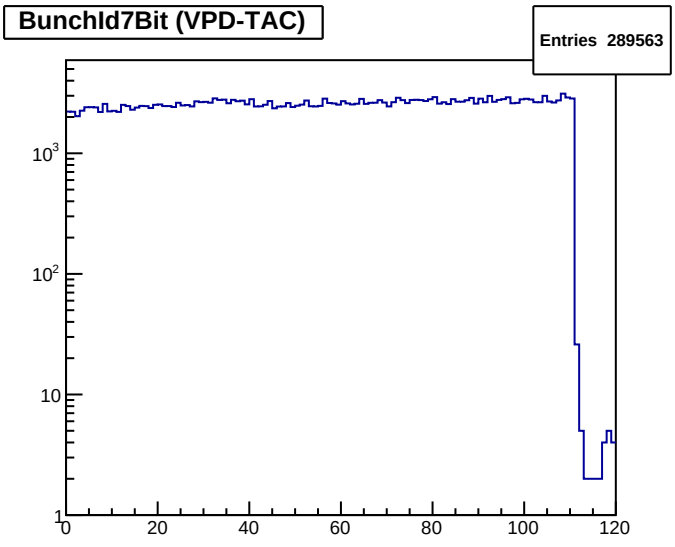
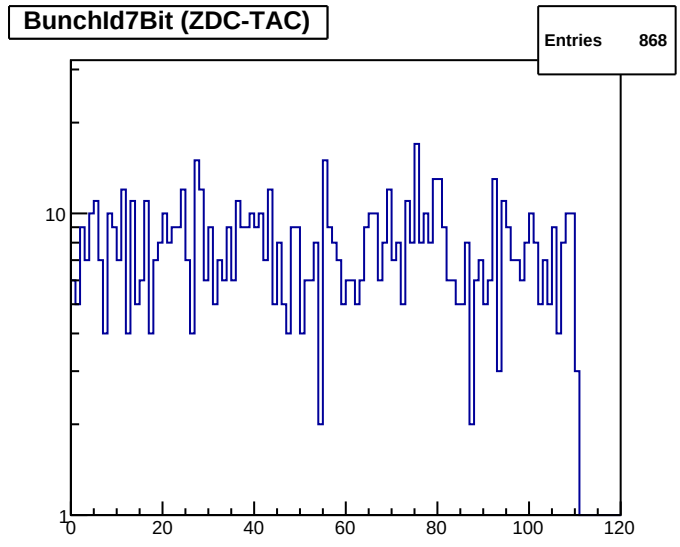
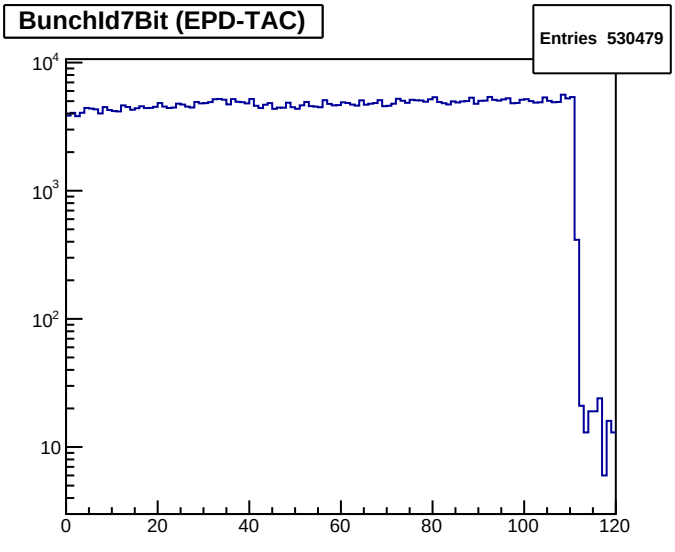
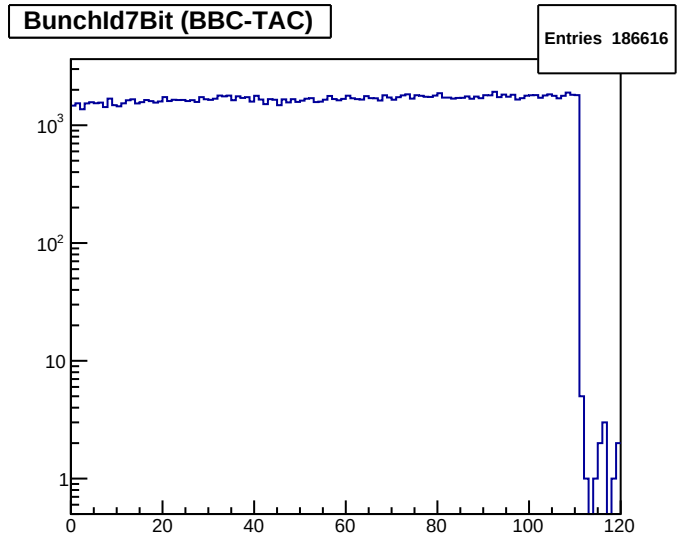
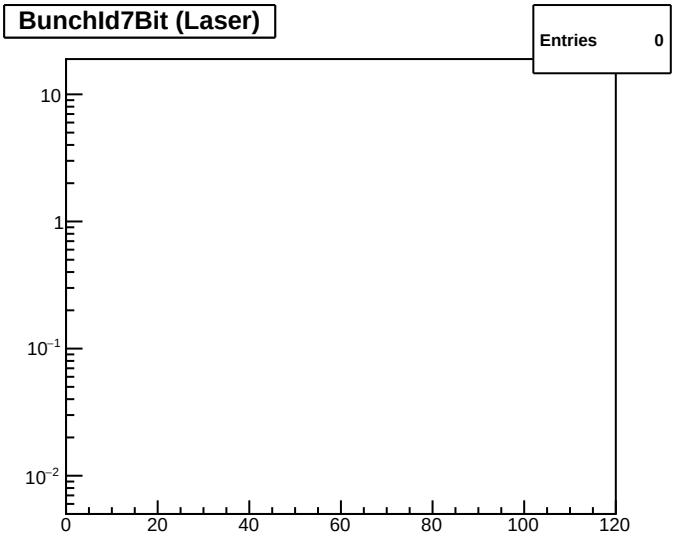
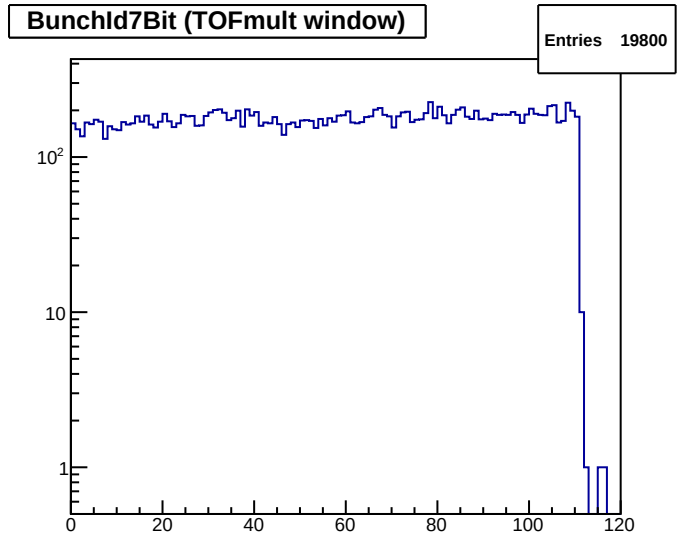

