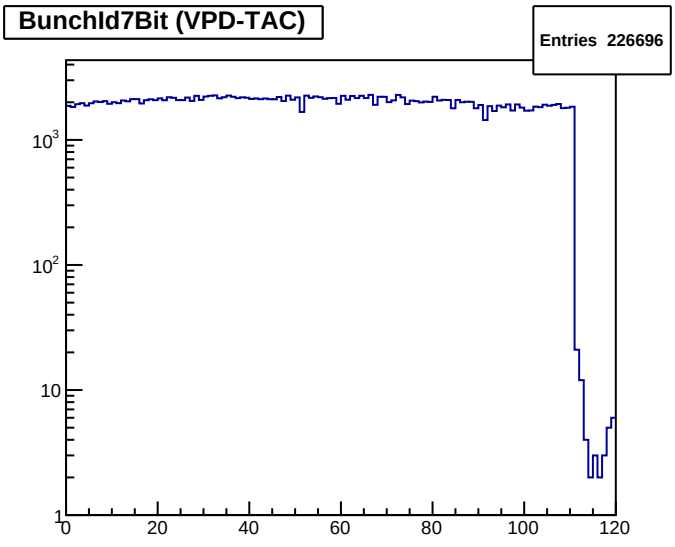
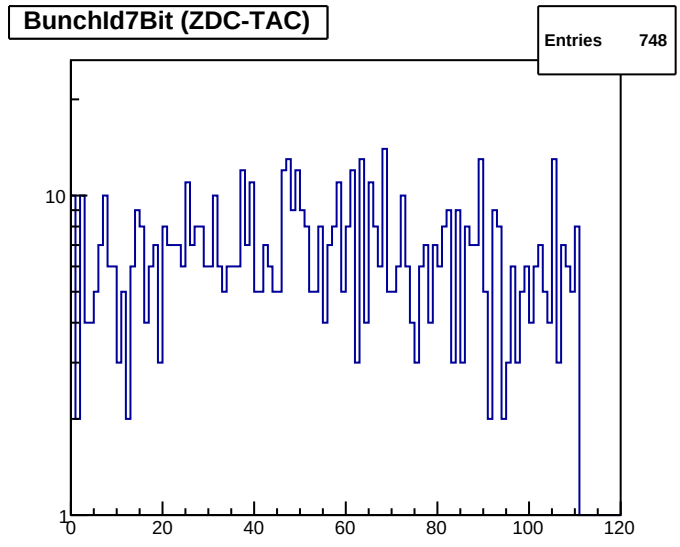
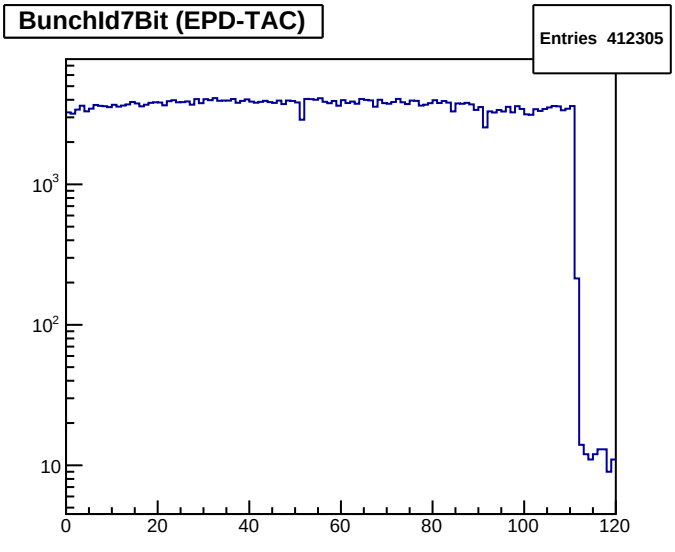
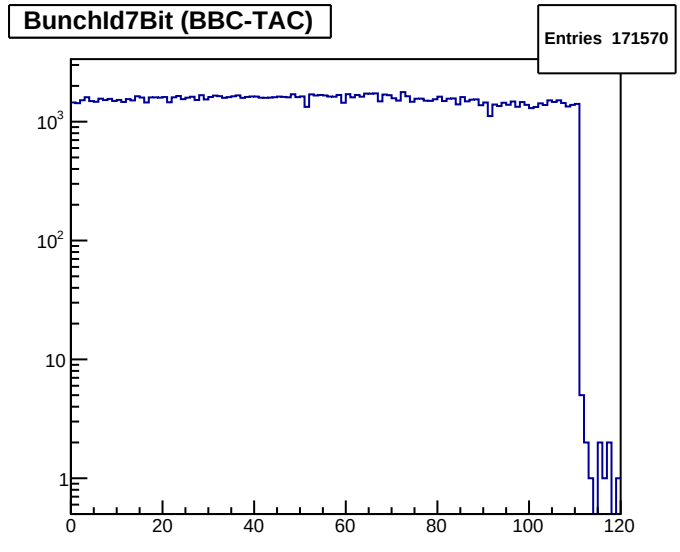
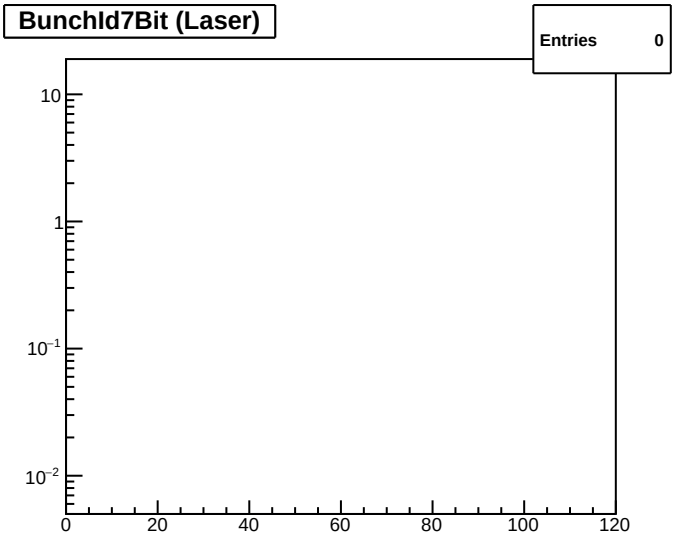
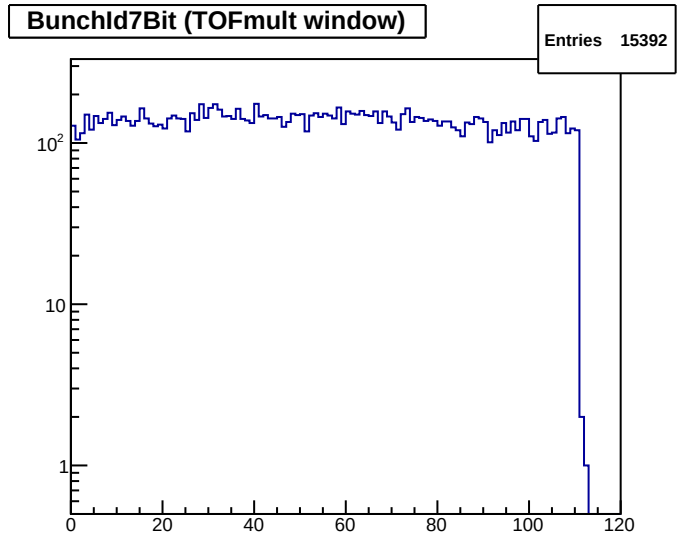

