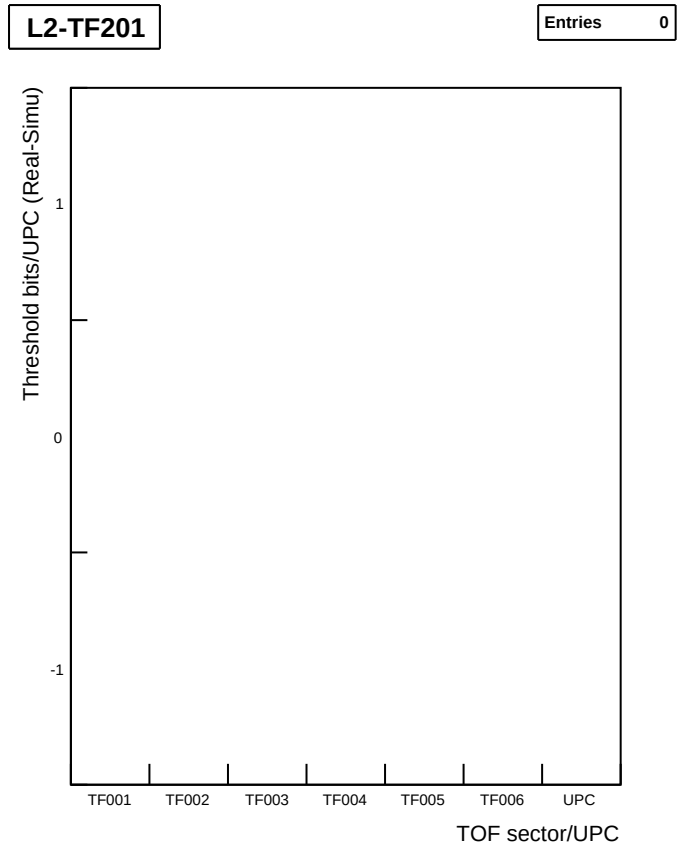

MIX-TF101
Entries 1780980
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

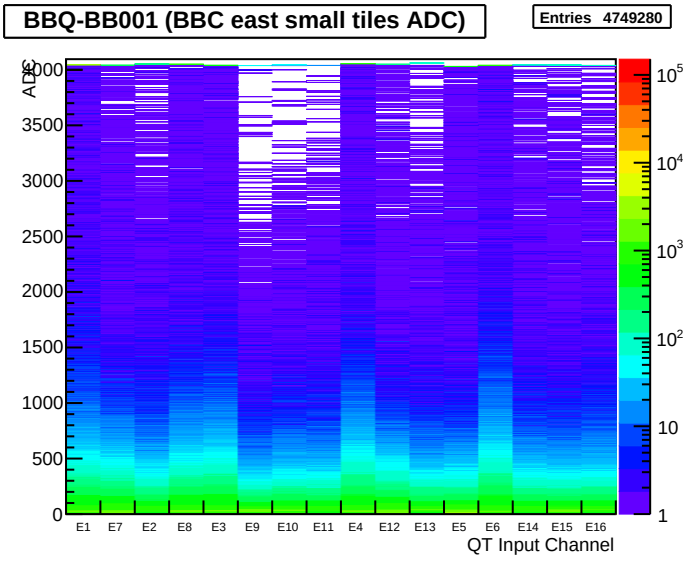

MIX-TF101
Entries 174671
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

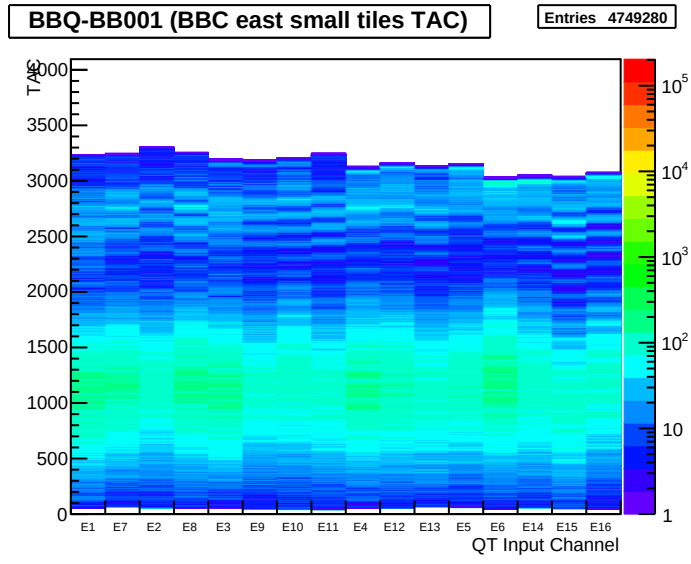

L2-TF201
Entries 296830
TOF total mult

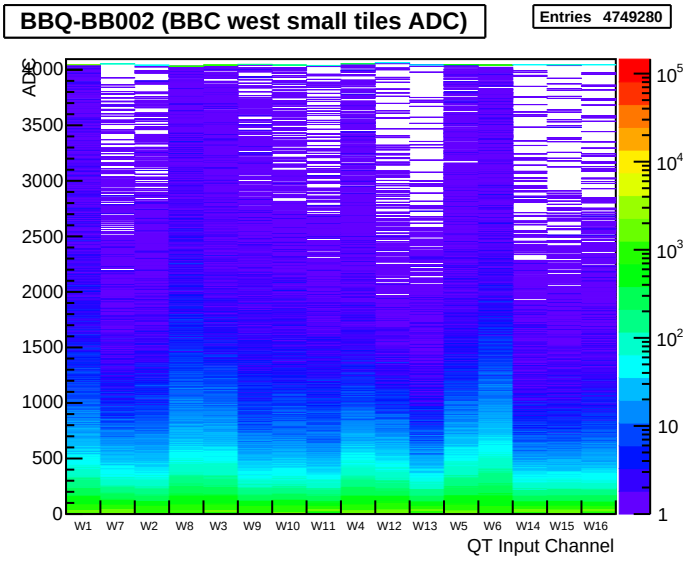

L2-TF201
Entries 0
TOF total mult(Real-Simu)

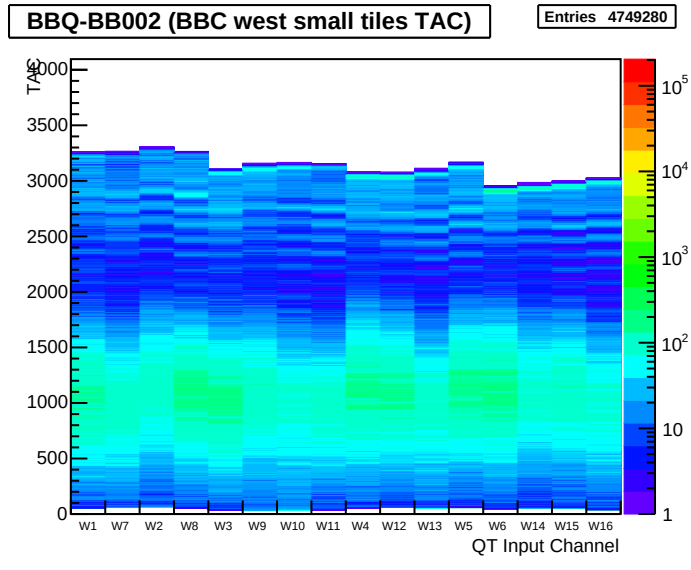

L2-TF201
Entries 2077810
Threshold/UPC bits
260411
265454
260887
262579
262008
258690
284943
36419
31376
35943
34251
34822
38140
11887
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

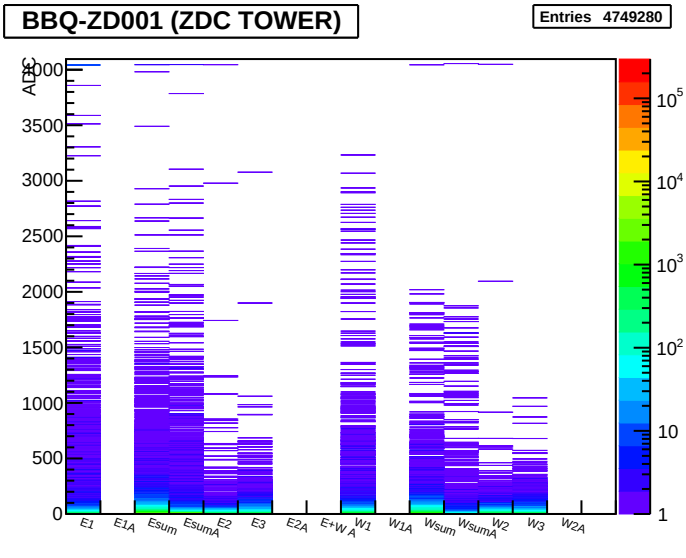

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

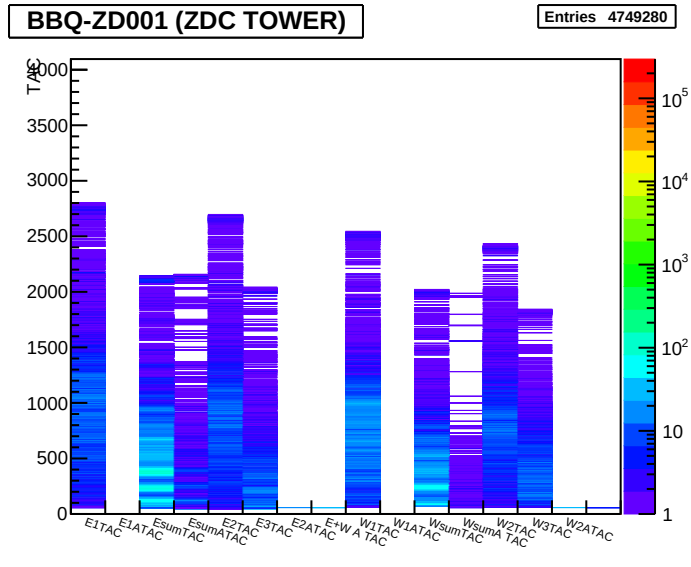

BBQ-BB001 (BBC east small tiles ADC)
Entries 4749280
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

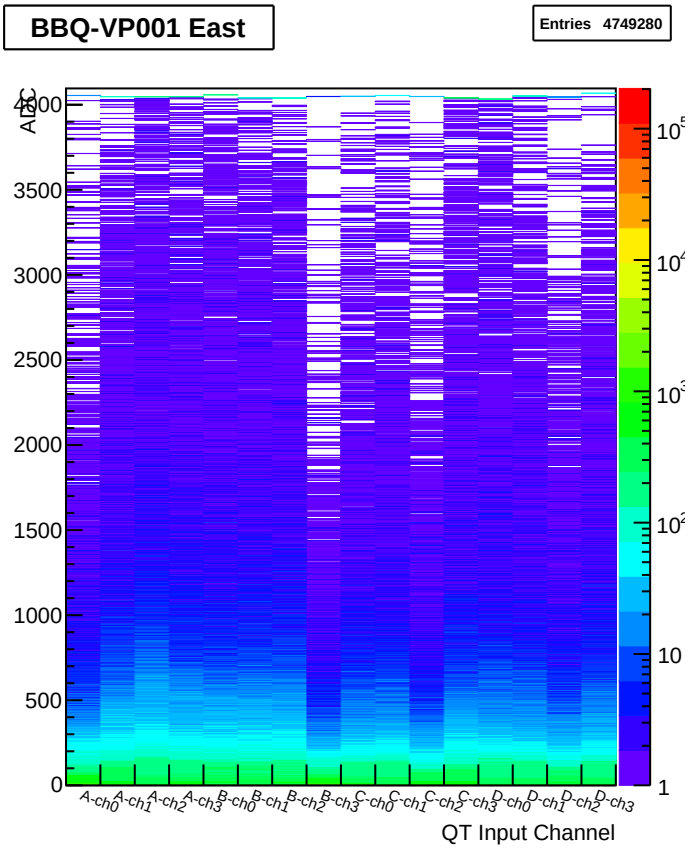

BBQ-BB001 (BBC east small tiles TAC)
Entries 4749280
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

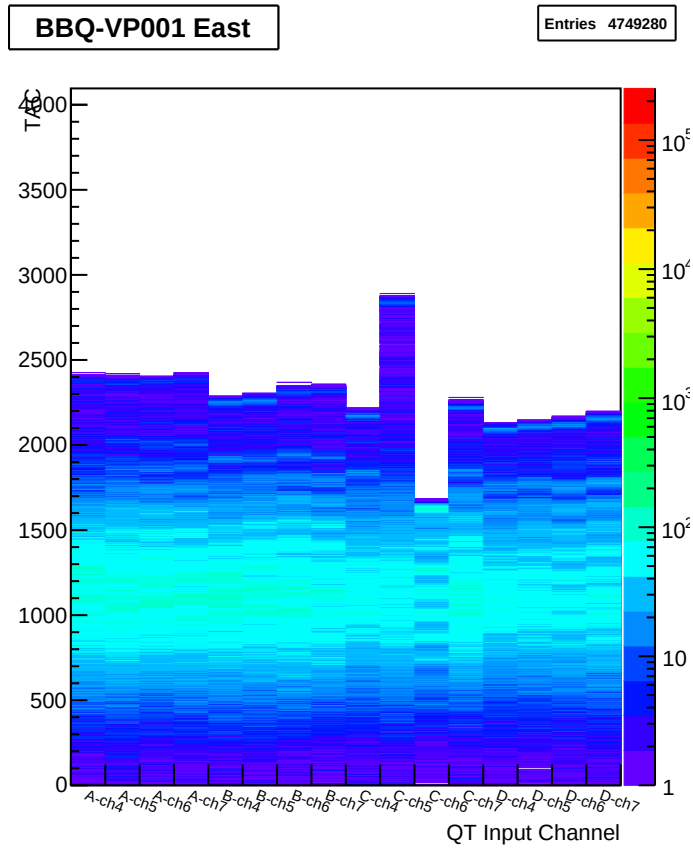

BBQ-BB002 (BBC west small tiles ADC)
Entries 4749280
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

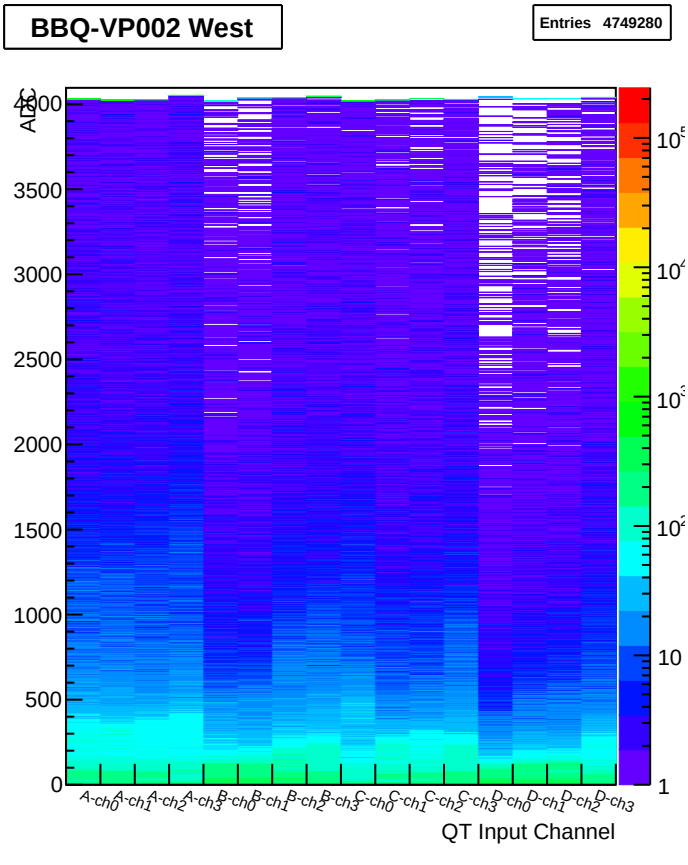

BBQ-BB002 (BBC west small tiles TAC)
Entries 4749280
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

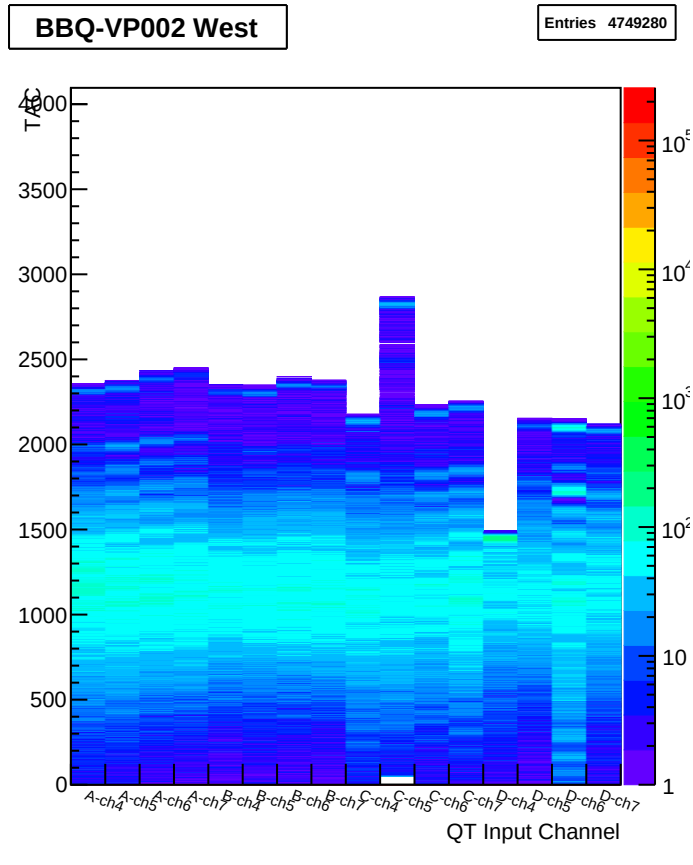

BBQ-ZD001 (ZDC TOWER)
Entries 4749280
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