BunchId7Bit (VPD-TAC)
Entries 289563

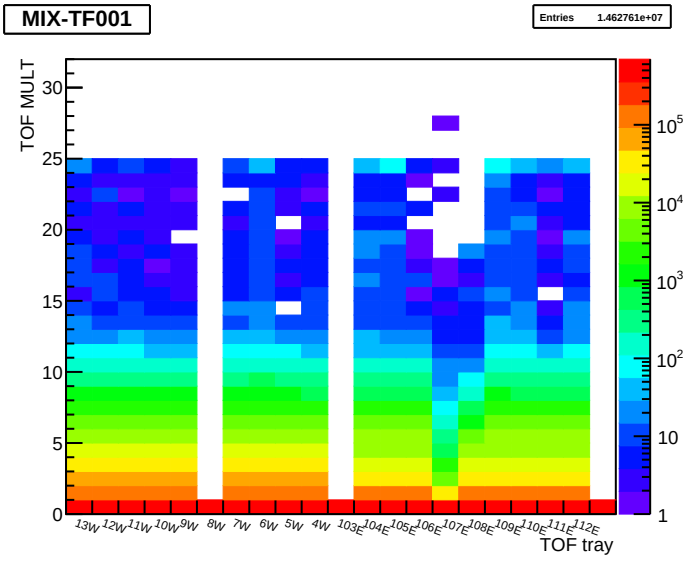

BunchId7Bit (ZDC-TAC)
Entries 868

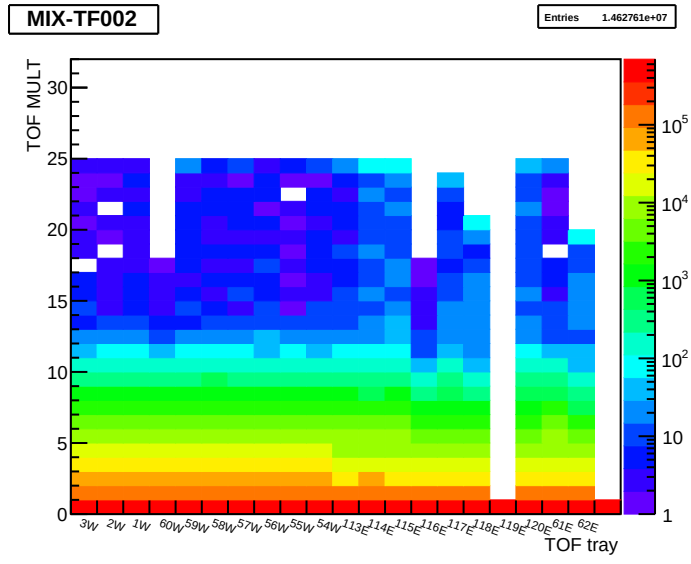

BunchId7Bit (EPD-TAC)
Entries 530479

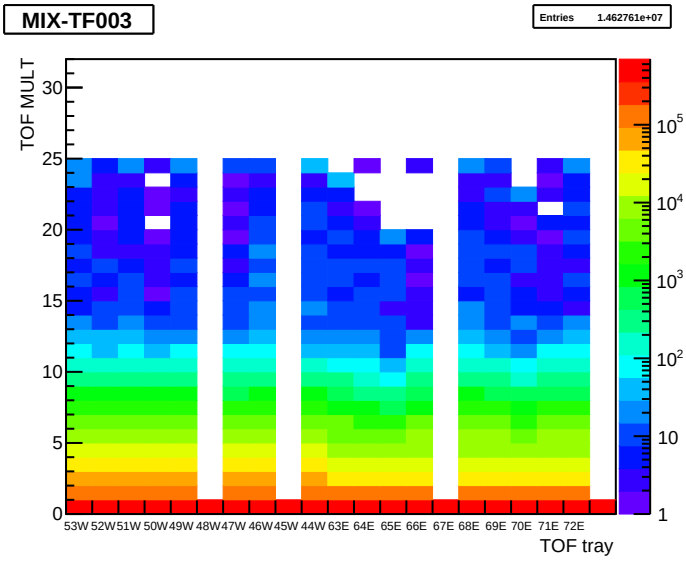

BunchId7Bit (BBC-TAC)
Entries 186616

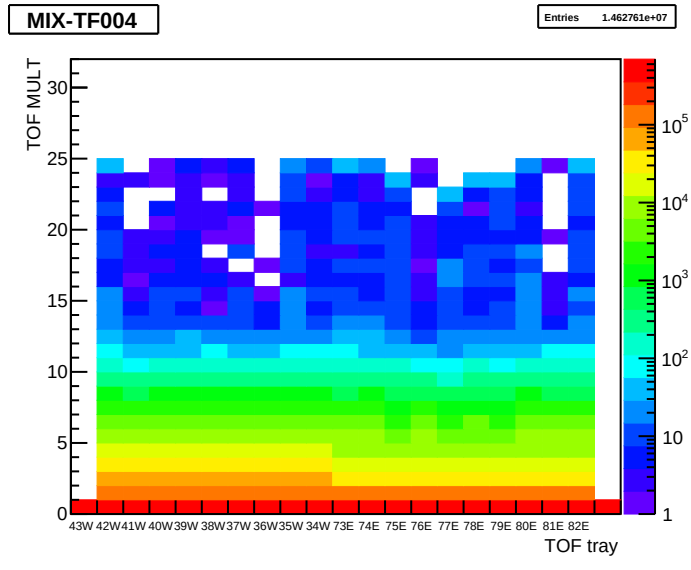

BunchId7Bit (Laser)
Entries 0

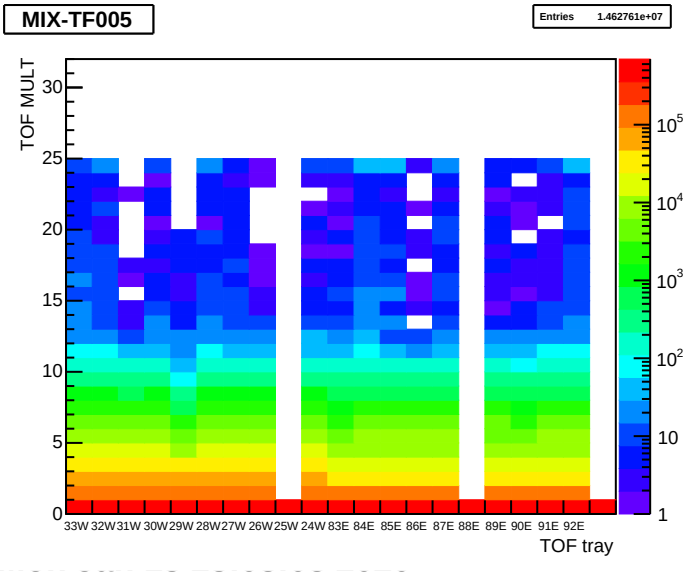

BunchId7Bit (TOFmult window)
Entries 19800

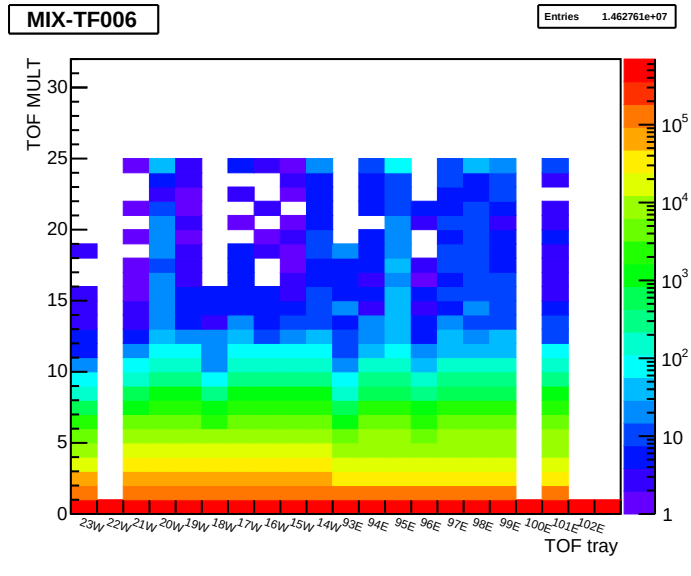

MIX-TF001
Entries 1.462761e+07
TOF MULT
TOF tray

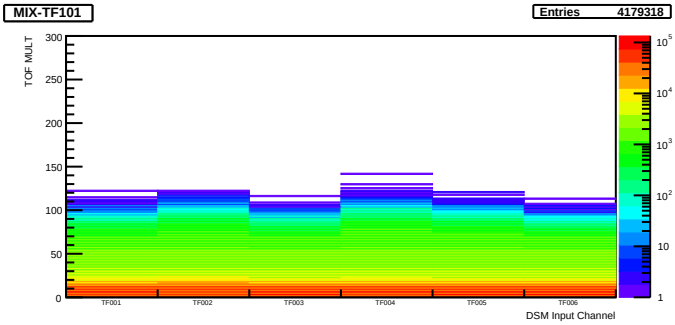

MIX-TF002
Entries 1.462761e+07
TOF MULT
TOF tray

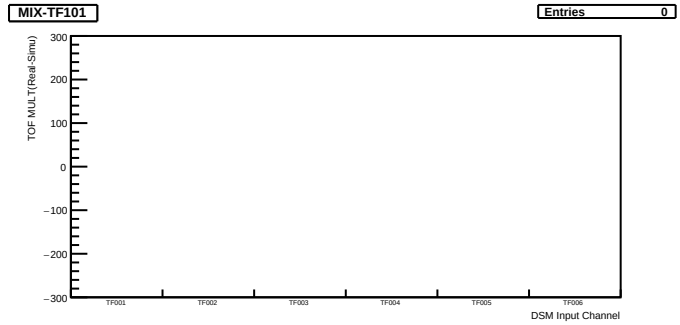

MIX-TF003
Entries 1.462761e+07
TOF MULT
TOF tray

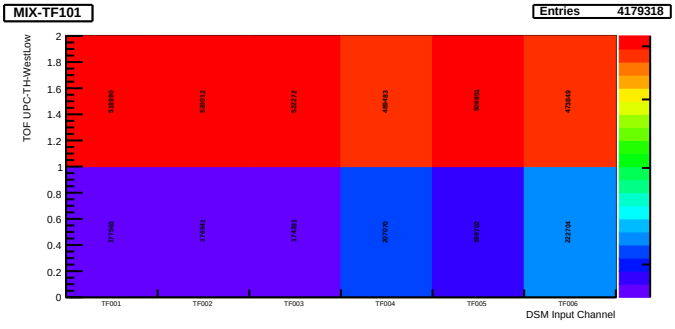

MIX-TF004
Entries 1.462761e+07
TOF MULT
TOF tray

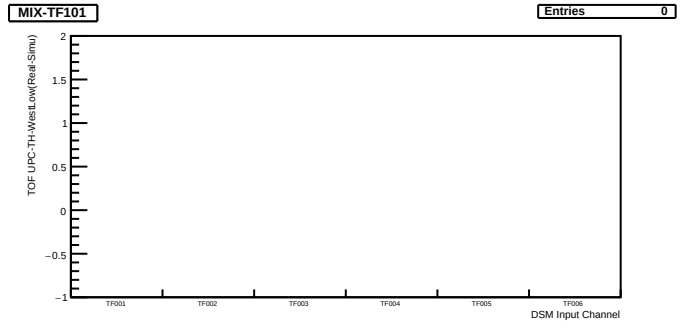

MIX-TF005
Entries 1.462761e+07
TOF MULT
TOF tray

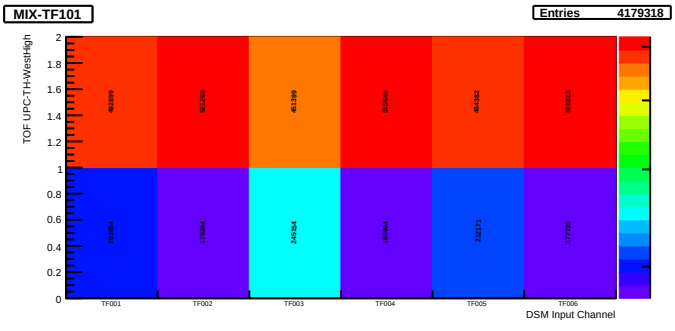

MIX-TF006
Entries 1.462761e+07
TOF MULT
TOF tray

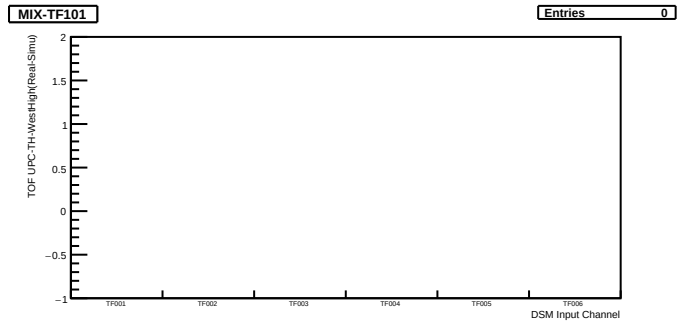

MIX-TF101
Entries 4179318
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

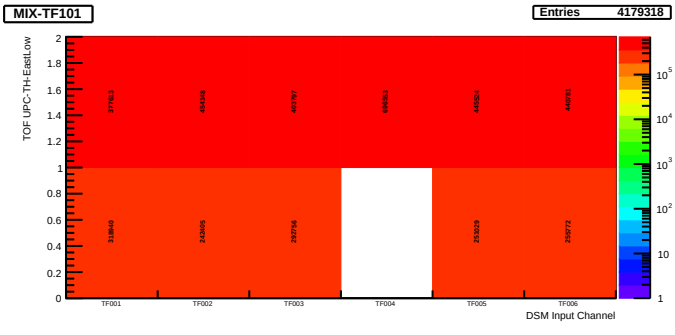

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

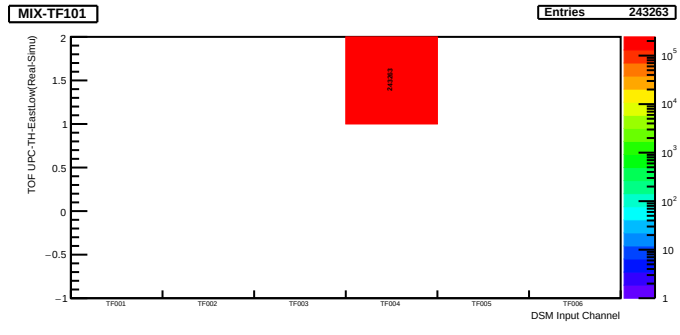

MIX-TF101
Entries 4179318
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

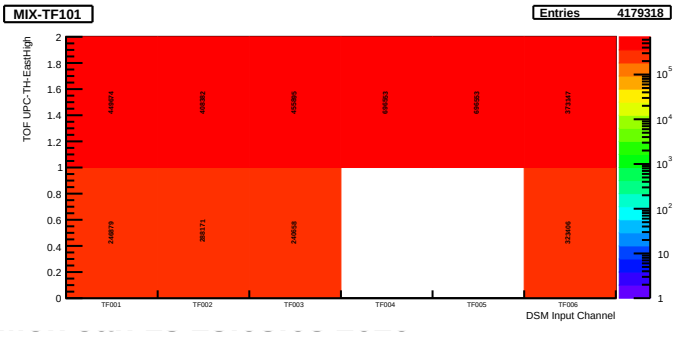

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

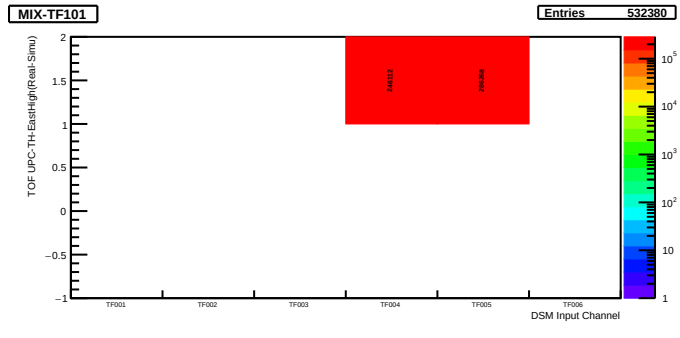

MIX-TF101
Entries 4179318
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

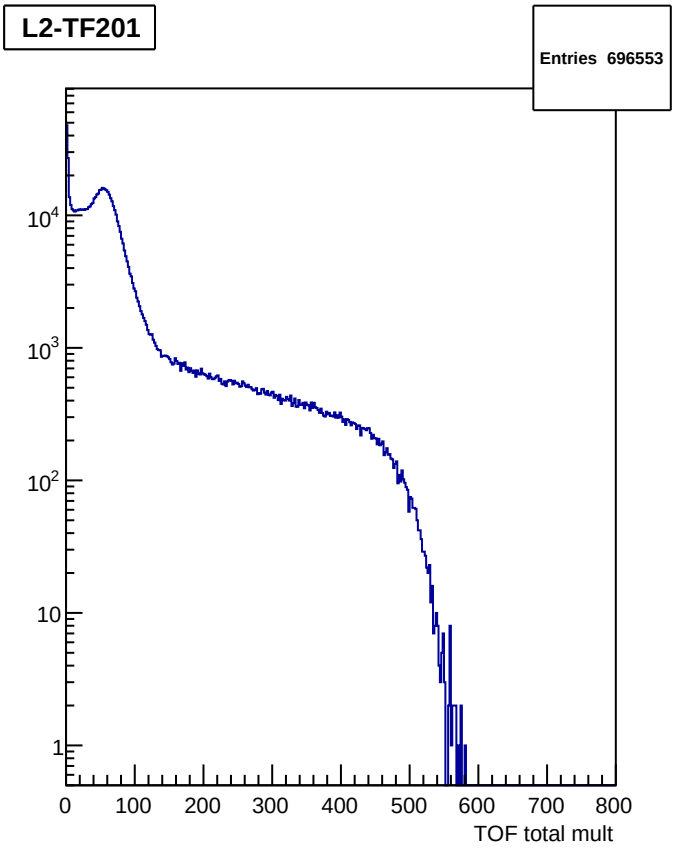

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

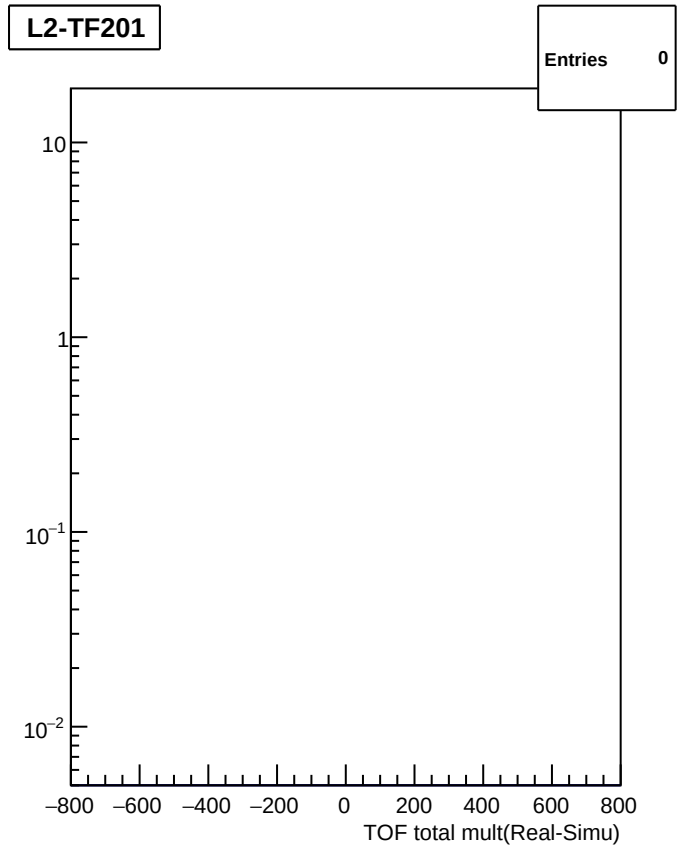

MIX-TF101
Entries 4179318
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

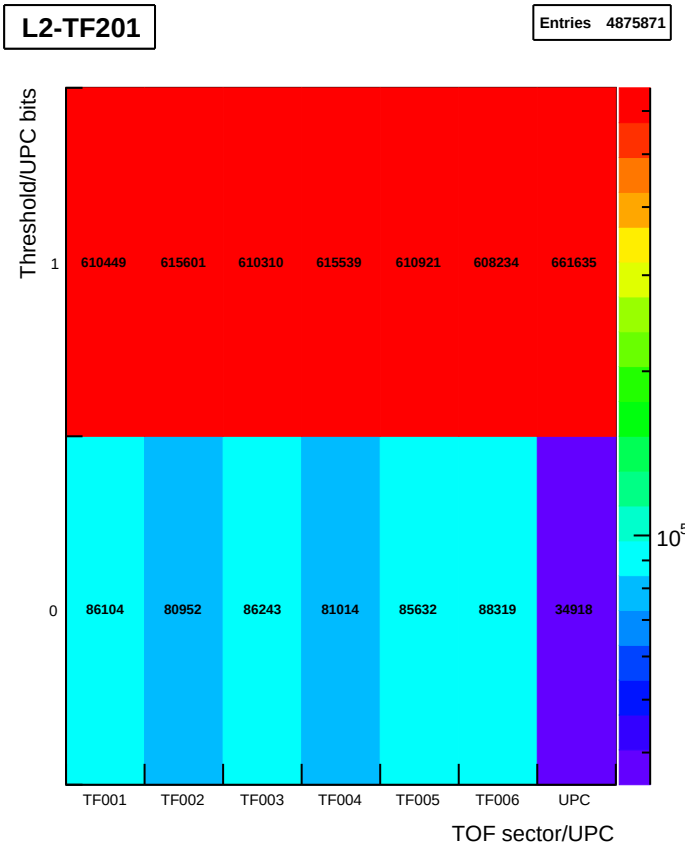

MIX-TF101
Entries 243263
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

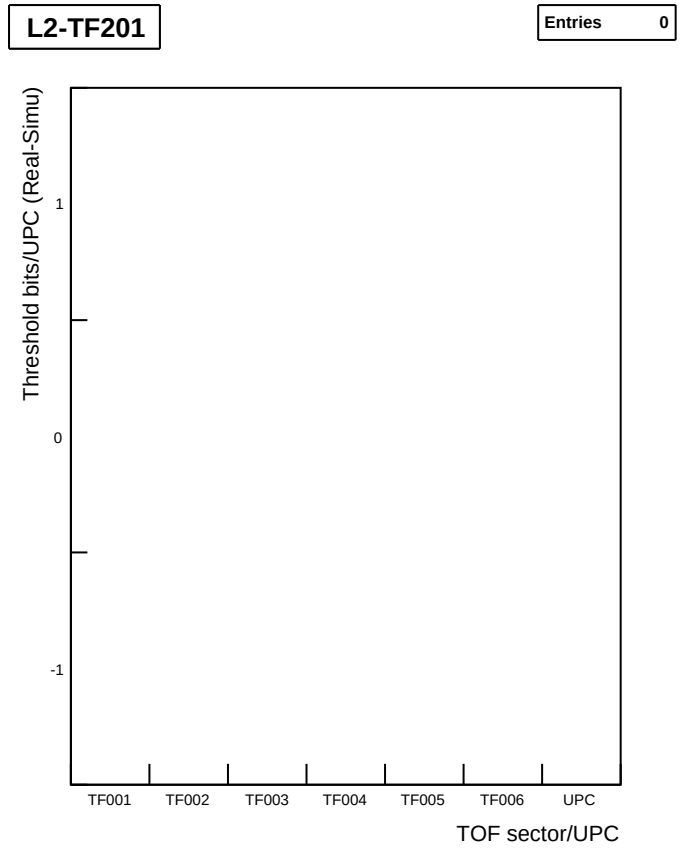

MIX-TF101
Entries 4179318
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

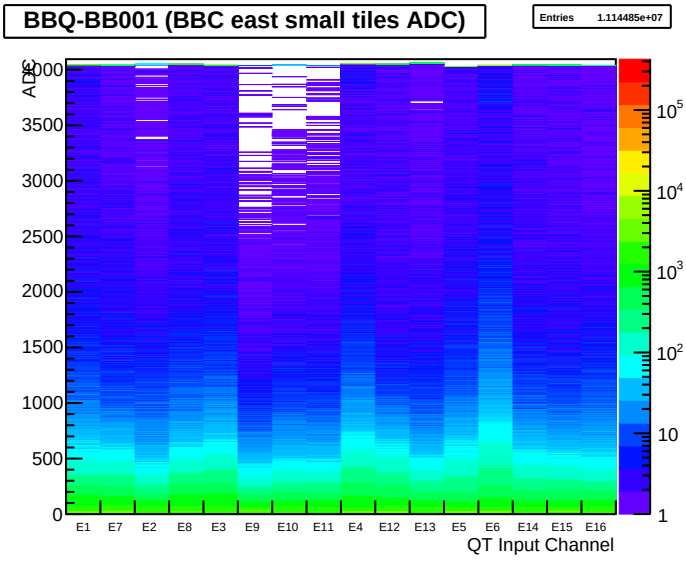

MIX-TF101
Entries 532380
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

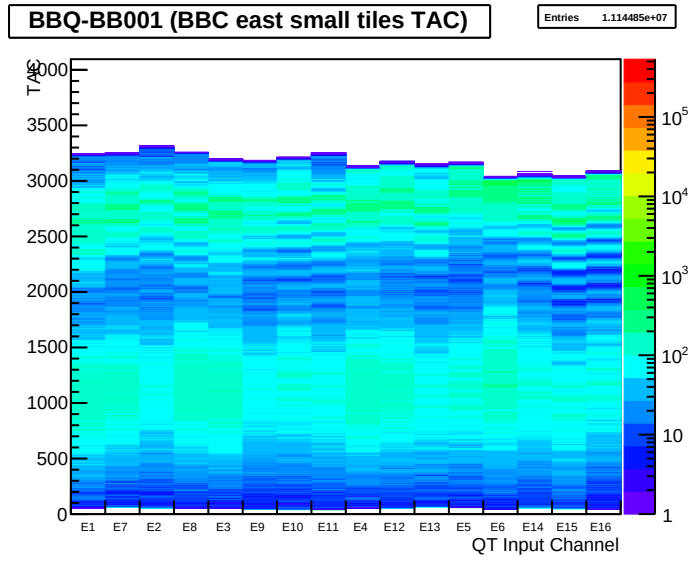

L2-TF201
Entries 696553
TOF total mult

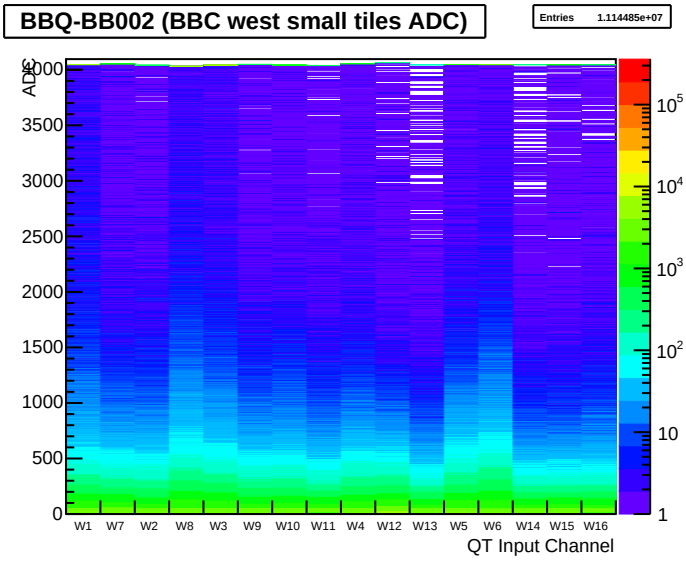

L2-TF201
Entries 0
TOF total mult(Real-Simu)

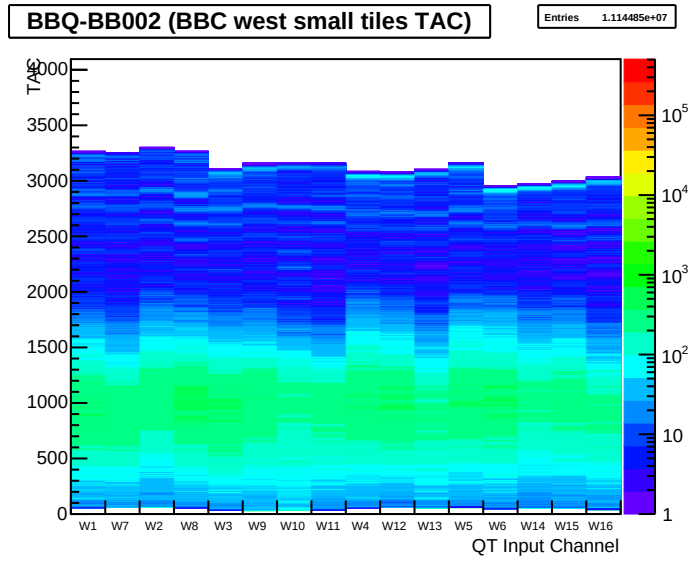

L2-TF201
Entries 4875871
Threshold/UPC bits
610449
615601
610310
615539
610921
608234
661635
86104
80952
86243
81014
85632
88319
34918
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

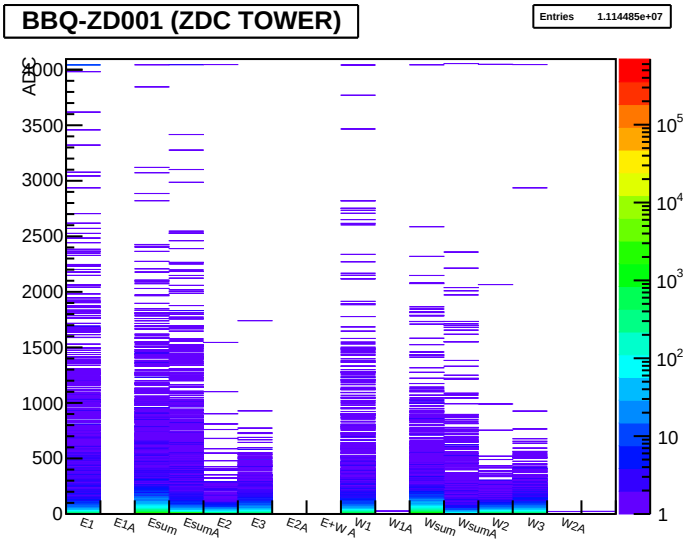

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

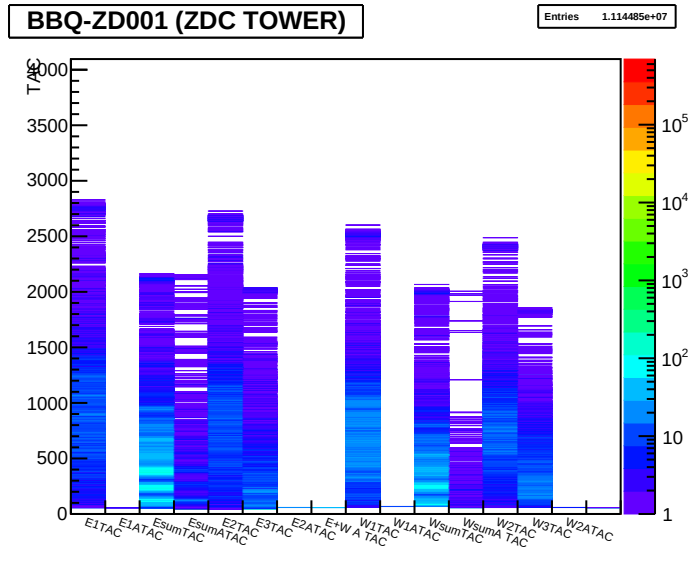

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.114485e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

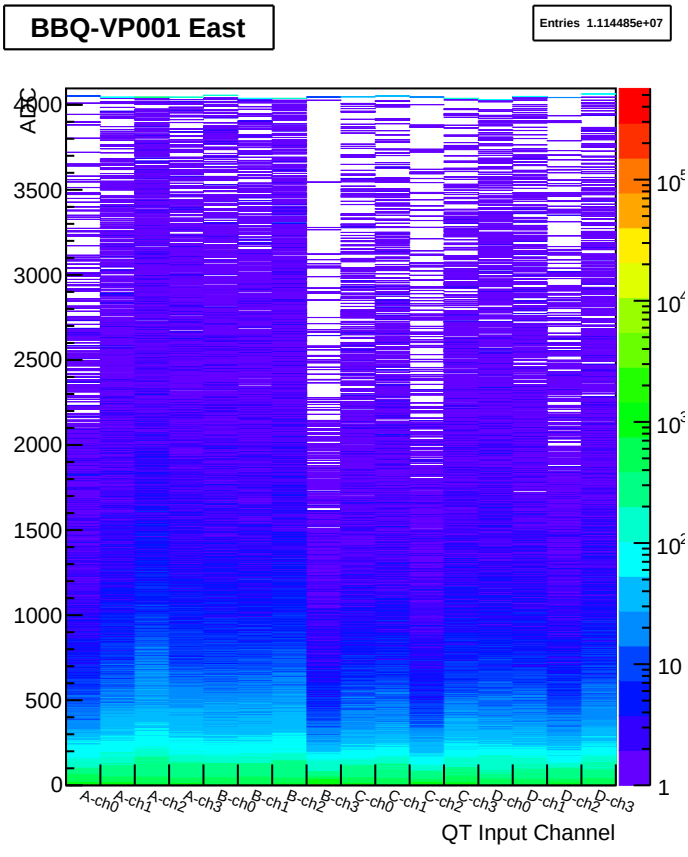

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.114485e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

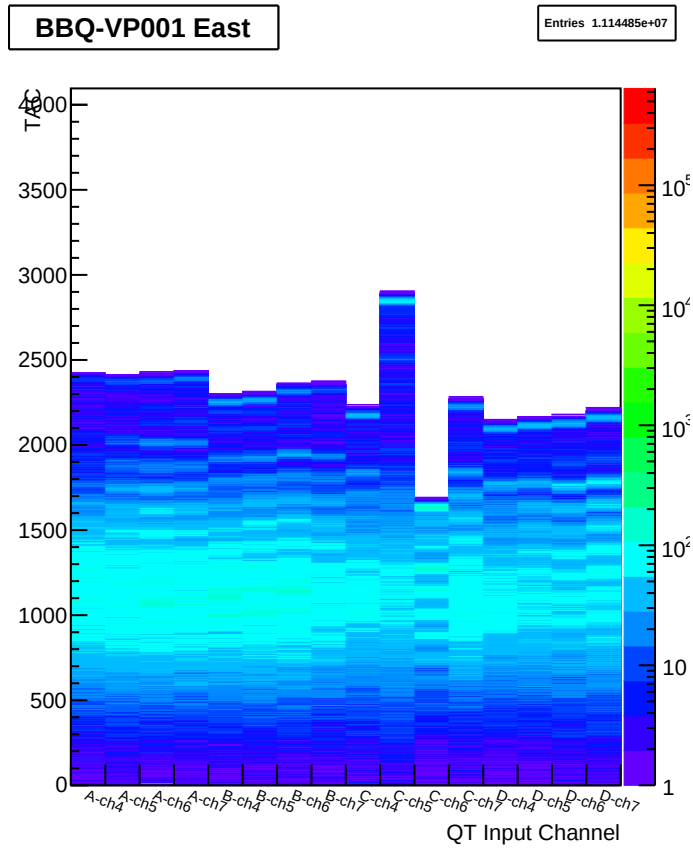

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.114485e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