BunchId7Bit (VPD-TAC)
Entries 226696

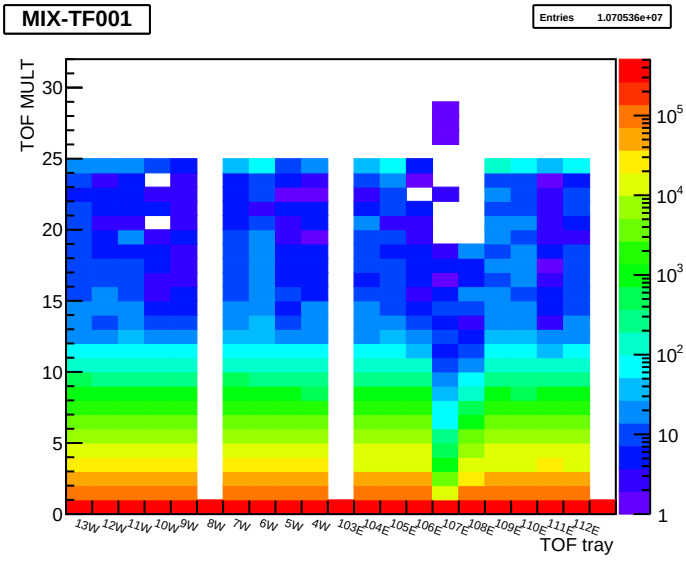

BunchId7Bit (ZDC-TAC)
Entries 748

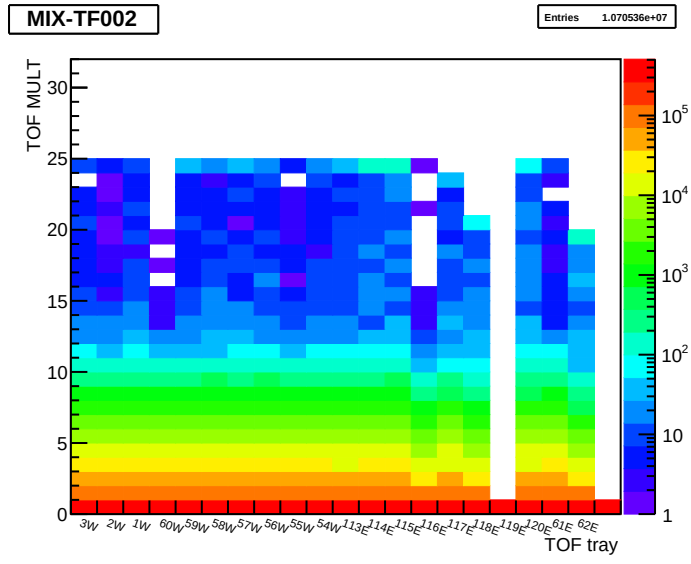

BunchId7Bit (EPD-TAC)
Entries 412305

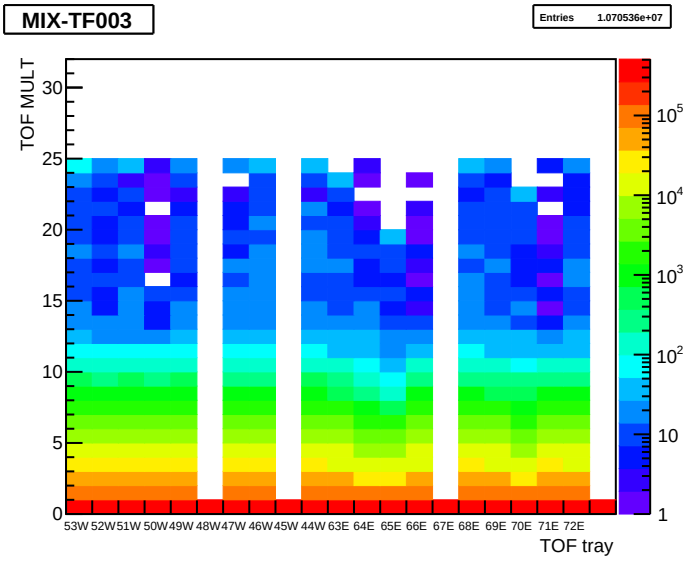

BunchId7Bit (BBC-TAC)
Entries 171570

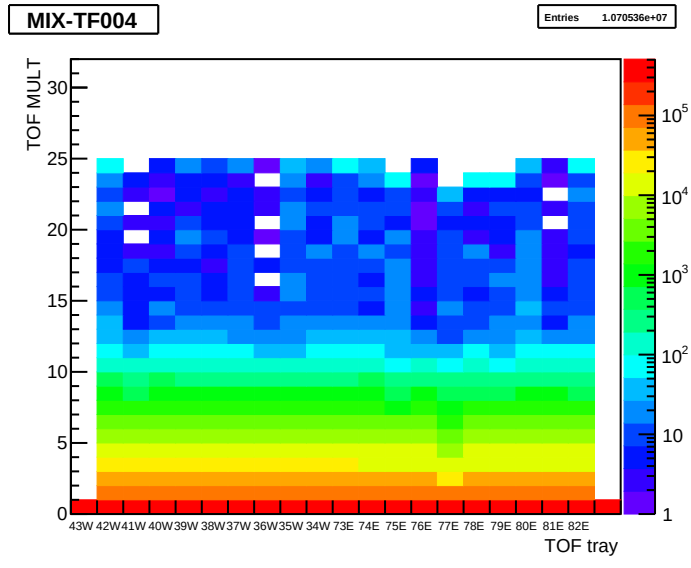

BunchId7Bit (Laser)
Entries 0

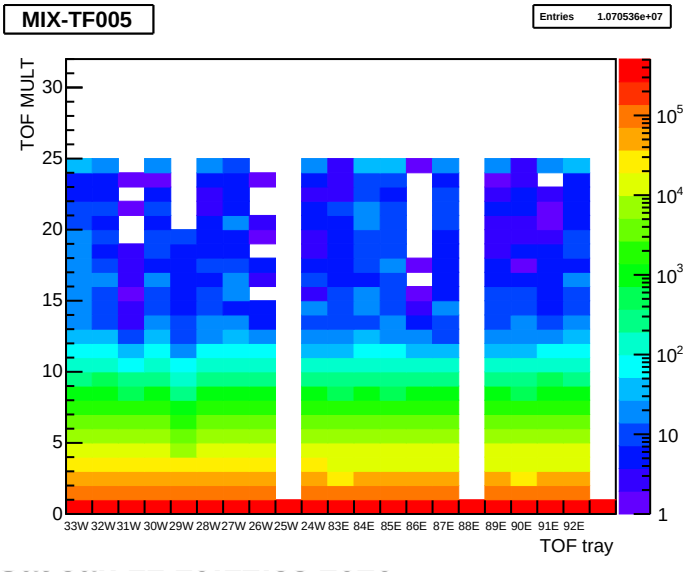

BunchId7Bit (TOFmult window)
Entries 15392

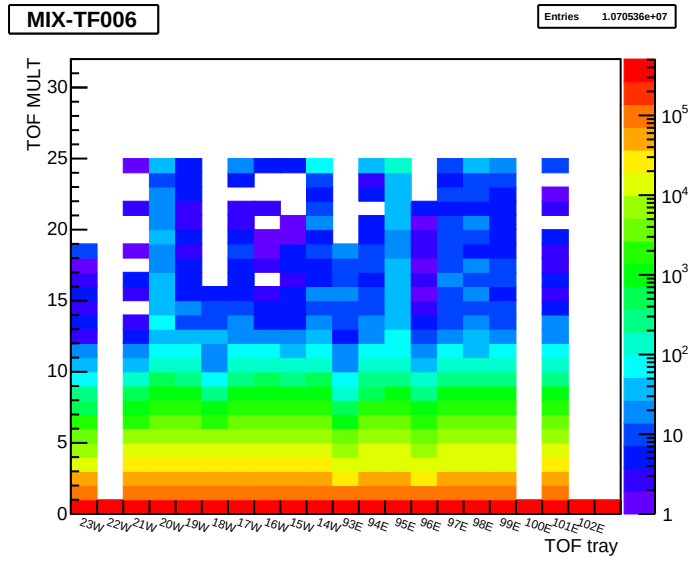

MIX-TF001
Entries 1.070536e+07
TOF MULT
TOF tray

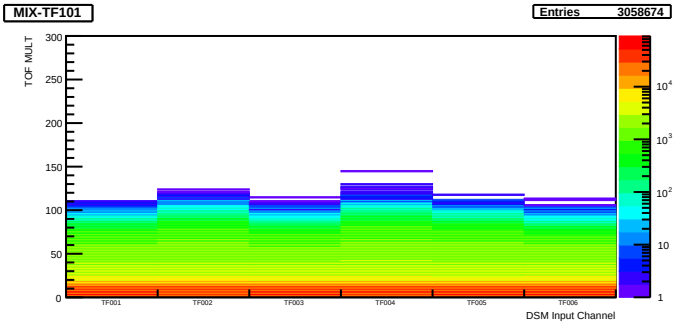

MIX-TF002
Entries 1.070536e+07
TOF MULT
TOF tray

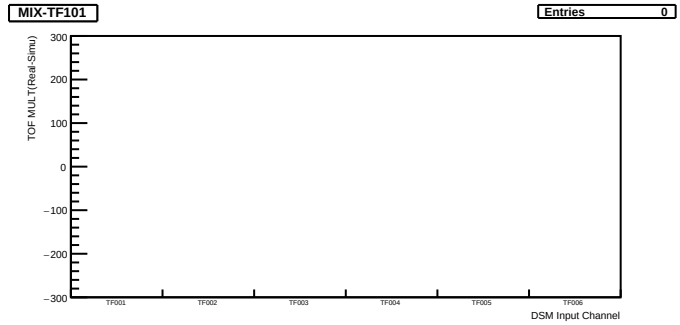

MIX-TF003
Entries 1.070536e+07
TOF MULT
TOF tray

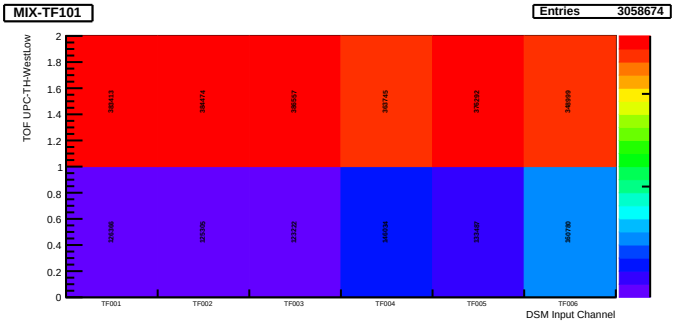

MIX-TF004
Entries 1.070536e+07
TOF MULT
TOF tray

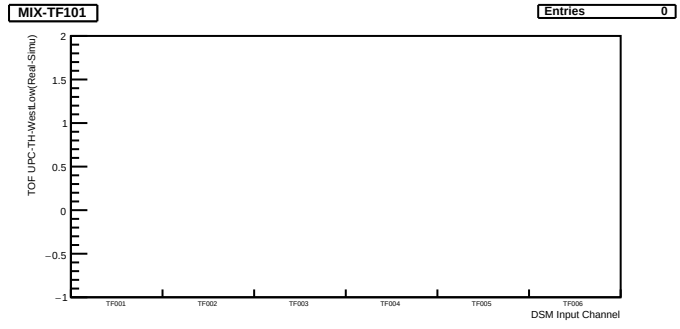

MIX-TF005
Entries 1.070536e+07
TOF MULT
TOF tray

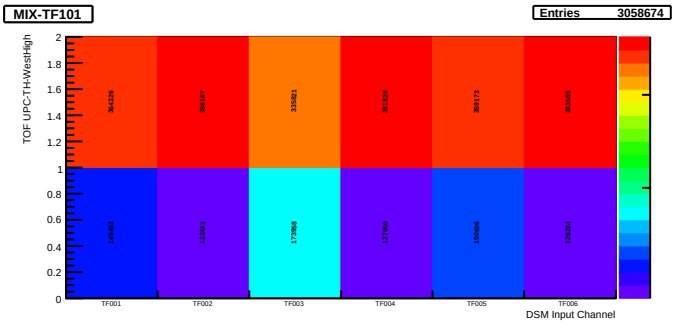

MIX-TF006
Entries 1.070536e+07
TOF MULT
TOF tray

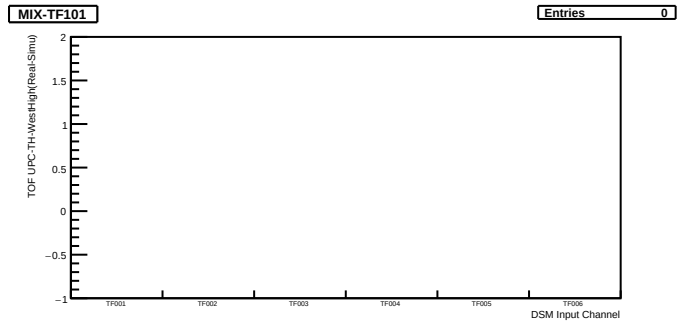

MIX-TF101
Entries 3058674
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

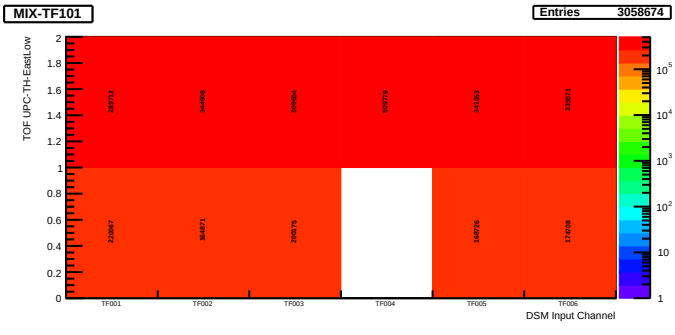

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

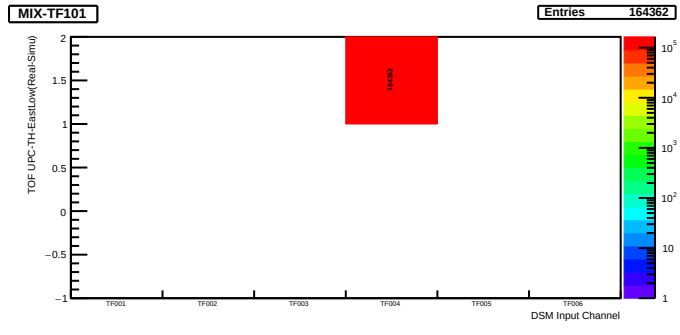

MIX-TF101
Entries 3058674
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

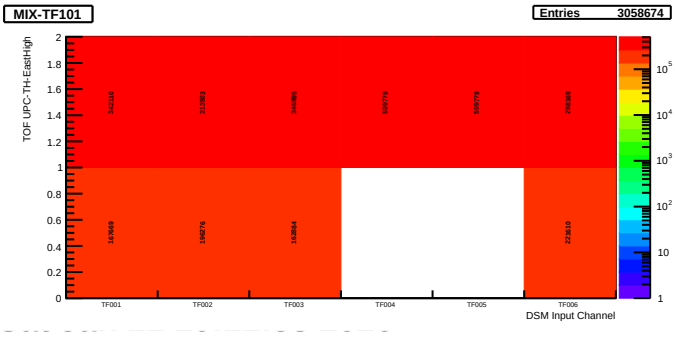

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

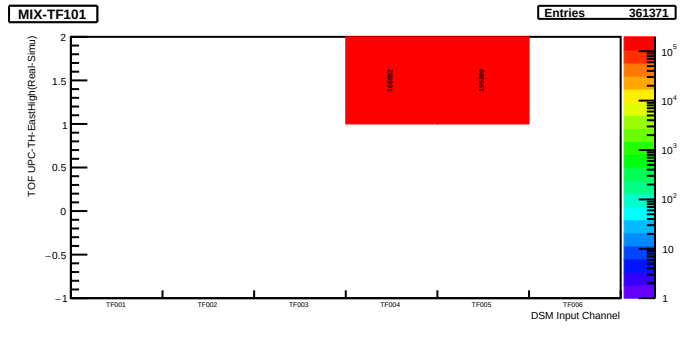

MIX-TF101
Entries 3058674
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

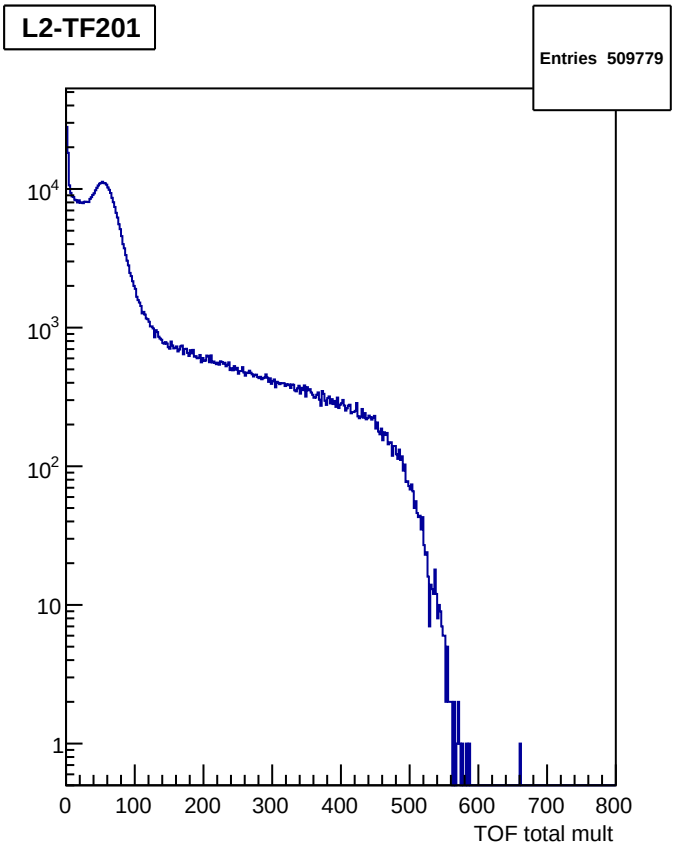

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

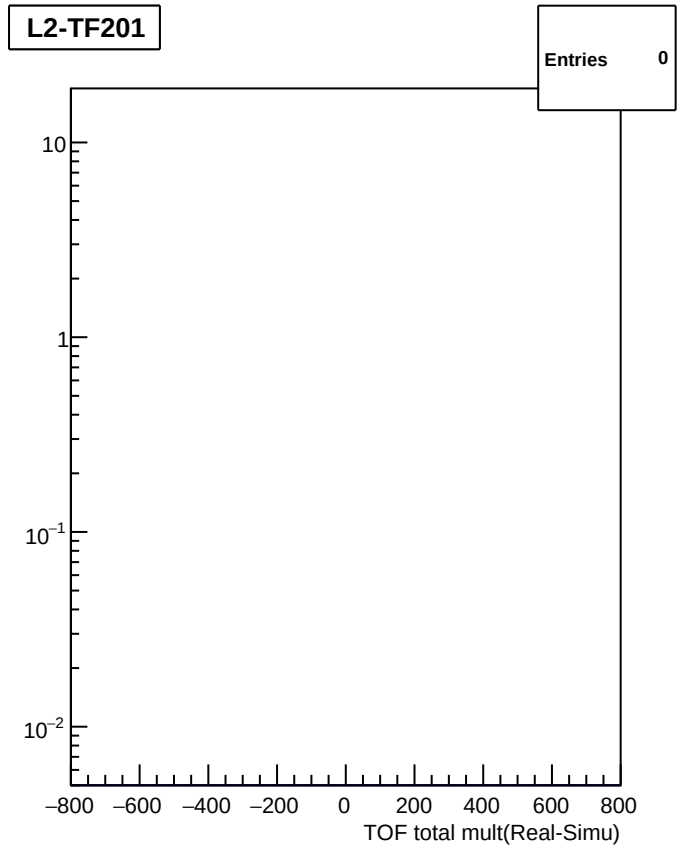

MIX-TF101
Entries 3058674
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

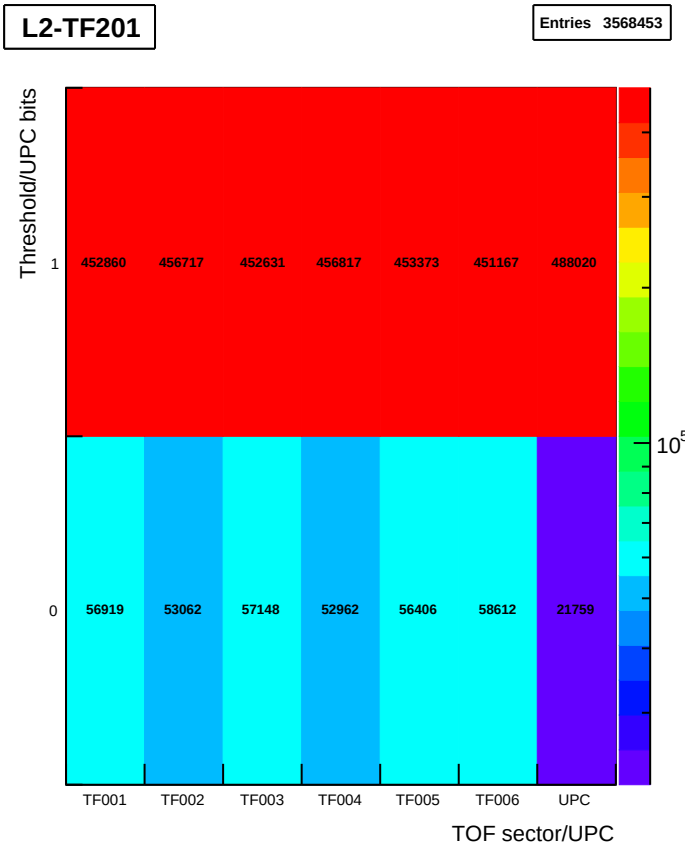

MIX-TF101
Entries 164362
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

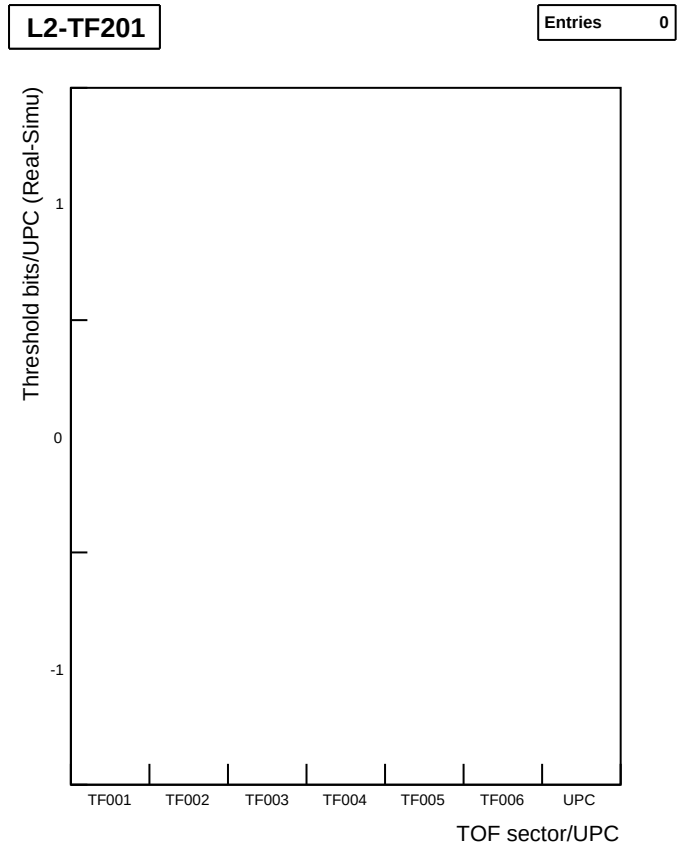

MIX-TF101
Entries 3058674
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

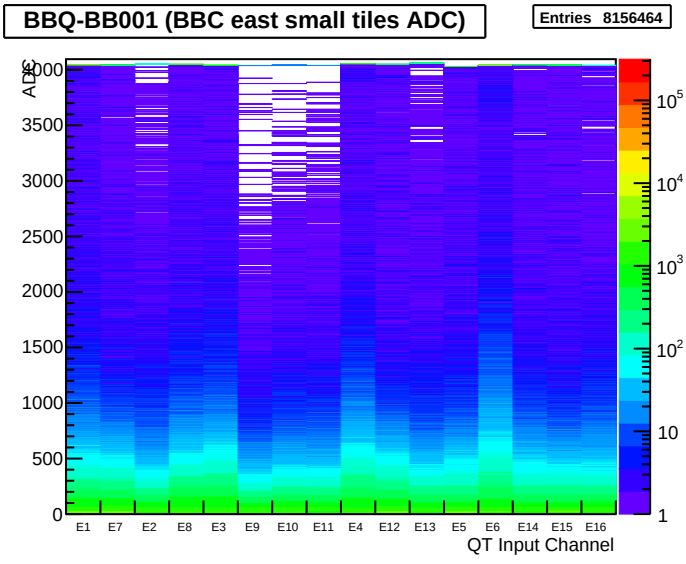

MIX-TF101
Entries 361371
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

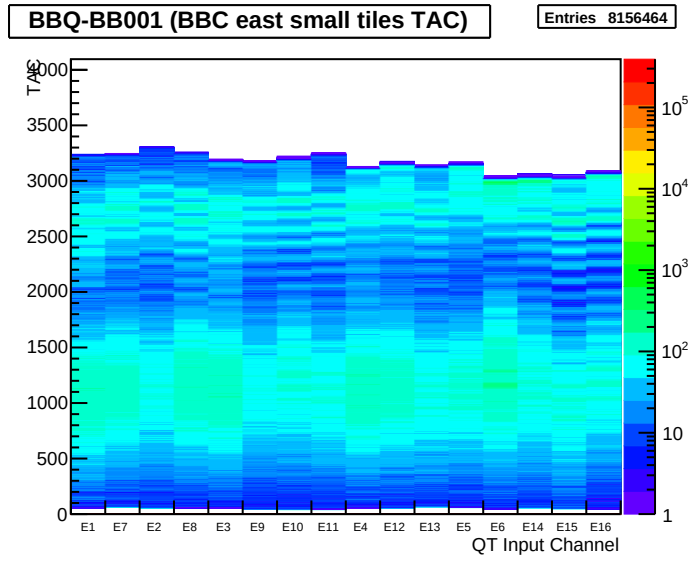

L2-TF201
Entries 509779
TOF total mult

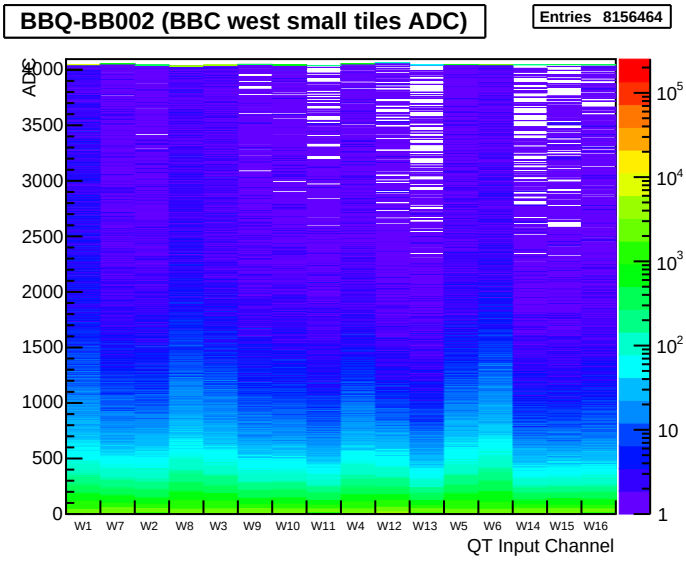

L2-TF201
Entries 0
TOF total mult(Real-Simu)