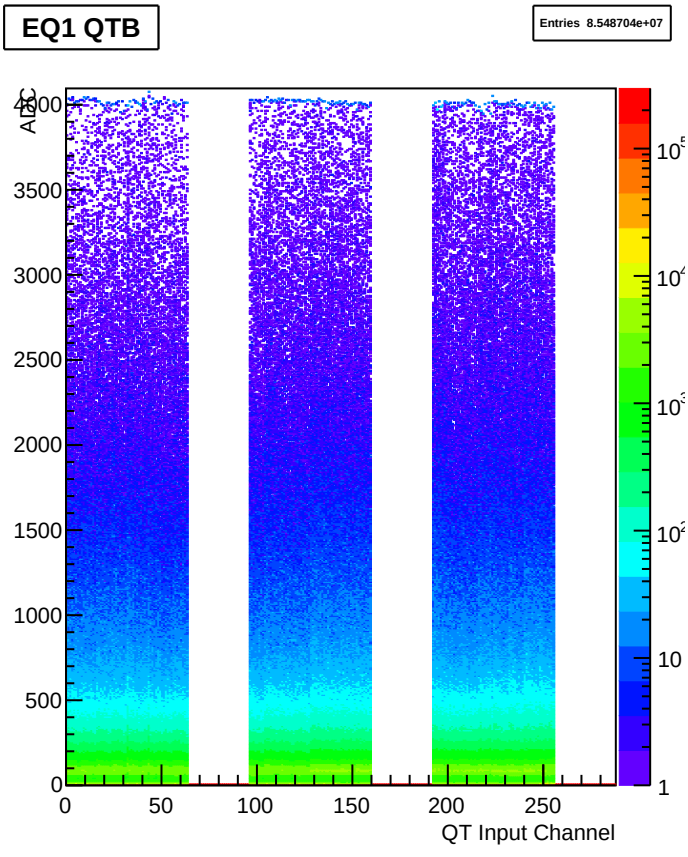

BBQ-ZD001 (ZDC TOWER)
Entries 4749280
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