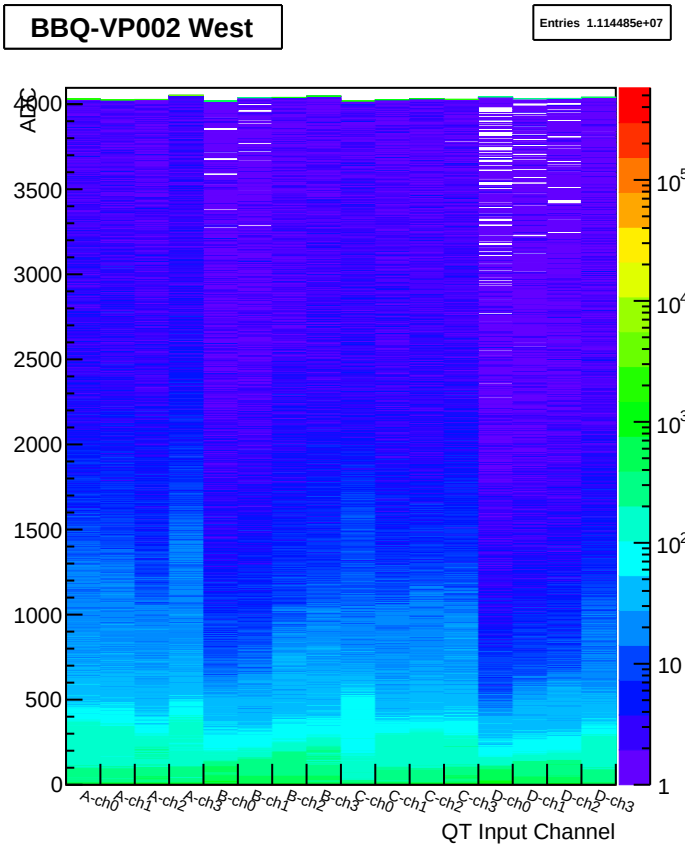

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.114485e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

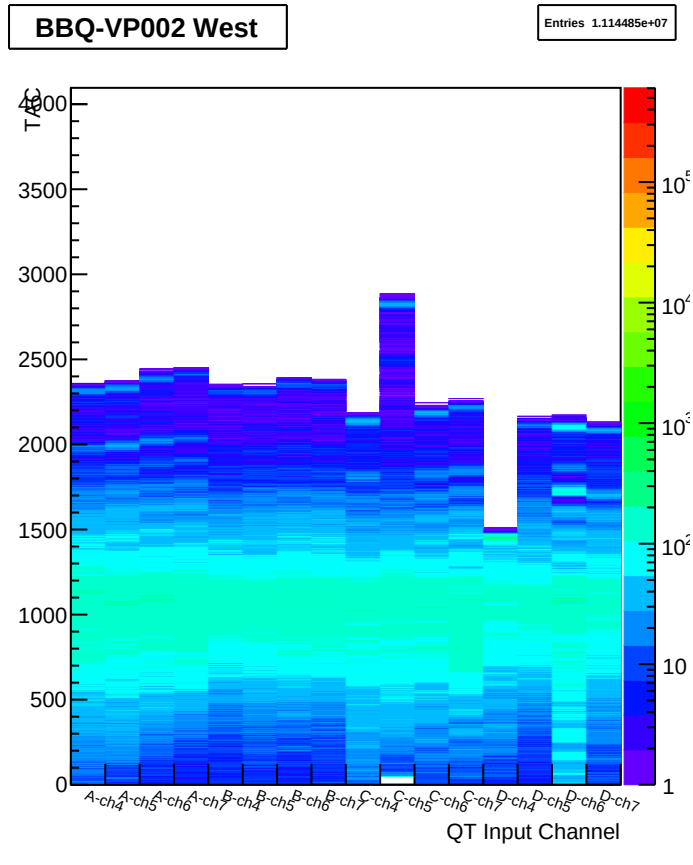

BBQ-ZD001 (ZDC TOWER)
Entries 1.114485e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

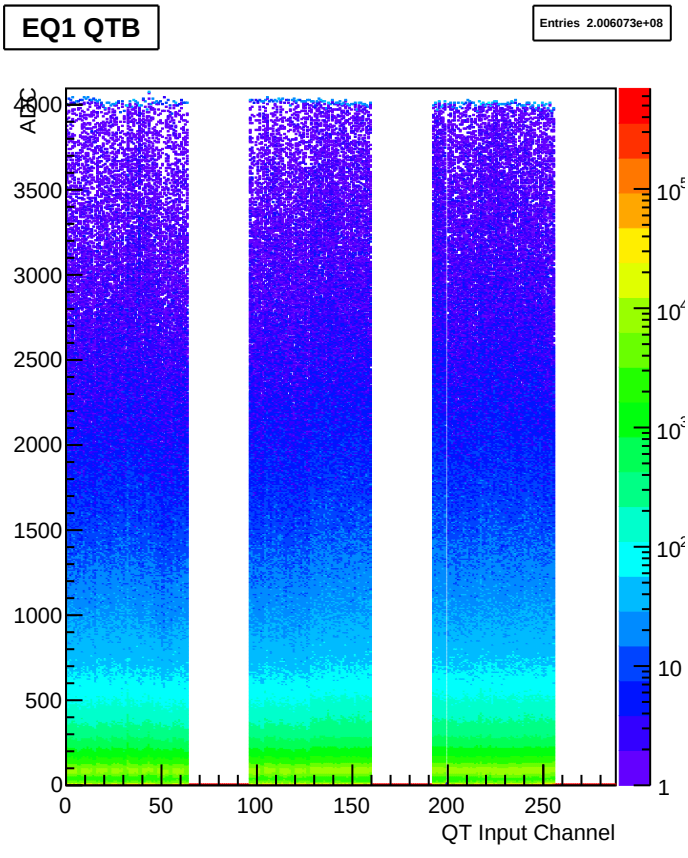

BBQ-ZD001 (ZDC TOWER)
Entries 1.114485e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