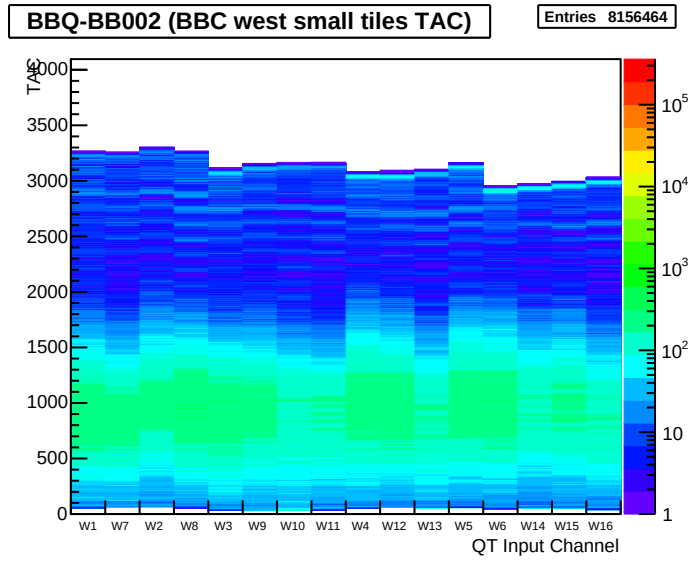

L2-TF201
Entries 3568453
Threshold/UPC bits
452860
456717
452631
456817
453373
451167
488020
56919
53062
57148
52962
56406
58612
21759
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

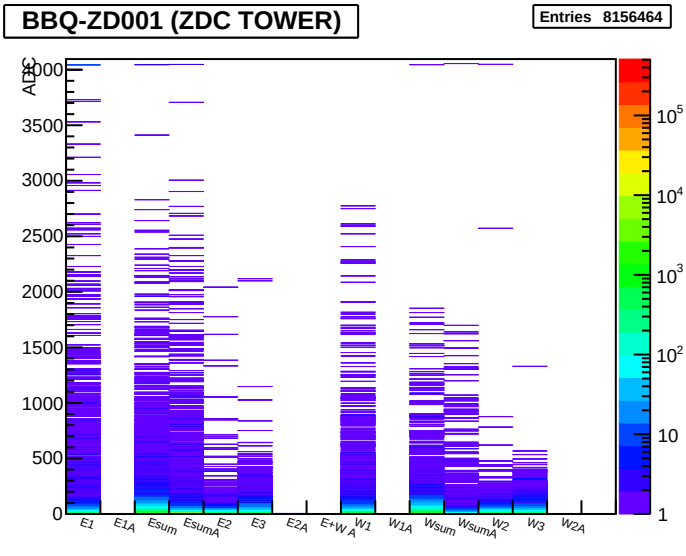

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

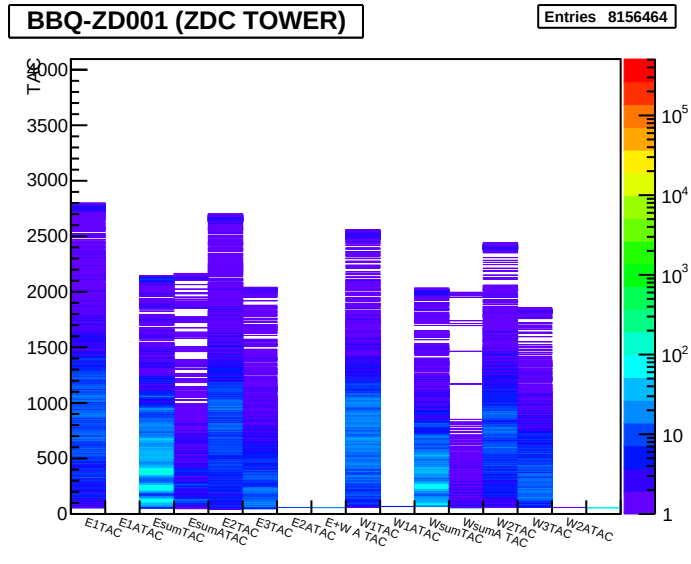

BBQ-BB001 (BBC east small tiles ADC)
Entries 8156464
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

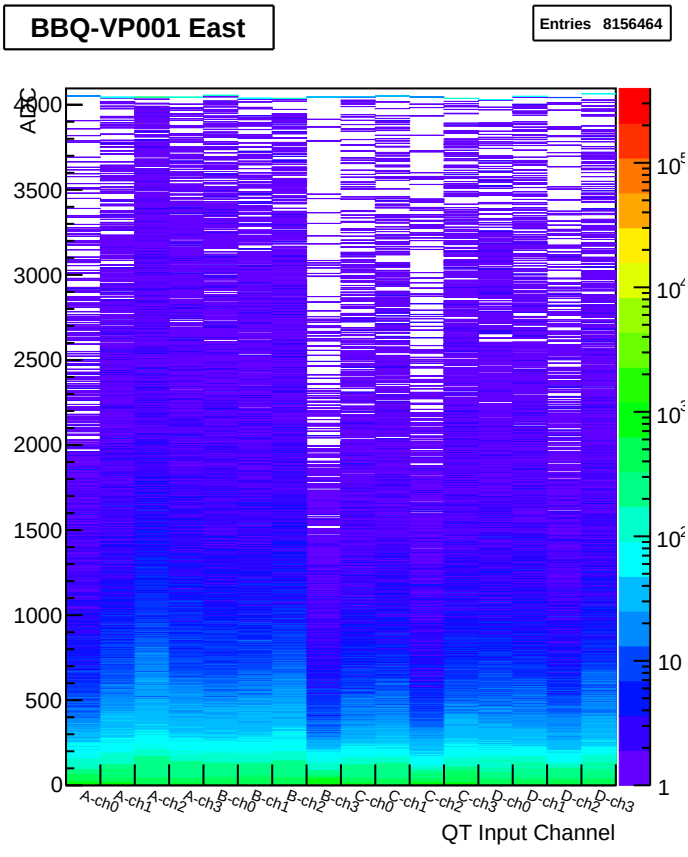

BBQ-BB001 (BBC east small tiles TAC)
Entries 8156464
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

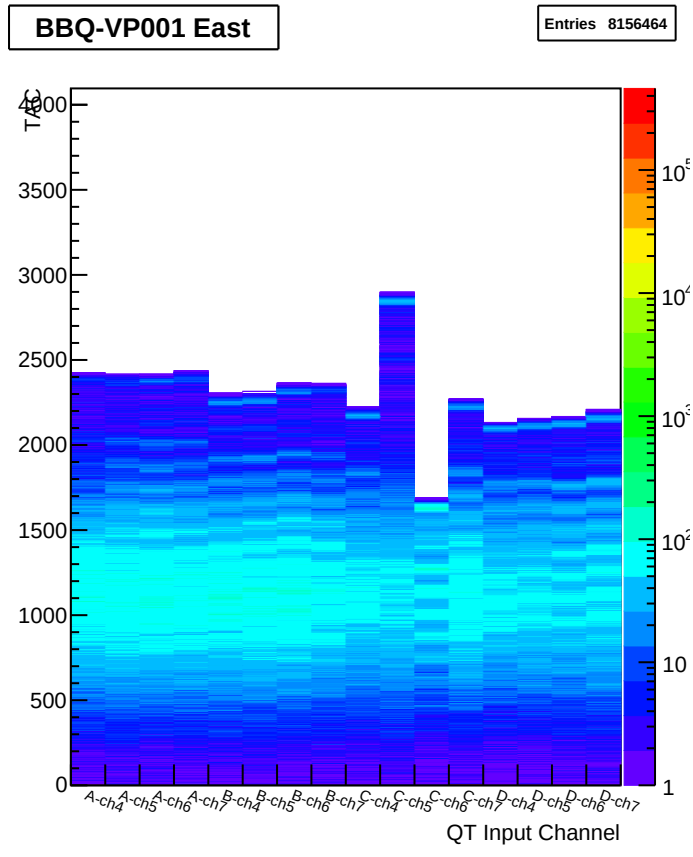

BBQ-BB002 (BBC west small tiles ADC)
Entries 8156464
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

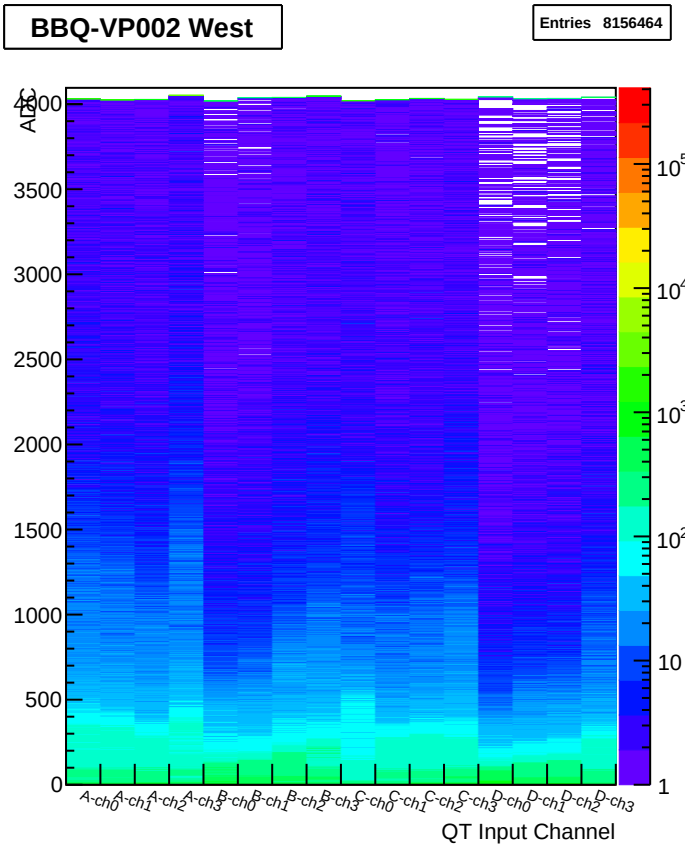

BBQ-BB002 (BBC west small tiles TAC)
Entries 8156464
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

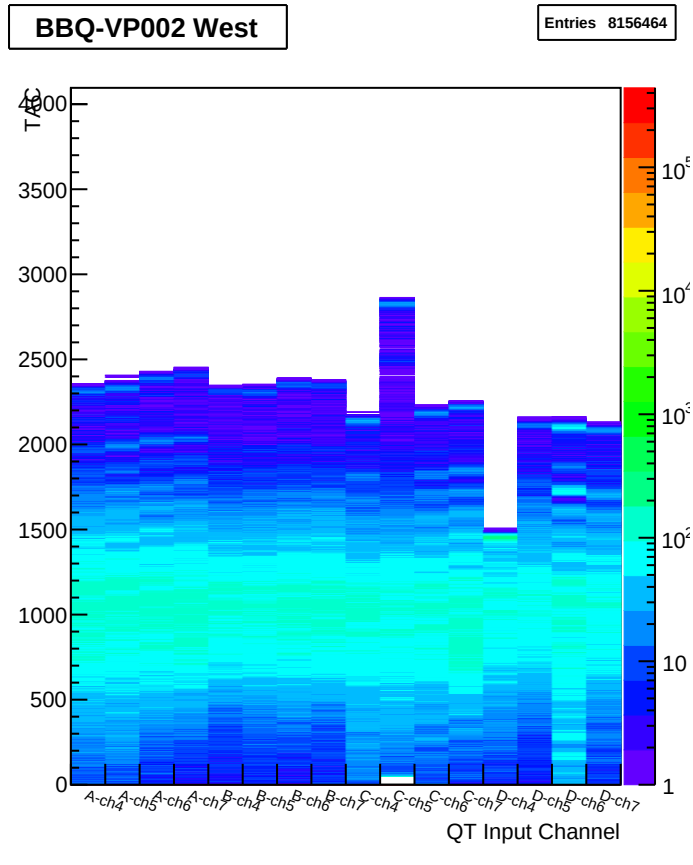

BBQ-ZD001 (ZDC TOWER)
Entries 8156464
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

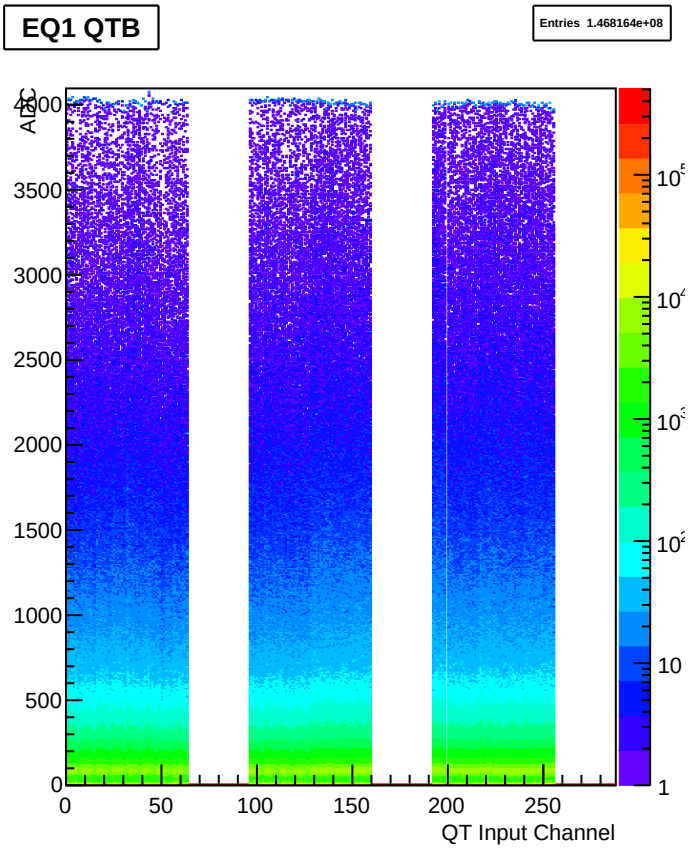

BBQ-ZD001 (ZDC TOWER)
Entries 8156464
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