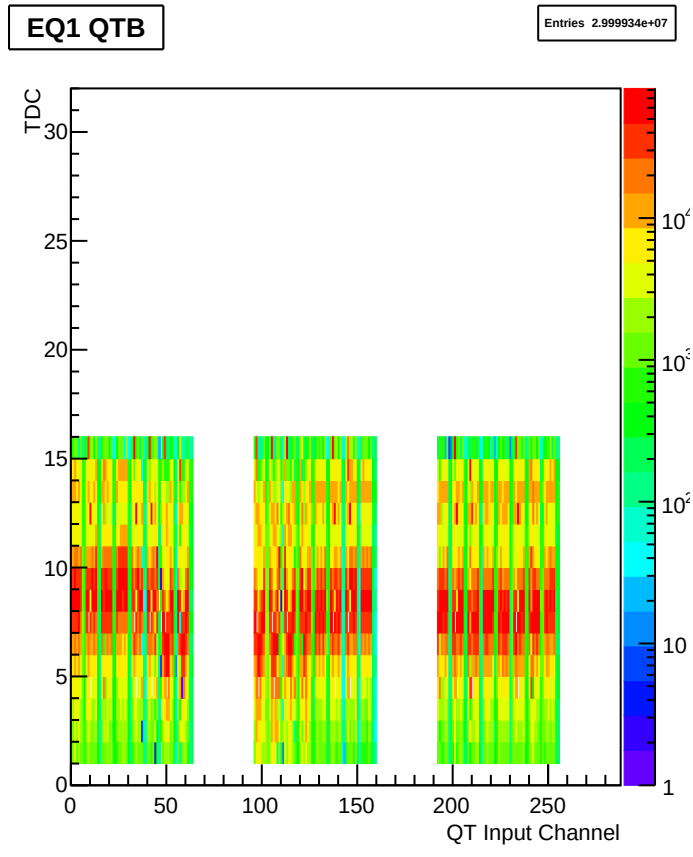

BBQ-VP001 East
Entries 4749280
ADC
QT Input Channel

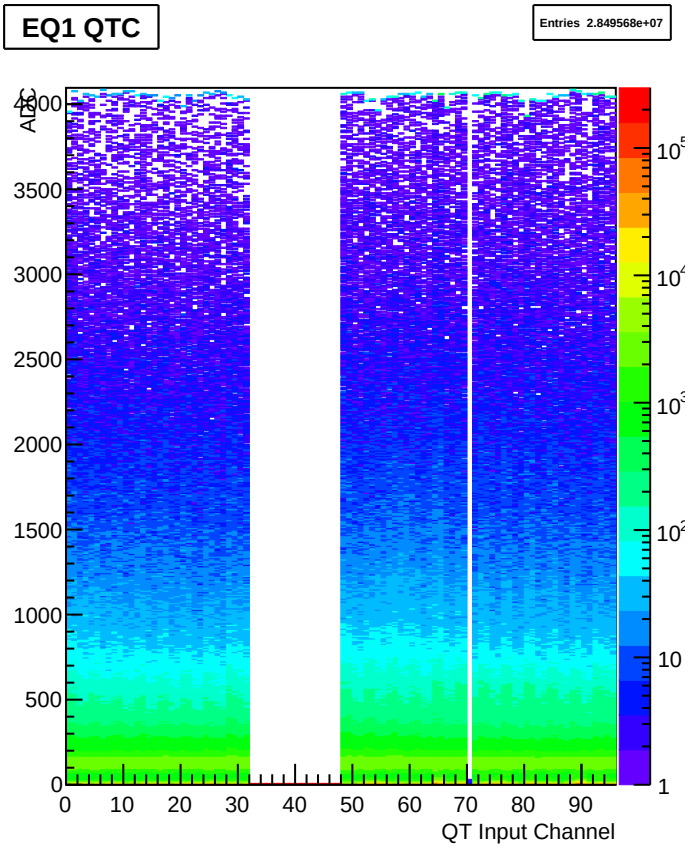

BBQ-VP001 East
Entries 4749280
TADC
QT Input Channel

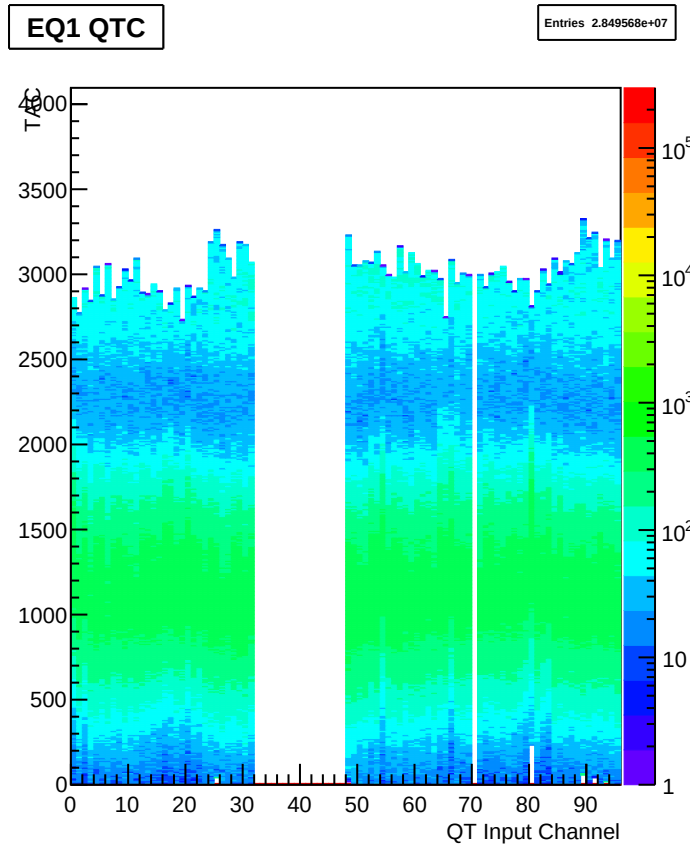

BBQ-VP002 West
Entries 4749280
ADC
QT Input Channel

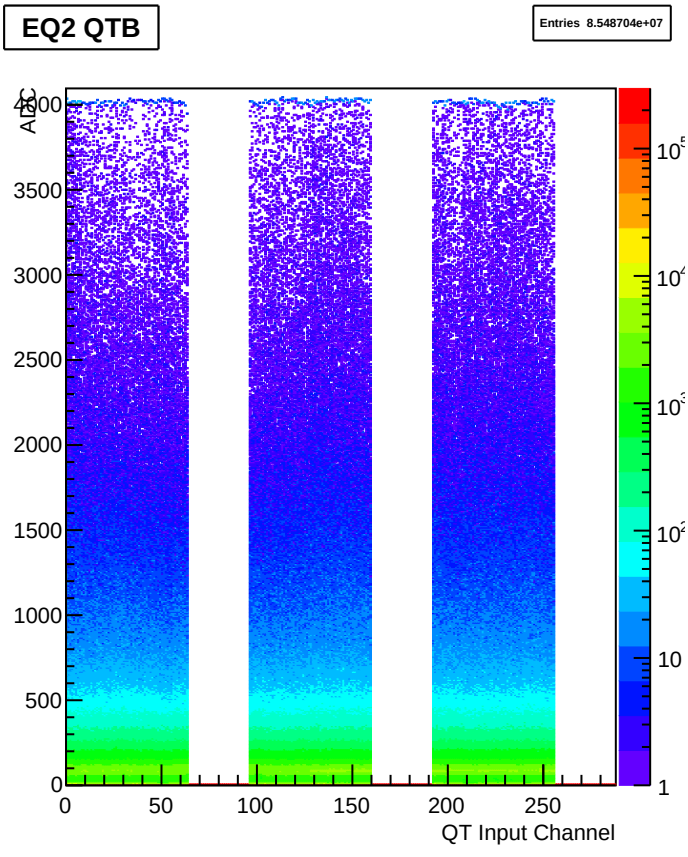

BBQ-VP002 West
Entries 4749280
TADC
QT Input Channel

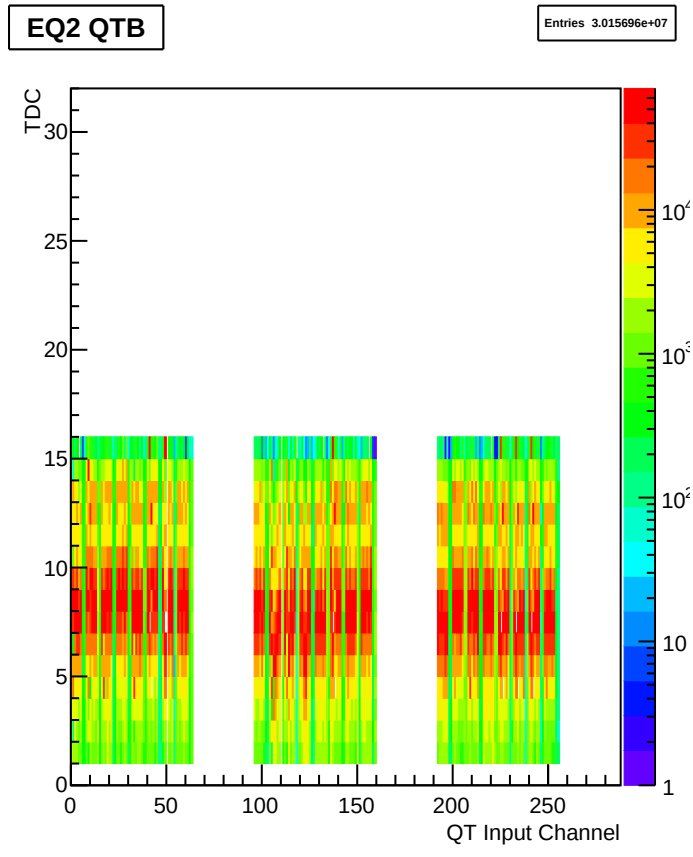

EQ1 QTB
Entries 8.548704e+07
ADC
QT Input Channel

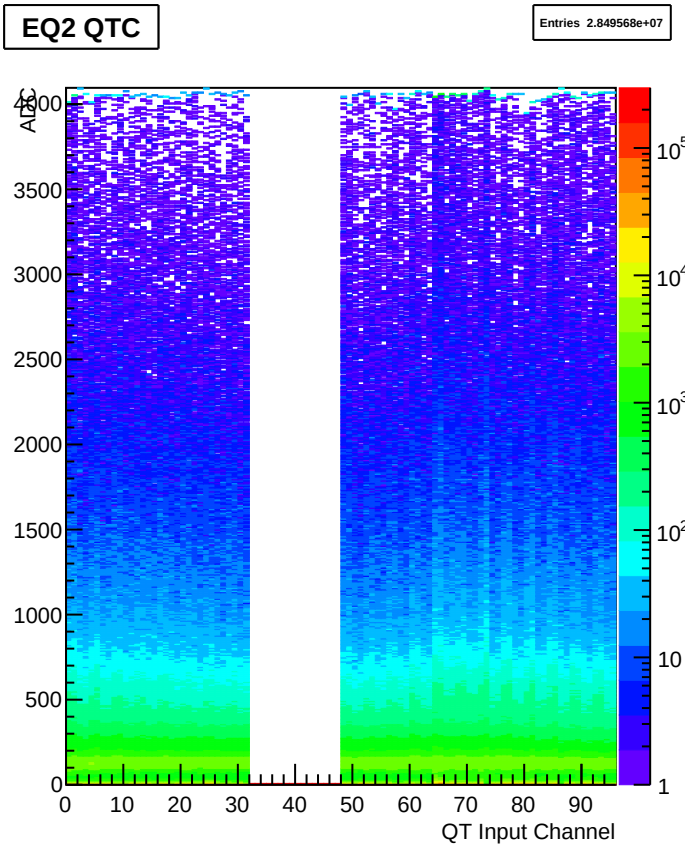

EQ1 QTB
Entries 2.999934e+07
TDC
QT Input Channel

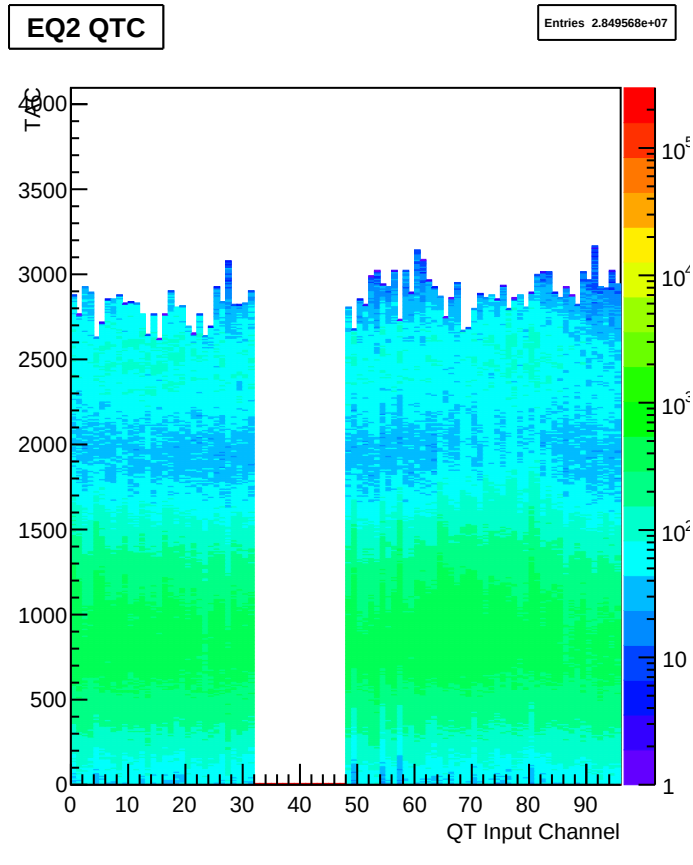

EQ1 QTC
Entries 2.849568e+07
ADC
QT Input Channel

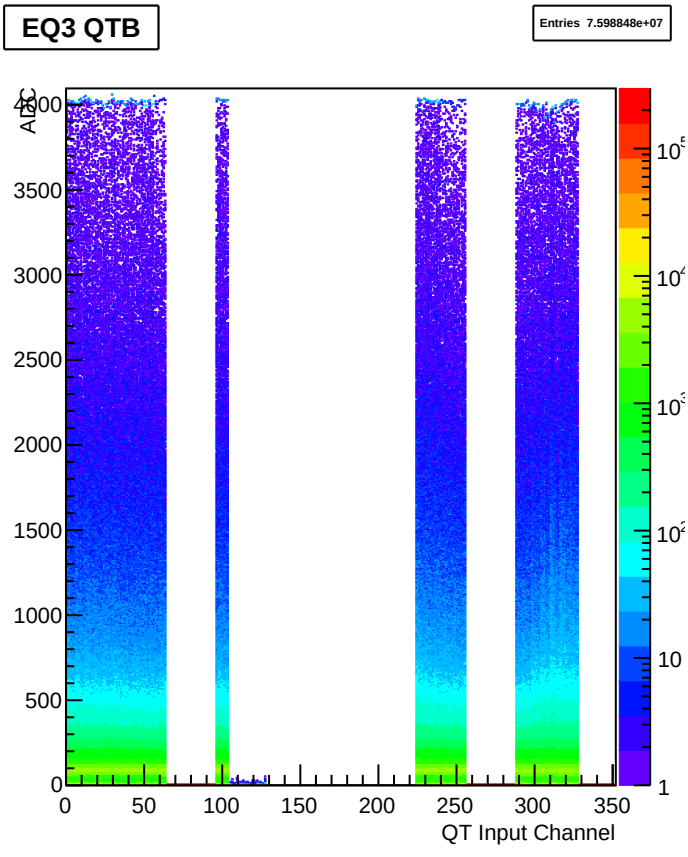

EQ1 QTC
Entries 2.849568e+07
TADC
QT Input Channel

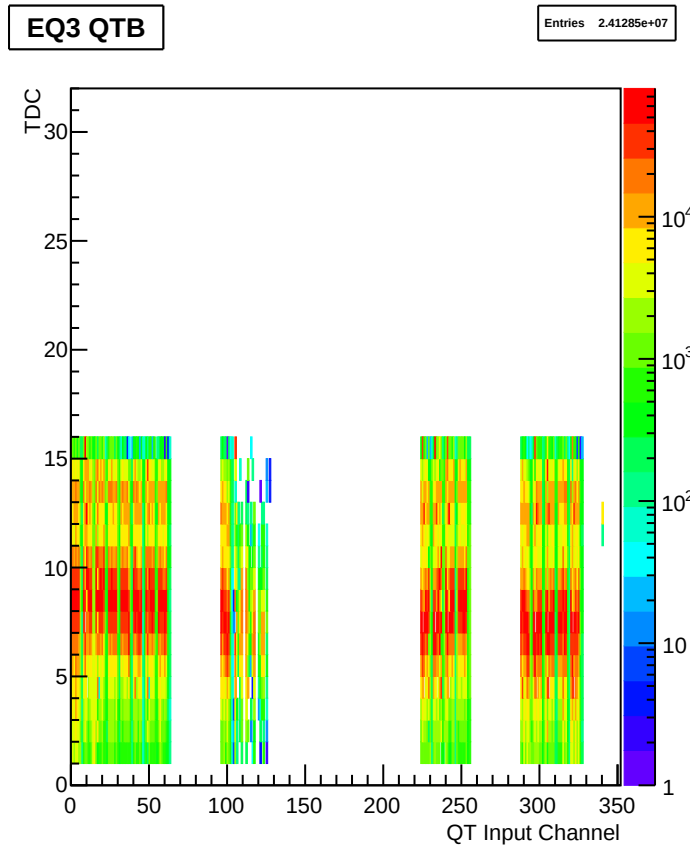

EQ2 QTB
Entries 8.548704e+07
ADC
QT Input Channel

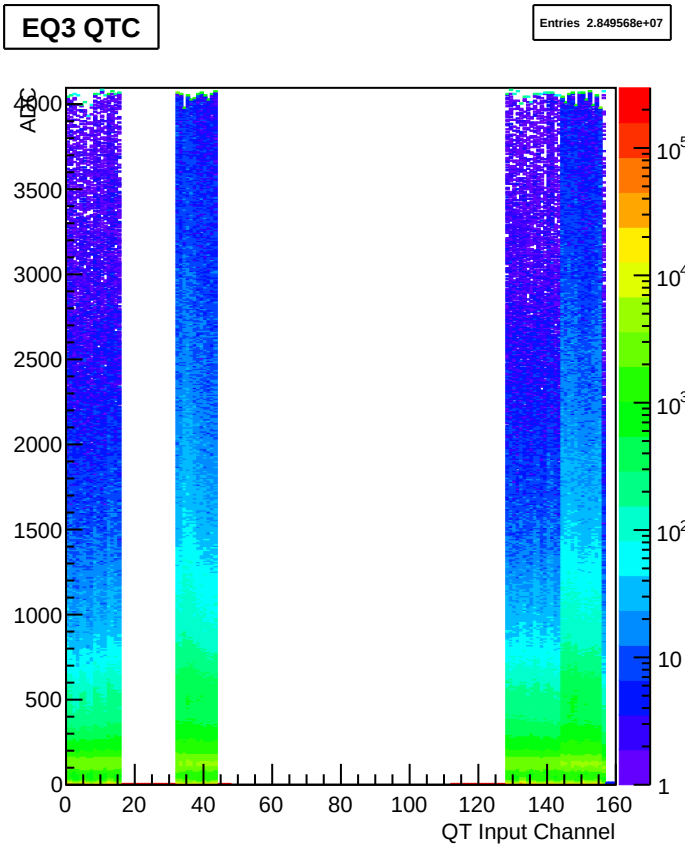

EQ2 QTB
Entries 3.015696e+07
TDC
QT Input Channel

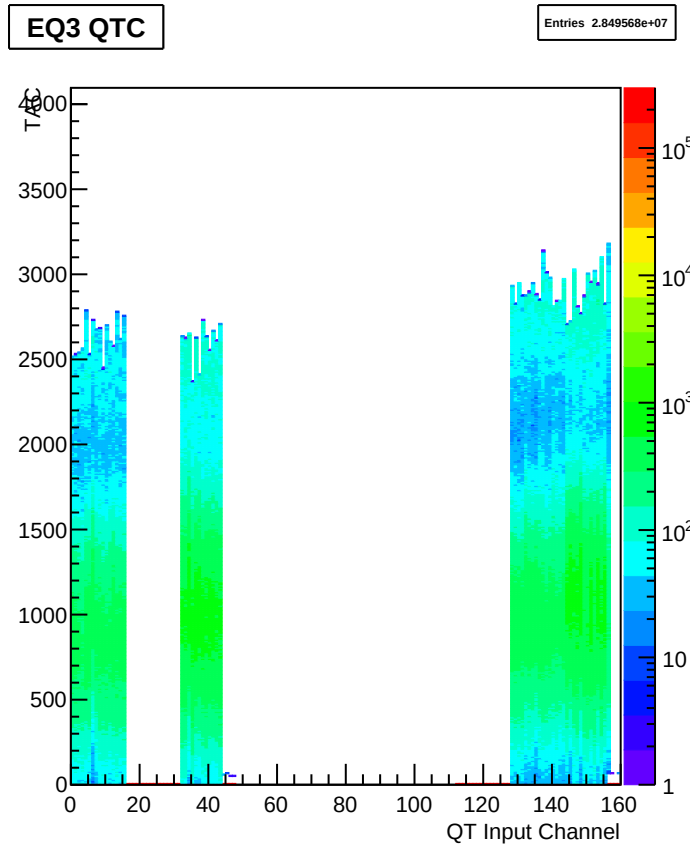

EQ2 QTC
Entries 2.849568e+07
ADC
QT Input Channel

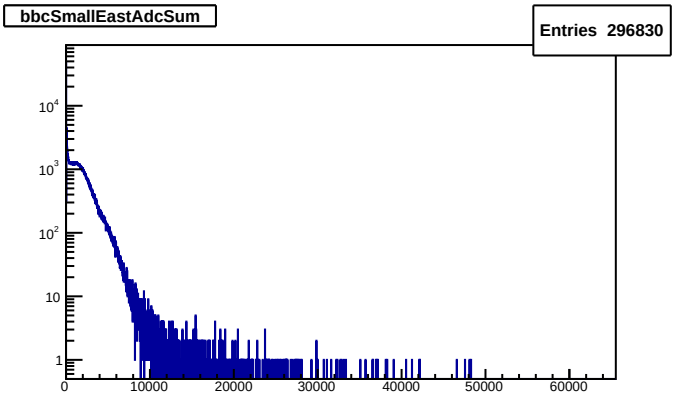

EQ2 QTC
Entries 2.849568e+07
TADC
QT Input Channel

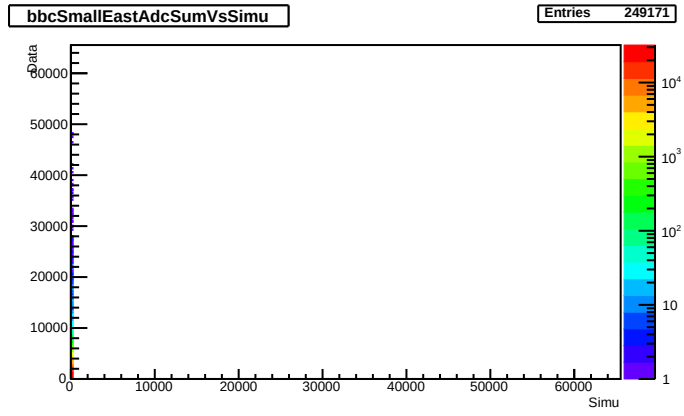

EQ3 QTB
Entries 7.598848e+07
ADC
QT Input Channel

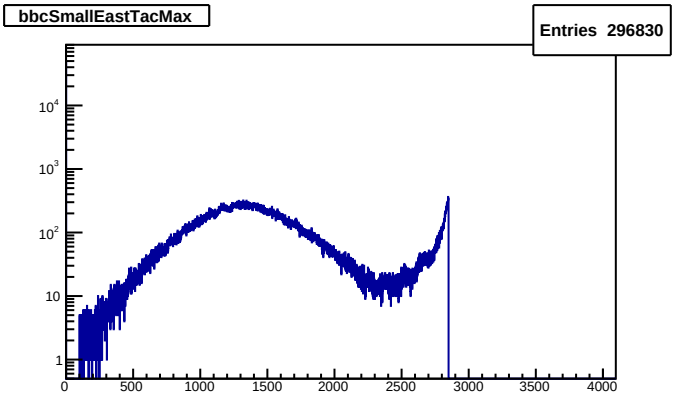

EQ3 QTB
Entries 2.41285e+07
TDC
QT Input Channel

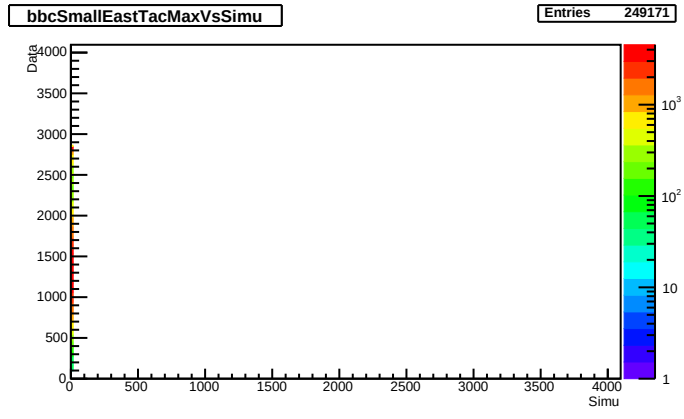

EQ3 QTC
Entries 2.849568e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.849568e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 296830


bbcSmallEastAdcSumVsSimu
Entries 249171
Data
Simu


bbcSmallEastTacMax
Entries 296830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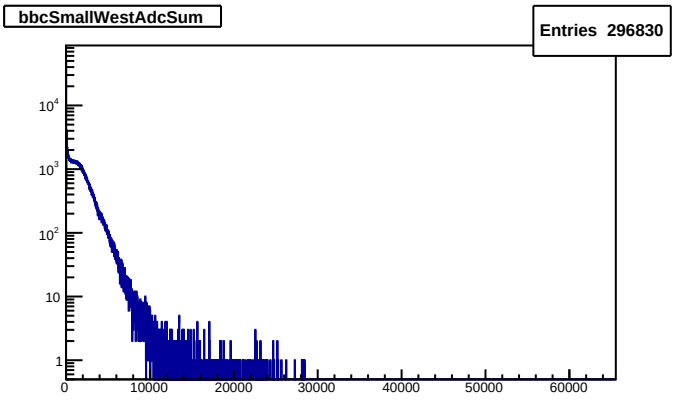
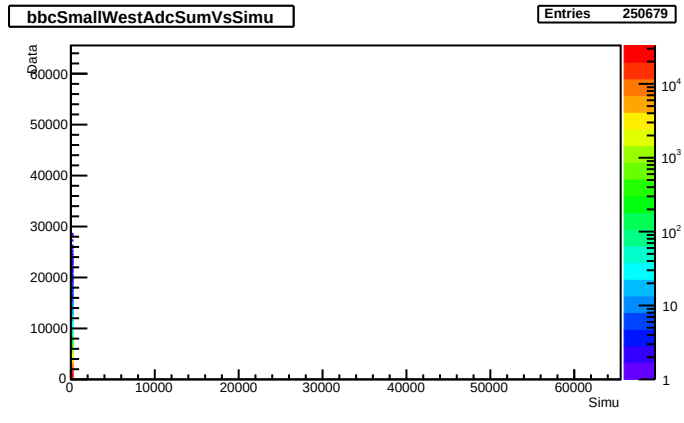
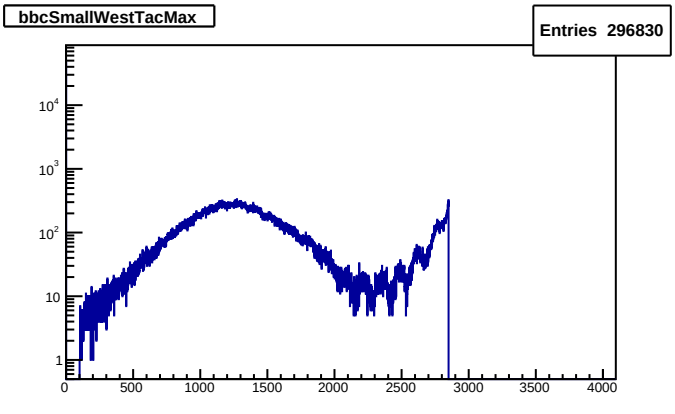
Entries 249171
Data
Simu


bbcSmallWestAdcSum
Entries 296830


bbcSmallWestAdcSumVsSimu
Entries 250679
Data
Simu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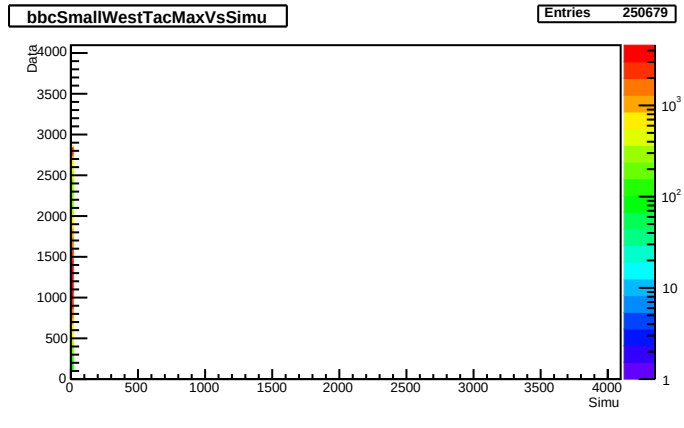
Entries 296830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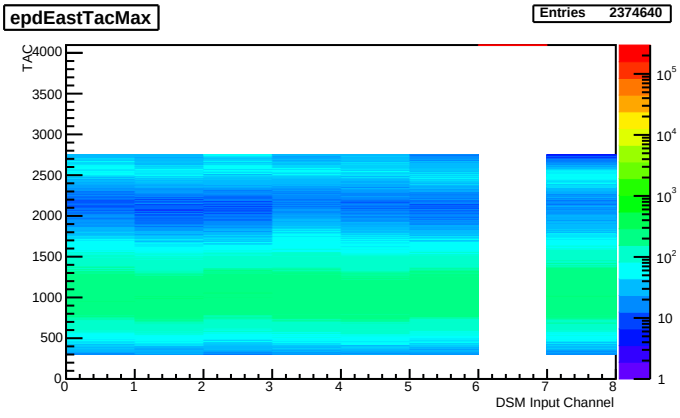
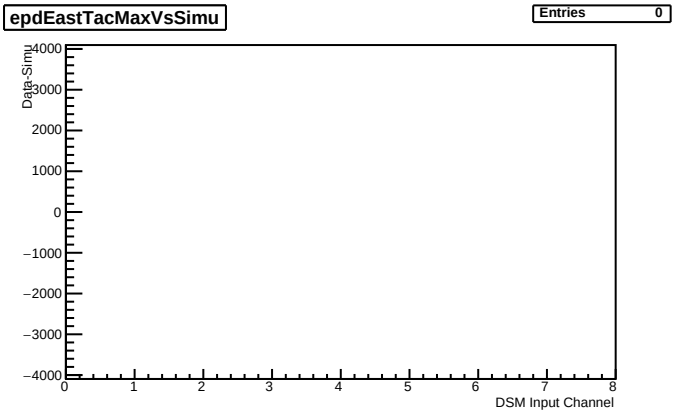
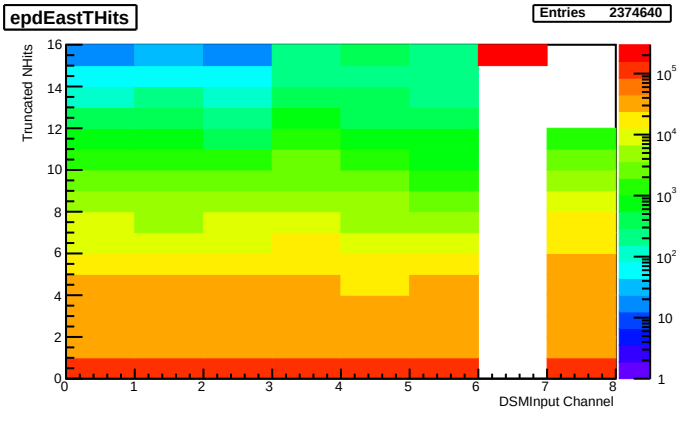
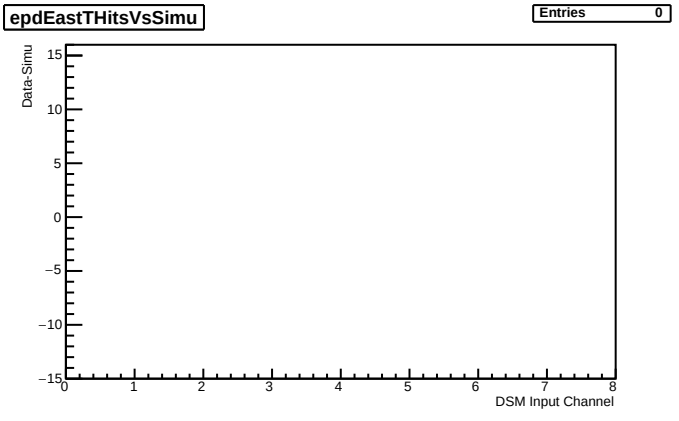
Entries 250679
Data
Simu