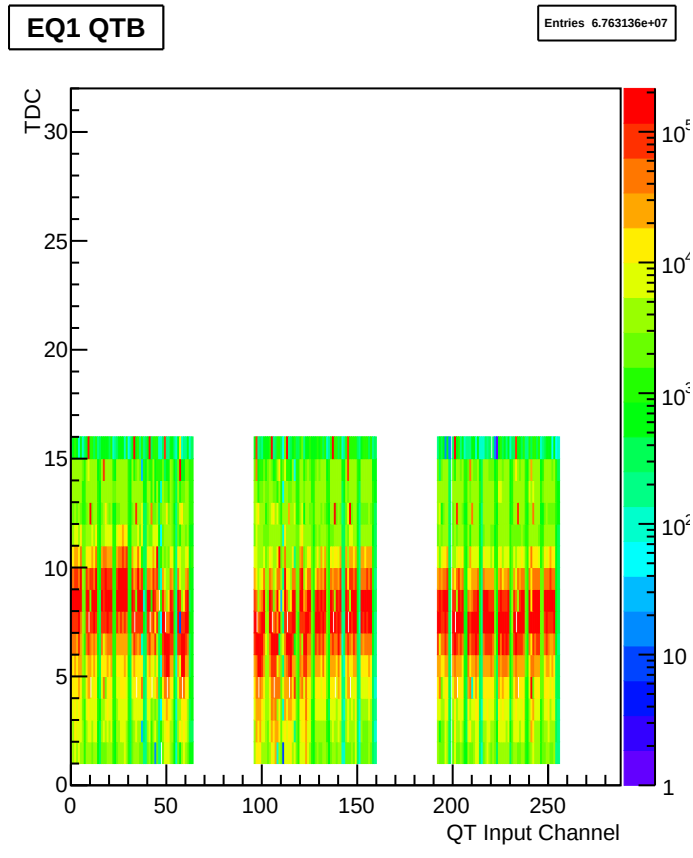

BBQ-VP001 East
Entries 1.114485e+07
ADC
QT Input Channel

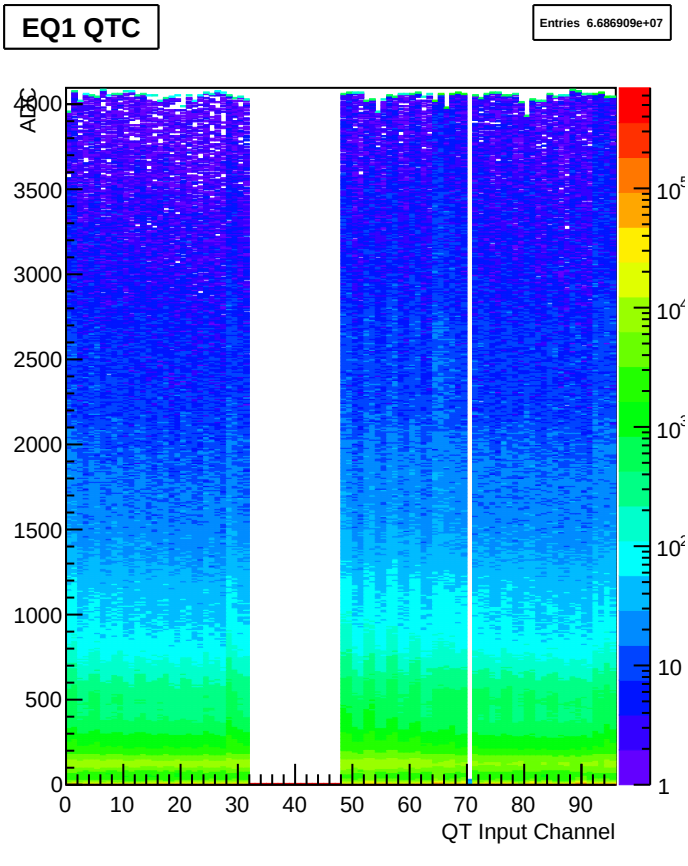

BBQ-VP001 East
Entries 1.114485e+07
ADC
QT Input Channel

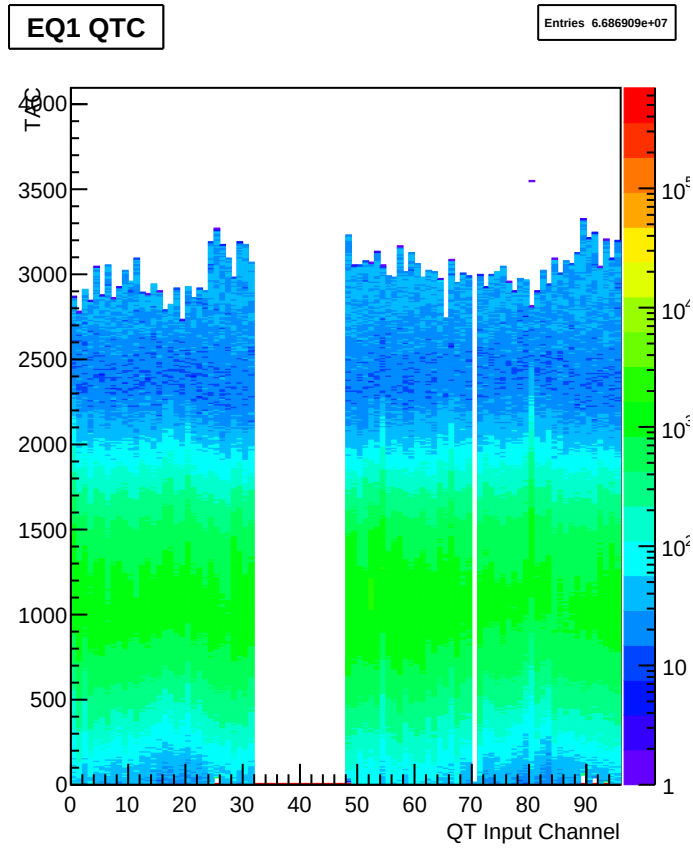

BBQ-VP002 West
Entries 1.114485e+07
ADC
QT Input Channel

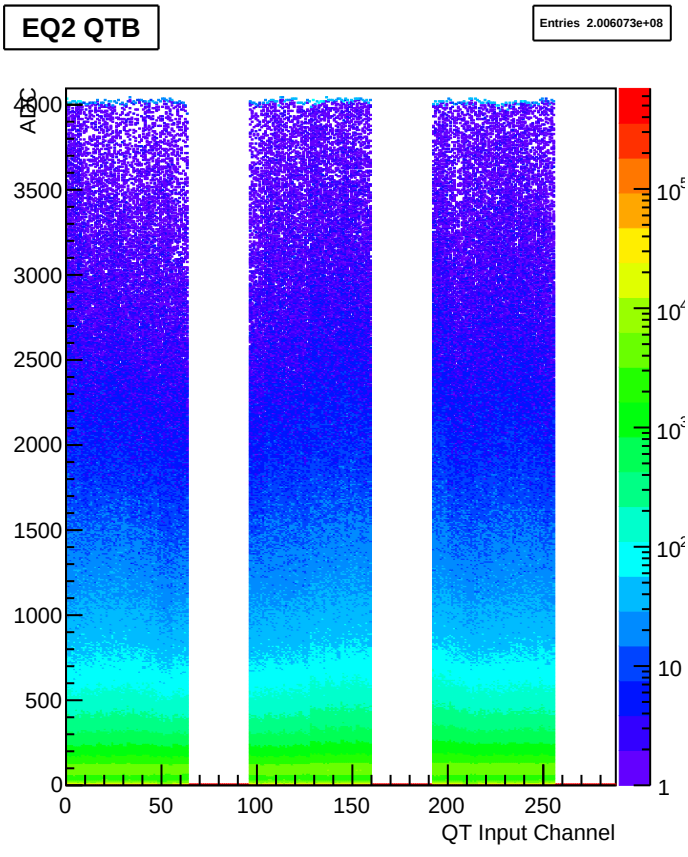

BBQ-VP002 West
Entries 1.114485e+07
ADC
QT Input Channel

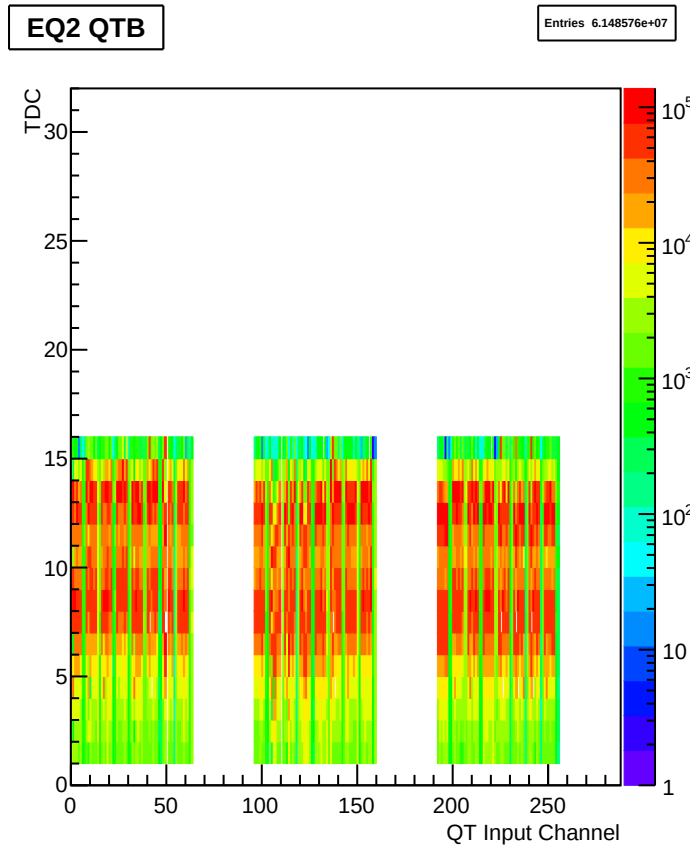

EQ1 QTB
Entries 2.006073e+08
ADC
QT Input Channel

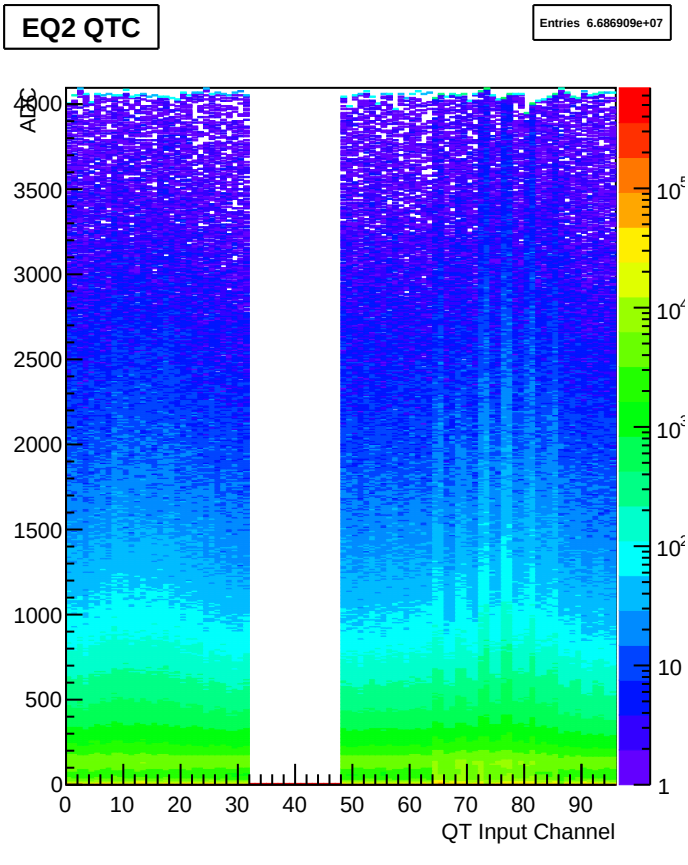

EQ1 QTB
Entries 6.763136e+07
TDC
QT Input Channel

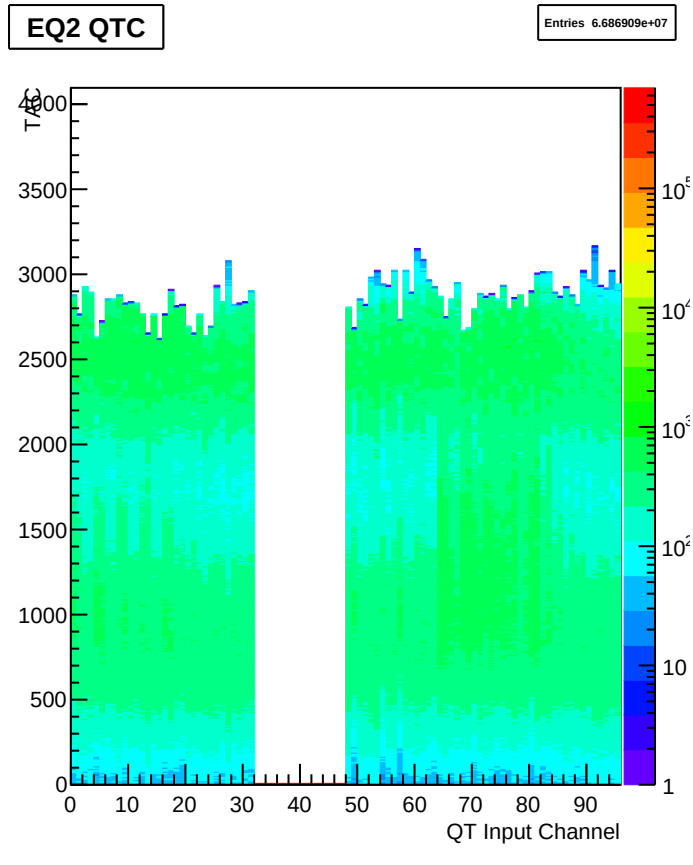

EQ1 QTC
Entries 6.686909e+07
ADC
QT Input Channel

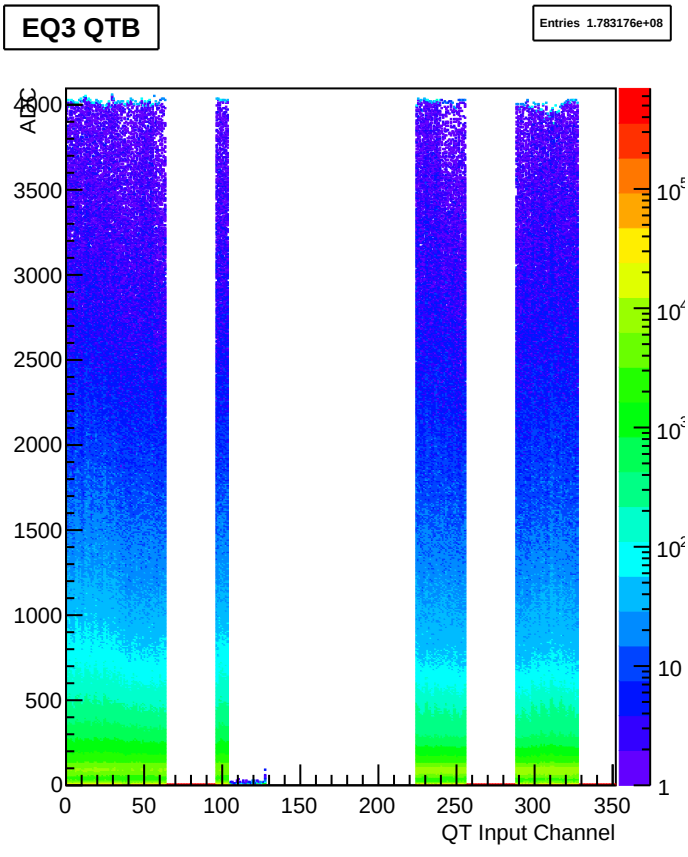

EQ1 QTC
Entries 6.686909e+07
TADC
QT Input Channel

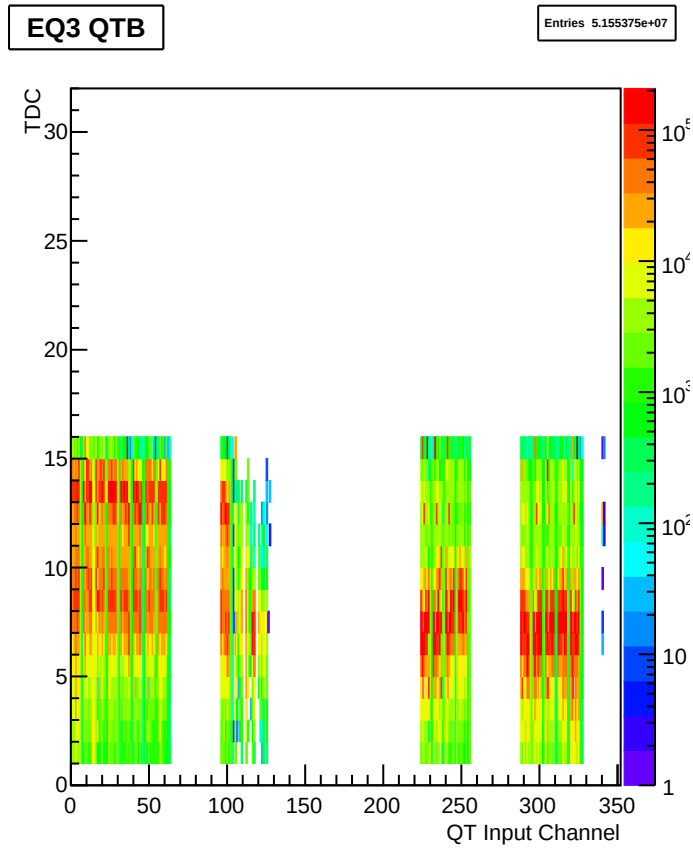

EQ2 QTB
Entries 2.006073e+08
ADC
QT Input Channel

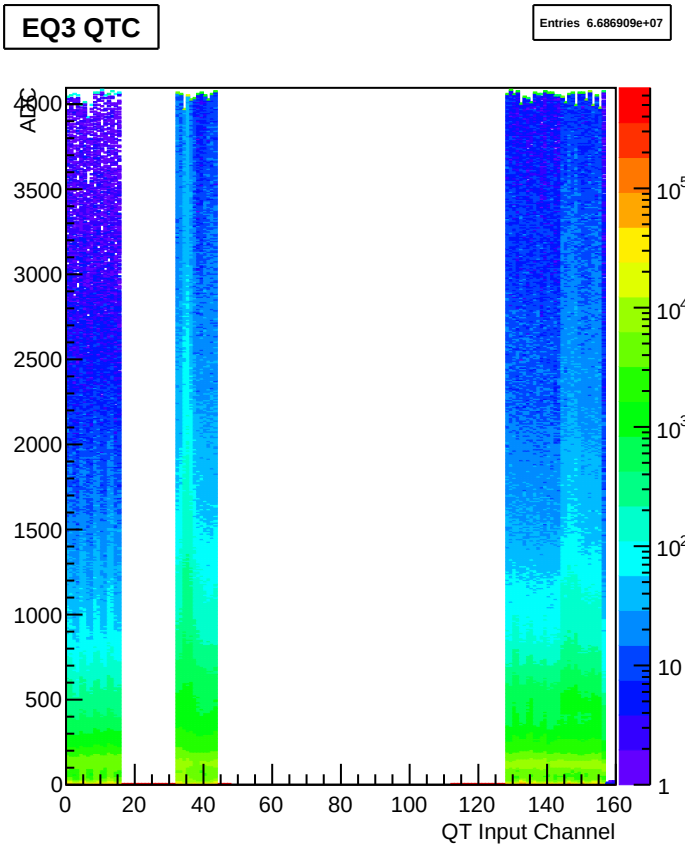

EQ2 QTB
Entries 6.148576e+07
TDC
QT Input Channel

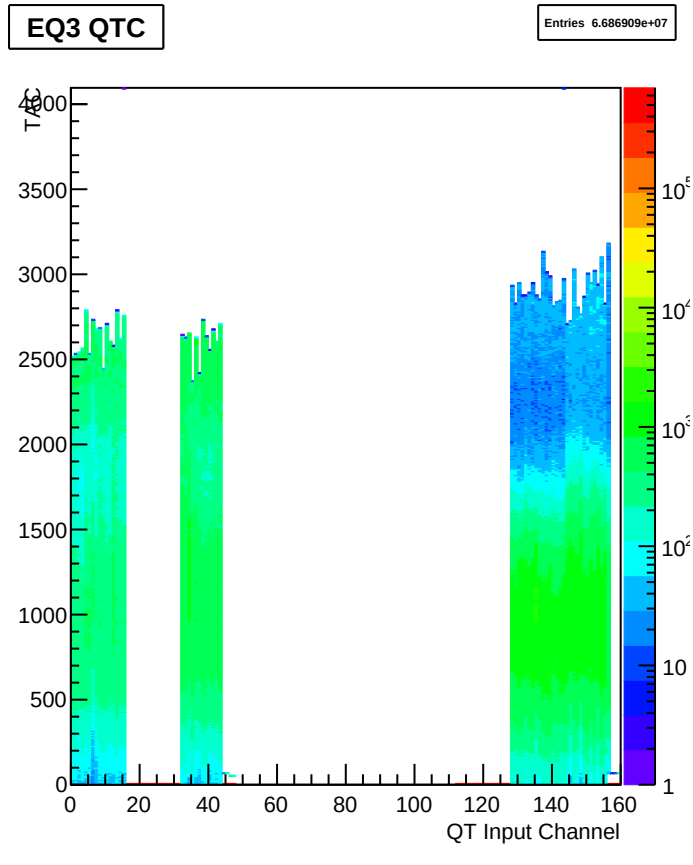

EQ2 QTC
Entries 6.686909e+07
ADC
QT Input Channel

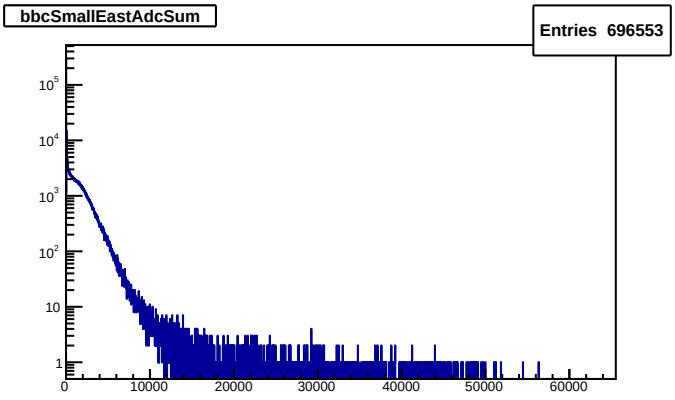

EQ2 QTC
Entries 6.686909e+07
TADC
QT Input Channel

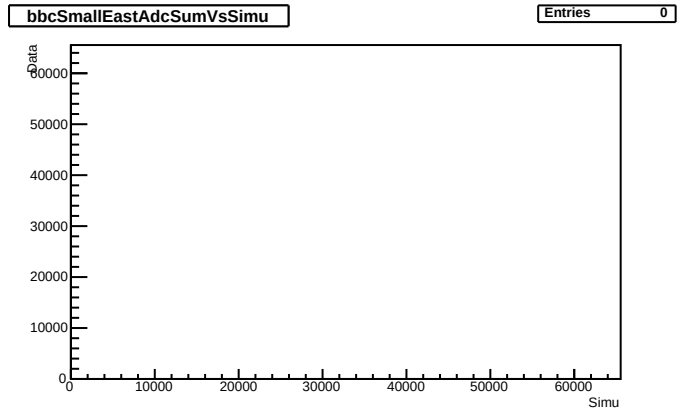

EQ3 QTB
Entries 1.783176e+08
ADC
QT Input Channel

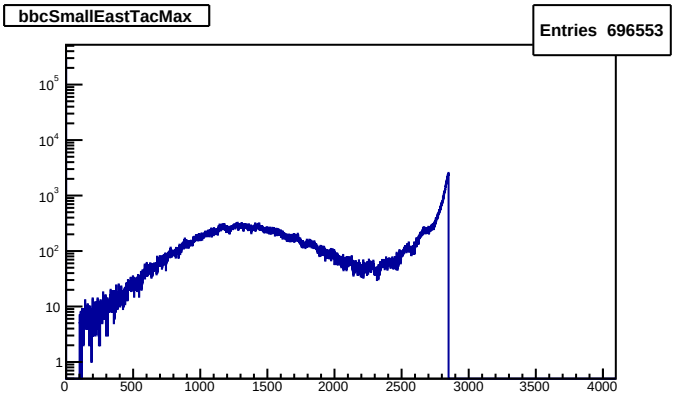

EQ3 QTB
Entries 5.155375e+07
TDC
QT Input Channel

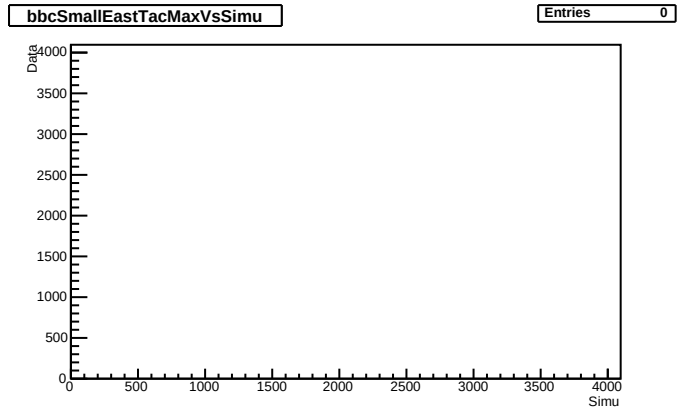

EQ3 QTC
Entries 6.686909e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.686909e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 696553


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 696553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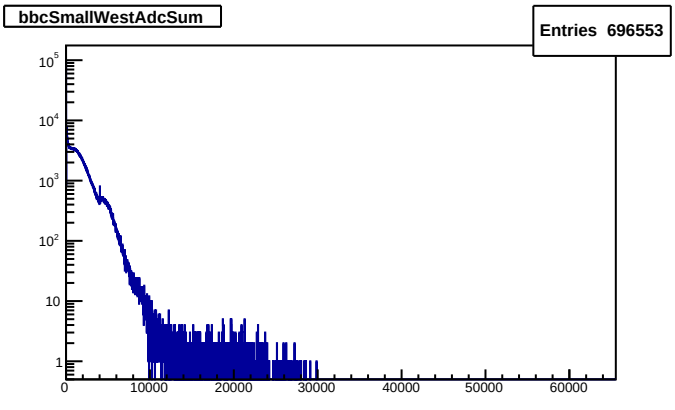
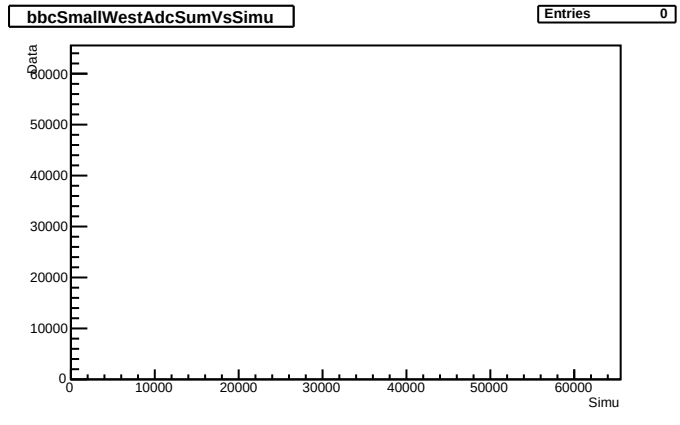
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 696553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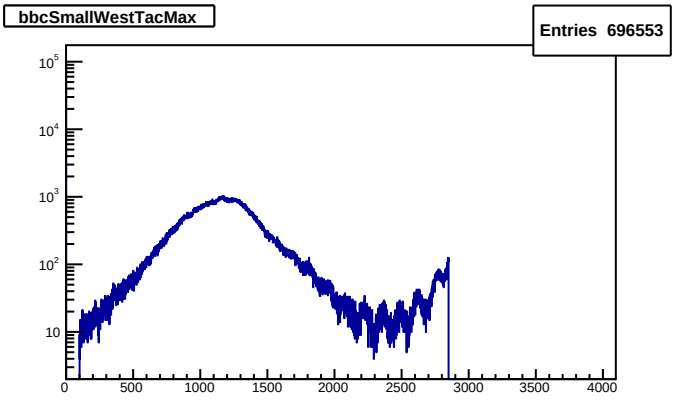
Simu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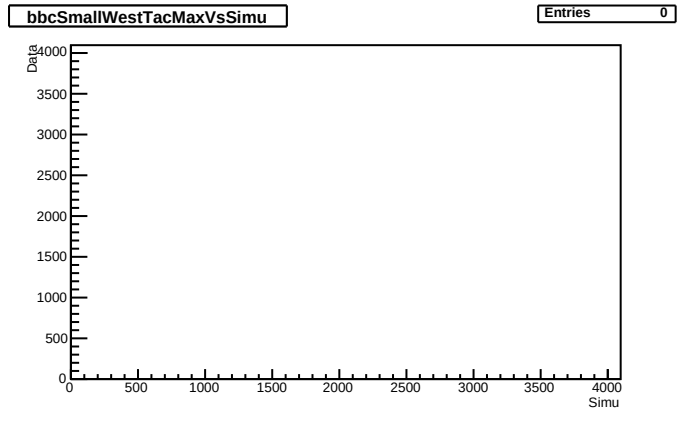
Entries 696553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Entries 0
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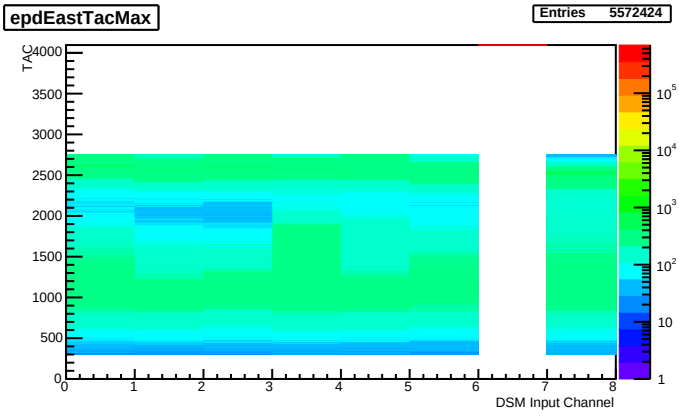
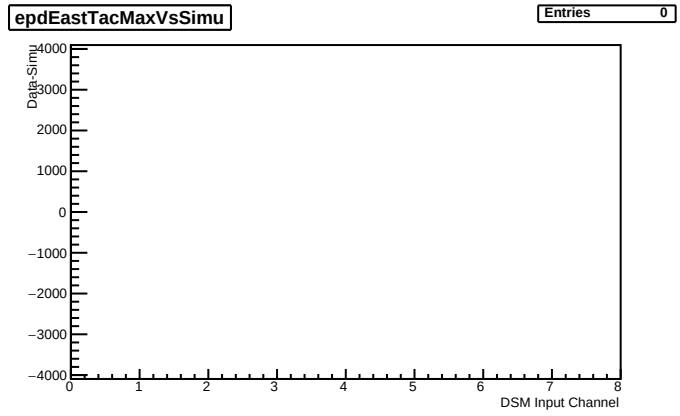
Simu