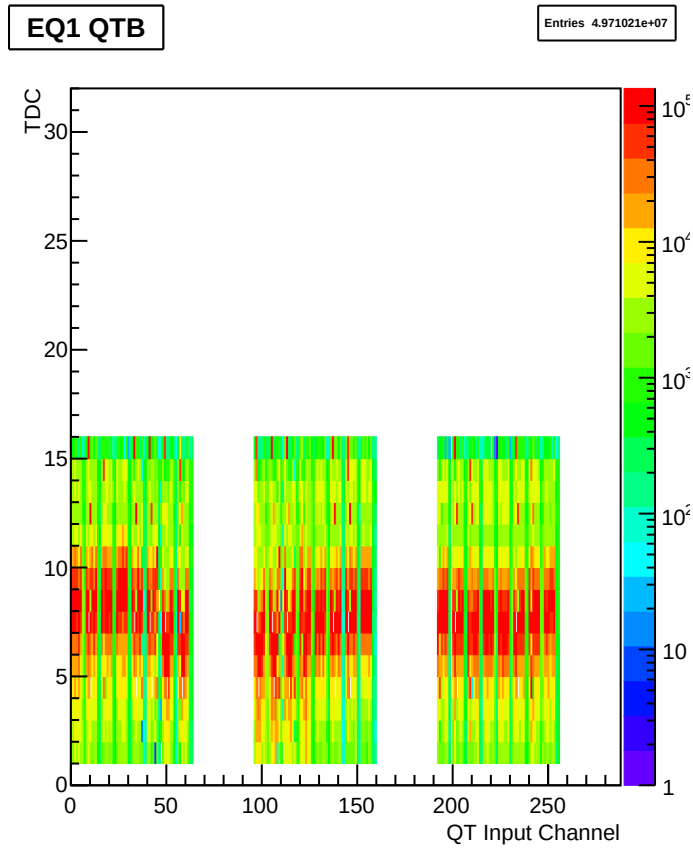

BBQ-VP001 East
Entries 8156464
ADC
QT Input Channel

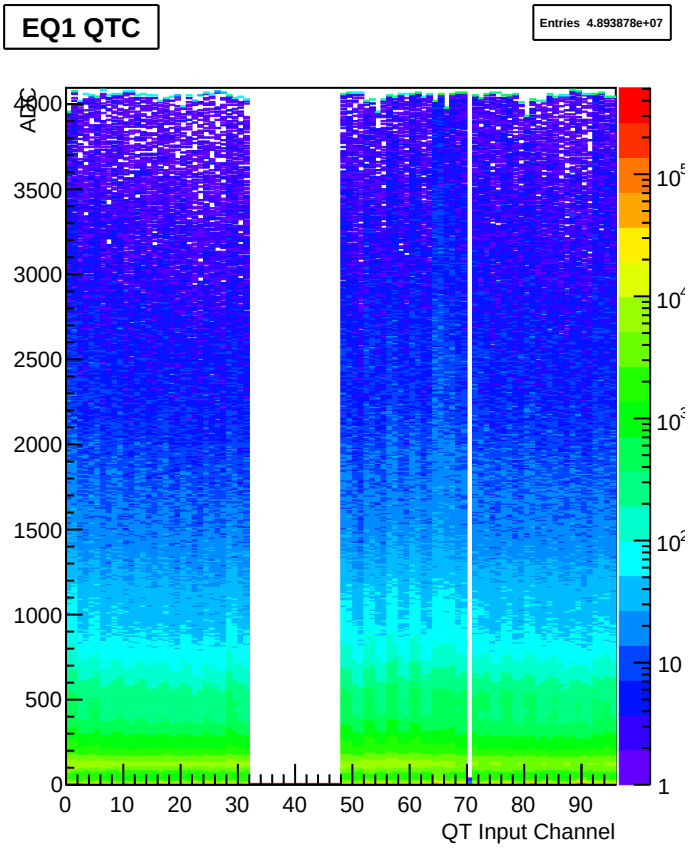

BBQ-VP001 East
Entries 8156464
TAC
QT Input Channel

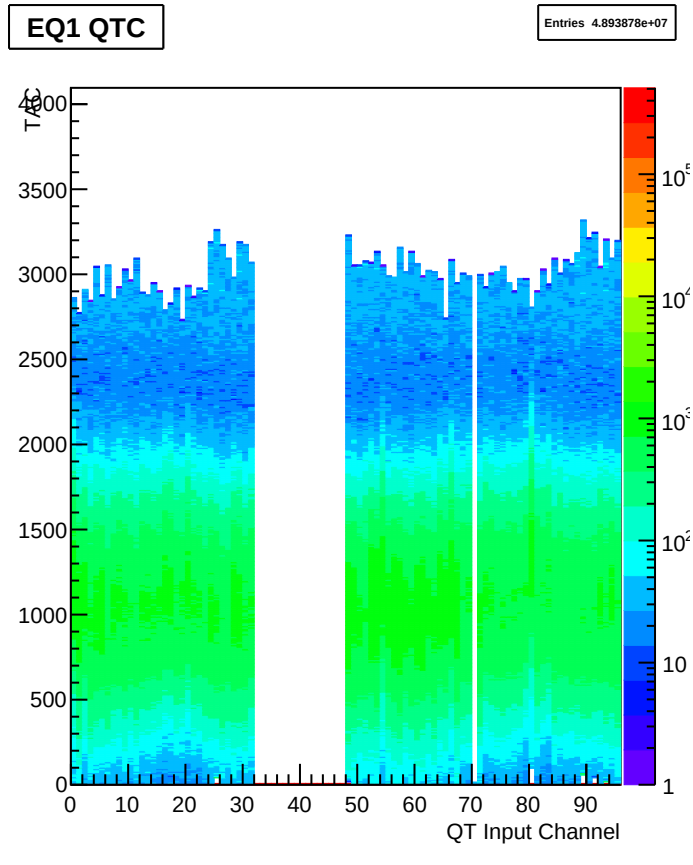

BBQ-VP002 West
Entries 8156464
ADC
QT Input Channel

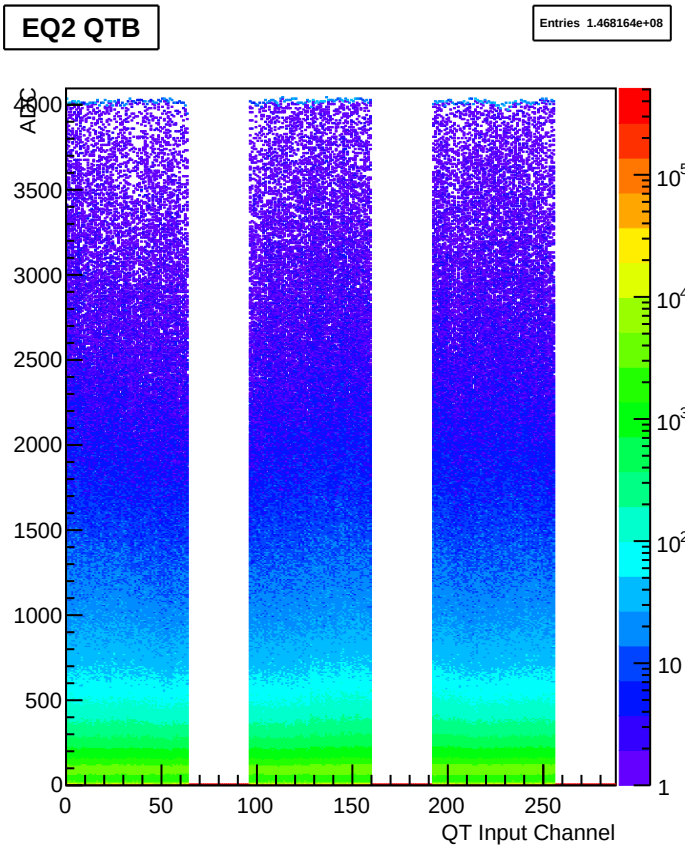

BBQ-VP002 West
Entries 8156464
TAC
QT Input Channel

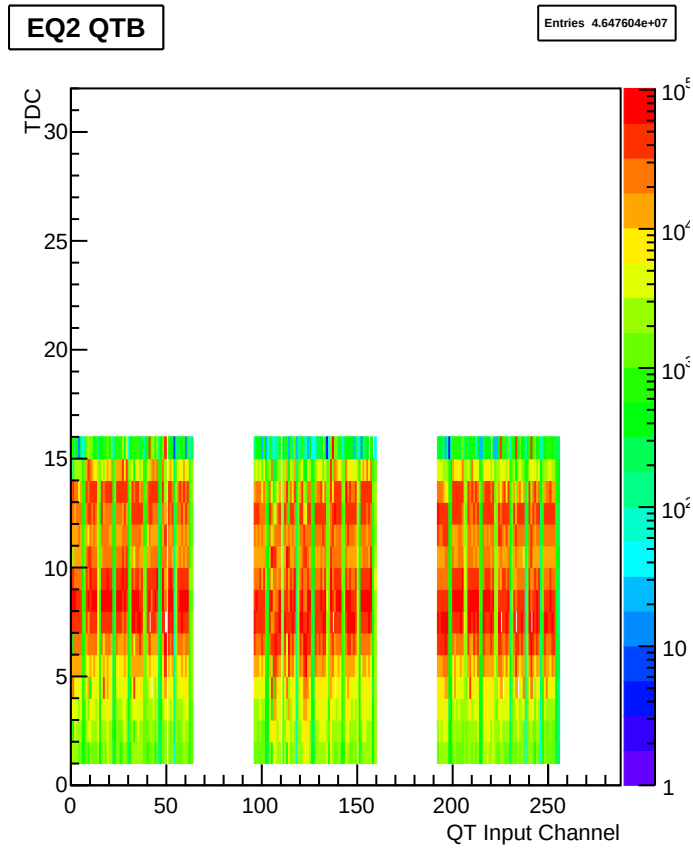

EQ1 QTB
Entries 1.468164e+08
ADC
QT Input Channel

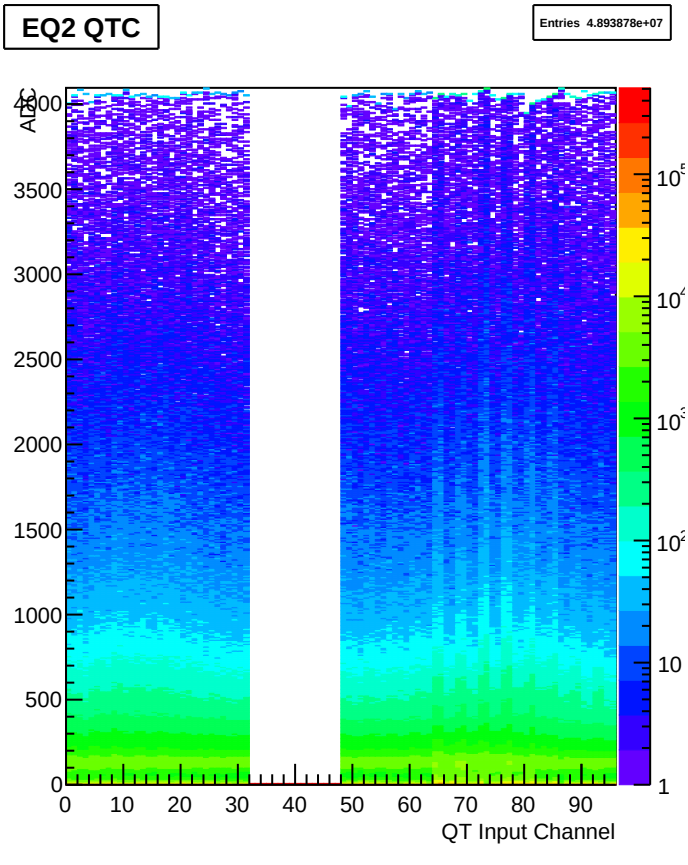

EQ1 QTB
Entries 4.971021e+07
TDC
QT Input Channel

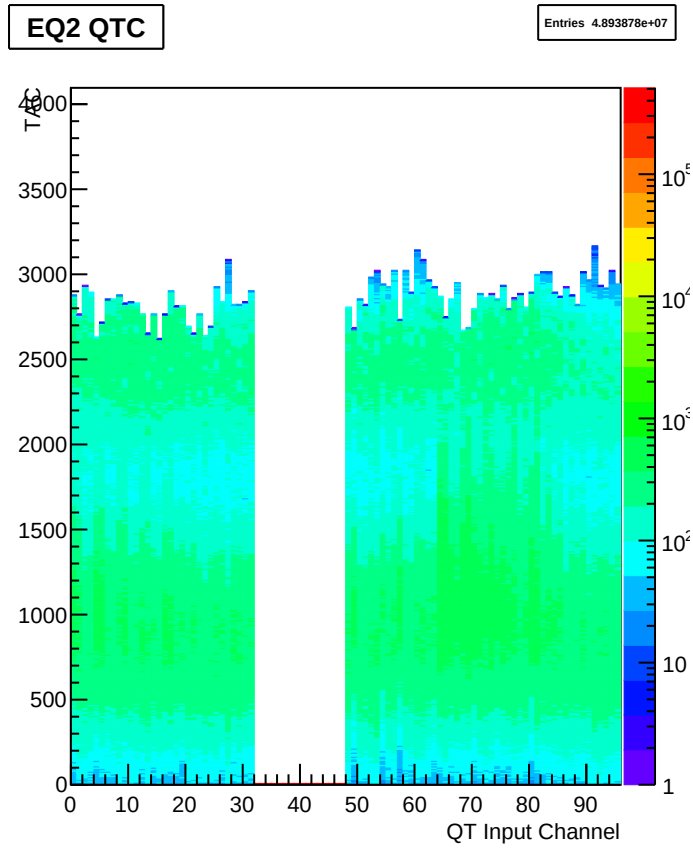

EQ1 QTC
Entries 4.893878e+07
ADC
QT Input Channel

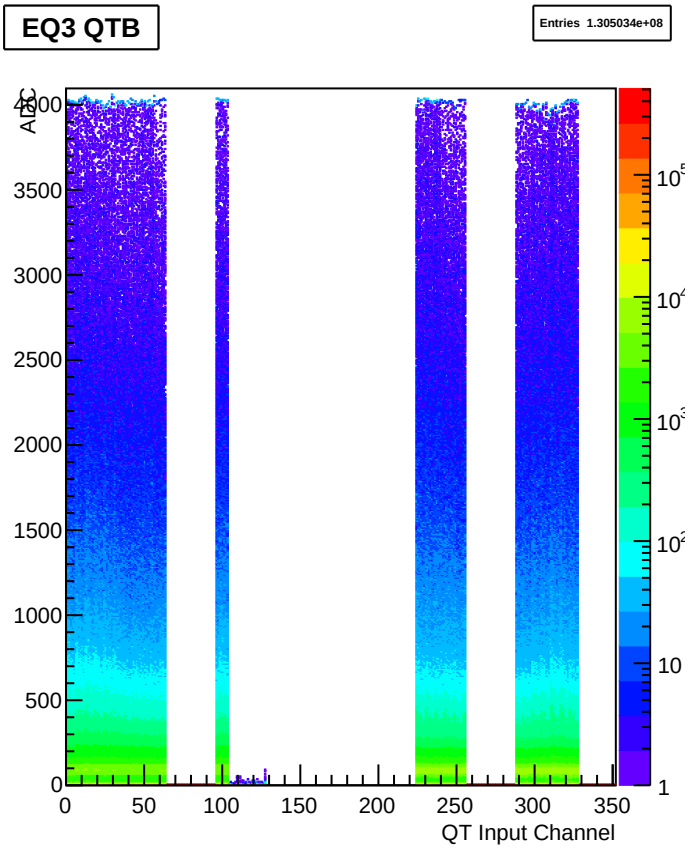

EQ1 QTC
Entries 4.893878e+07
TADC
QT Input Channel

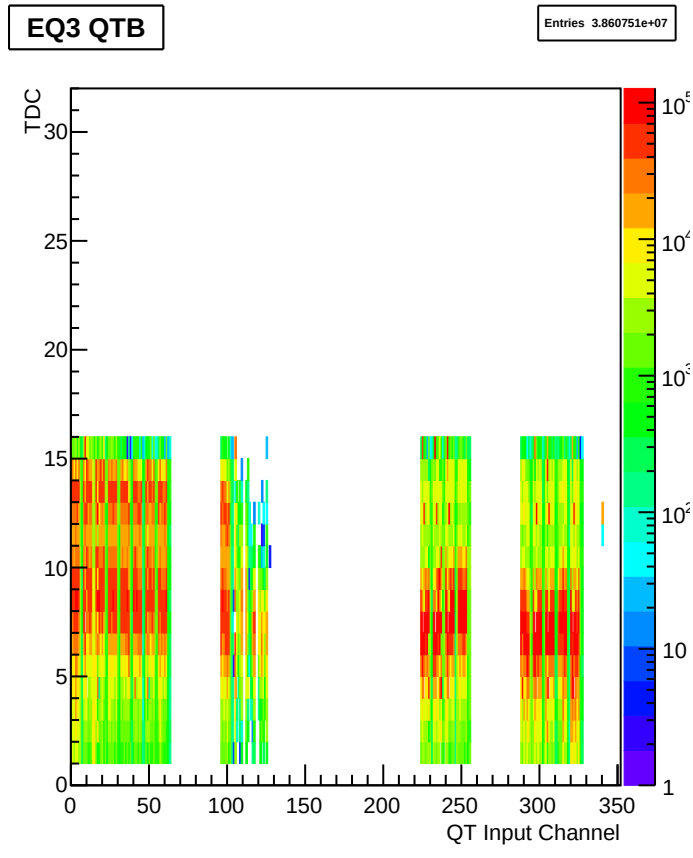

EQ2 QTB
Entries 1.468164e+08
ADC
QT Input Channel

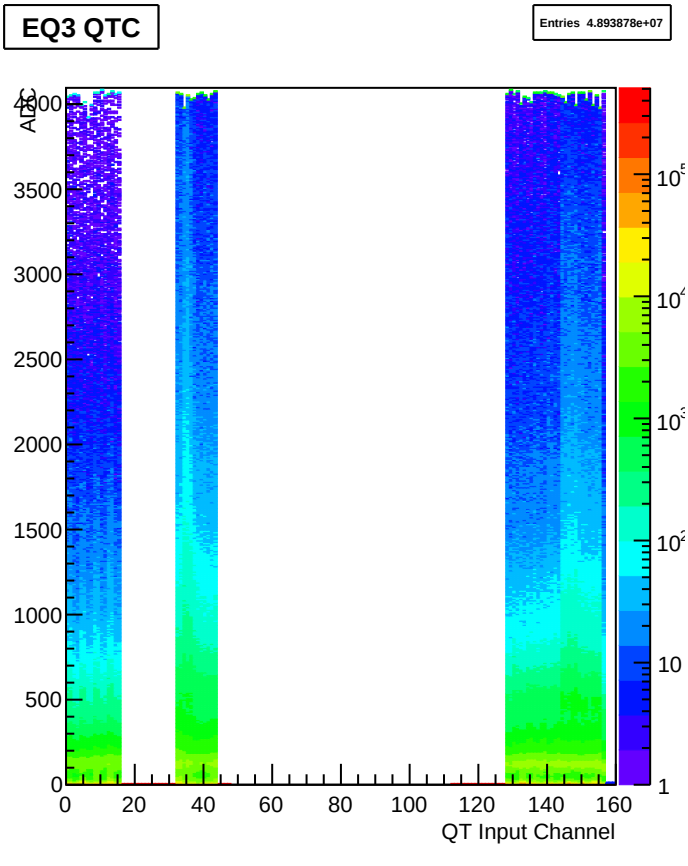

EQ2 QTB
Entries 4.647604e+07
TDC
QT Input Channel

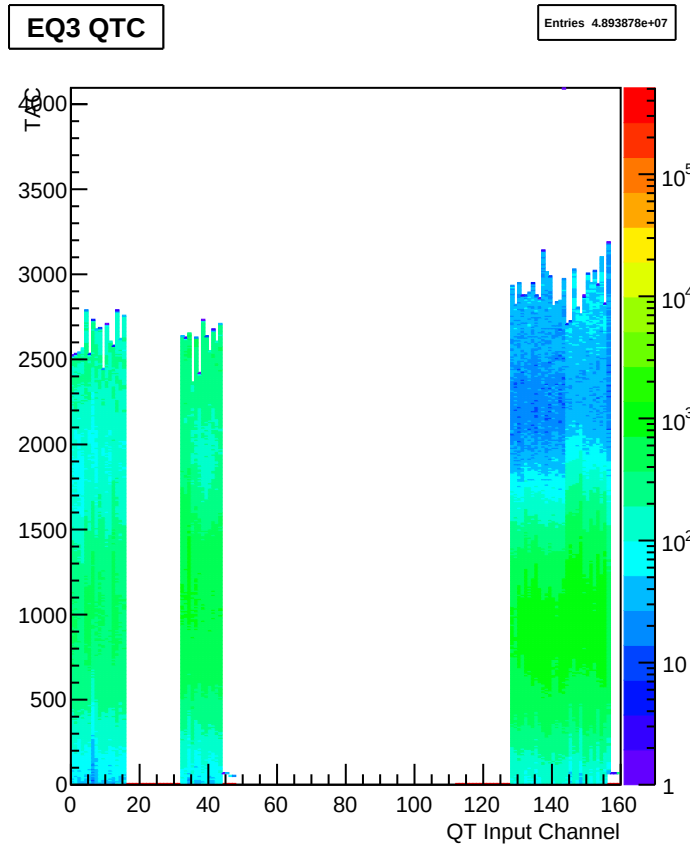

EQ2 QTC
Entries 4.893878e+07
ADC
QT Input Channel

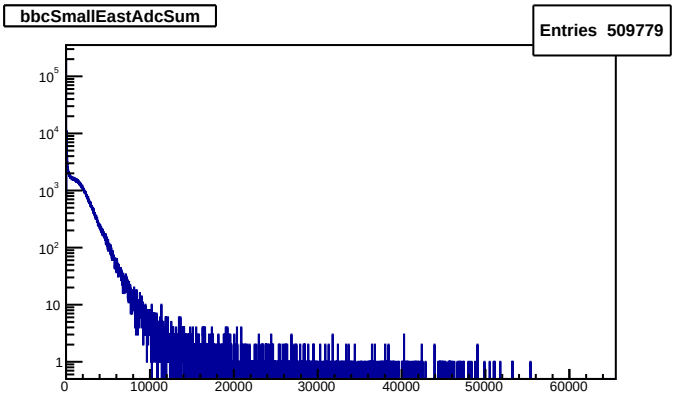

EQ2 QTC
Entries 4.893878e+07
TADC
QT Input Channel

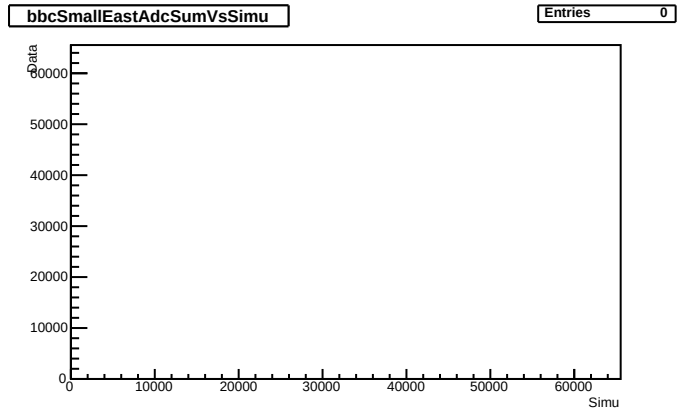

EQ3 QTB
Entries 1.305034e+08
ADC
QT Input Channel