epdEastTacMax
Entries 2374640
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2374640
Truncated NHits
DSMInput Channel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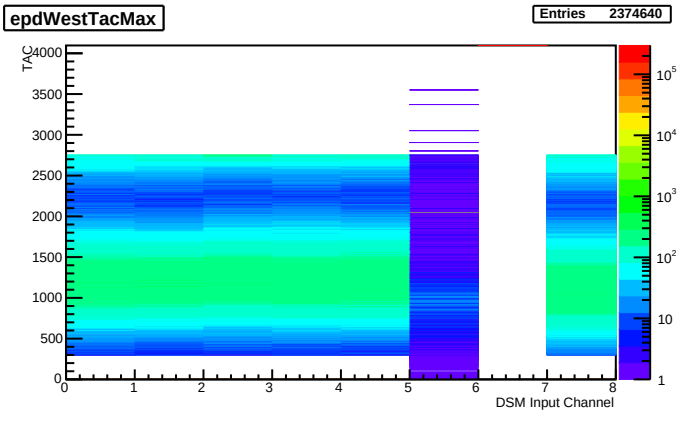
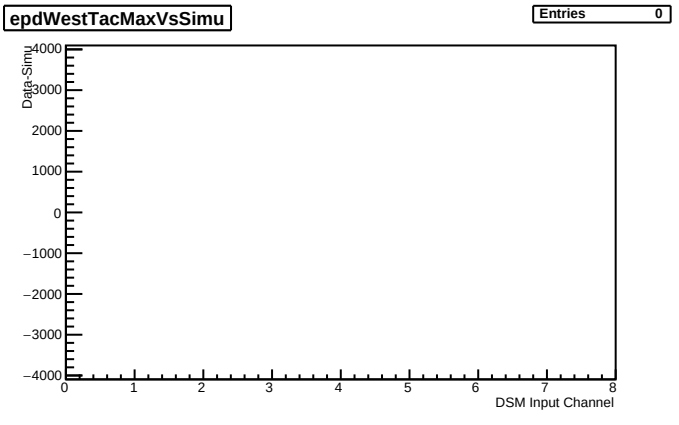
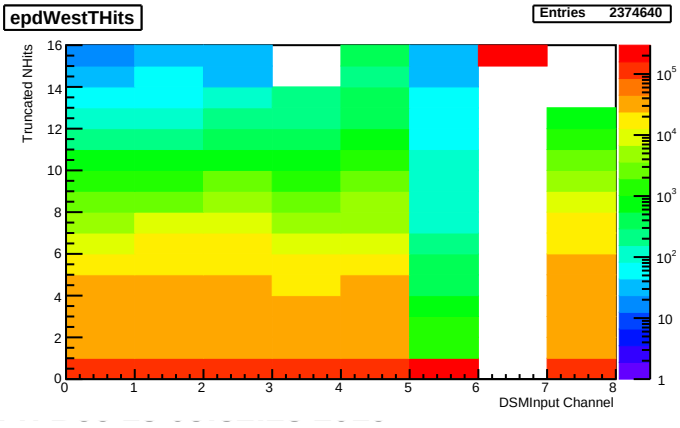
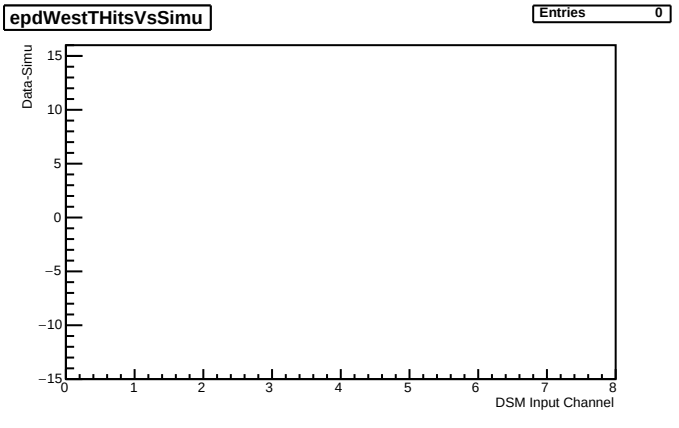
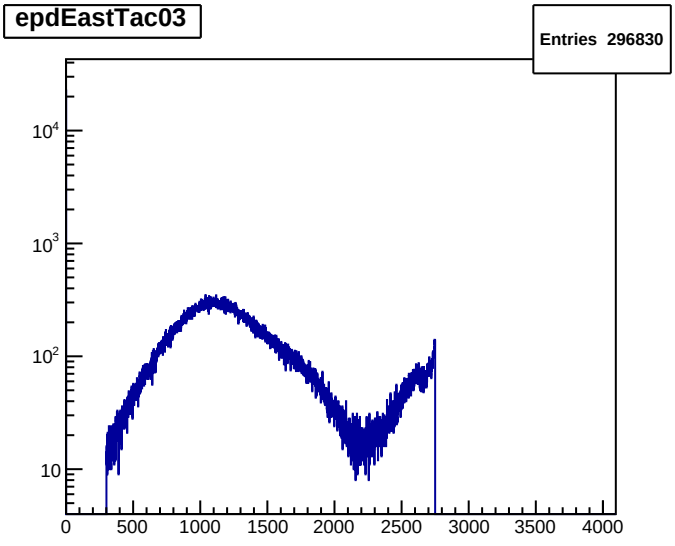
Entries 0
Data-Simu
DSM Input Channel

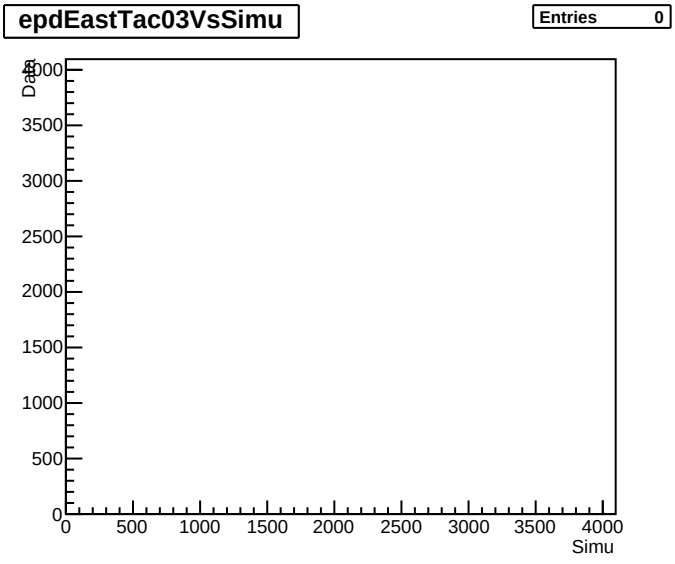

epdWestTacMax
Entries 2374640
TAC
DSM Input Channel

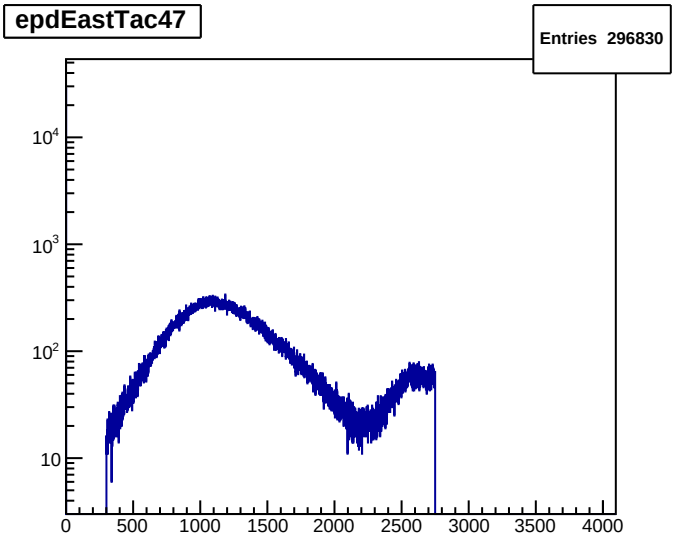

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

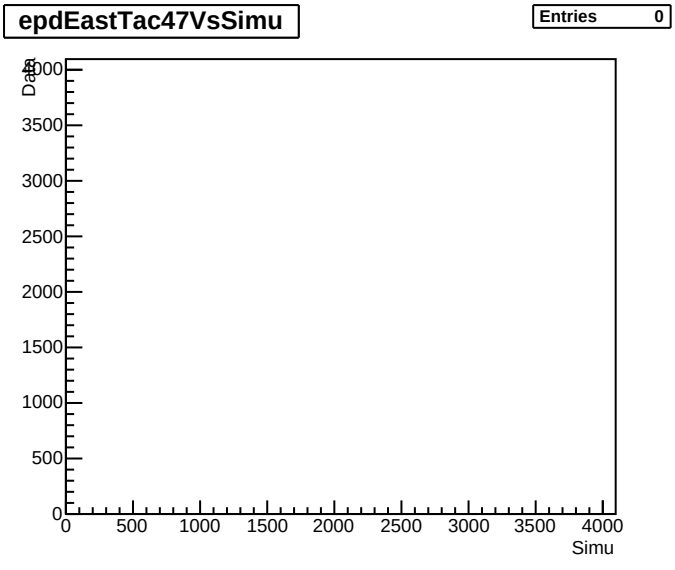

epdWestTHits
Entries 2374640
Truncated NHits
DSMInput Channel

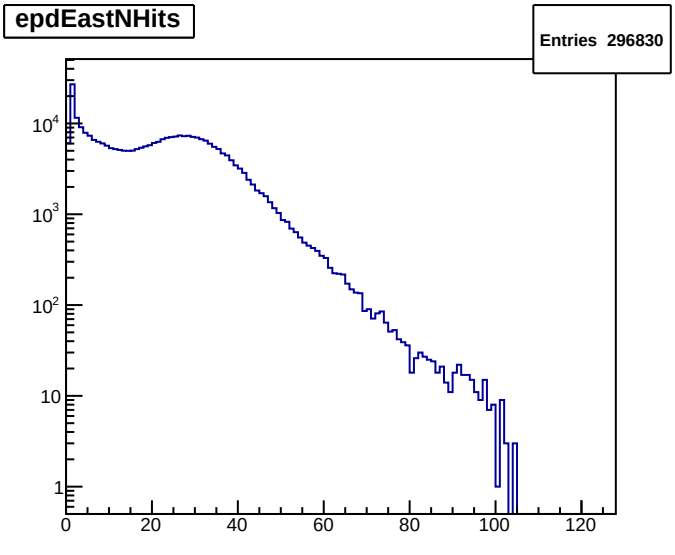

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

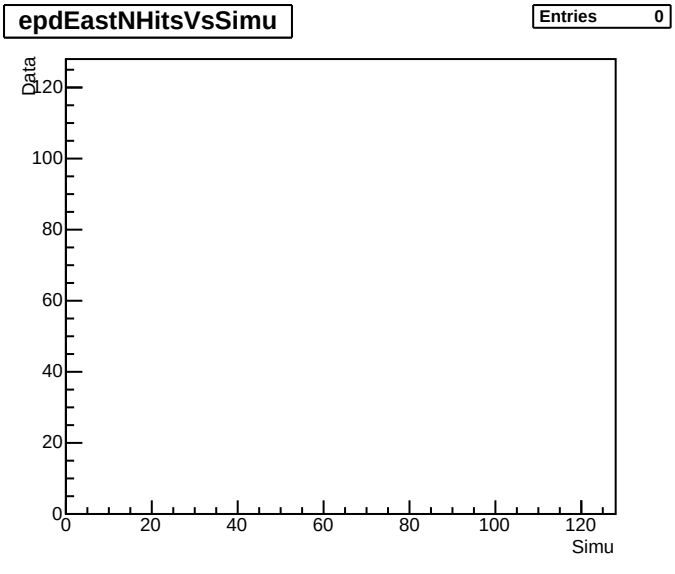

epdEastTac03
Entries 296830
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

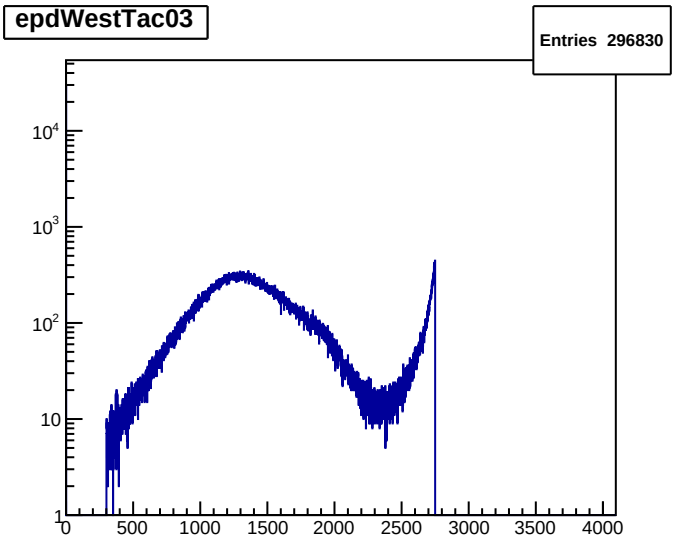

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

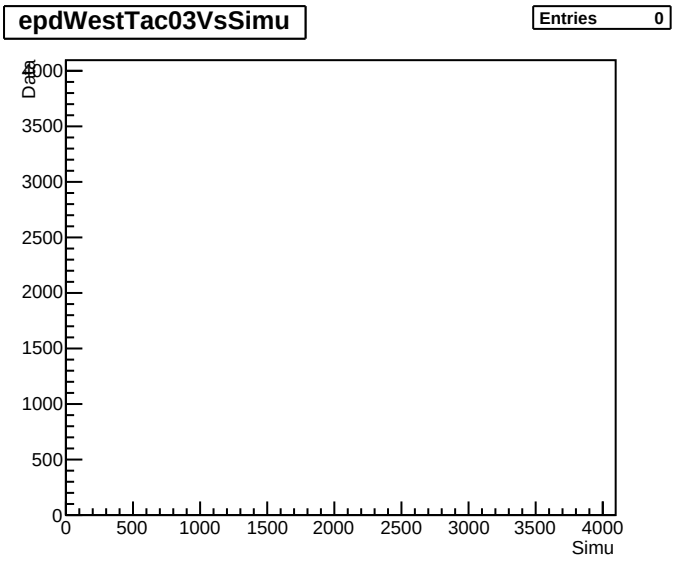

epdEastTac47
Entries 296830
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 296830
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 296830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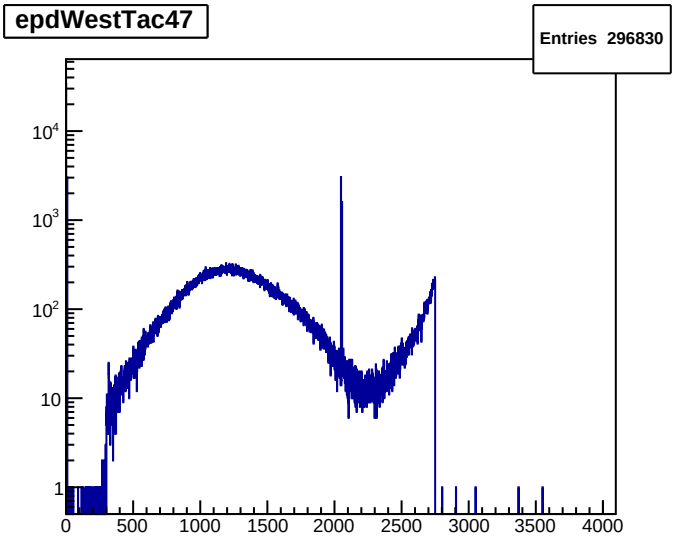
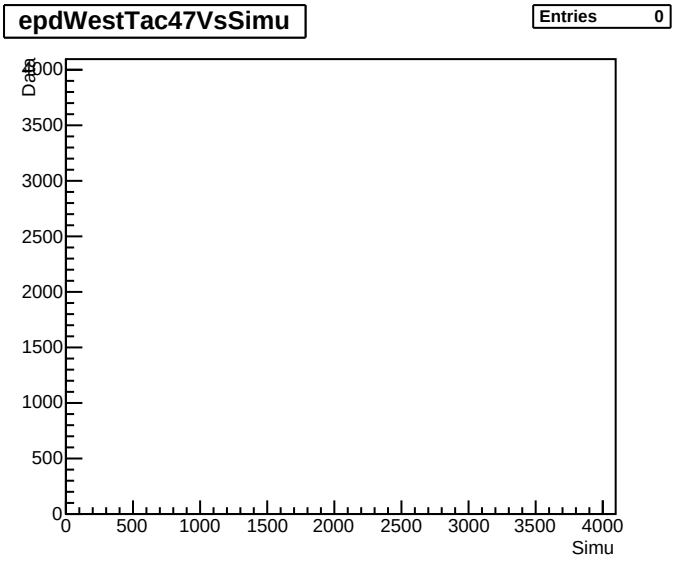
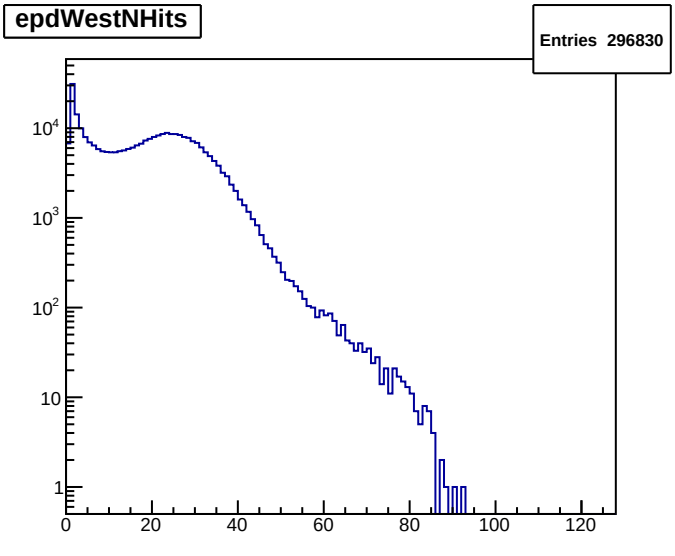
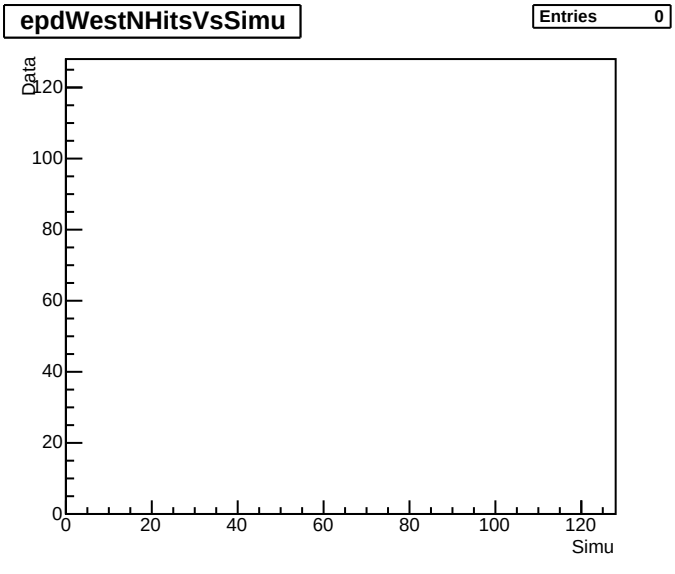
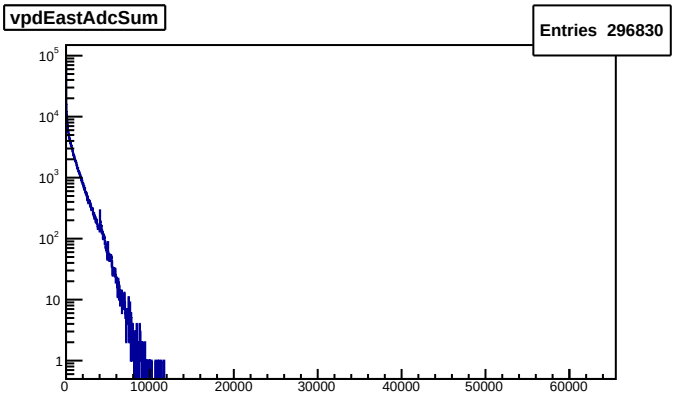
Entries 0
Data
Simu