epdEastTacMax
Entries 5572424
TAC
DSM Input Channel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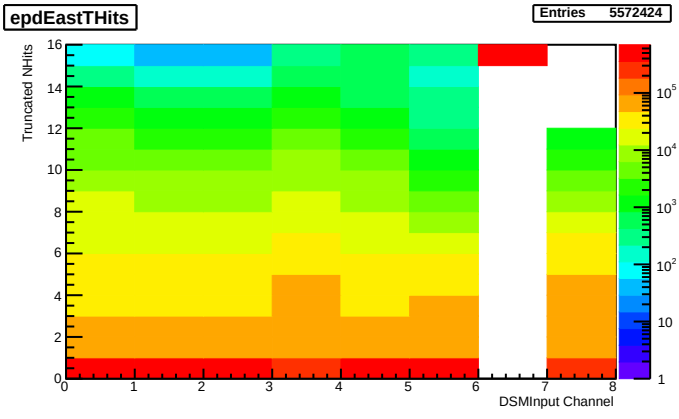
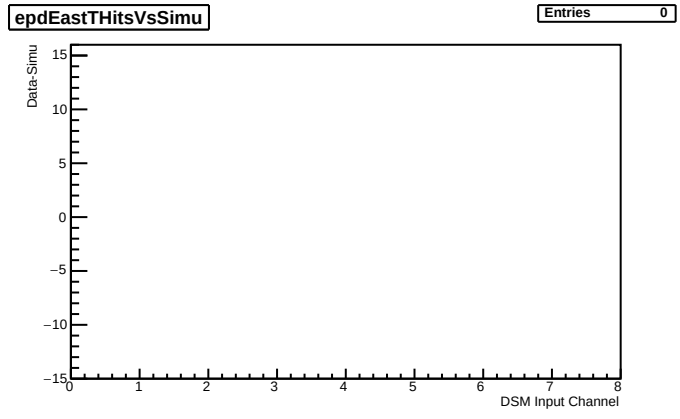
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5572424
Truncated NHits
DSMInput Channel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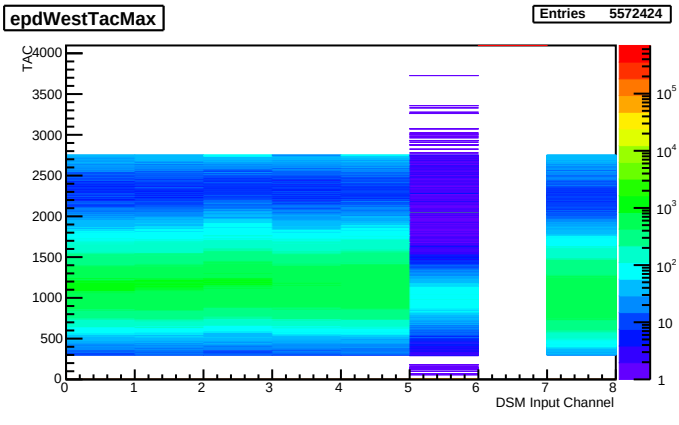
Data-Simu
DSM Input Channel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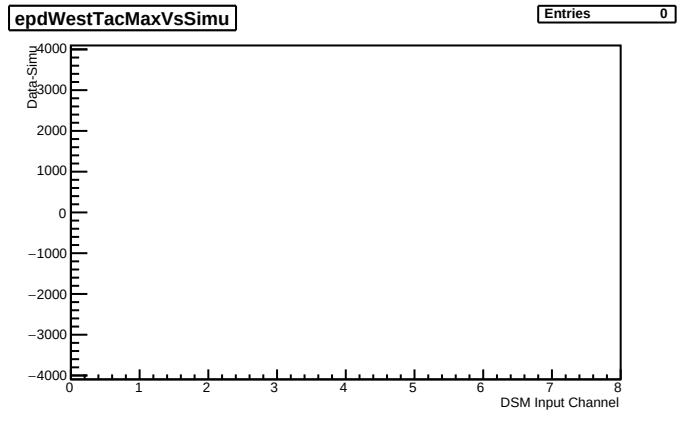
Entries 5572424
TAC
DSM Input Channel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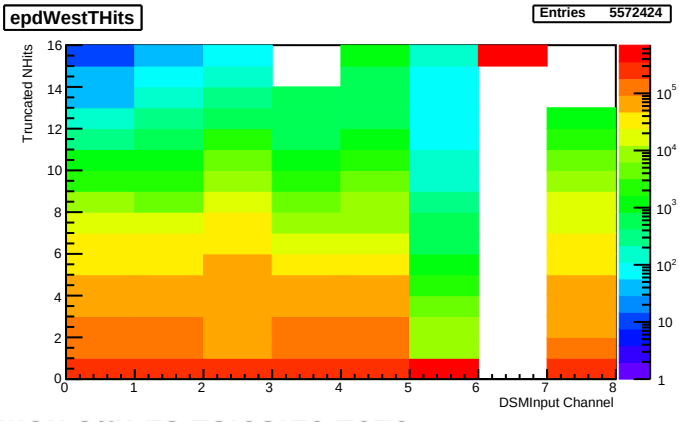
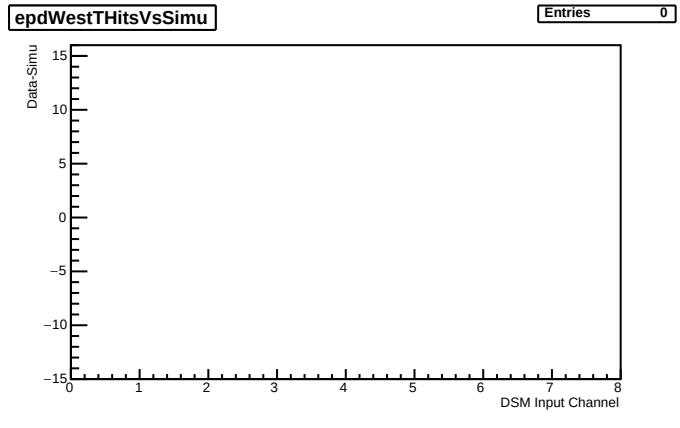
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5572424
Truncated NHits
DSMInput Channel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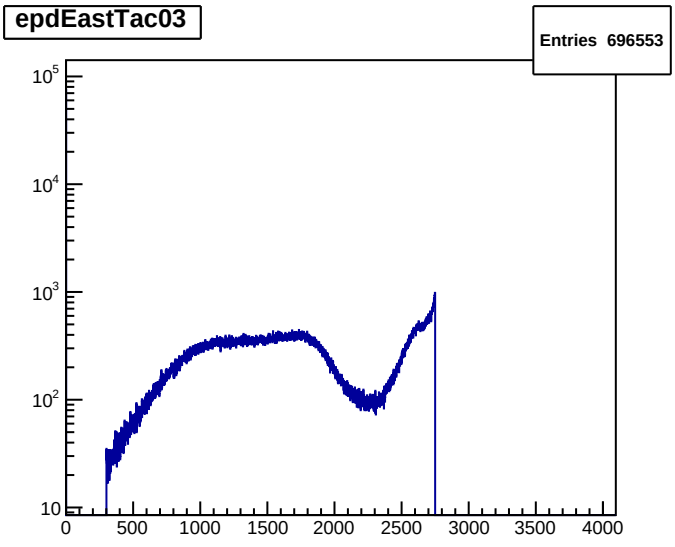
Entries 0
Data-Simu
DSM Input Channel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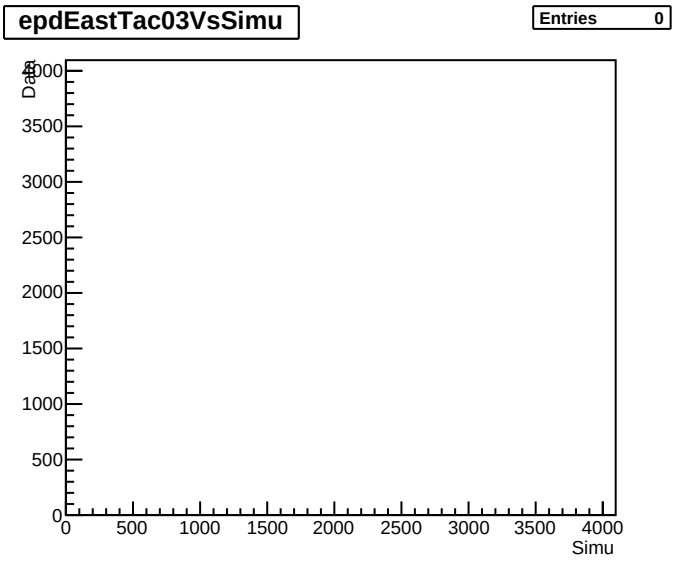
Entries 696553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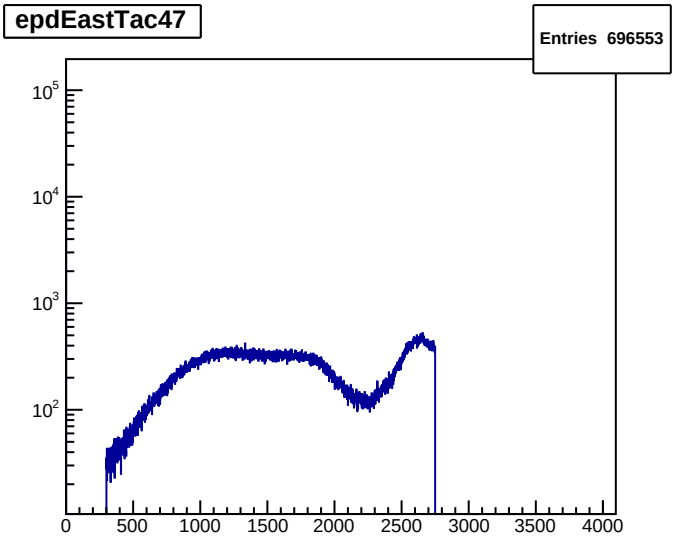
Entries 0
Data
Simu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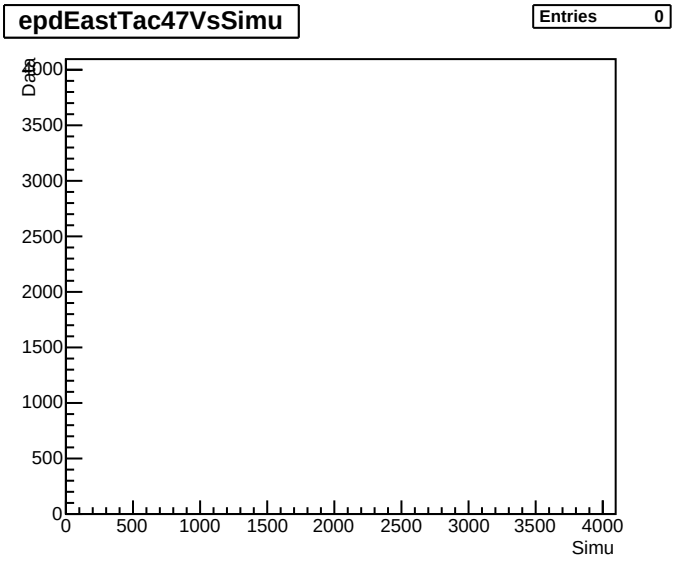
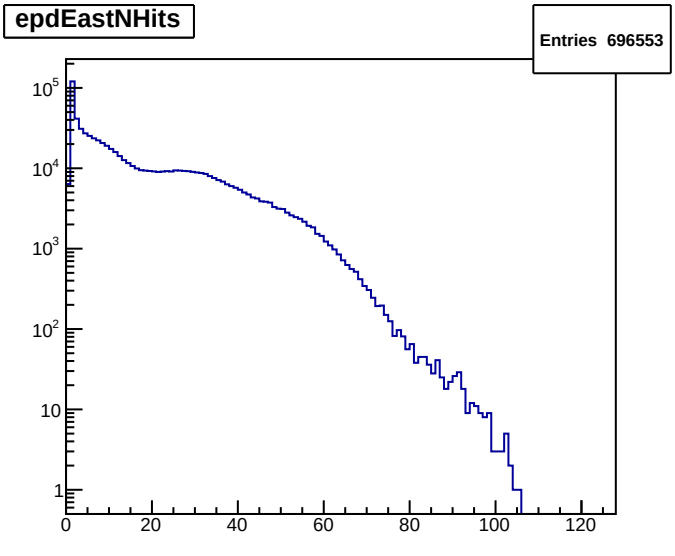
Entries 696553


epdEastTac47VsSimu
Entries 0
Data
Simu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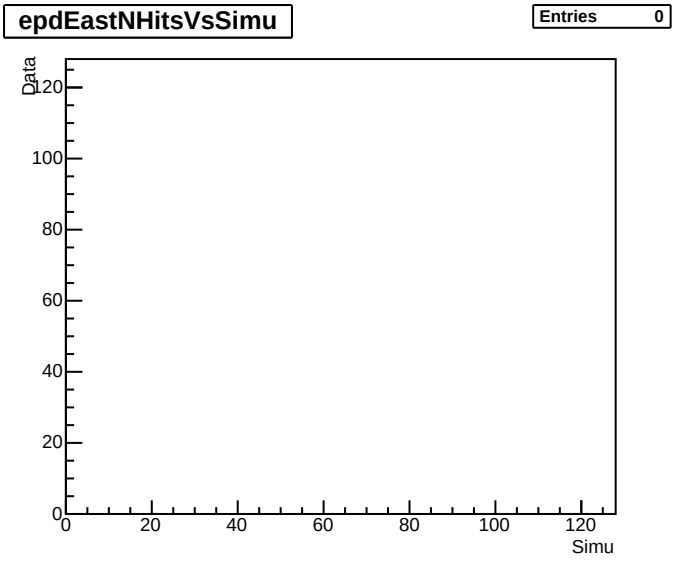
Entries 696553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Entries 0
Data
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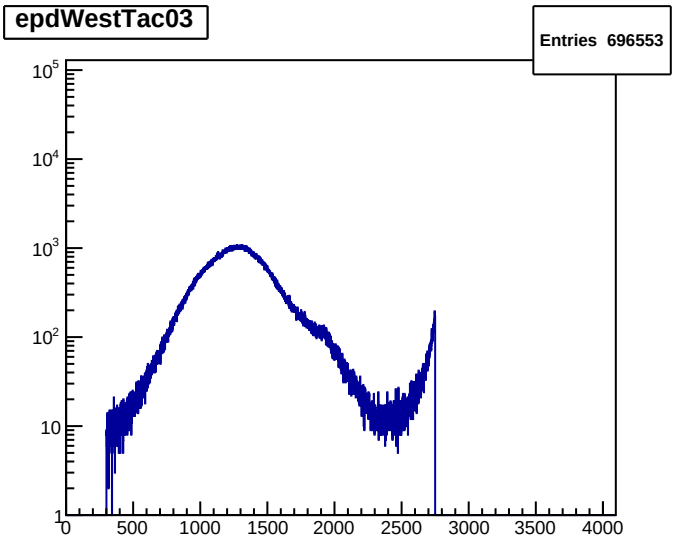
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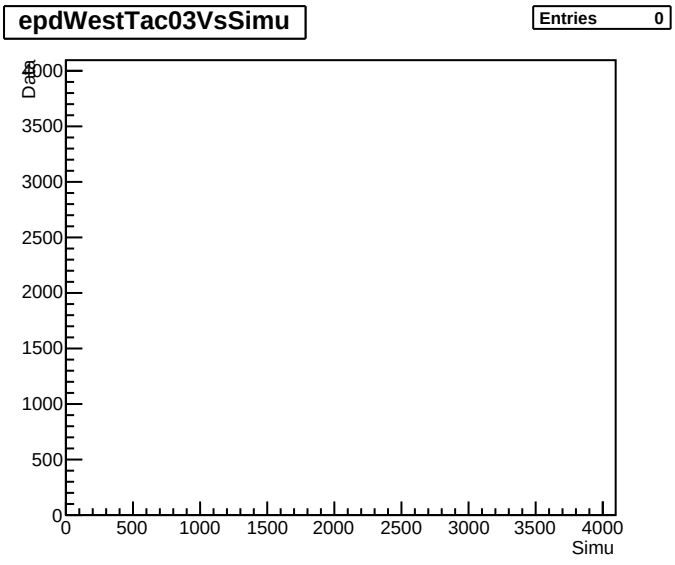
Entries 696553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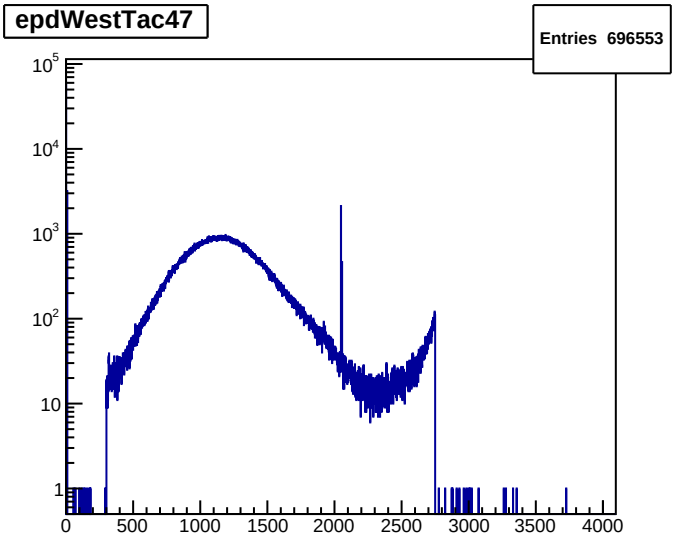
Data
Simu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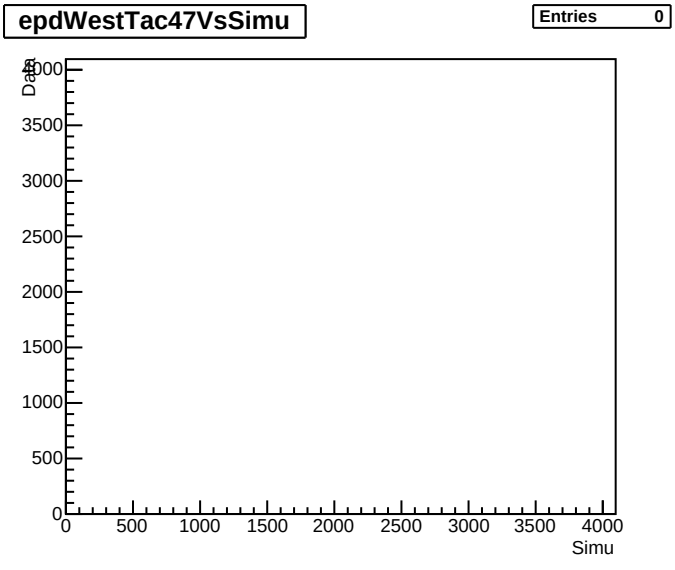
Entries 696553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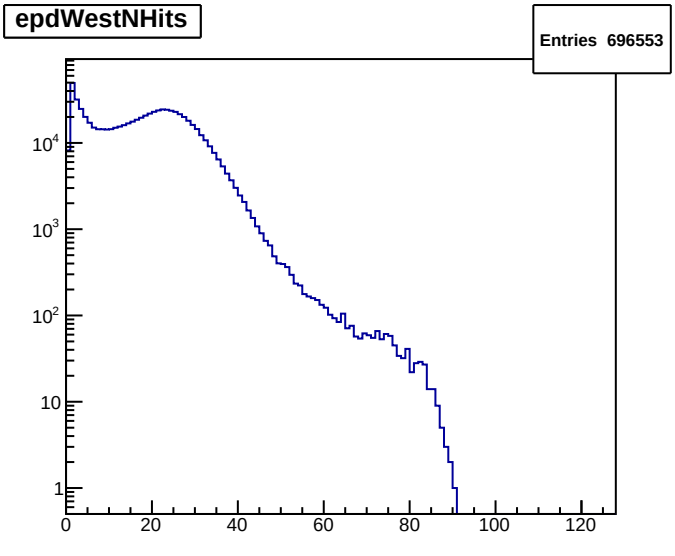
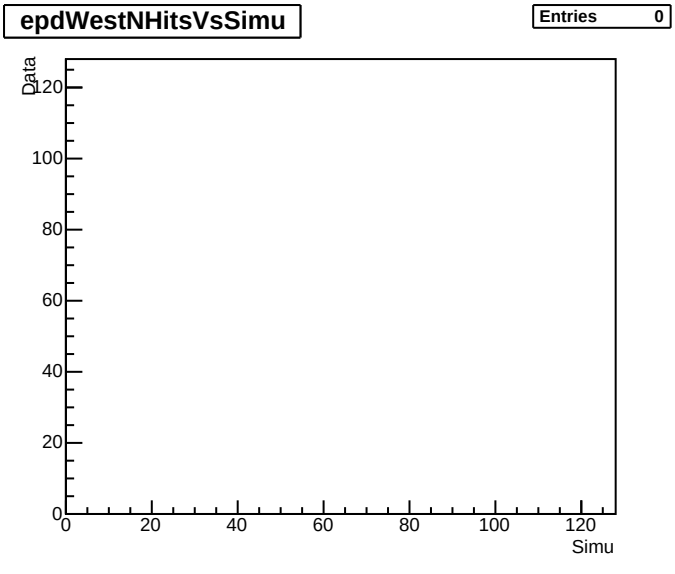
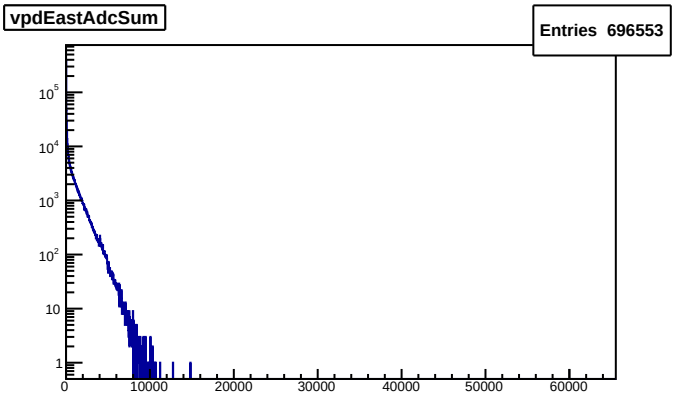
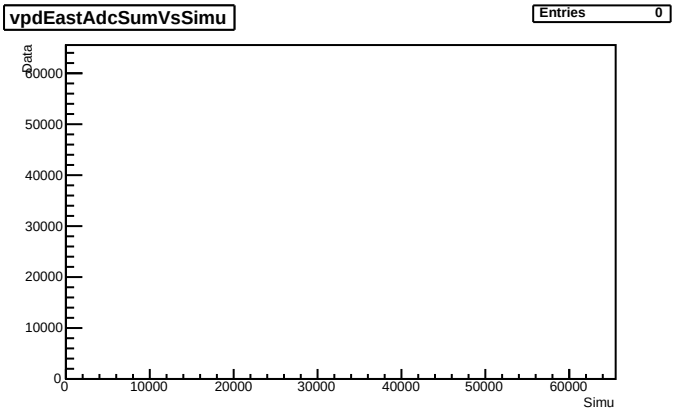
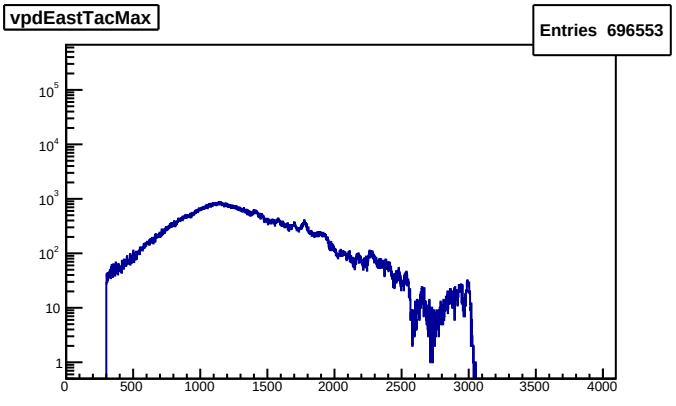
Entries 0
Data
Simu