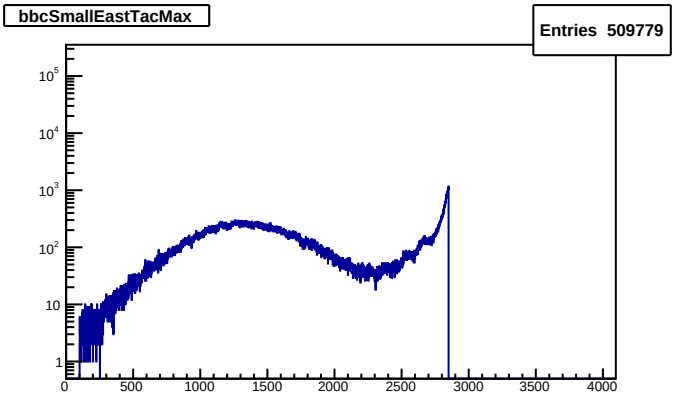

EQ3 QTB
Entries 3.860751e+07
TDC
QT Input Channel

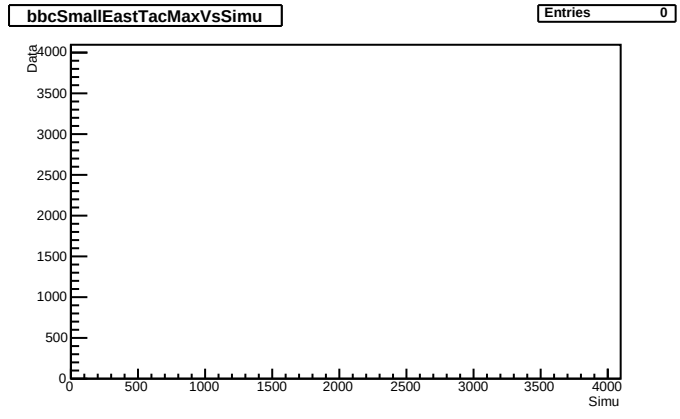

EQ3 QTC
Entries 4.893878e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.893878e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 509779


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 509779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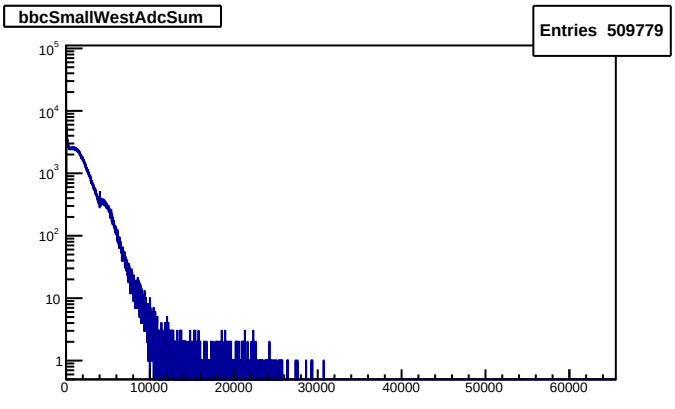
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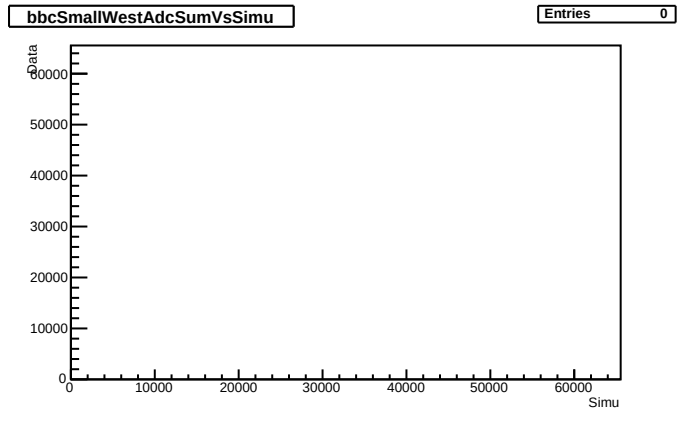
Entries 509779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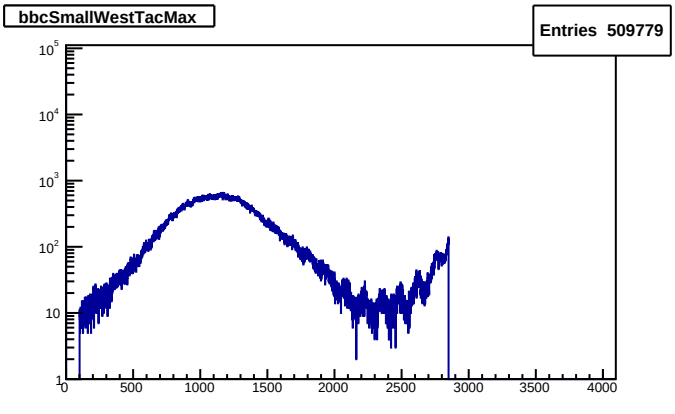
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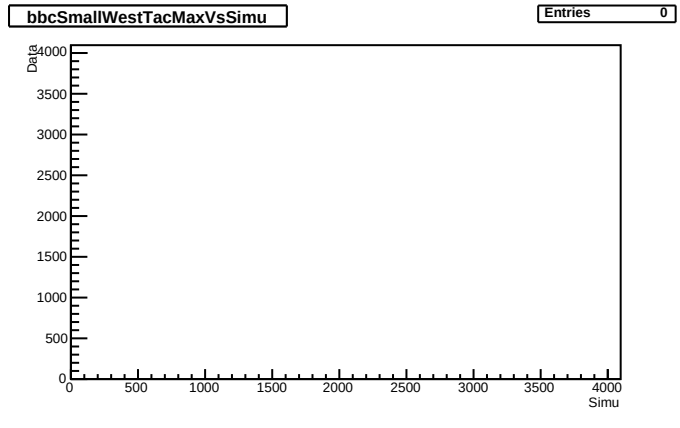
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Entries 0
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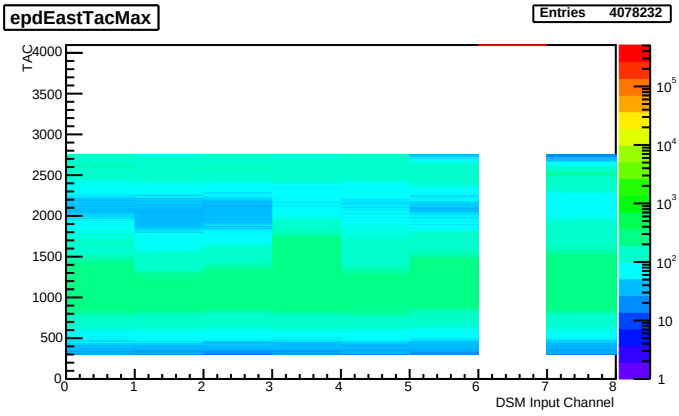
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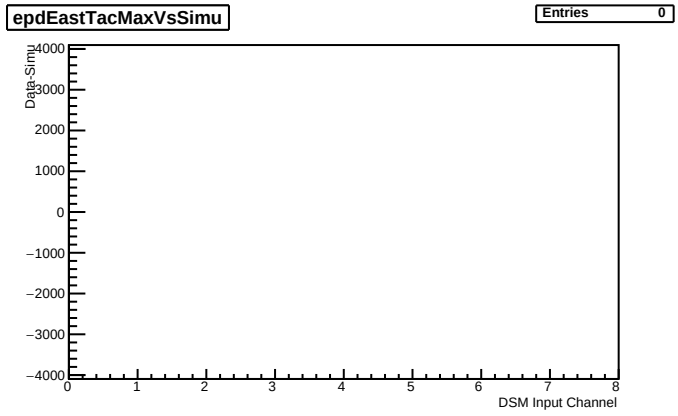
Entries 4078232
TAC
DSM Input Channel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Data-Simu
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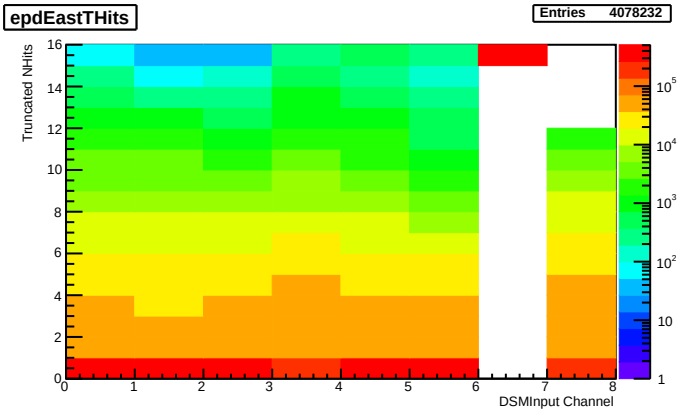
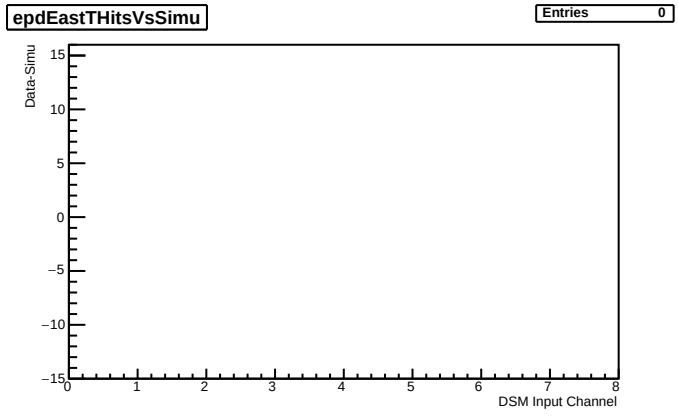