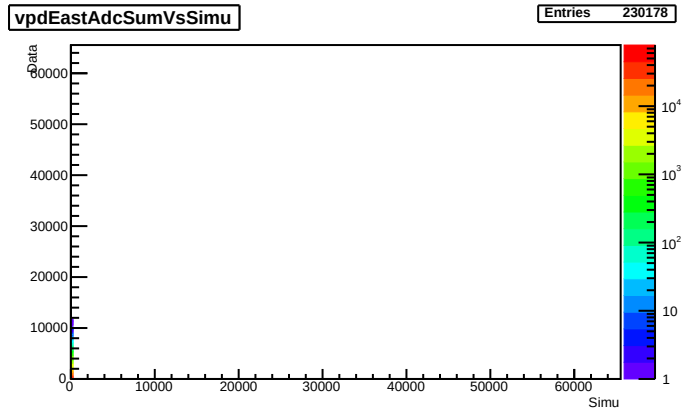

epdWestTac47
Entries 296830

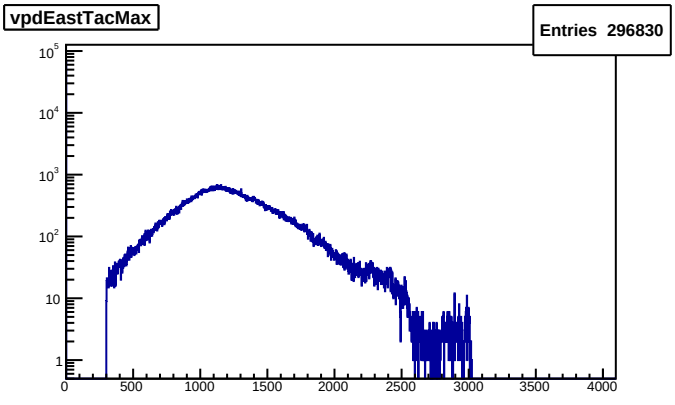

epdWestTac47VsSimu
Entries 0
Data
Simu

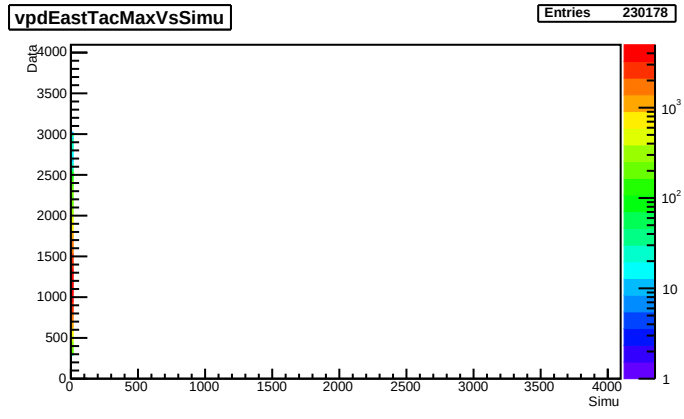

epdWestNHits
Entries 296830

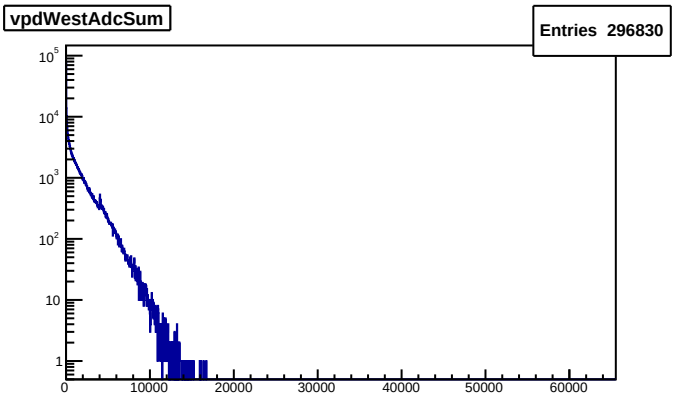

epdWestNHitsVsSimu
Entries 0
Data
Simu

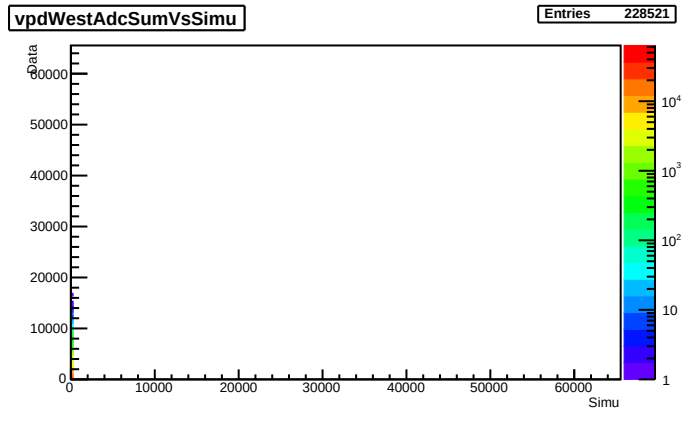

vpdEastAdcSum
Entries 296830

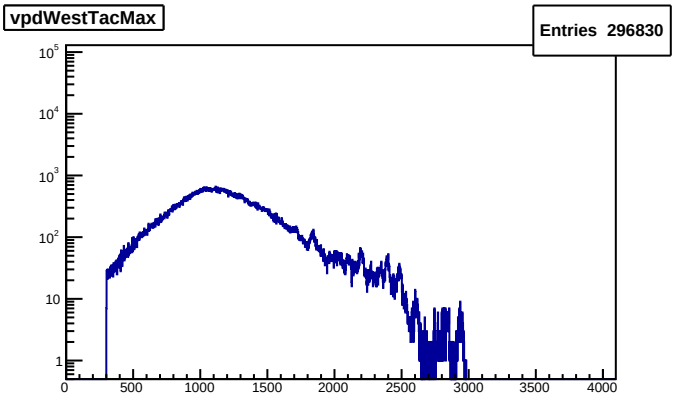

vpdEastAdcSumVsSimu
Entries 230178
Data
Simu

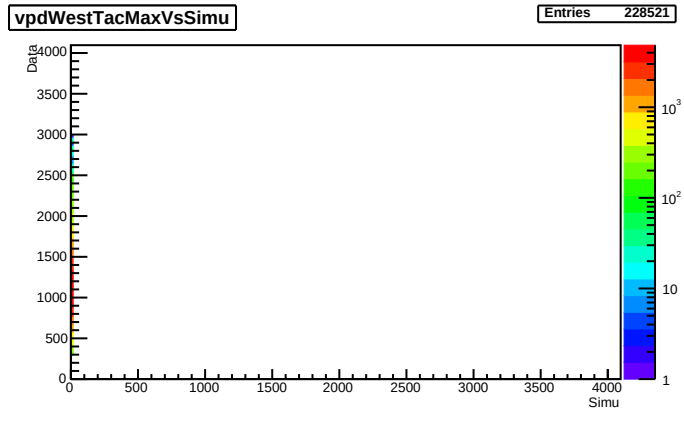

vpdEastTacMax
Entries 296830

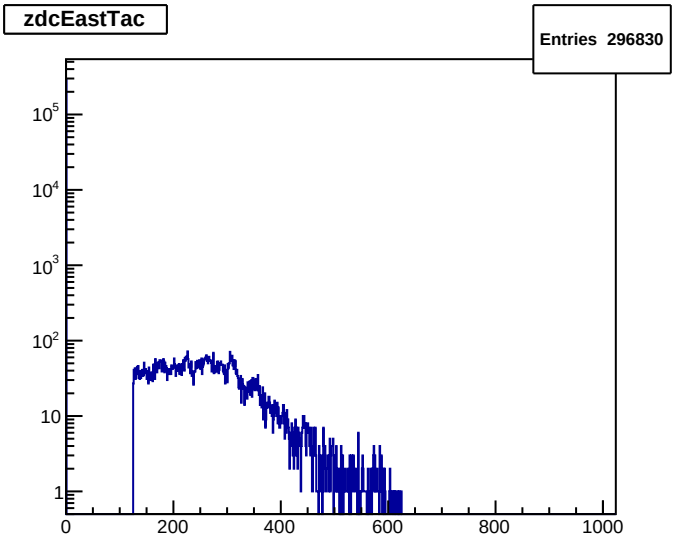

vpdEastTacMaxVsSimu
Entries 230178
Data
Simu

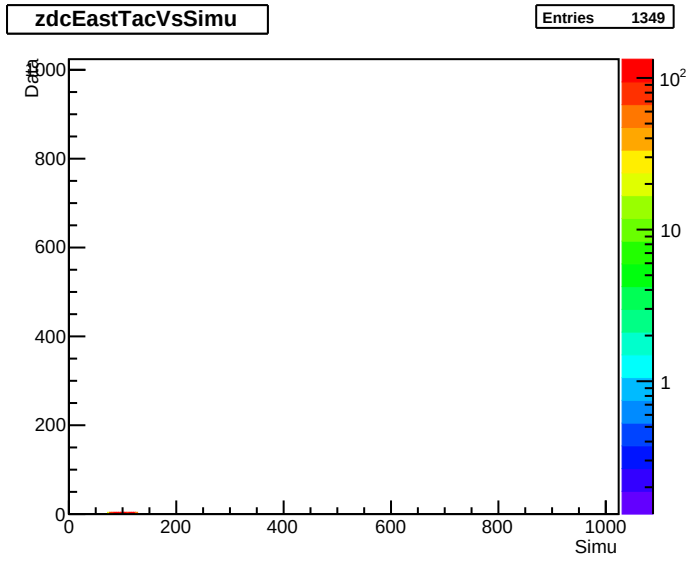

vpdWestAdcSum
Entries 296830

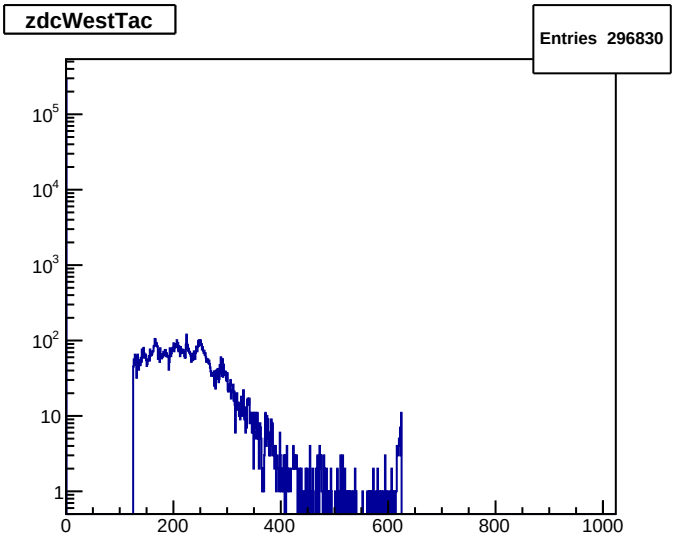

vpdWestAdcSumVsSimu
Entries 228521
Data
Simu

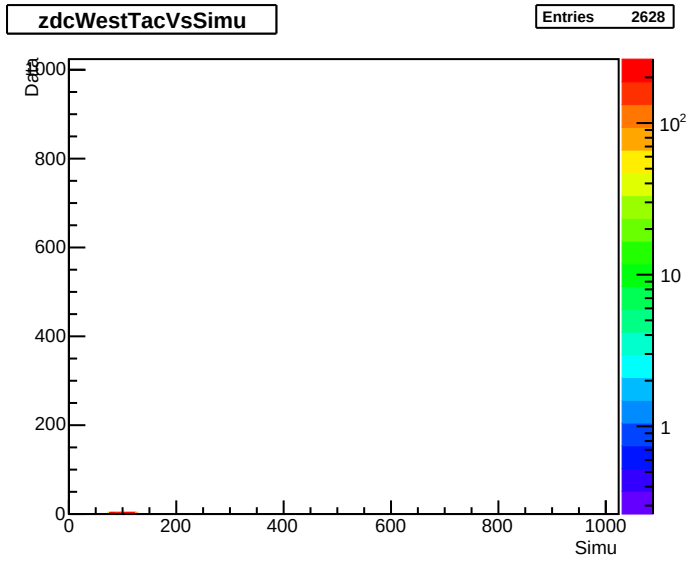

vpdWestTacMax
Entries 296830

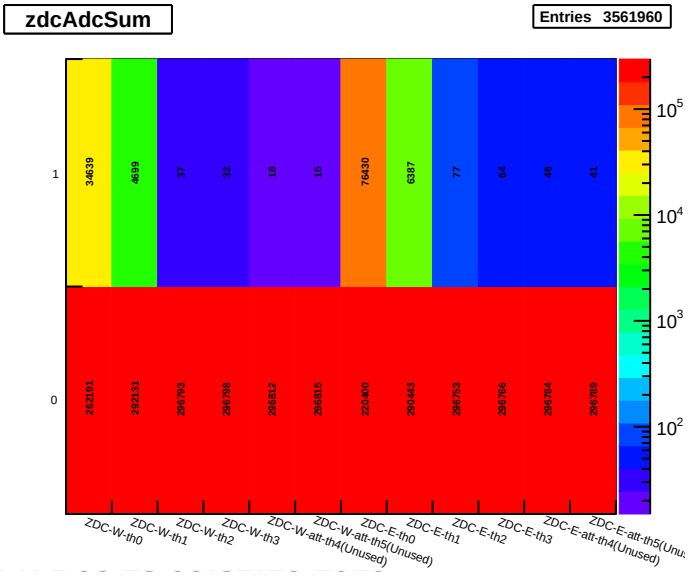

vpdWestTacMaxVsSimu
Entries 228521
Data
Simu

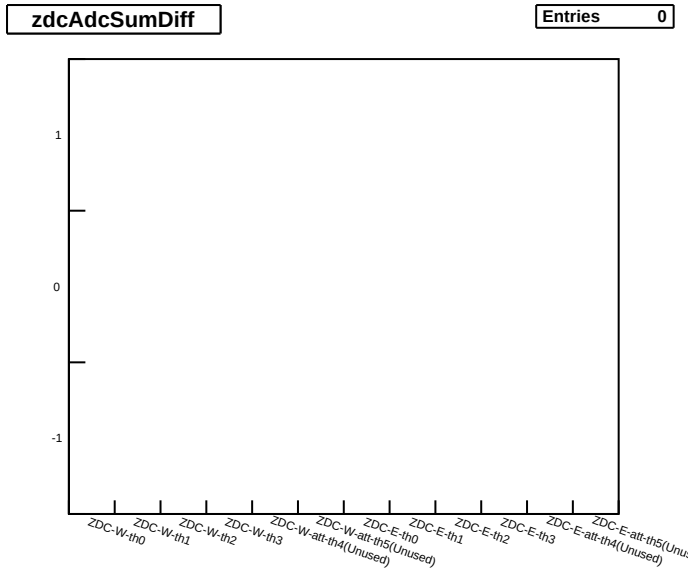

zdcEastTac
Entries 296830

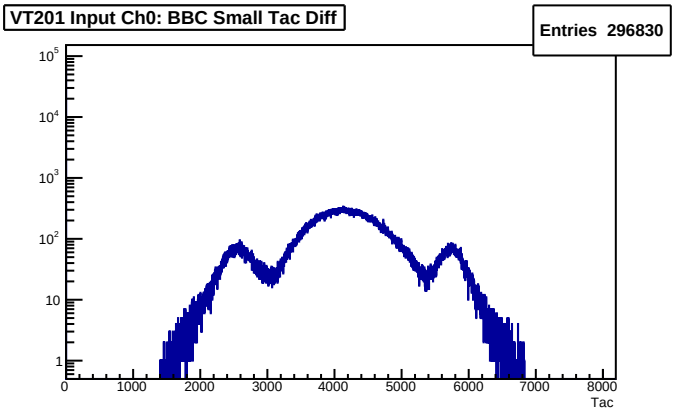

zdcEastTacVsSimu
Entries 1349
Data
Simu

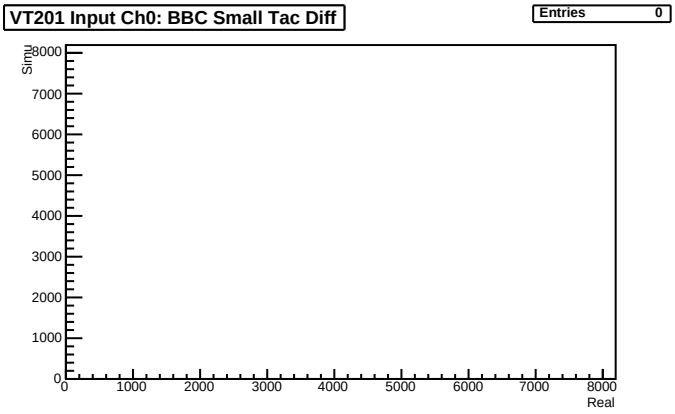

zdcWestTac
Entries 296830

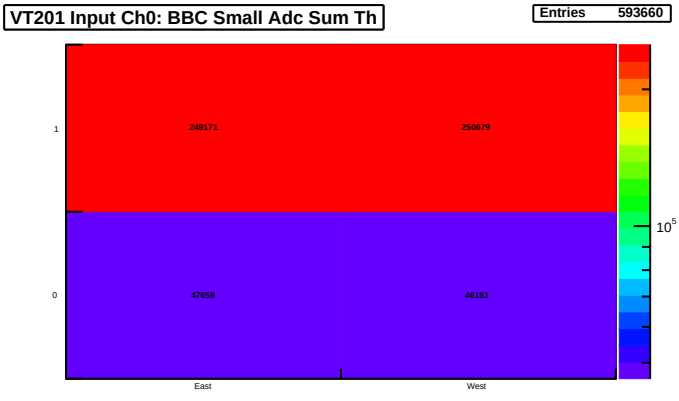

zdcWestTacVsSimu
Entries 2628
Data
Simu

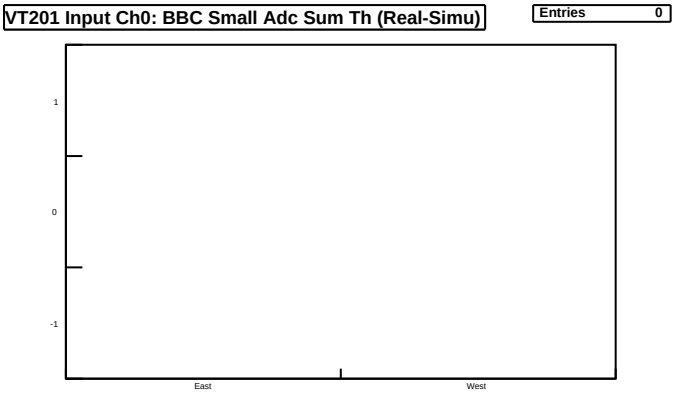

zdcAdcSum
Entries 3561960
34639
4699
37
32
18
15
76430
6387
77
64
46
41
262191
292131
296793
296798
296812
296815
220400
290443
296753
296766
296784
296789
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

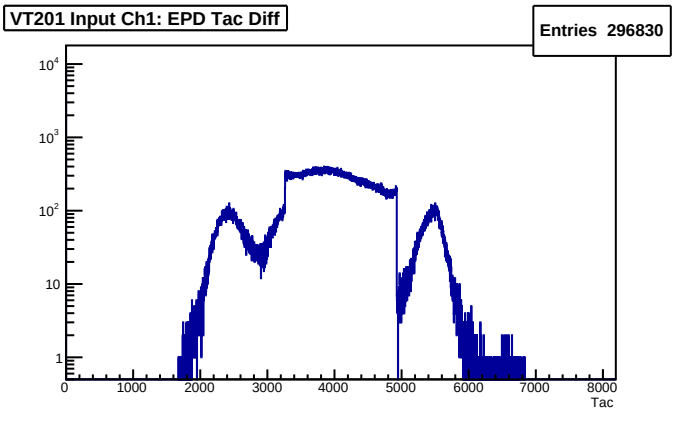

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

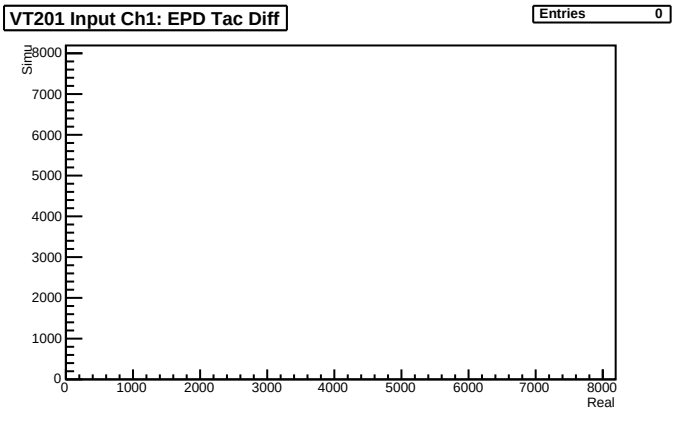