epdWestNHits
Entries 696553


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 696553


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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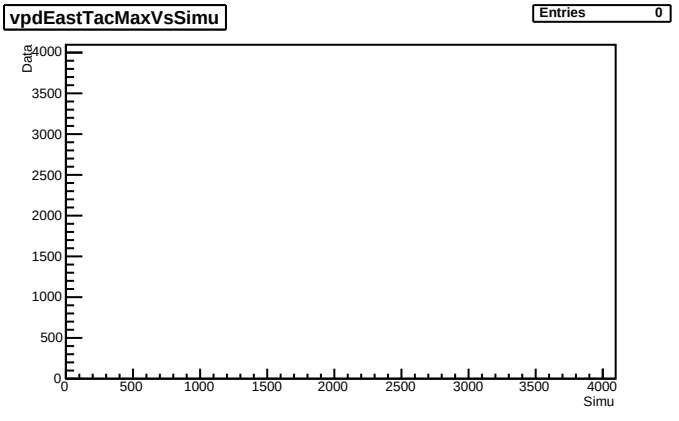
Entries 696553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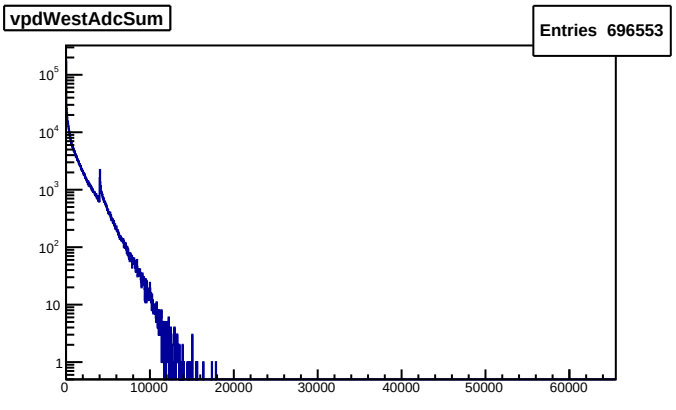
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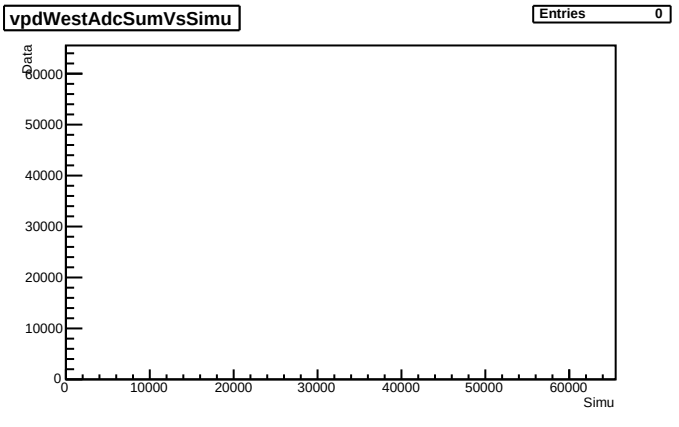
Entries 696553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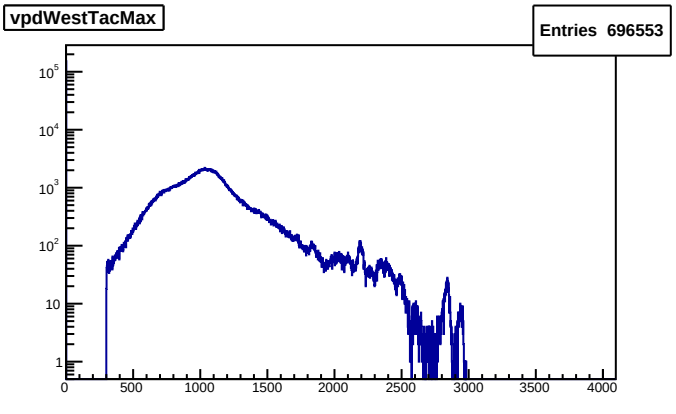
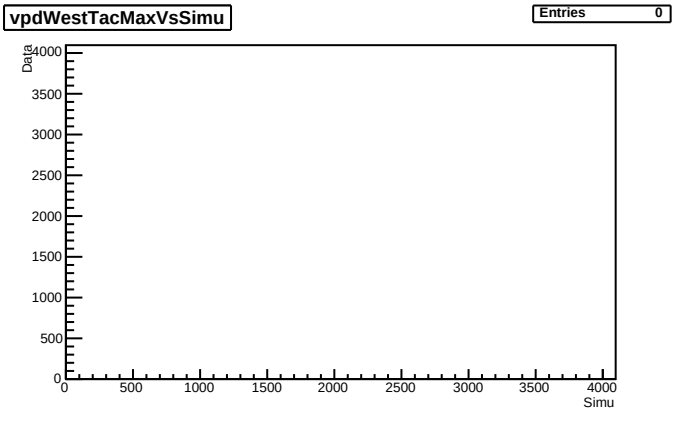
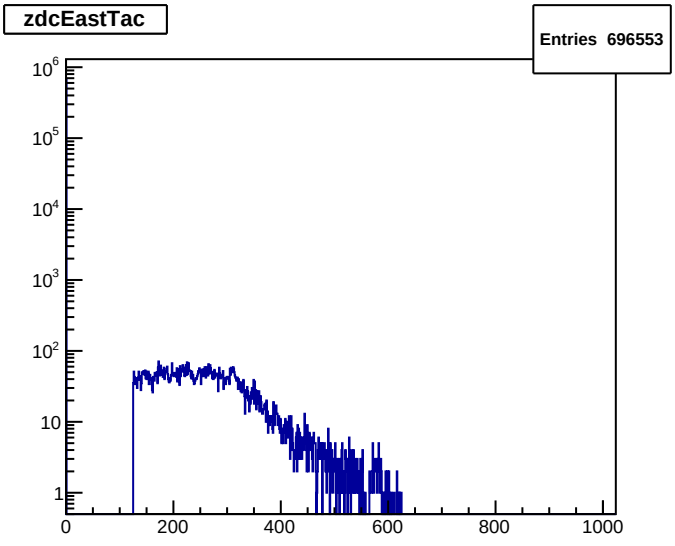
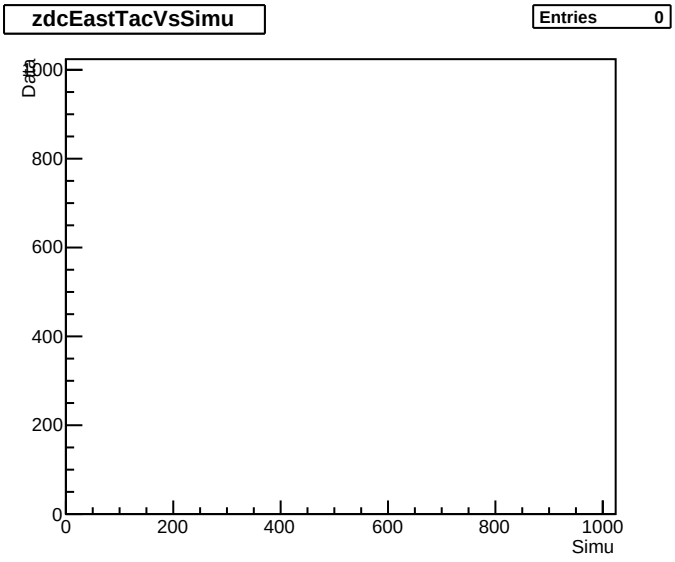
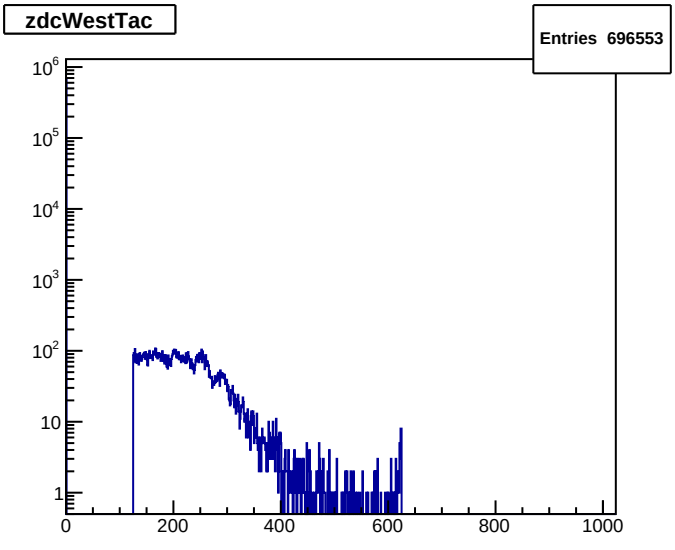
Entries 0
Data
Simu

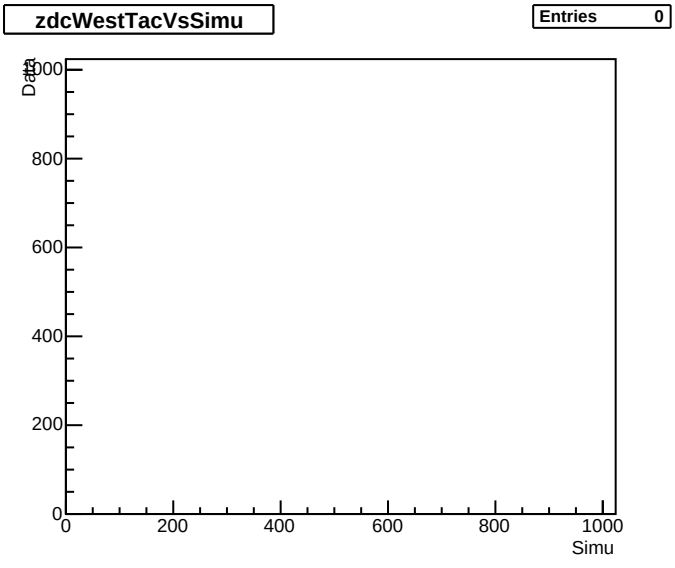

vpdWestTacMax
Entries 696553

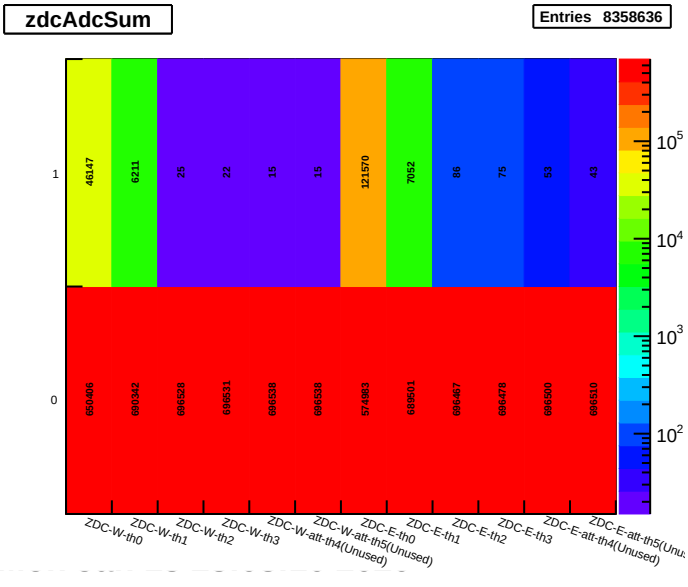

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

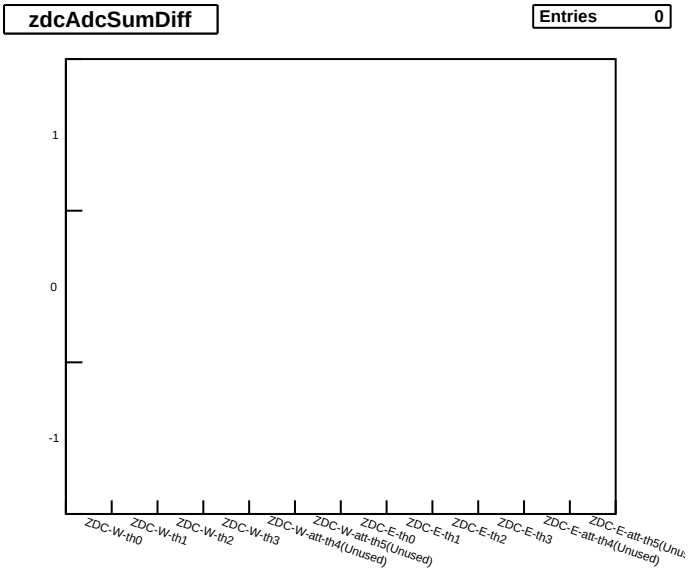

zdcEastTac
Entries 696553

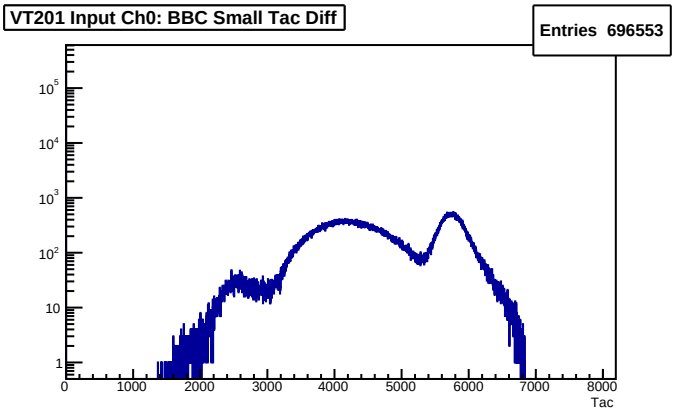

zdcEastTacVsSimu
Entries 0
Data
Simu

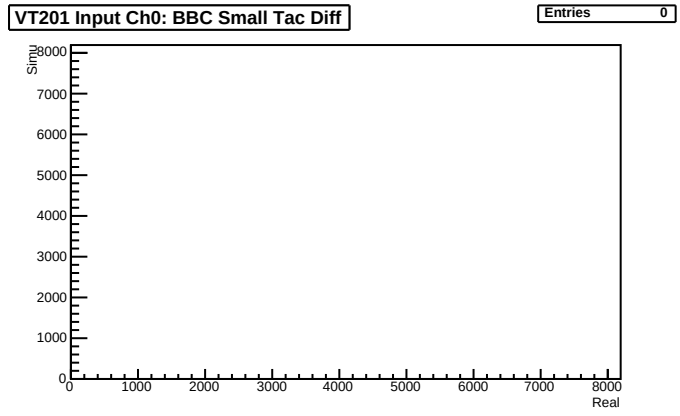

zdcWestTac
Entries 696553

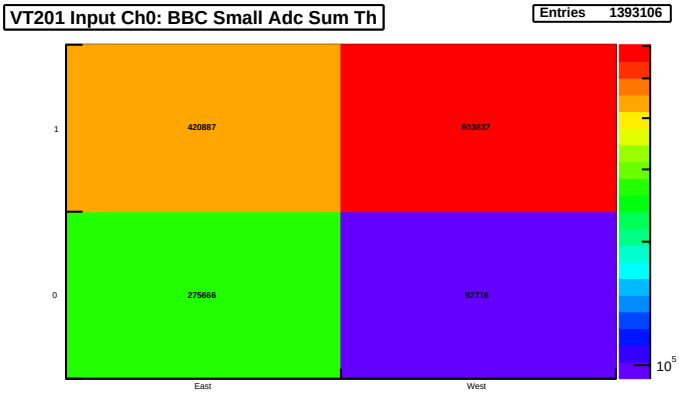

zdcWestTacVsSimu
Entries 0
Data
Simu

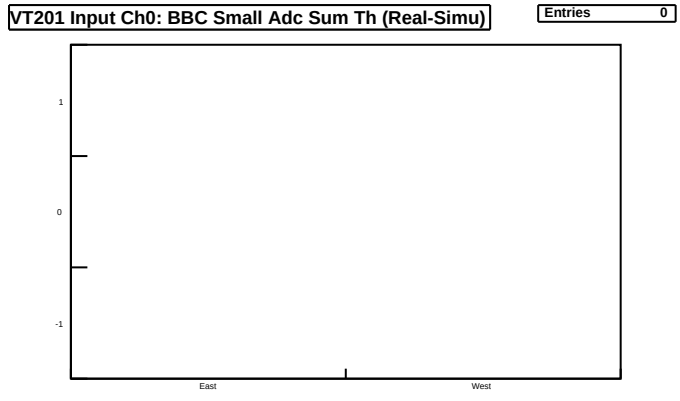

zdcAdcSum
Entries 8358636
46147
6211
25
22
15
15
121570
7052
86
75
53
43
650406
690342
696528
696531
696538
696538
574983
689501
696467
696478
696500
696510
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

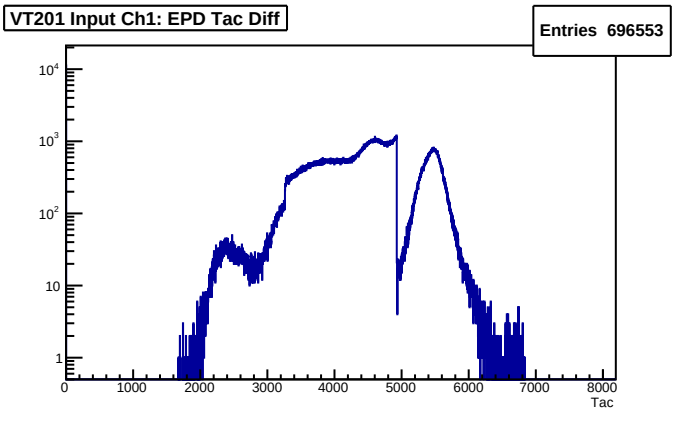

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

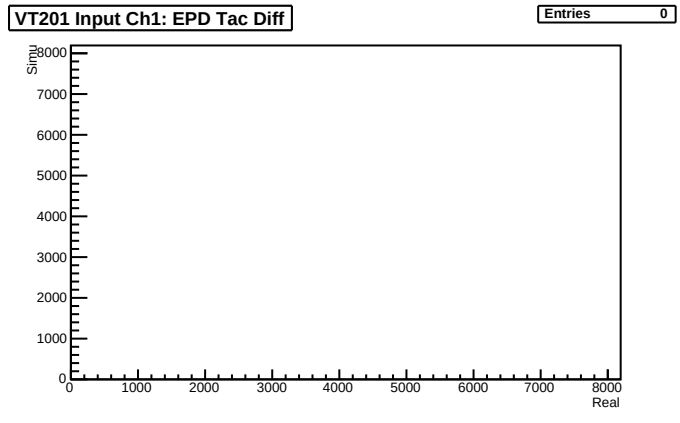

VT201 Input Ch0: BBC Small Tac Diff
Entries 696553
Tac

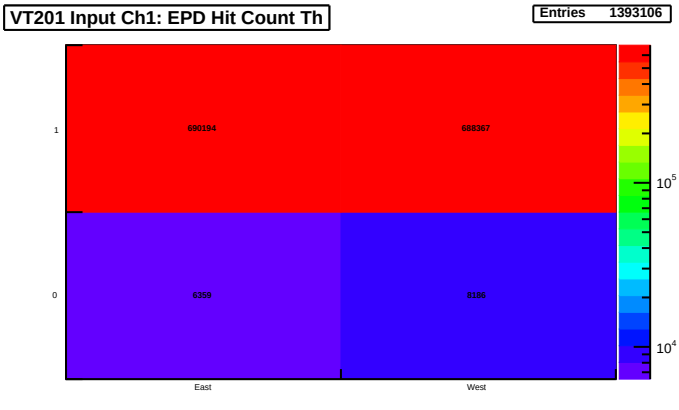

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

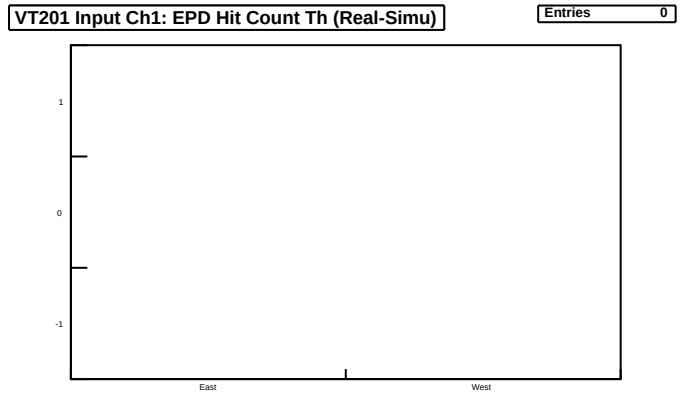

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1393106
420887
603837
275666
92716
East
West

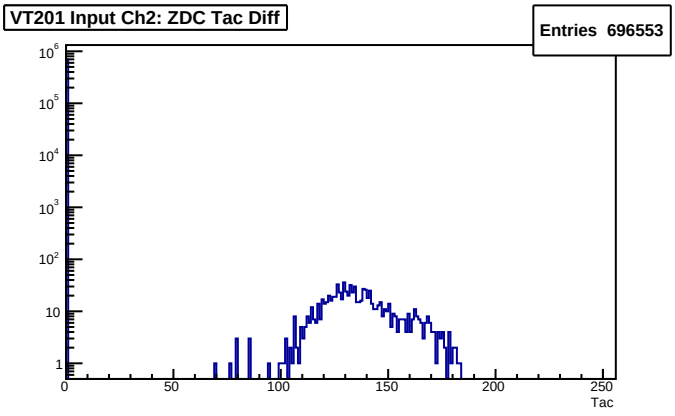

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

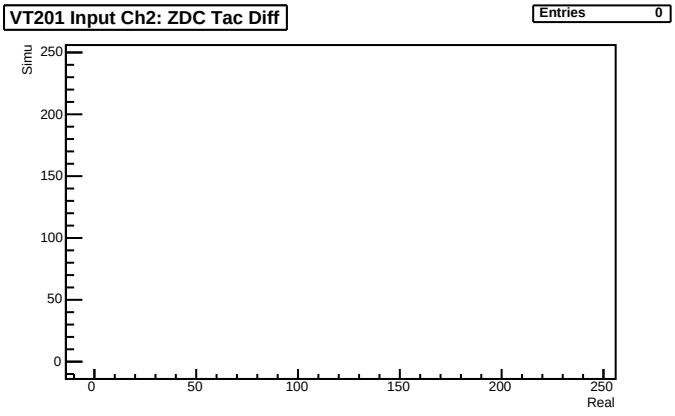

VT201 Input Ch1: EPD Tac Diff
Entries 696553
Tac

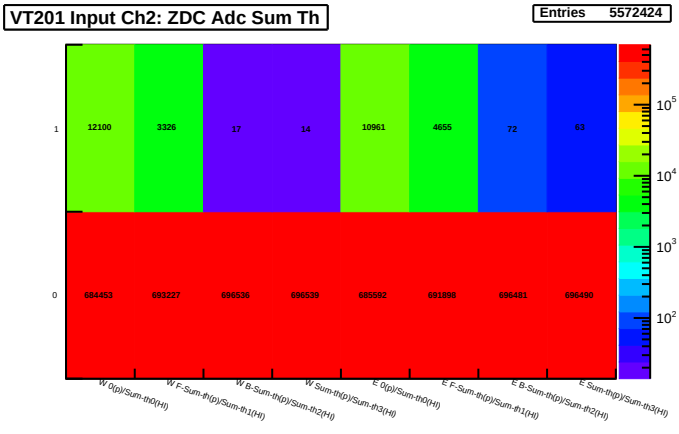

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

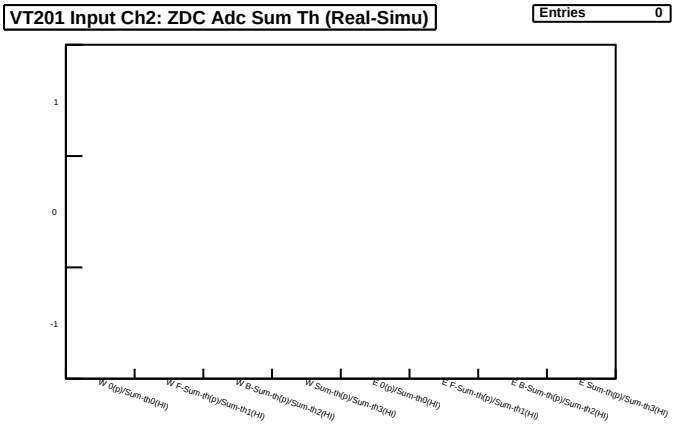

VT201 Input Ch1: EPD Hit Count Th
Entries 1393106
690194
688367
6359
8186
East
West