epdEastTHits
Entries 4078232
Truncated NHits
DSMInput Channel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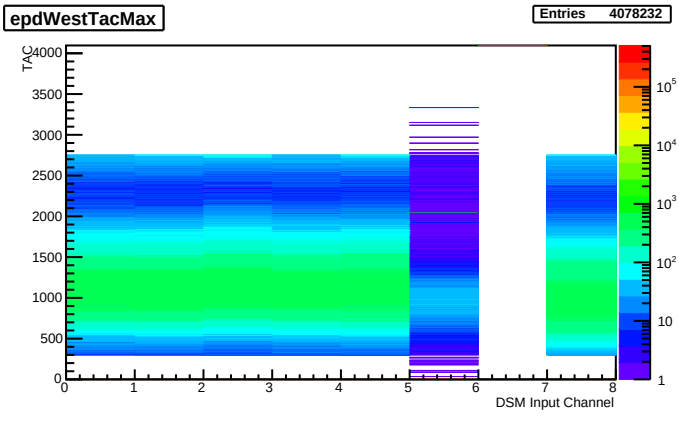
DSM Input Channel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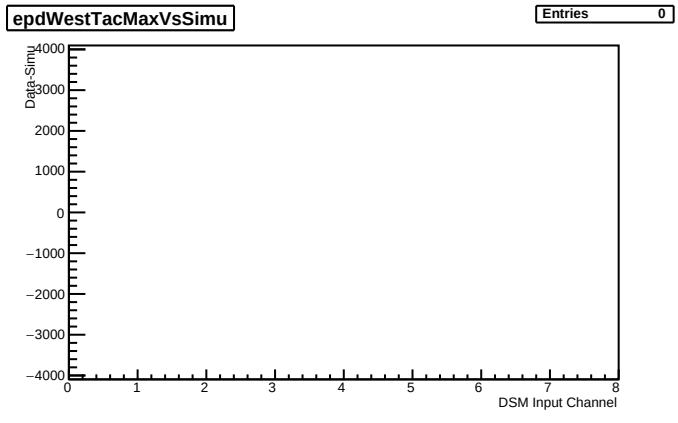
DSM Input Channel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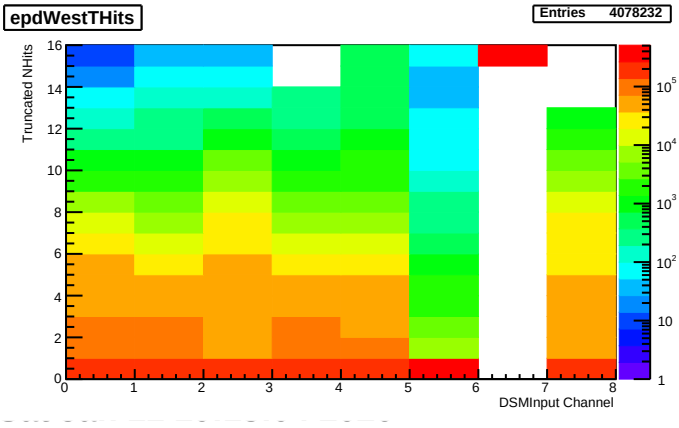
Data-Simu
DSM Input Channel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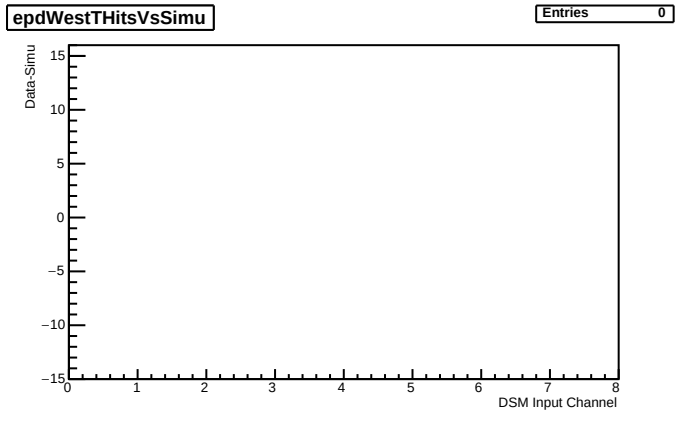
Truncated NHits
DSMInput Channel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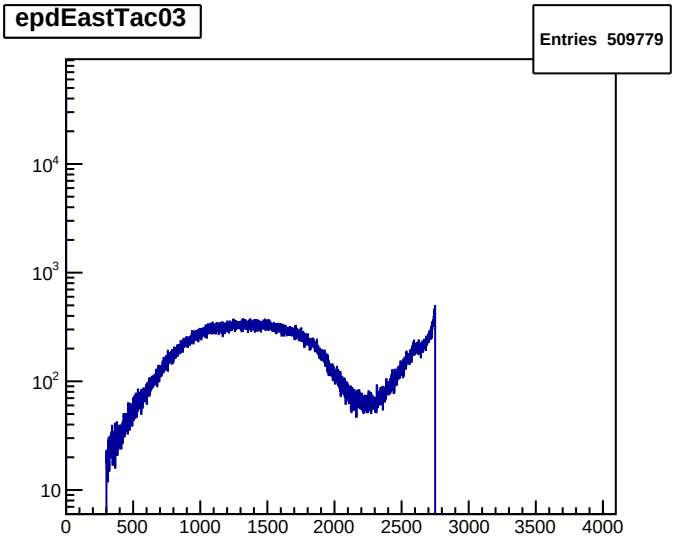
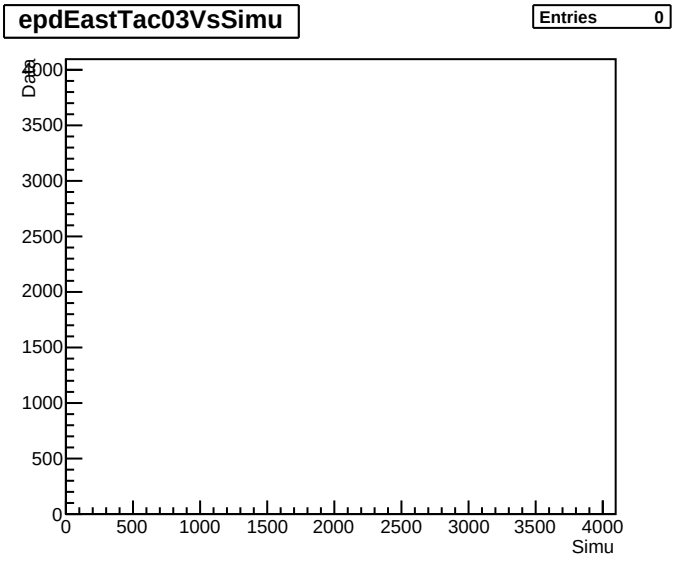
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 509779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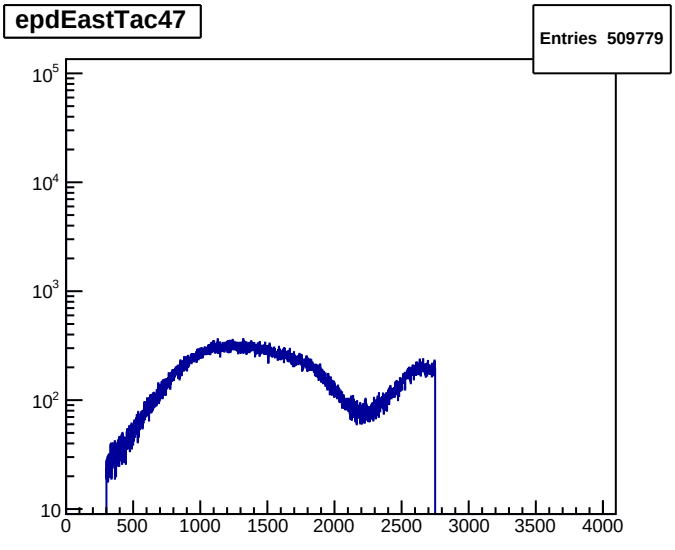
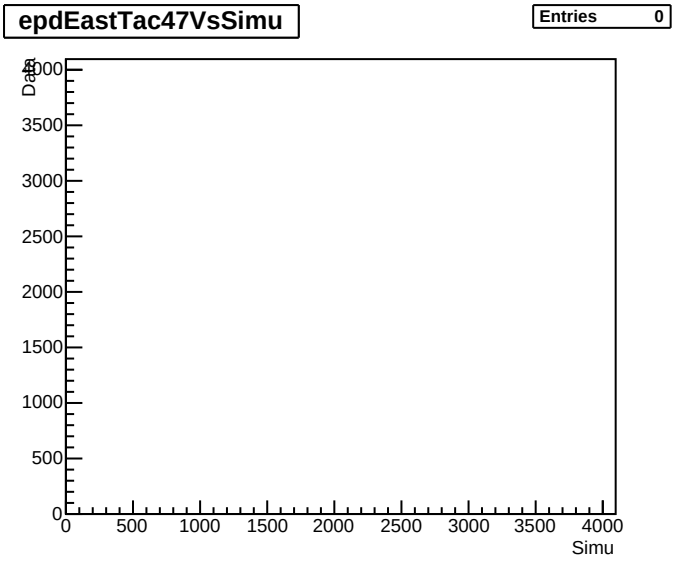
Entries 0
Data
Simu


epdEastTac47
Entries 509779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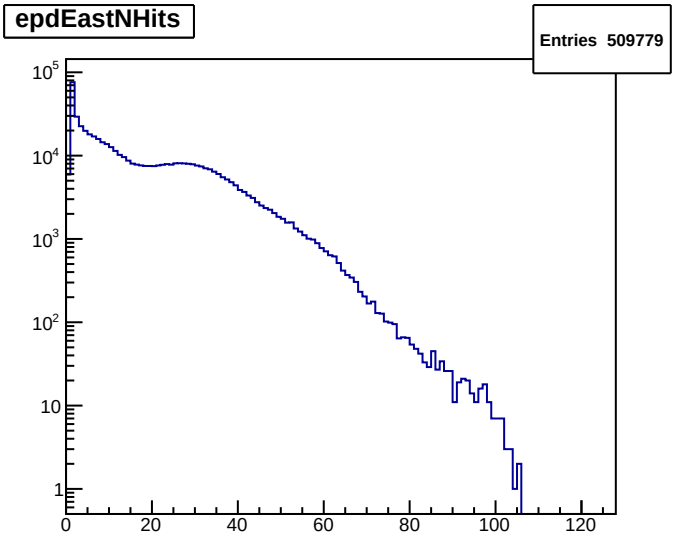
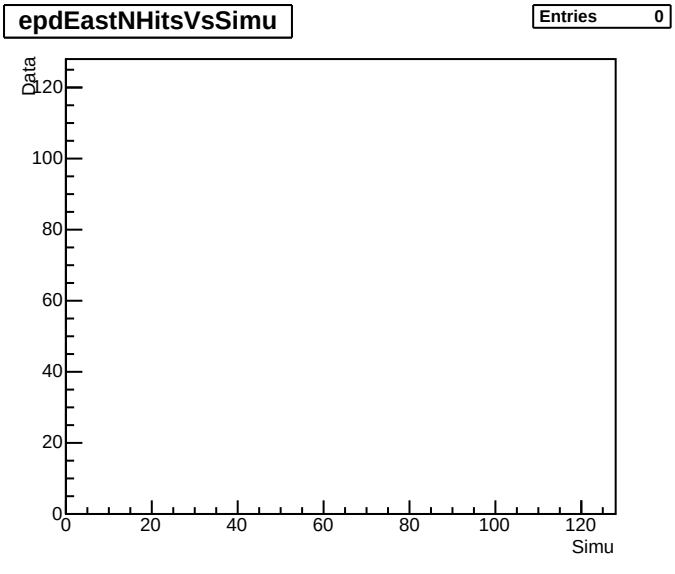
Entries 0
Data
Simu


epdEastNHits
Entries 509779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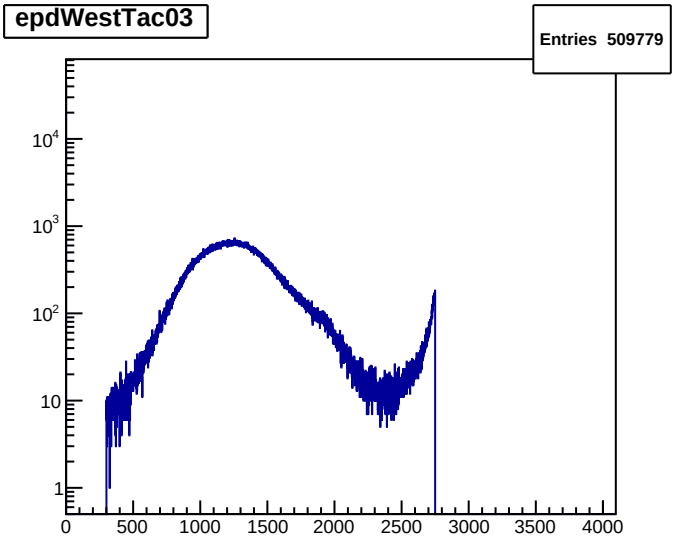
Entries 0
Data
Simu


epdWestTac03
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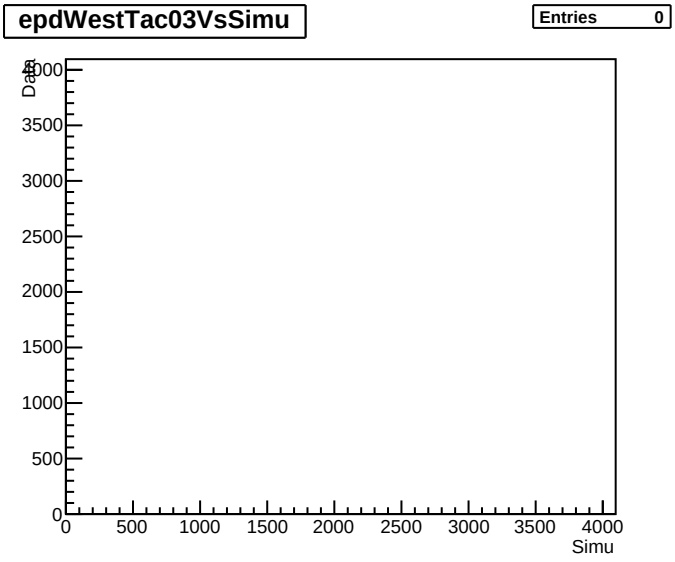
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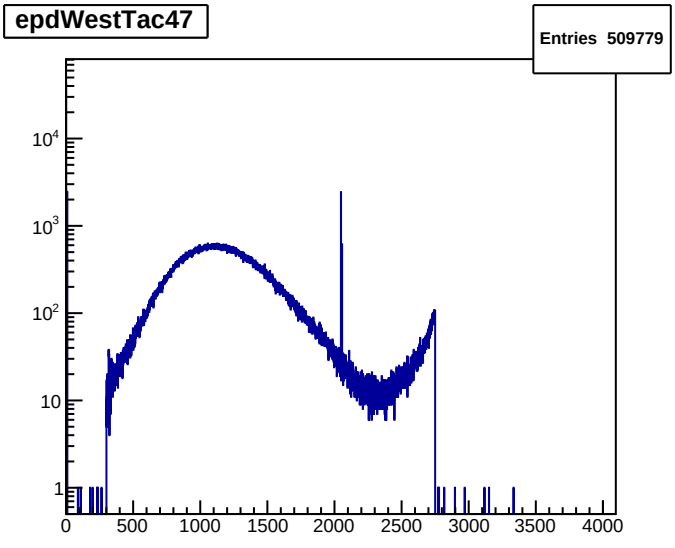
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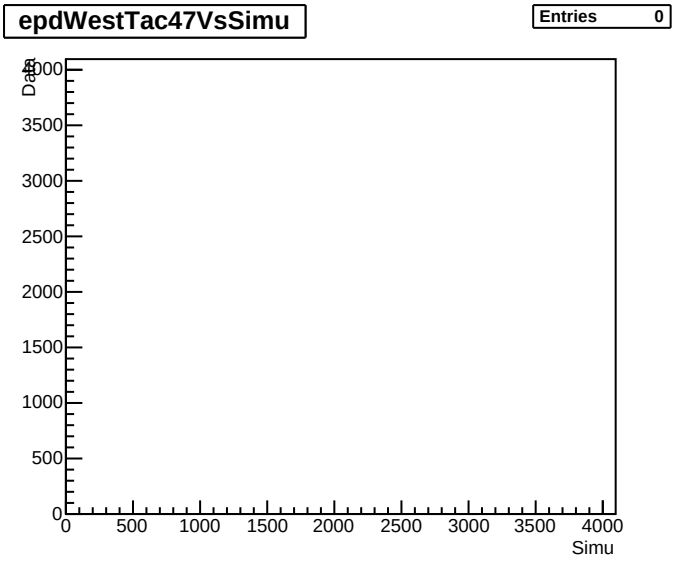
Entries 509779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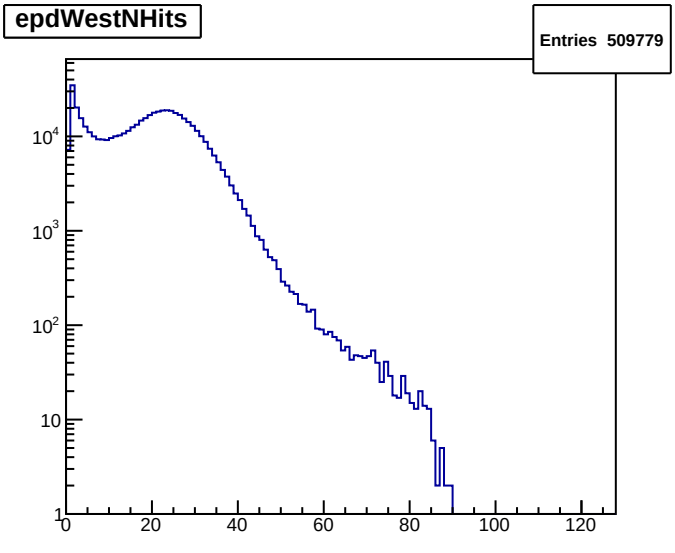
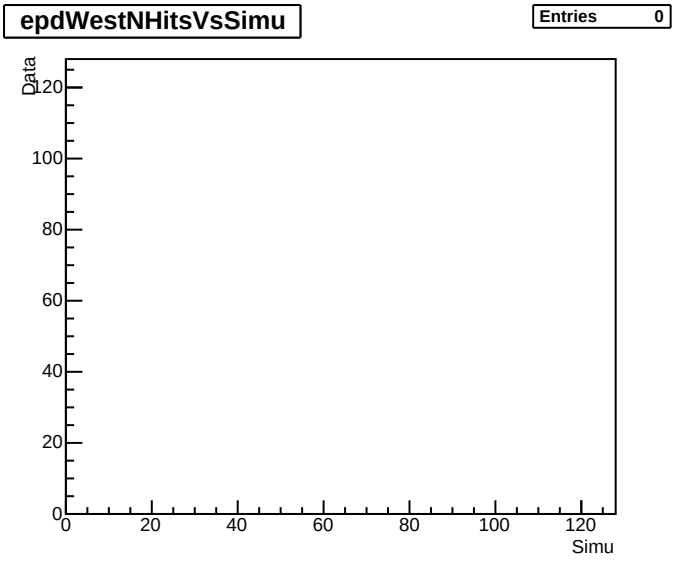
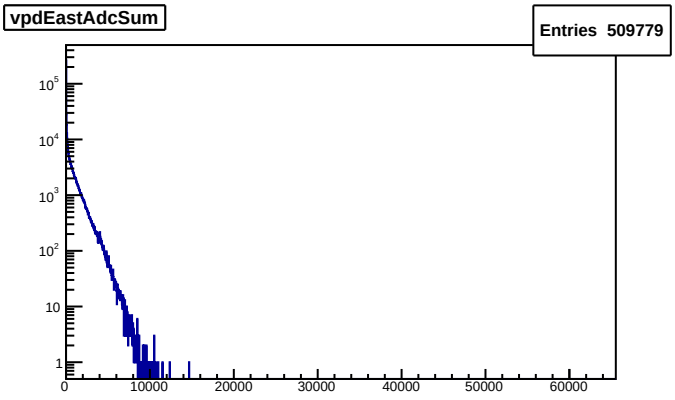
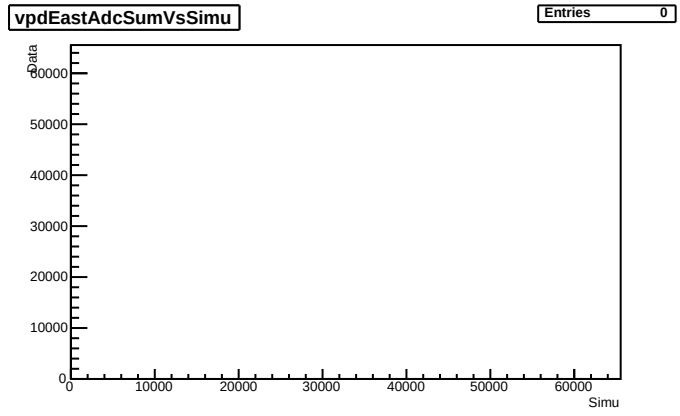
Data
Simu