VT201 Input Ch0: BBC Small Tac Diff
Entries 296830
Tac

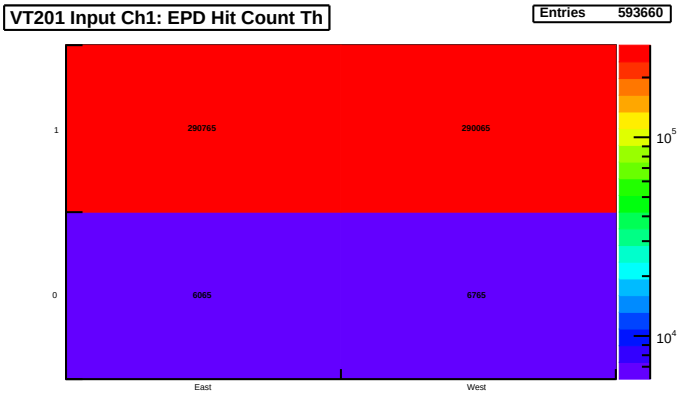

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

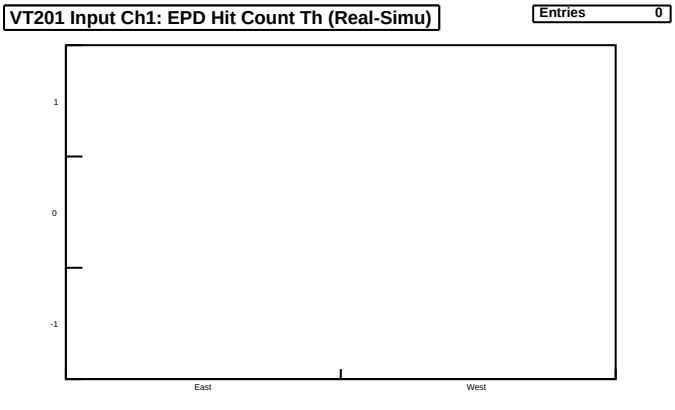

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 593660
249171
250679
47659
46151
East
West

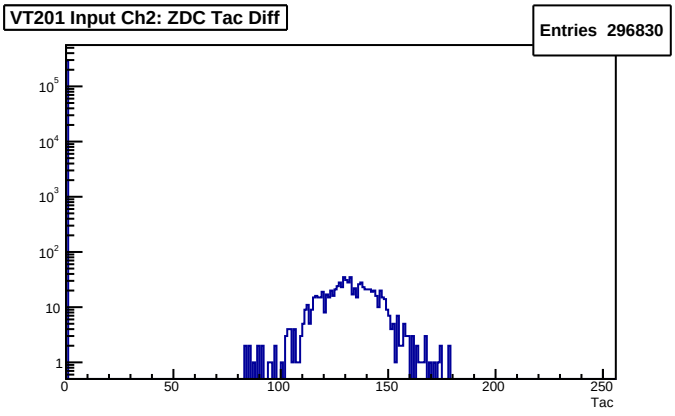

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

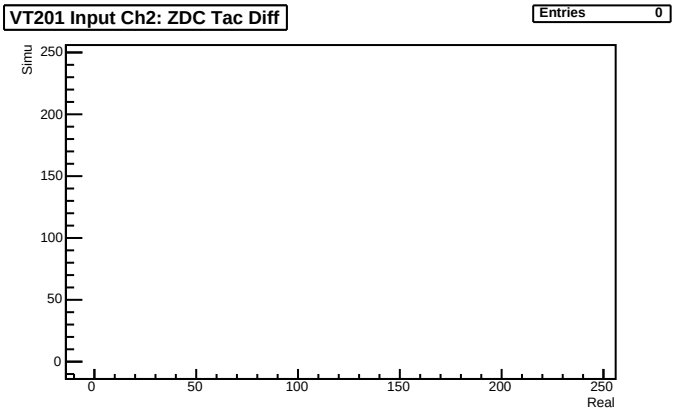

VT201 Input Ch1: EPD Tac Diff
Entries 296830
Tac

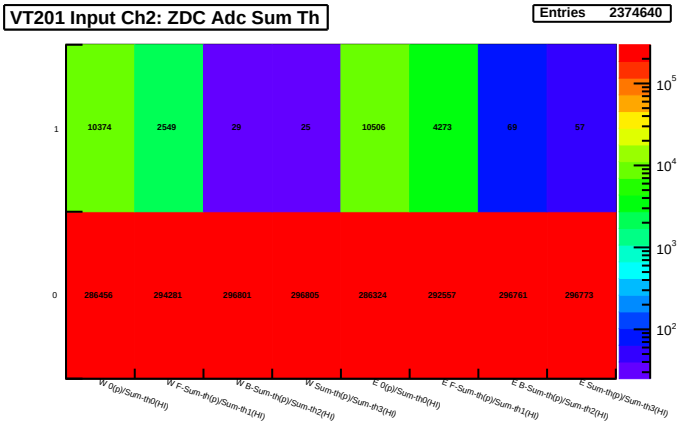

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

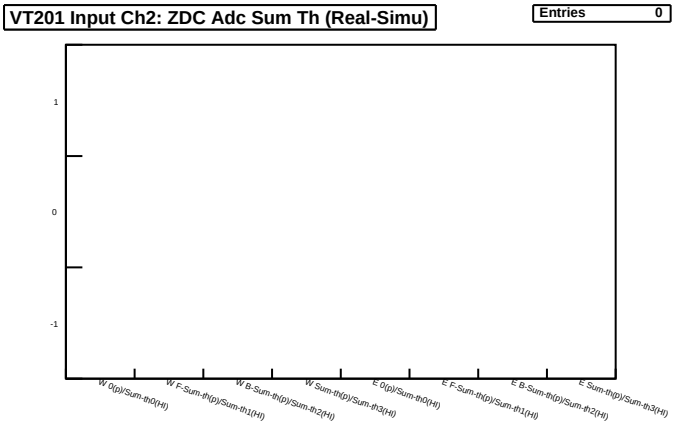

VT201 Input Ch1: EPD Hit Count Th
Entries 593660
290765
290065
6065
6765
East
West

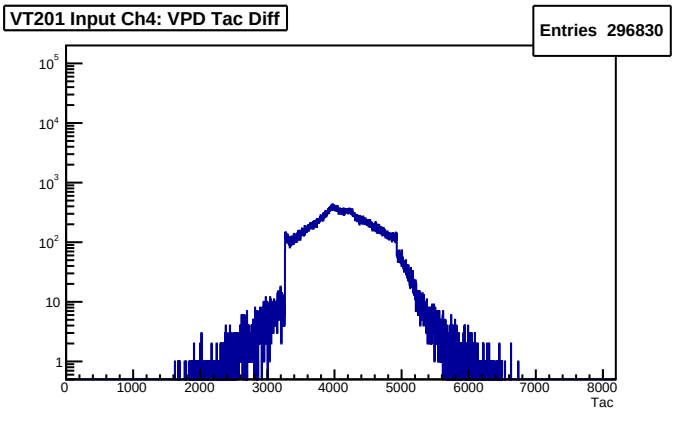

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

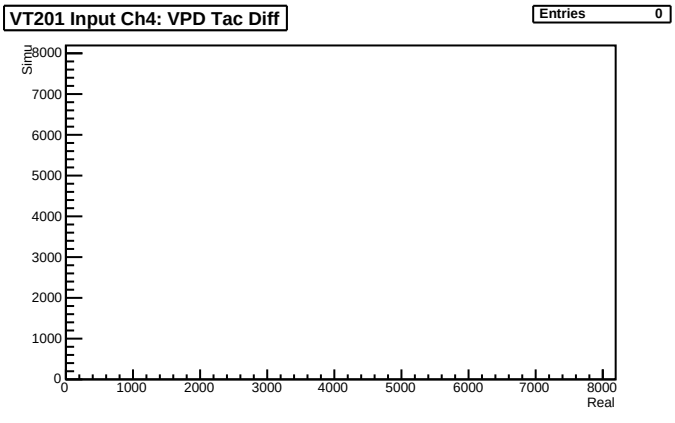

VT201 Input Ch2: ZDC Tac Diff
Entries 296830
Tac

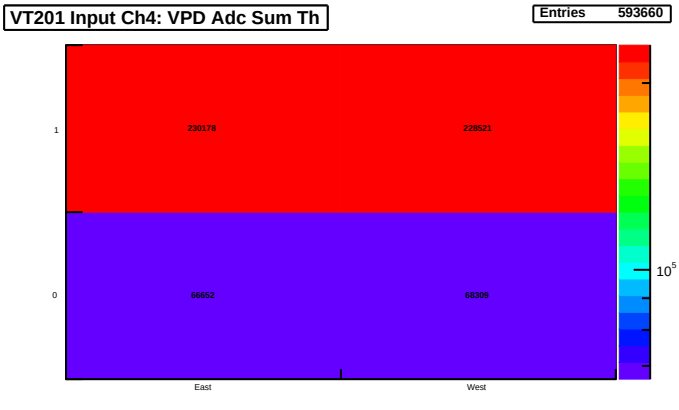

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

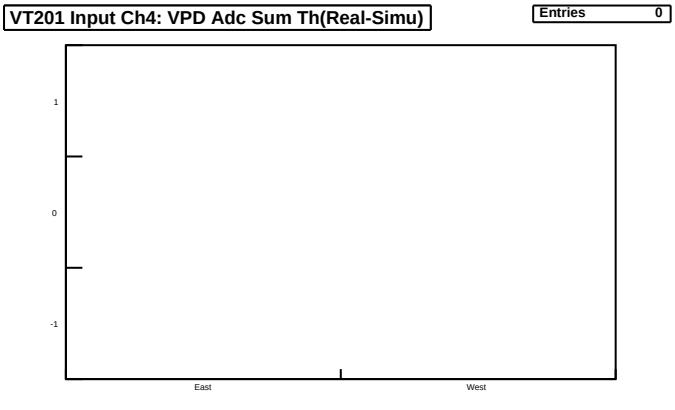

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2374640
10374
2549
29
25
10506
4273
69
57
286456
294281
296801
296805
286324
292557
296761
296773
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

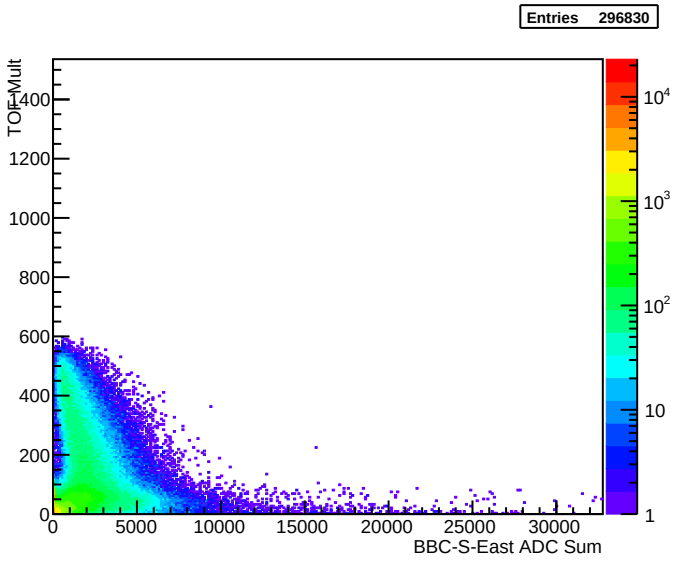

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

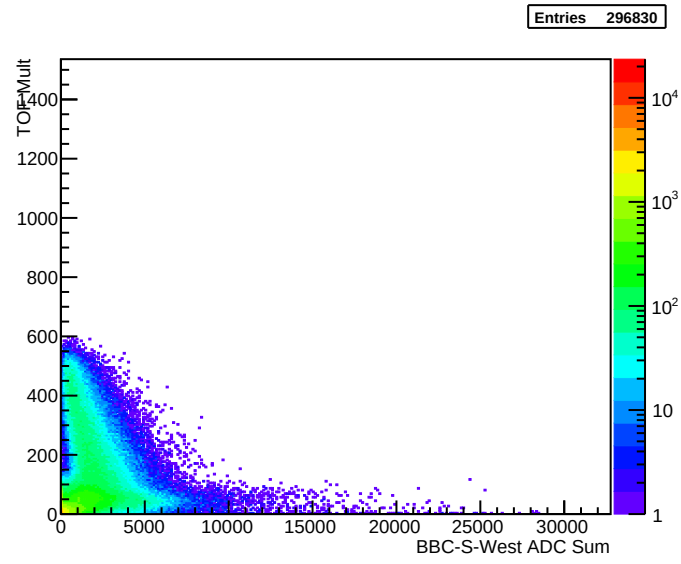

VT201 Input Ch4: VPD Tac Diff
Entries 296830
Tac

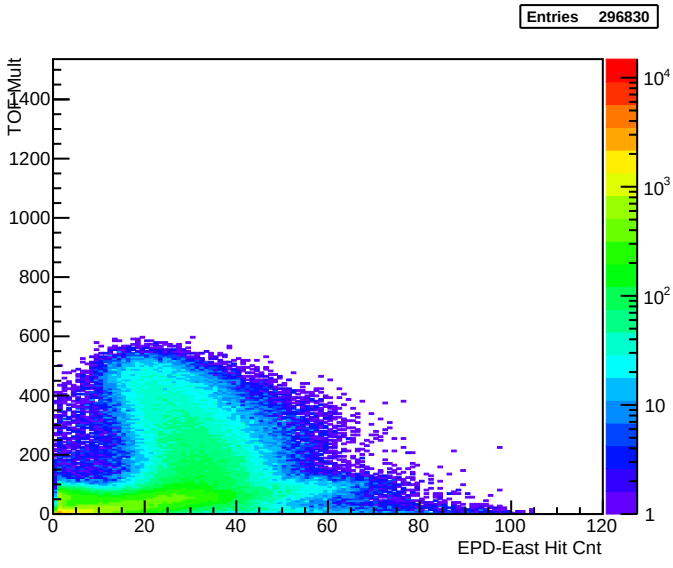

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

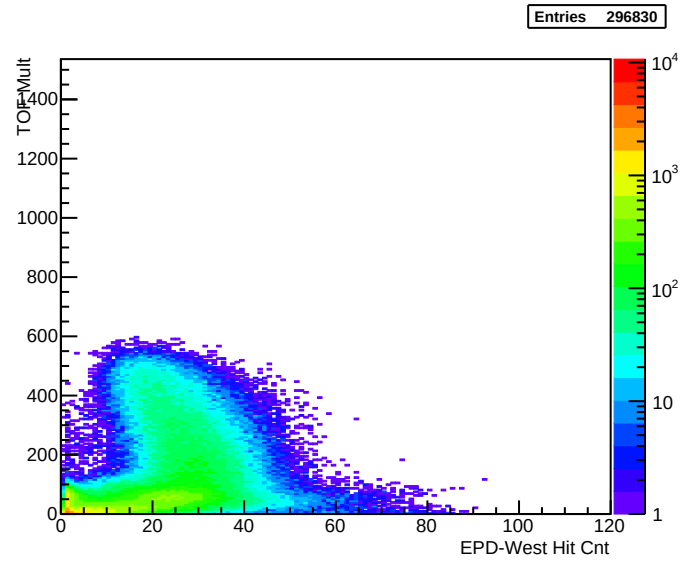

VT201 Input Ch4: VPD Adc Sum Th
Entries 593660
230178
228521
66652
68309
East
West