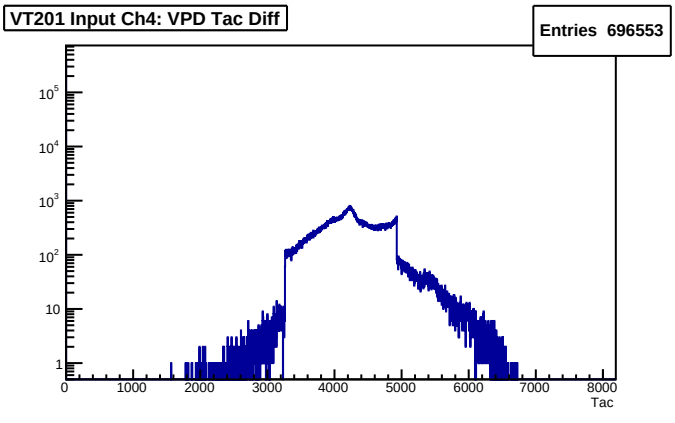

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

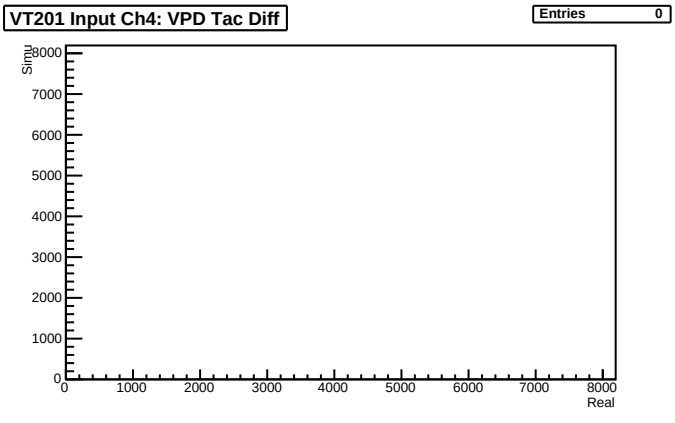

VT201 Input Ch2: ZDC Tac Diff
Entries 696553
Tac

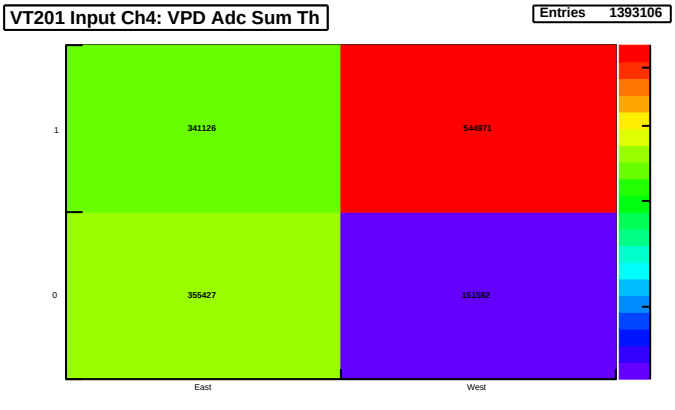

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

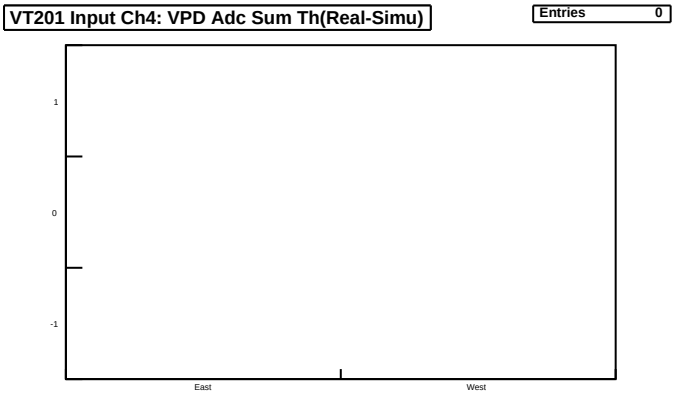

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5572424
12100
3326
17
14
10961
4655
72
63
684453
693227
696536
696539
685592
691898
696481
696490
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

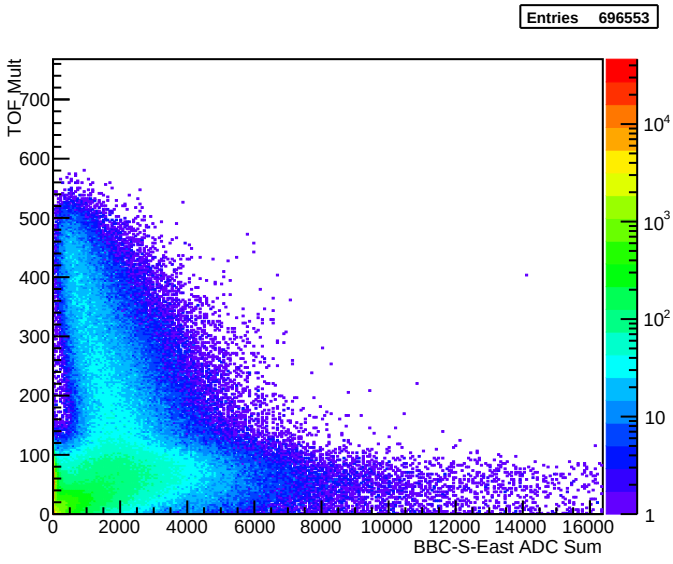

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

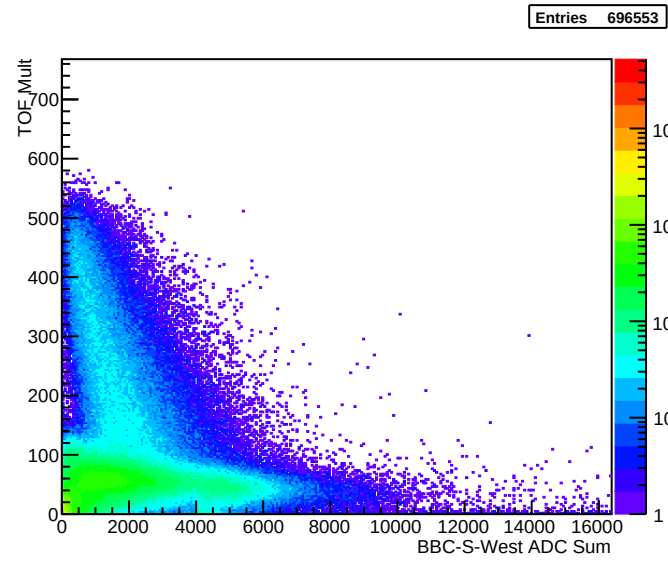

VT201 Input Ch4: VPD Tac Diff
Entries 696553
Tac

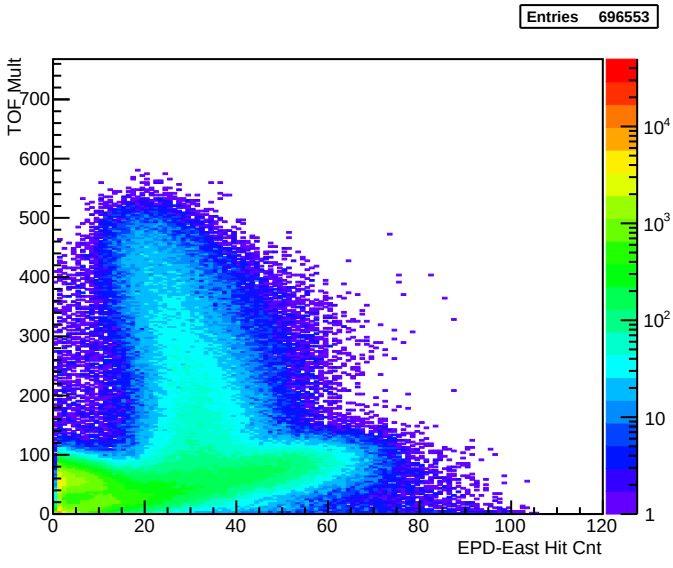

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

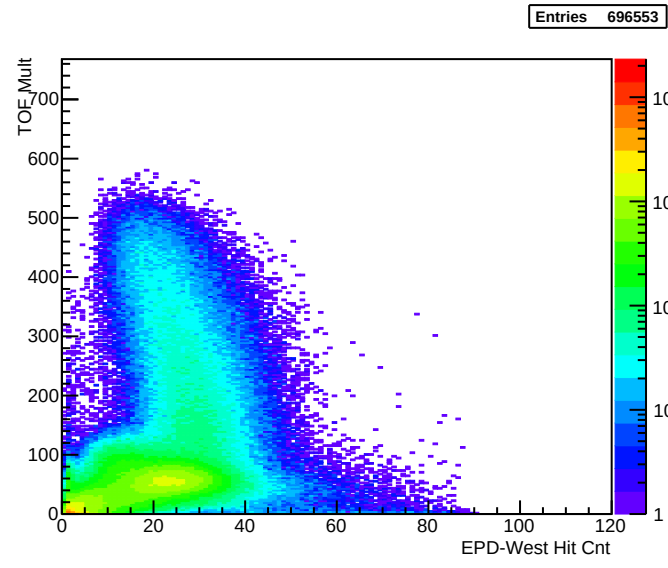

VT201 Input Ch4: VPD Adc Sum Th
Entries 1393106
341126
544971
355427
151582
East
West