epdWestNHits
Entries 509779


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 509779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Data
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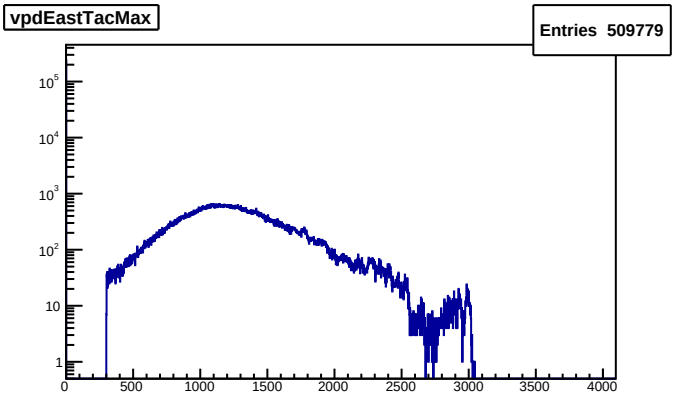
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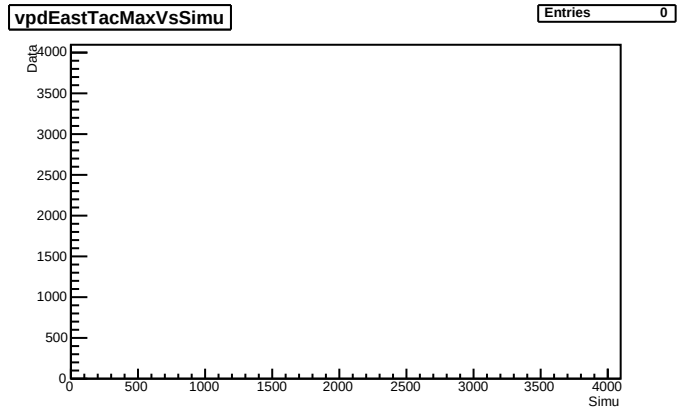
Entries 509779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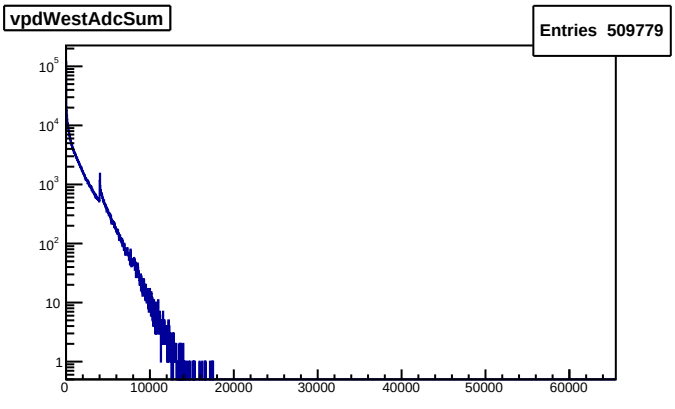
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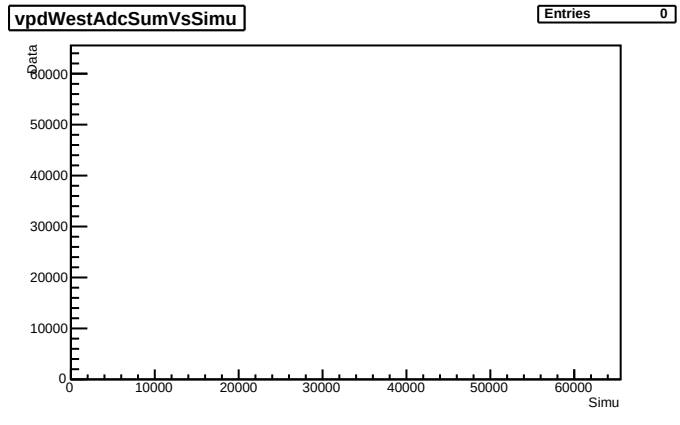
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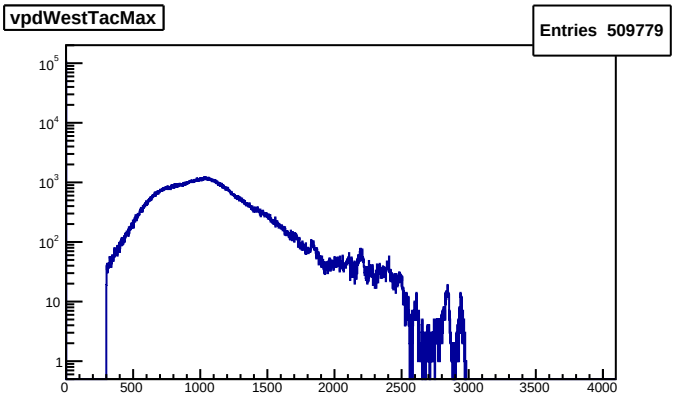
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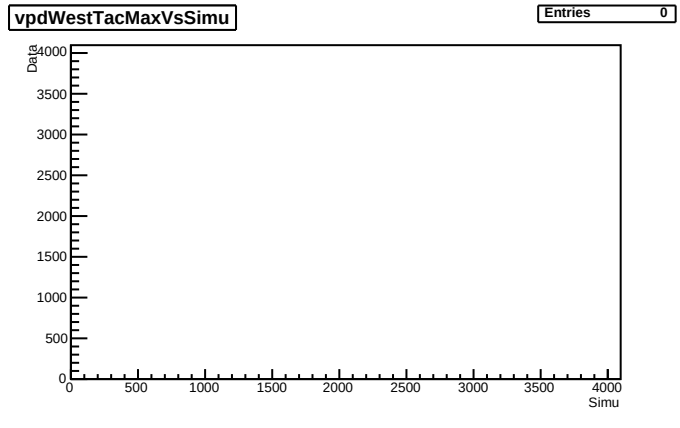
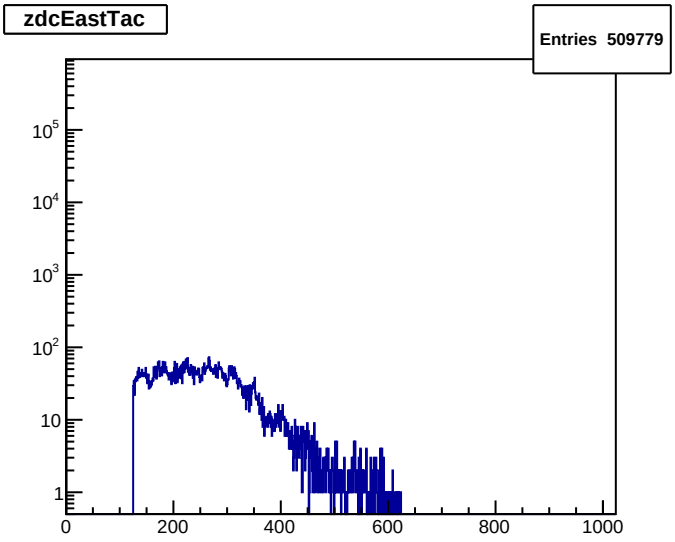
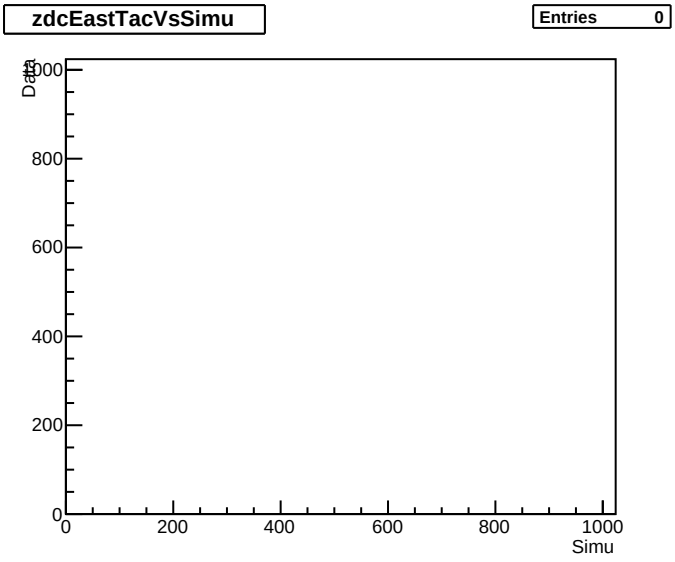
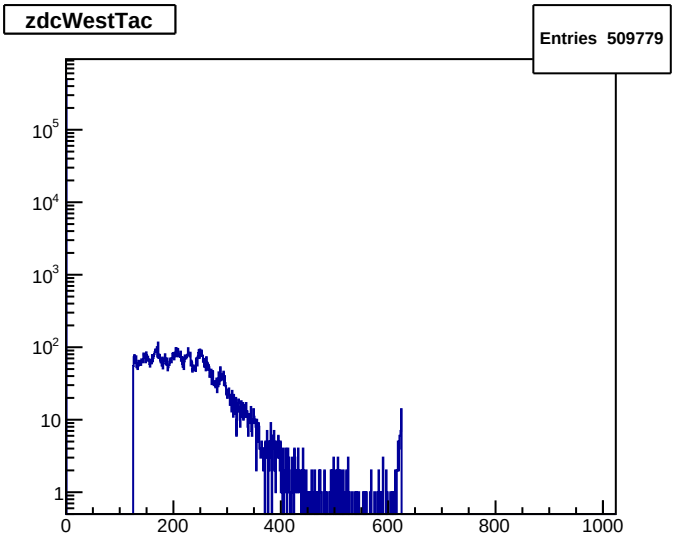
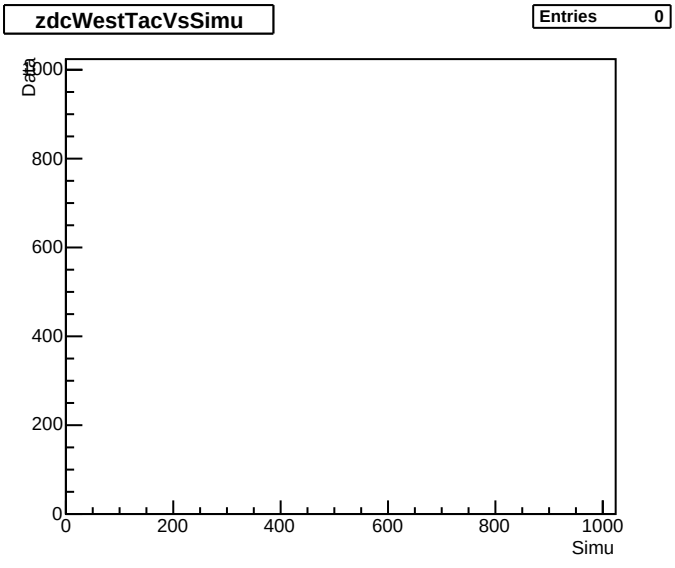
Entries 509779

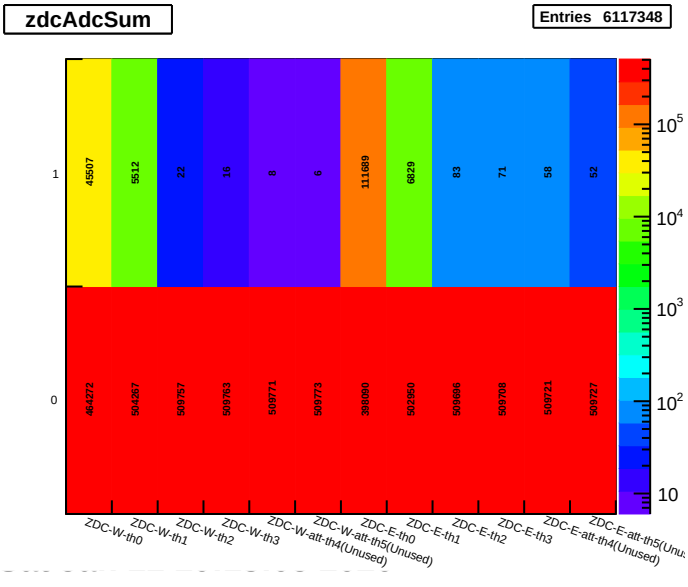

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 509779
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 509779
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 6117348
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0
45507
5512
22
16
8
6
111689
6829
83
71
58
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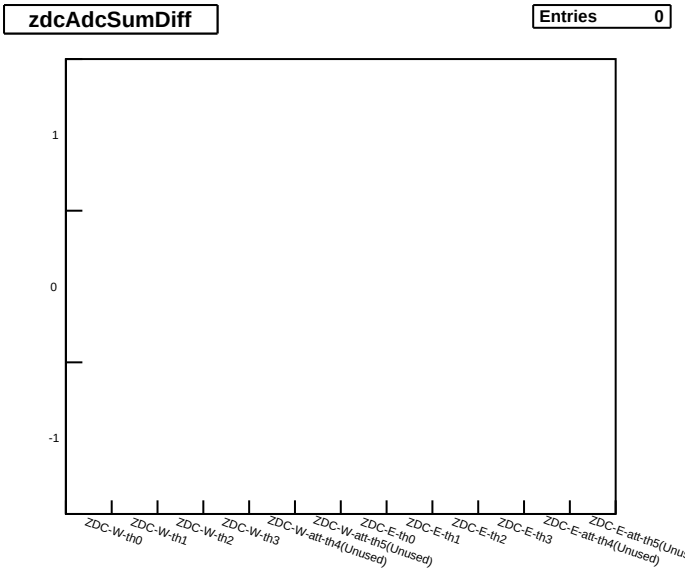
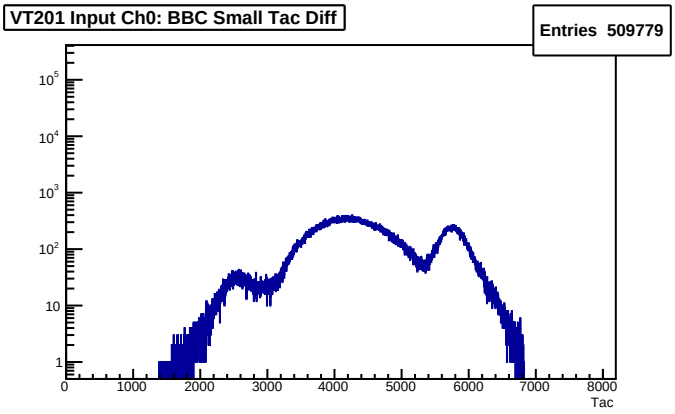
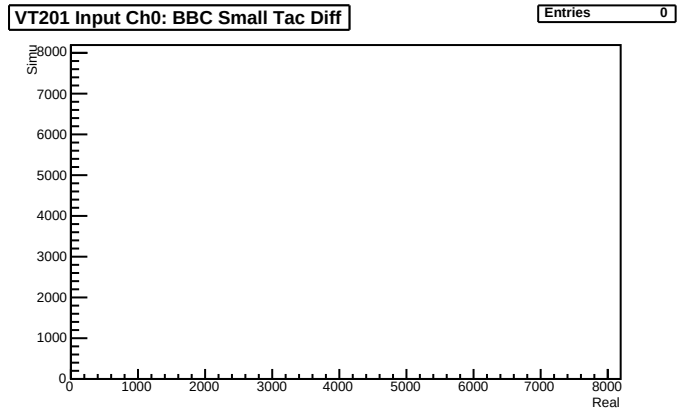
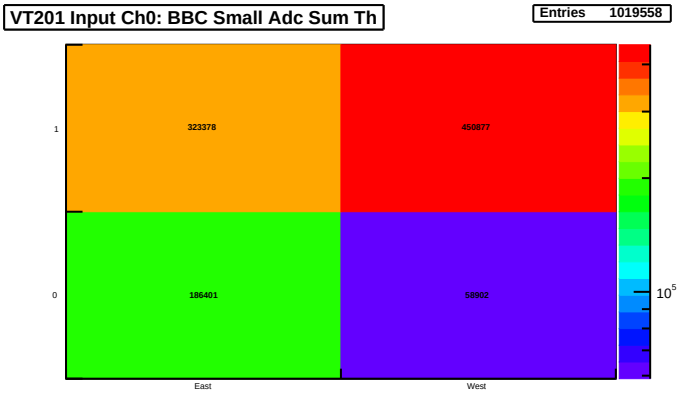
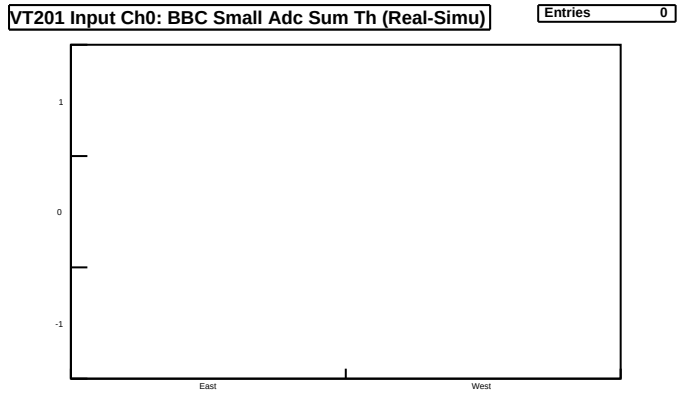
464272
504267
509757
509763
509771
509773
398090
502860
509696
509708
509721
509727
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