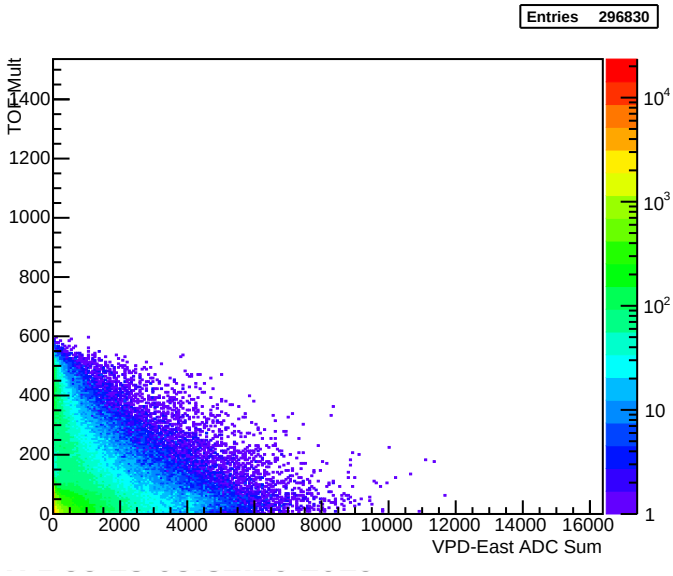

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

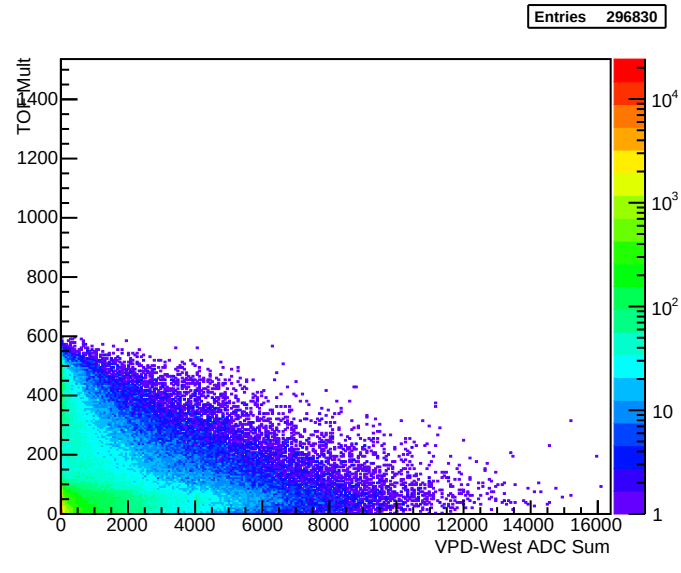

Entries 296830
TOF-Mult
BBC-S-East ADC Sum

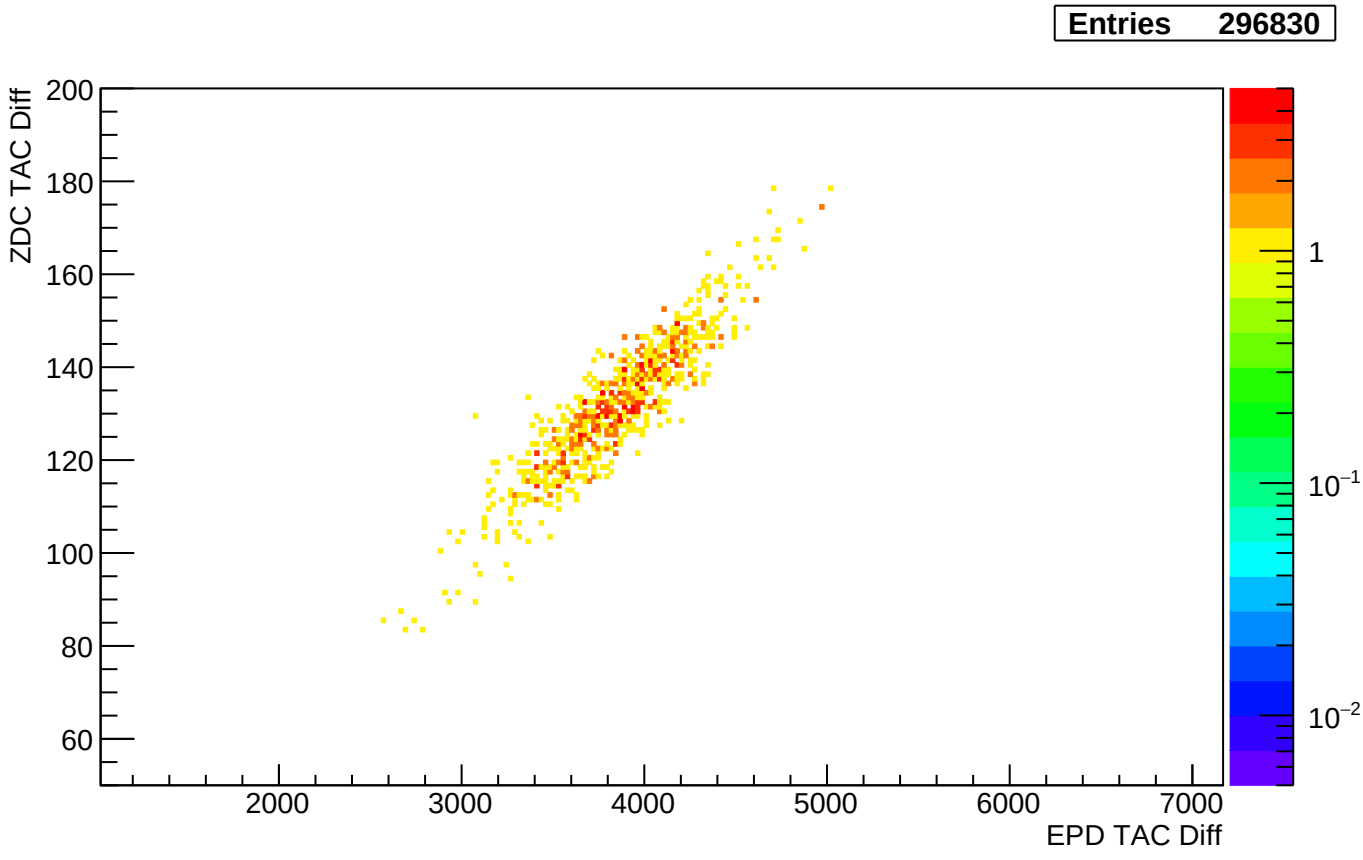

Entries 296830
TOF-Mult
BBC-S-West ADC Sum

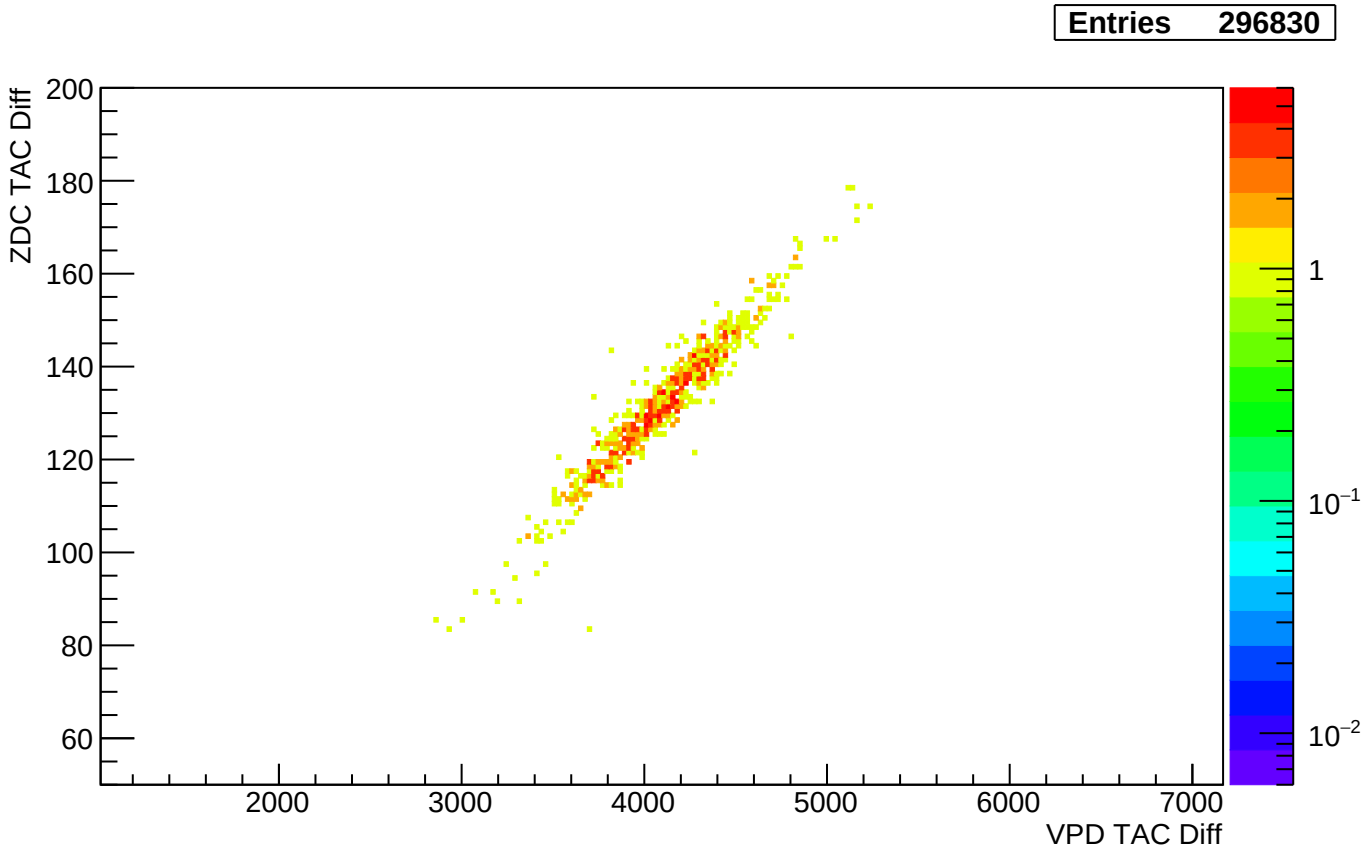

Entries 296830
TOF-Mult
EPD-East Hit Cnt

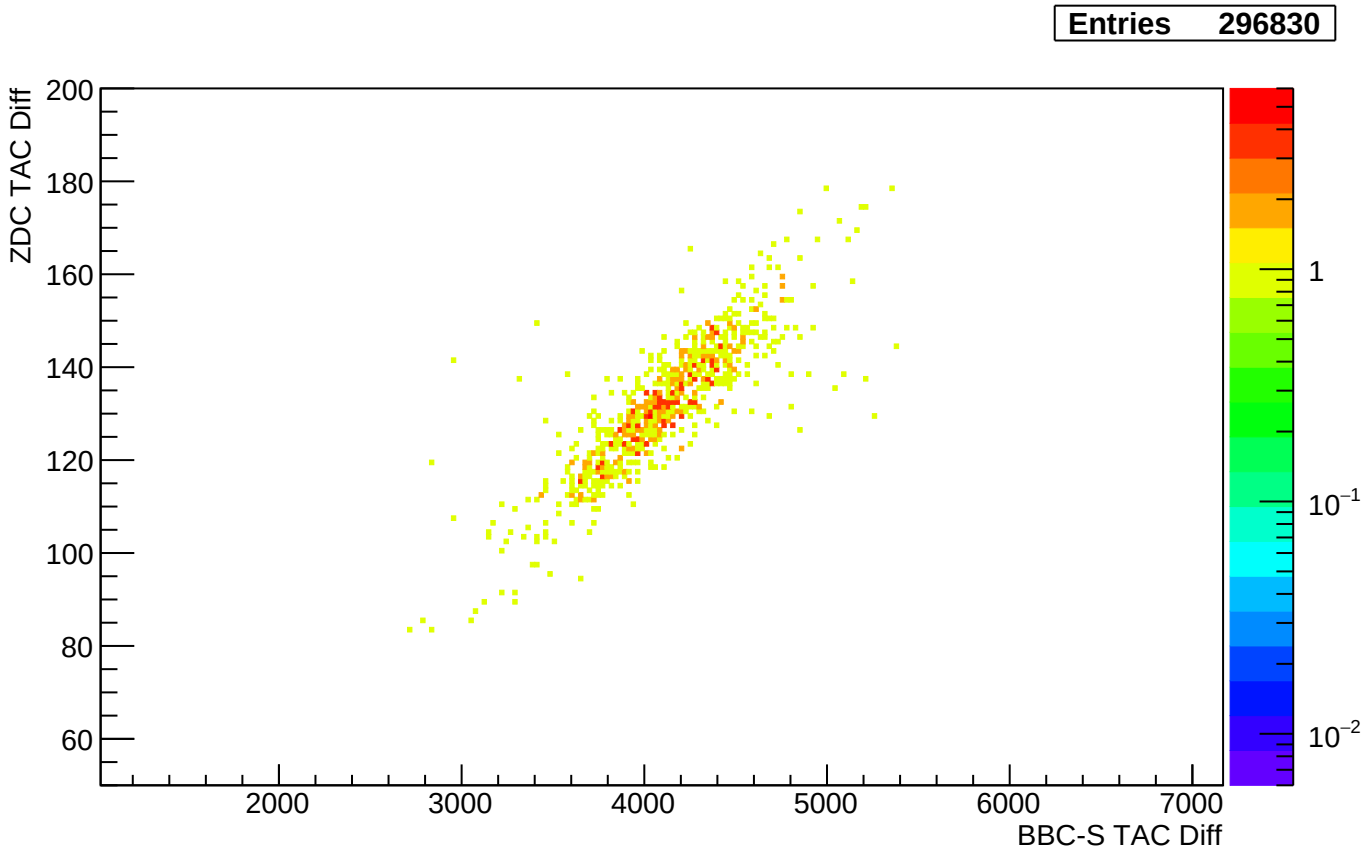

Entries 296830
TOF-Mult
EPD-West Hit Cnt

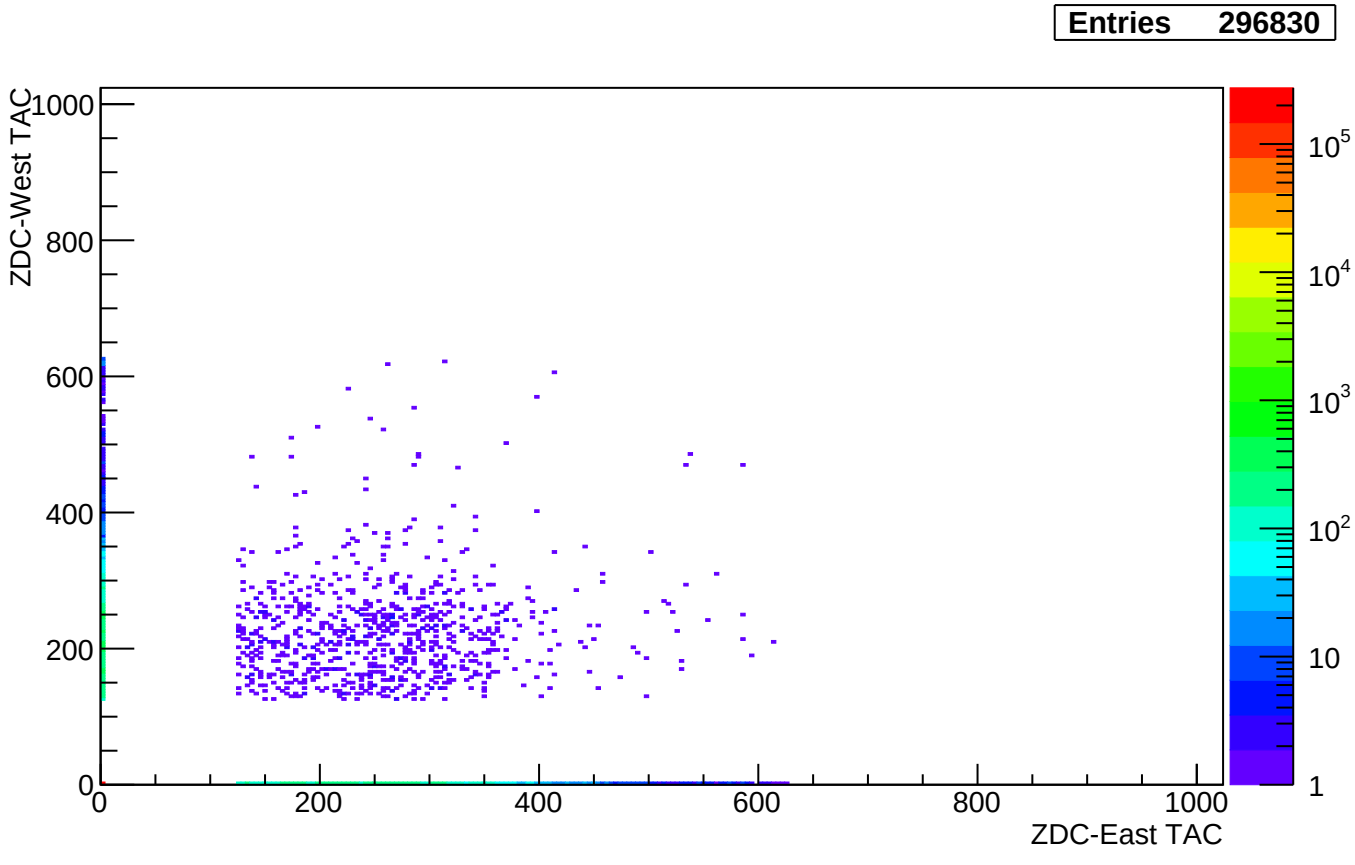

Entries 296830
TOF-Mult
VPD-East ADC Sum

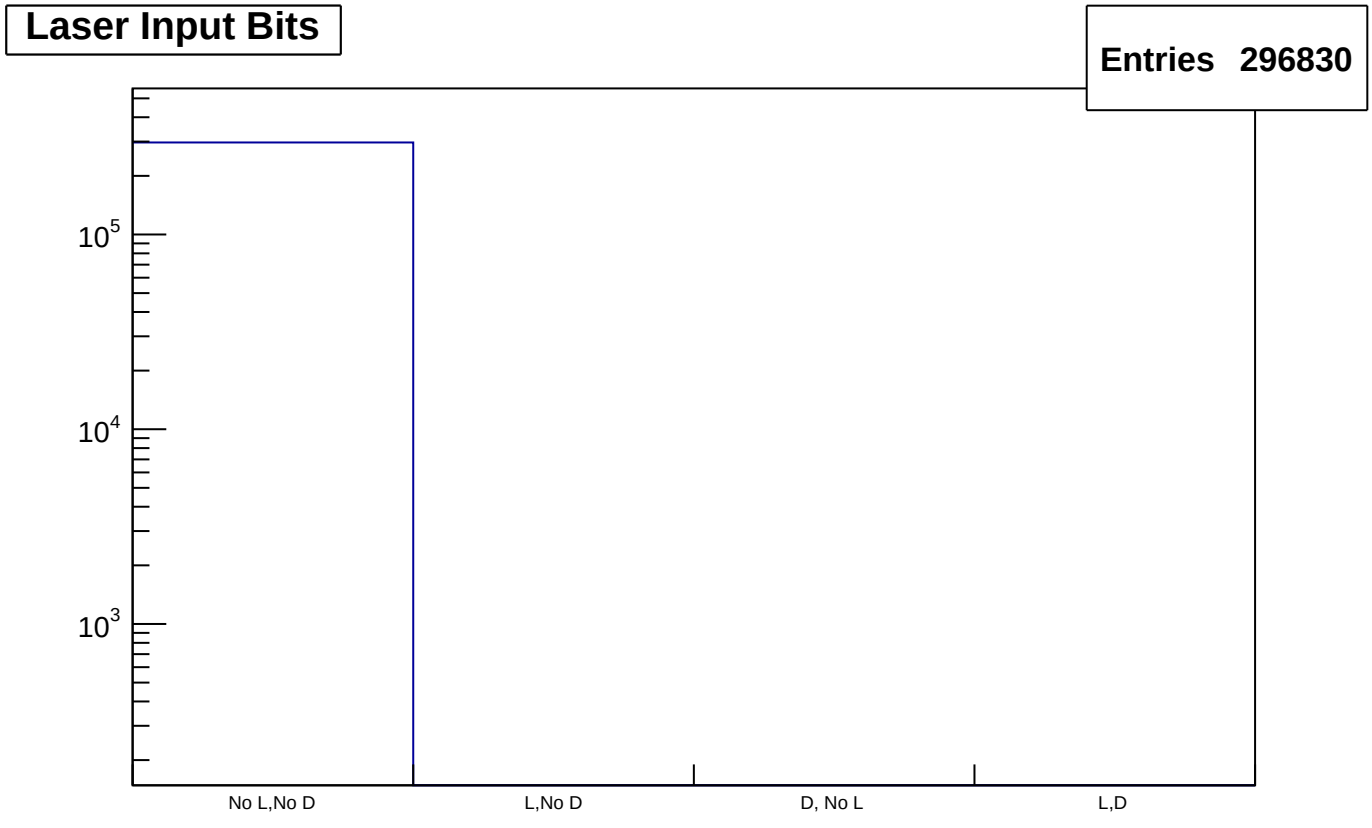

Entries 296830
TOF-Mult
VPD-West ADC Sum

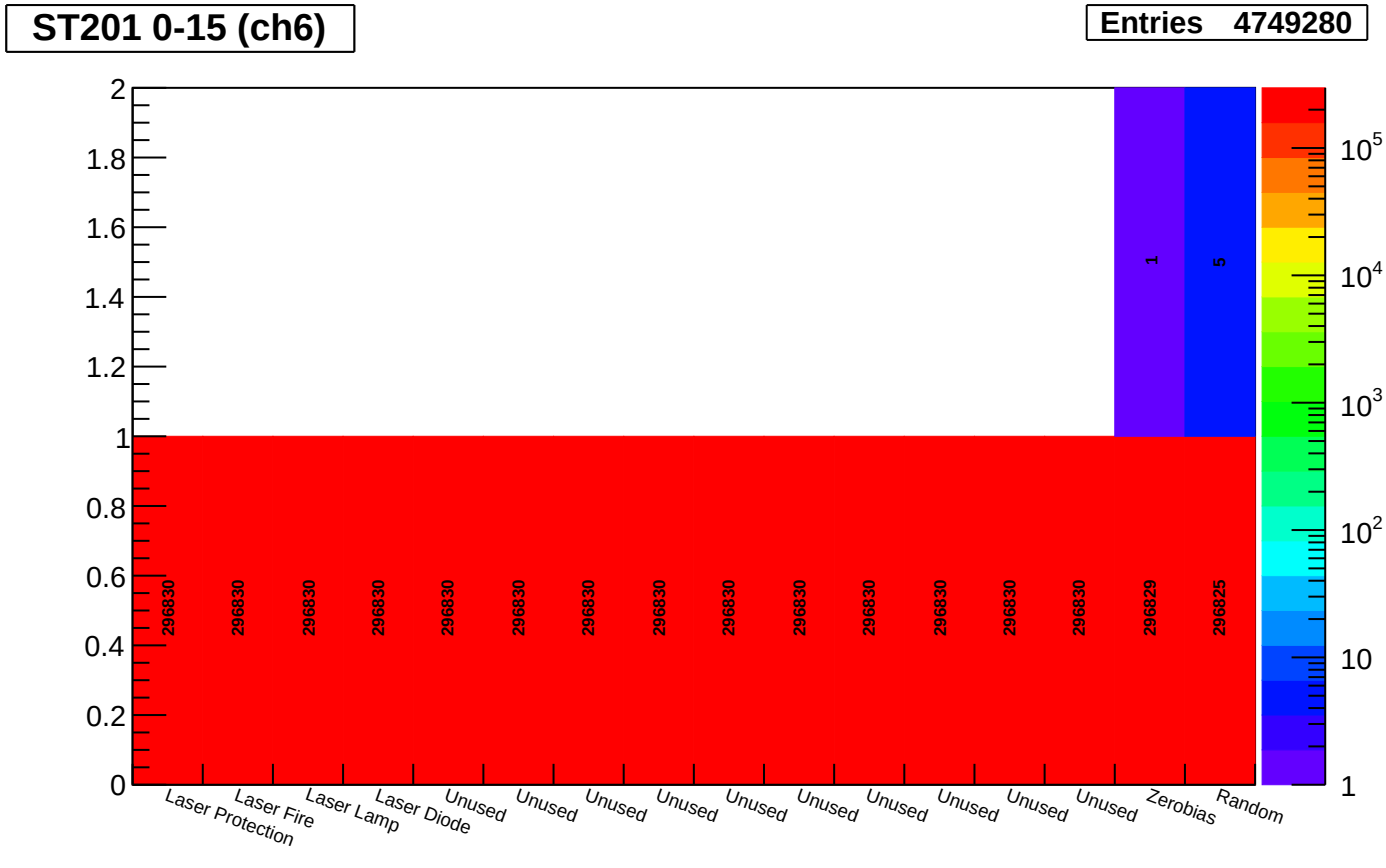

Entries 296830
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

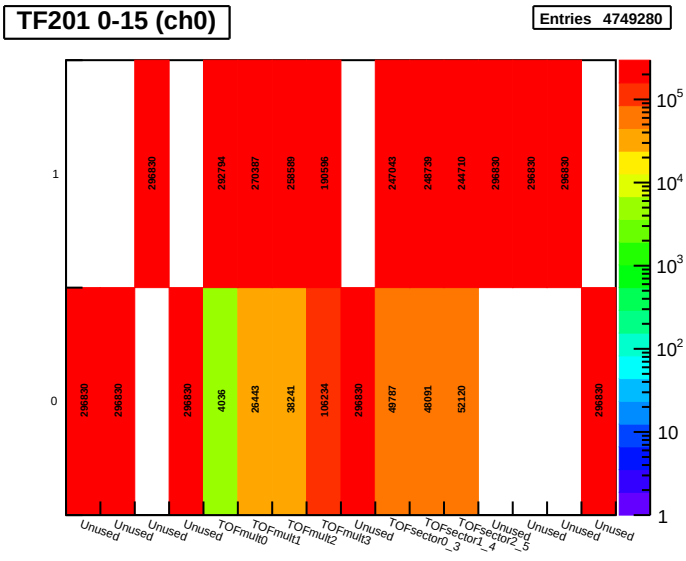

Entries 296830
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

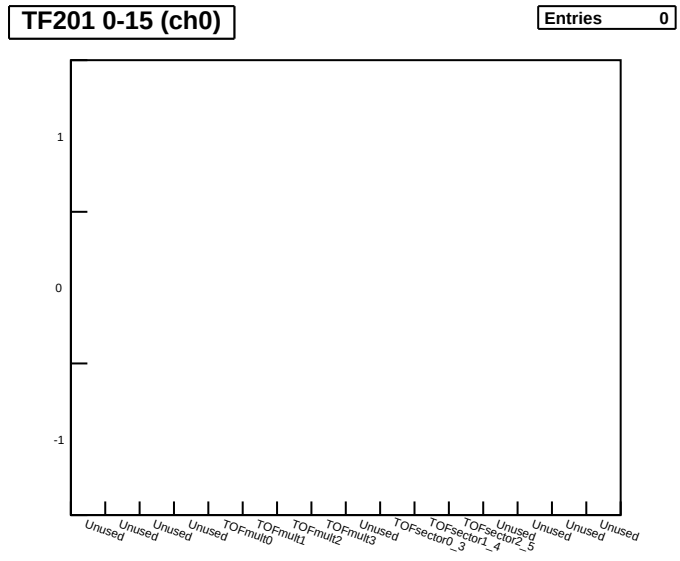

Entries 296830
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

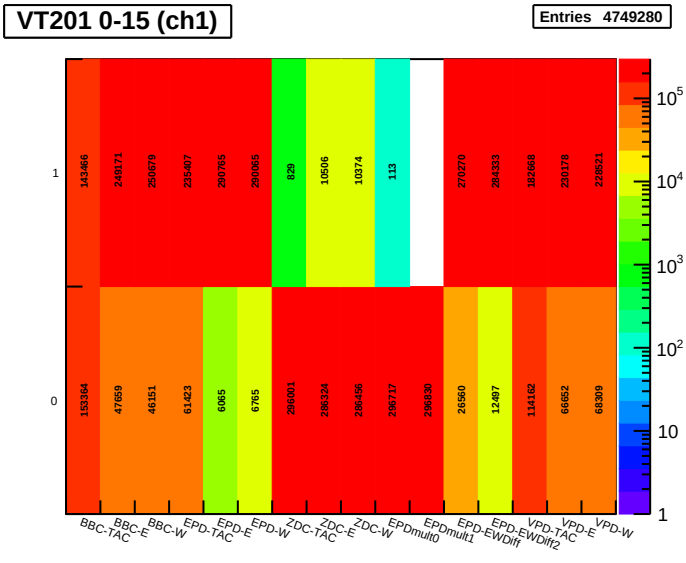

Entries 296830
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

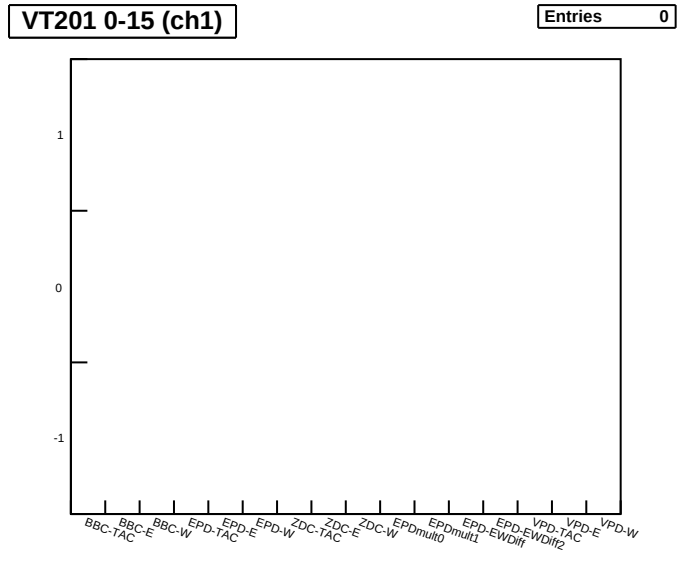

Laser Input Bits