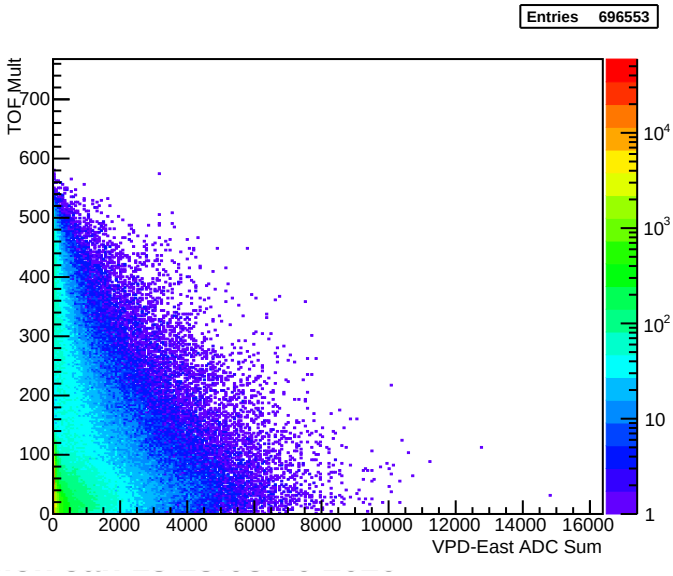

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

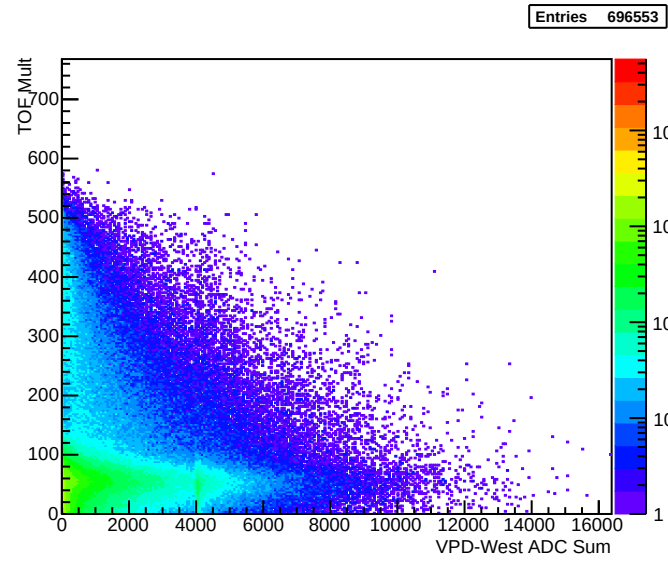

Entries 696553
TOF_Mult
BBC-S-East ADC Sum

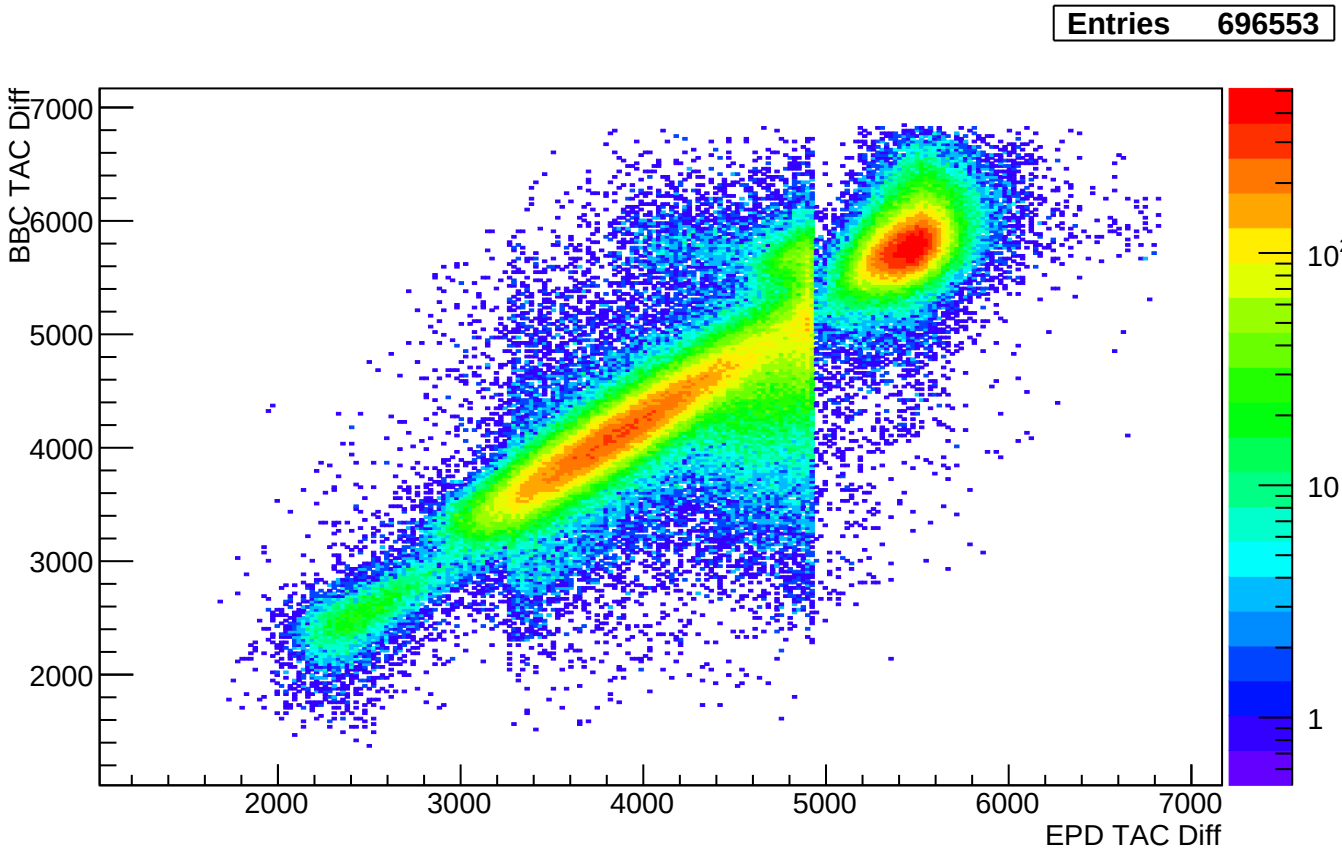

Entries 696553
TOF_Mult
BBC-S-West ADC Sum

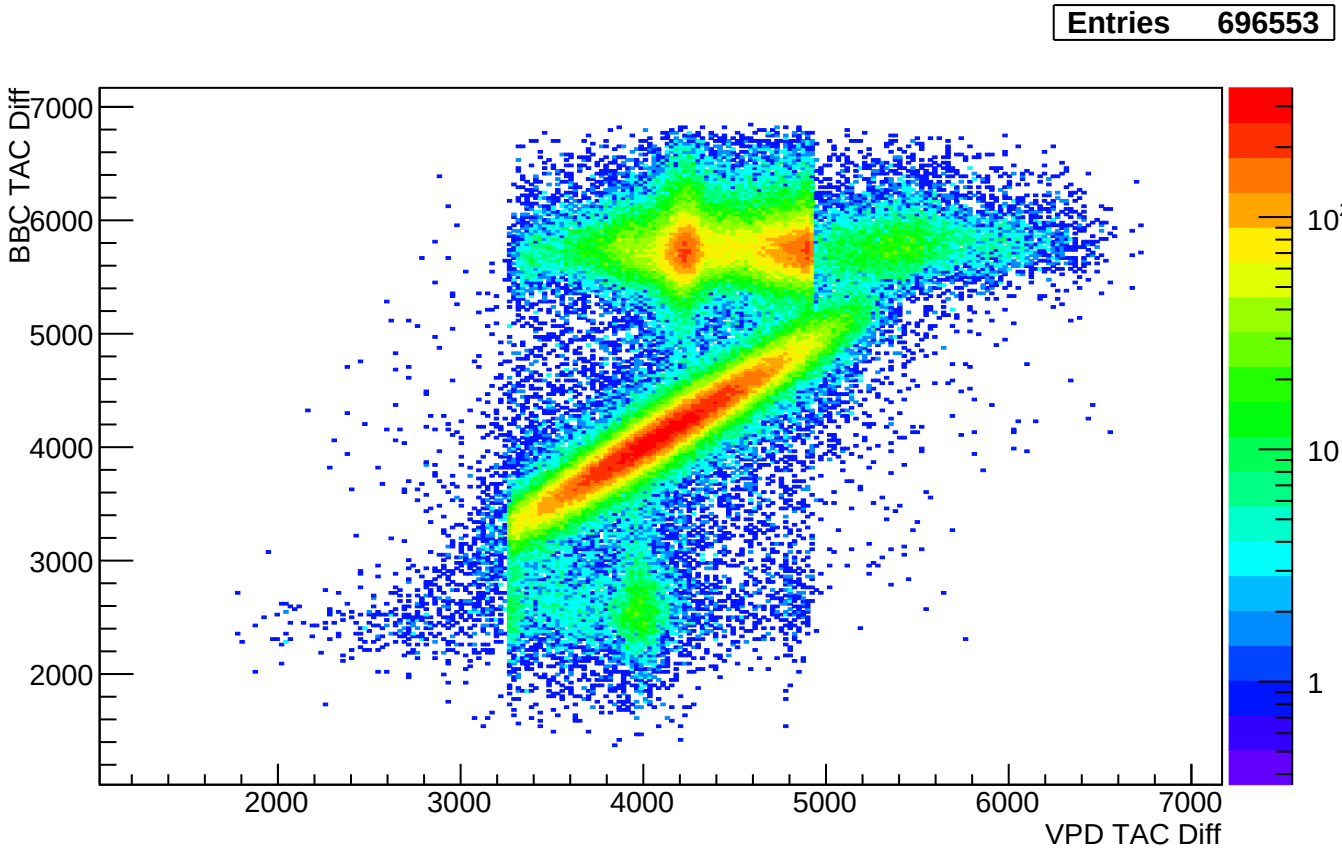

Entries 696553
TOF_Mult
EPD-East Hit Cnt

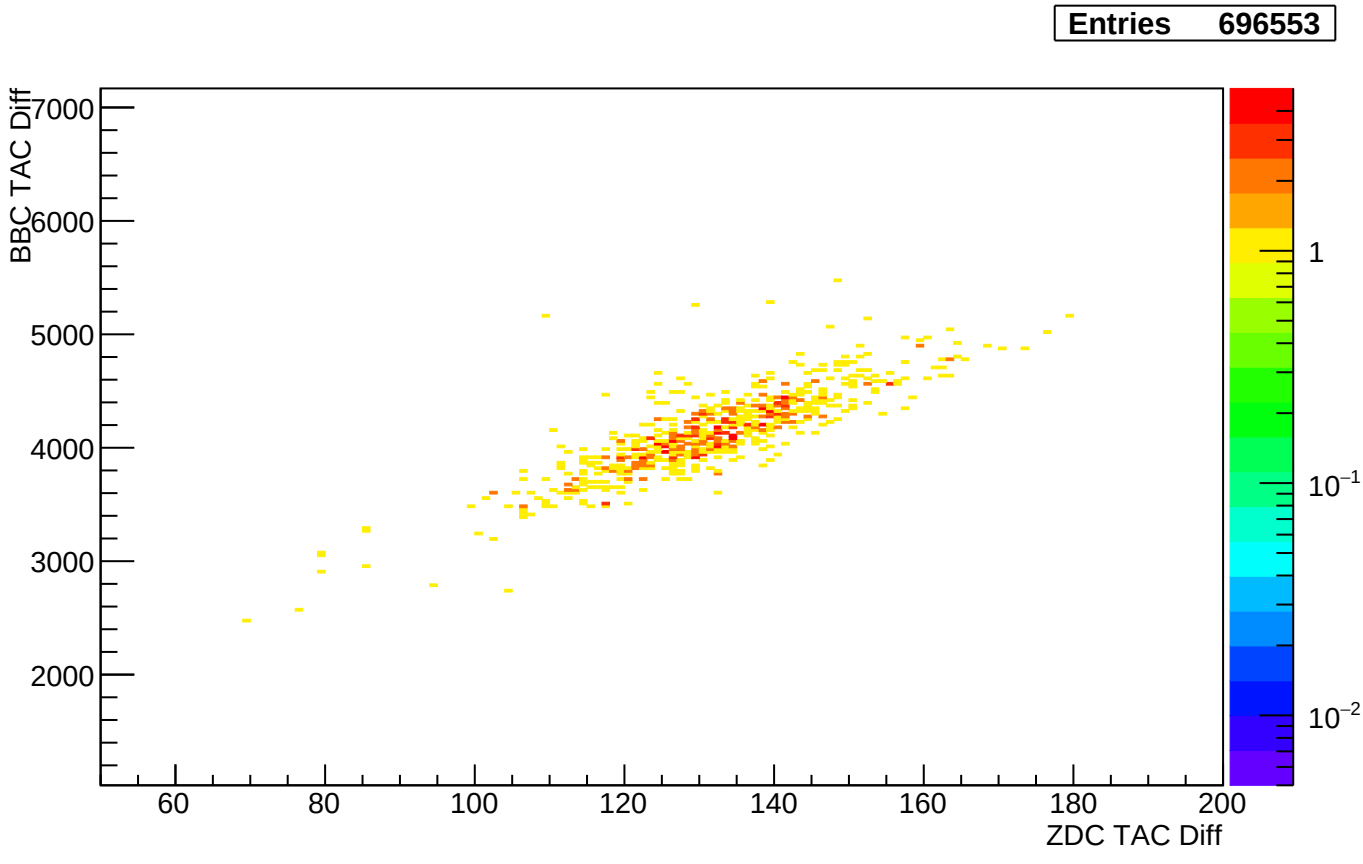

Entries 696553
TOF_Mult
EPD-West Hit Cnt

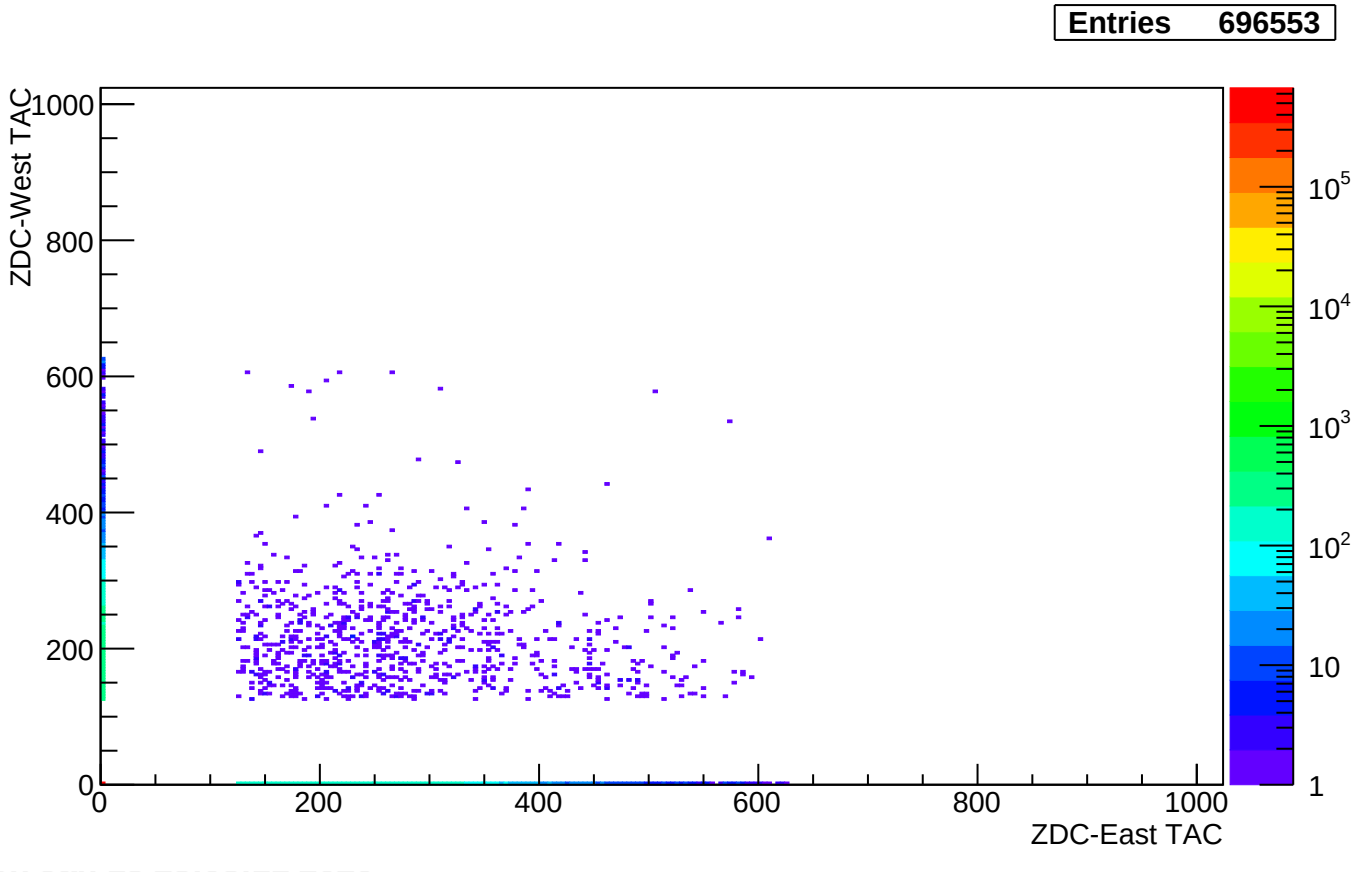

Entries 696553
TOF_Mult
VPD-East ADC Sum

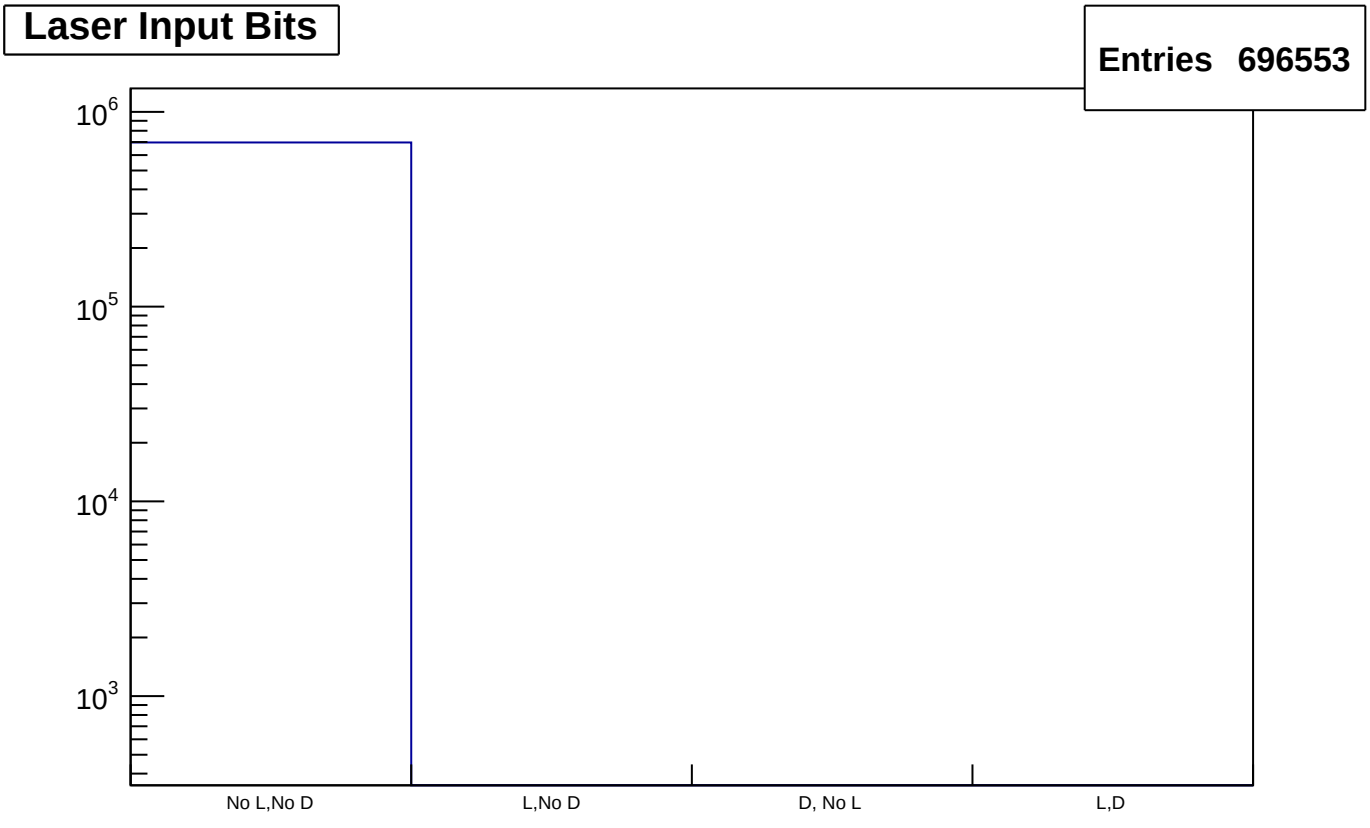

Entries 696553
TOF_Mult
VPD-West ADC Sum

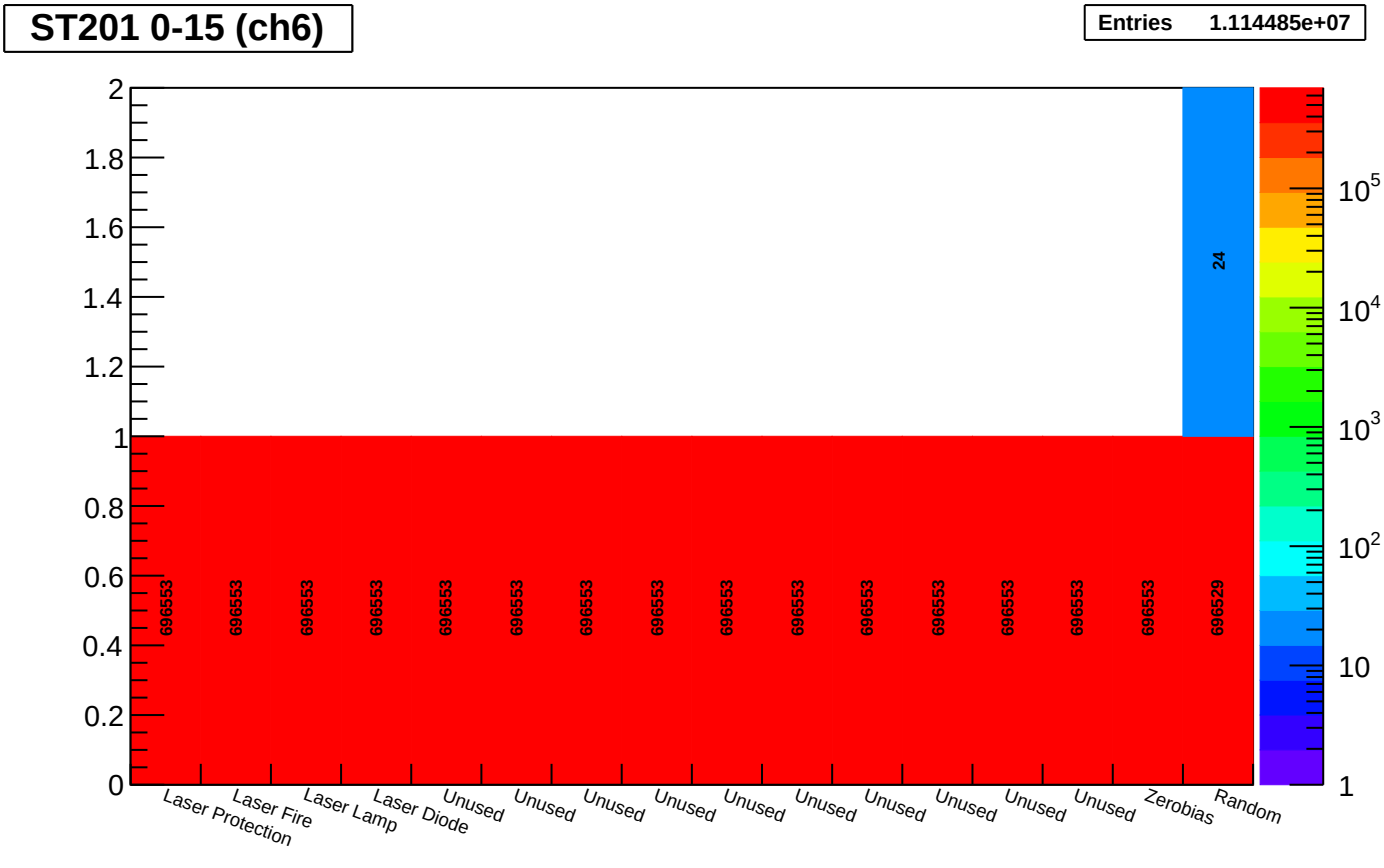

Entries 696553
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

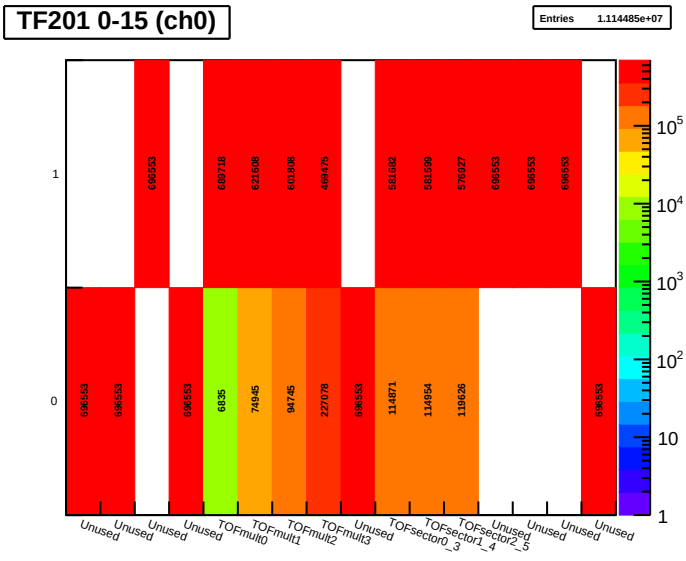

Entries 696553
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

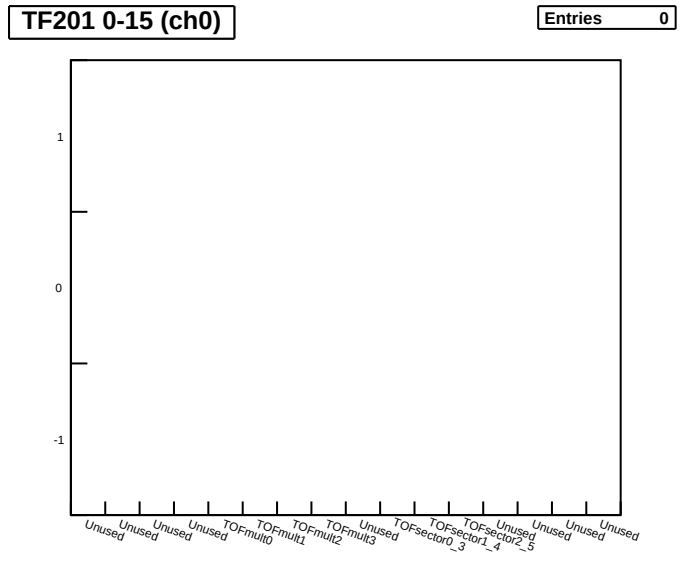

Entries 696553
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

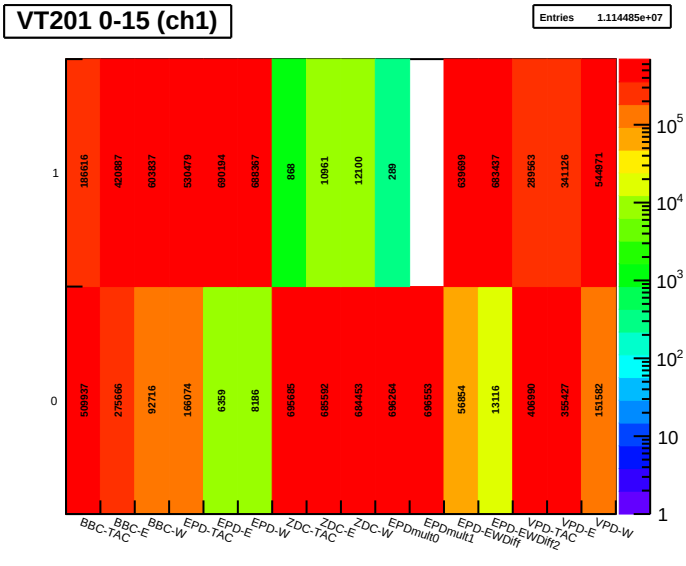

Entries 696553
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

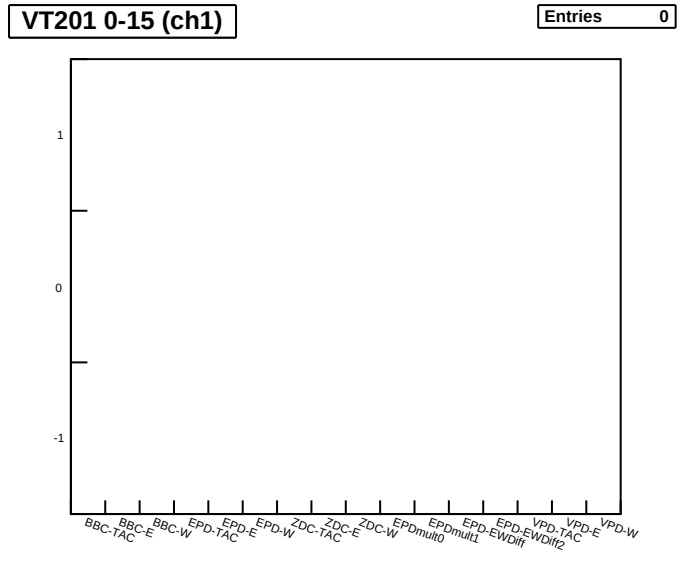

Laser Input Bits
Entries 696553
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

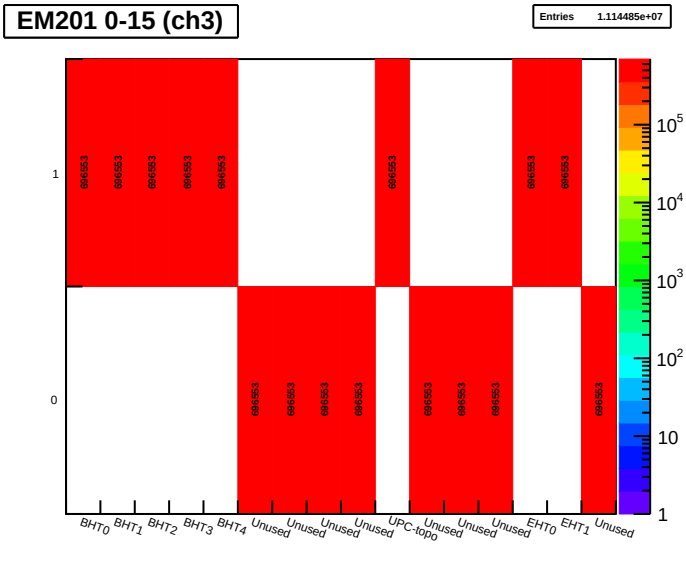

ST201 0-15 (ch6)
Entries 1.114485e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
24
696553
696529
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

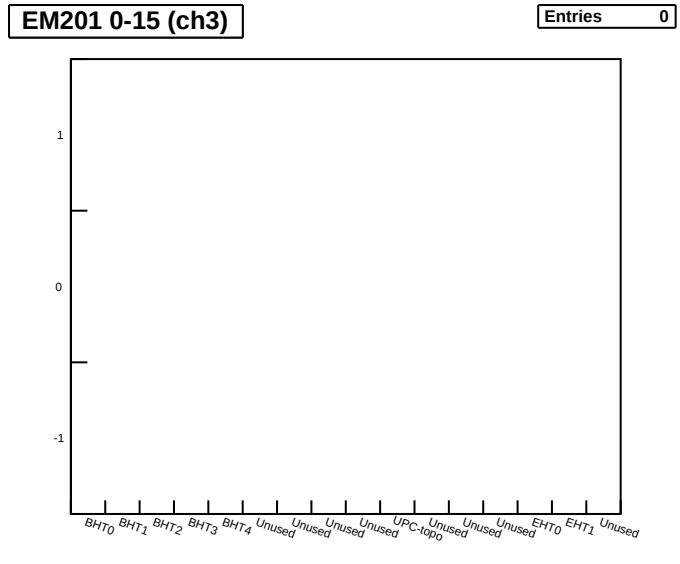

TF201 0-15 (ch0)
Entries 1.114485e+07
1
0
696553 696553 696553 696553 696553 696553 696553 696553 696553 696553 696553 696553 696553 696553 696553 696553
628718 621608 601808 469475 581682 581599 576927 696553 696553 696553
6835 74945 94745 227078 114871 114954 119626
Unused Unused Unused Unused TOFmult0 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 1.114485e+07
1
0
186616 420887 603837 530479 690194 688357 868 10961 12100 289 639699 683437 289563 341126 544971
509937 275666 92716 166074 6359 8186 686685 685592 684453 686264 696553 56854 13116 406990 355427 151582
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 1.114485e+07
1
0
696553 696553 696553 696553 696553 696553 696553 696553 696553
696553 696553 696553 696553 696553 696553 696553 696553
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