Entries 296830
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

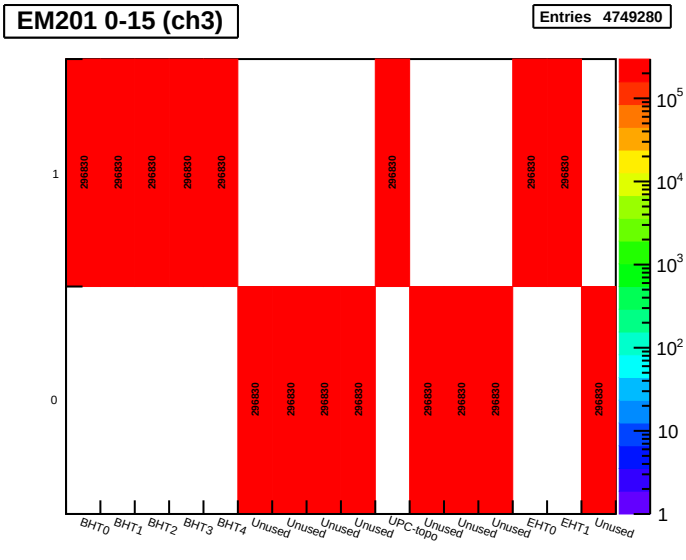

ST201 0-15 (ch6)
Entries 4749280
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
296830
296830
296830
296830
296830
296830
296830
296830
296830
296830
296830
296830
296830
296830
296829
296825
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

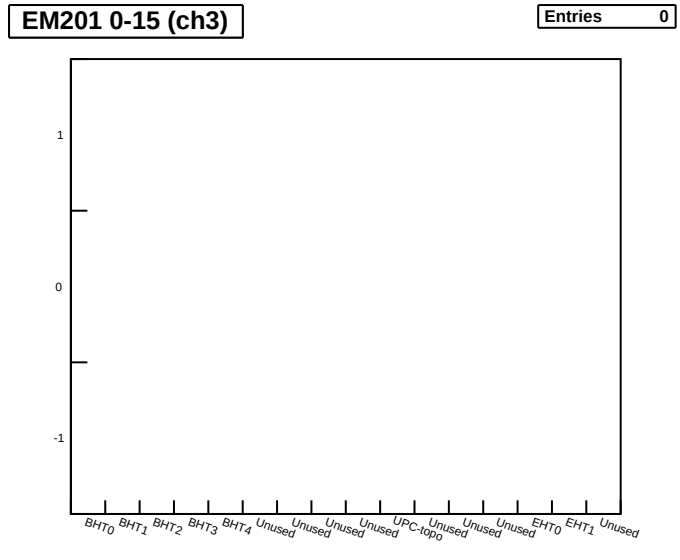

TF201 0-15 (ch0)
Entries 4749280
1
0
296830 296830 296830 296830 292794 270387 298589 190596 247043 248739 244710 296830 296830 296830
296830 296830 296830 4036 26443 38241 106234 296830 49787 49091 52120 296830
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4749280
1
0
143466 249171 250679 235407 290765 290065 829 10506 10374 113 270270 284333 182668 230178 228521
153364 47659 46151 61423 6065 6765 296001 288324 288456 296717 296830 26560 12497 114162 66652 68309
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 4749280
1
0
296830 296830 296830 296830 296830 296830 296830 296830 296830
296830 296830 296830 296830 296830 296830 296830 296830
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