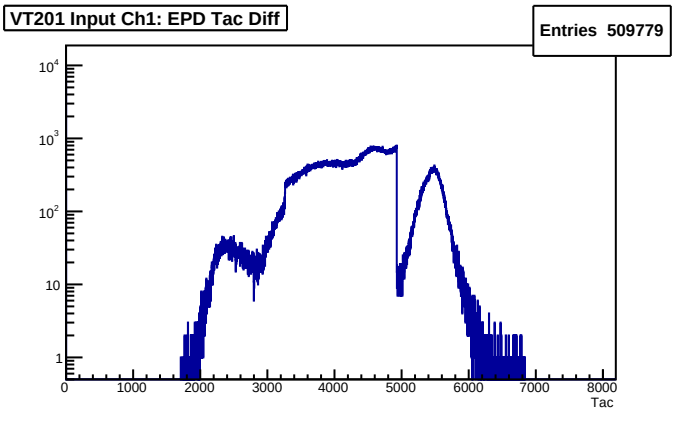

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

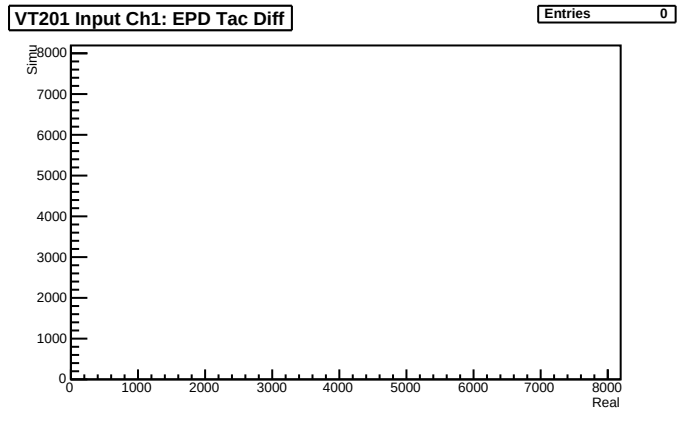

VT201 Input Ch0: BBC Small Tac Diff
Entries 509779
Tac

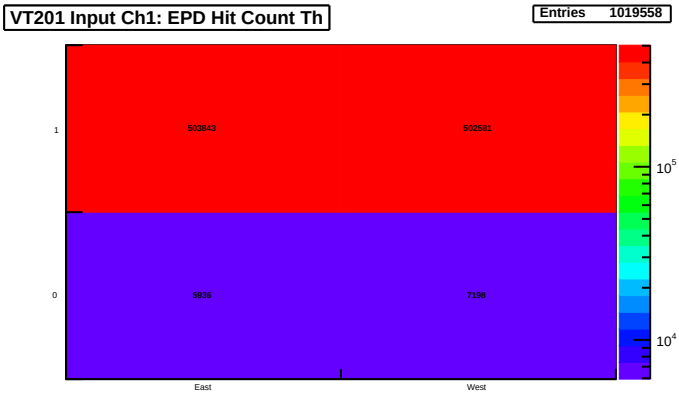

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

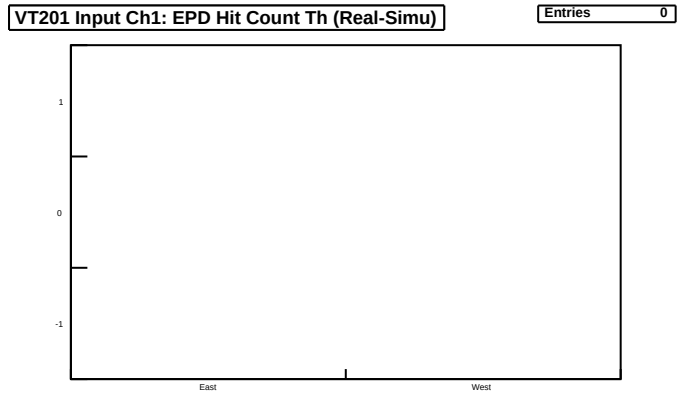

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1019558
323378
450877
186401
59902
East
West

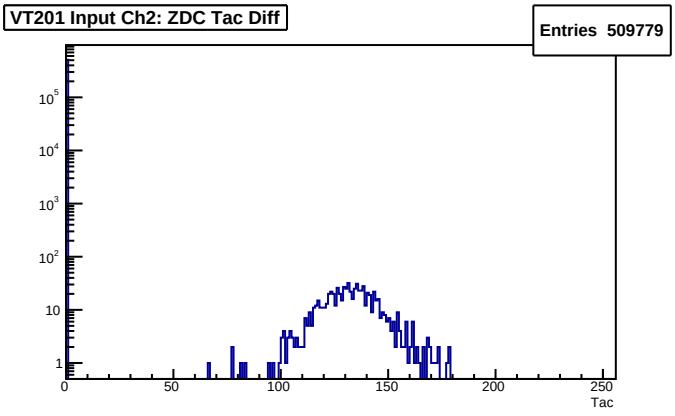

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

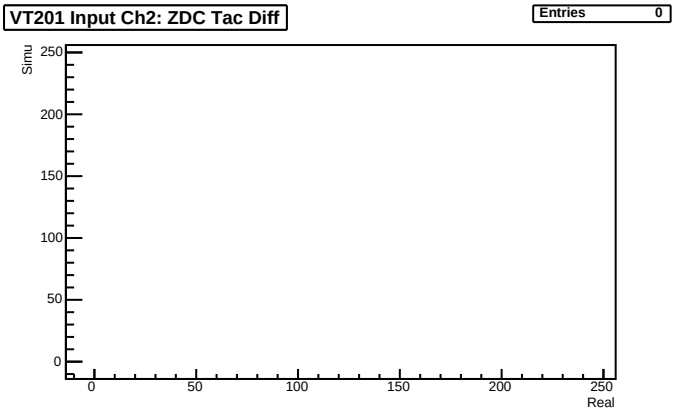

VT201 Input Ch1: EPD Tac Diff
Entries 509779
Tac

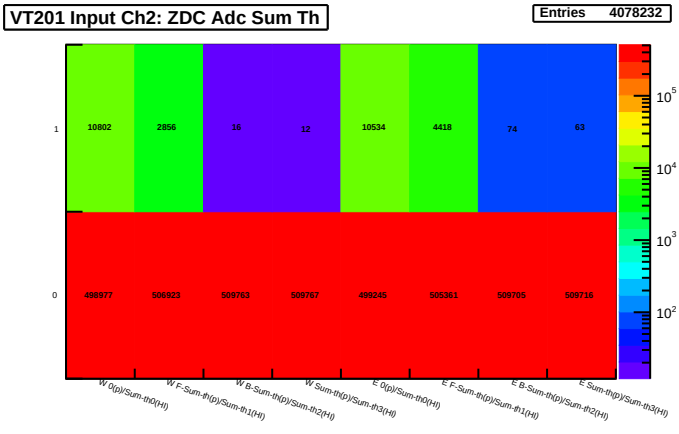

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

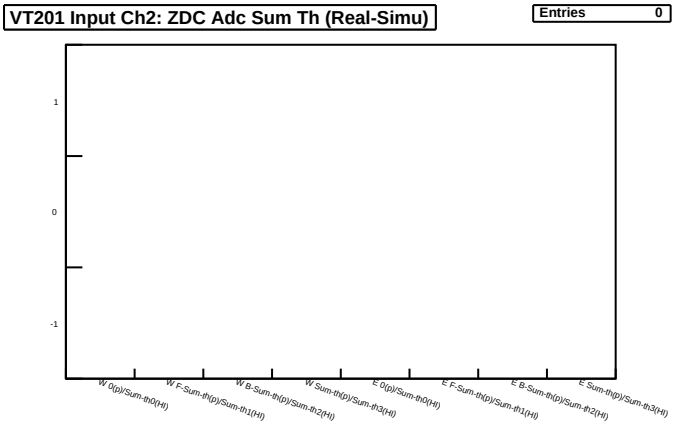

VT201 Input Ch1: EPD Hit Count Th
Entries 1019558
503843
502581
5936
7198
East
West

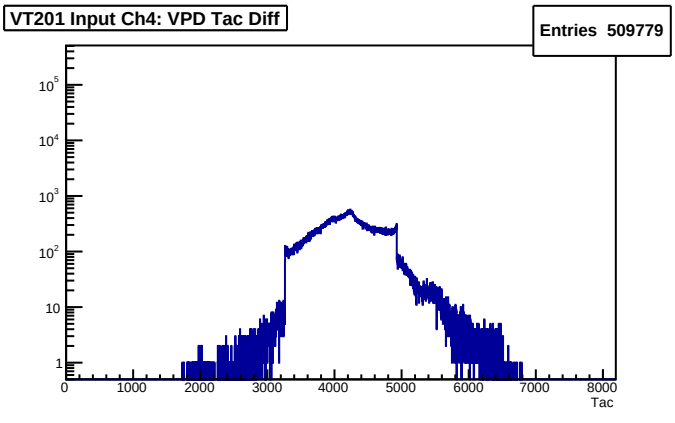

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

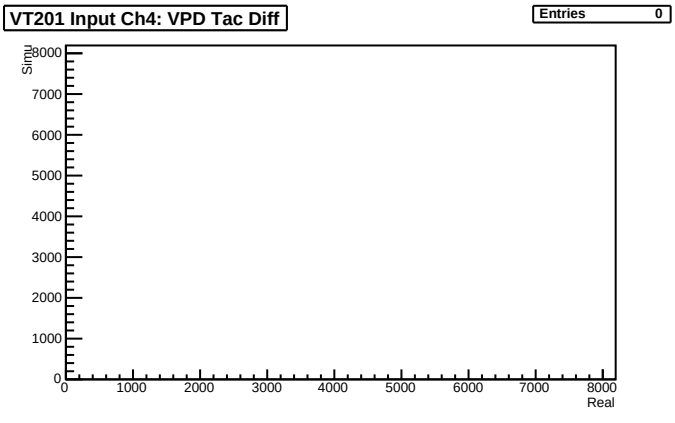

VT201 Input Ch2: ZDC Tac Diff
Entries 509779
Tac

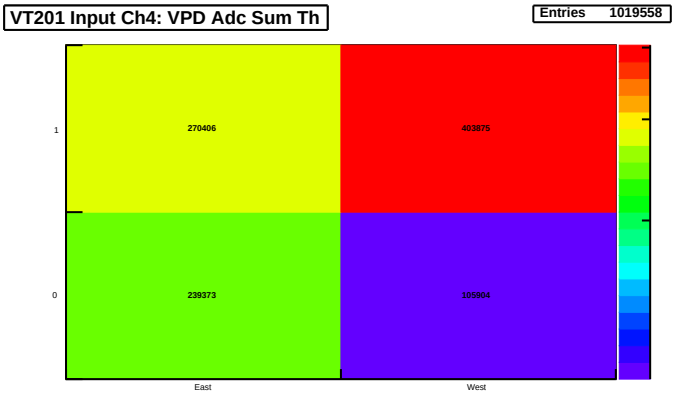

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

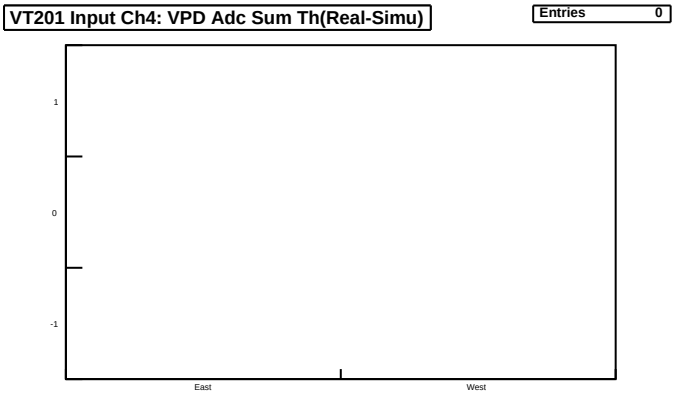

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4078232
10802
2856
16
12
10534
4418
74
63
498977
506923
509763
509767
499245
505361
509705
509716
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

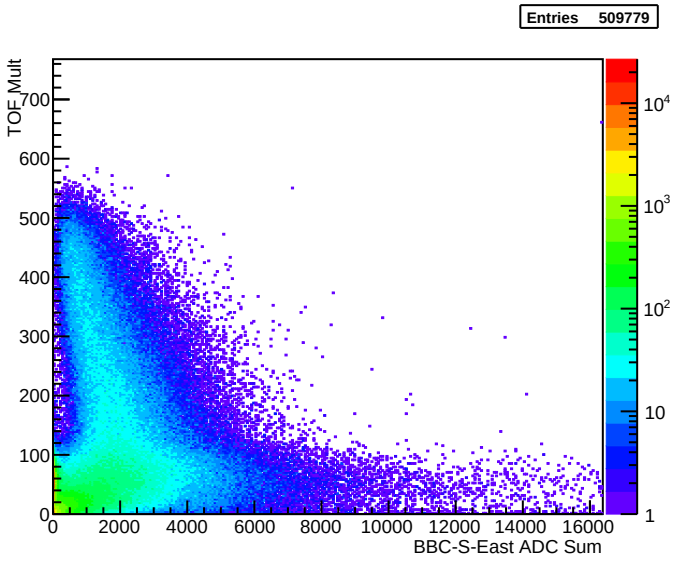

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

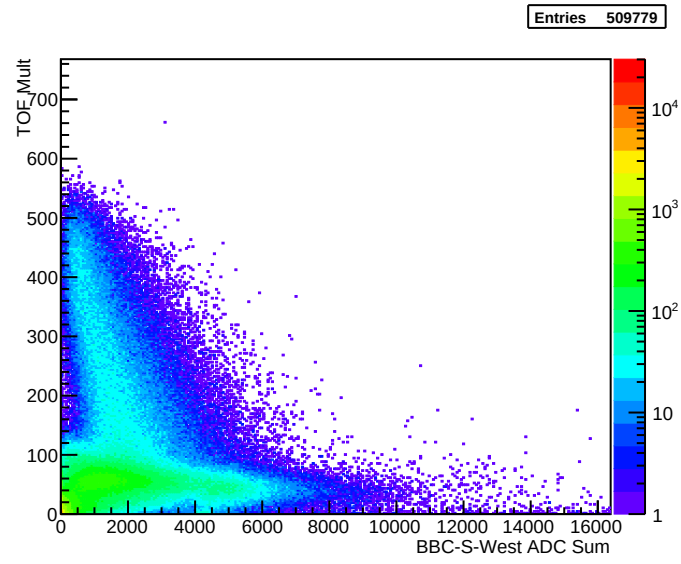

VT201 Input Ch4: VPD Tac Diff
Entries 509779
Tac

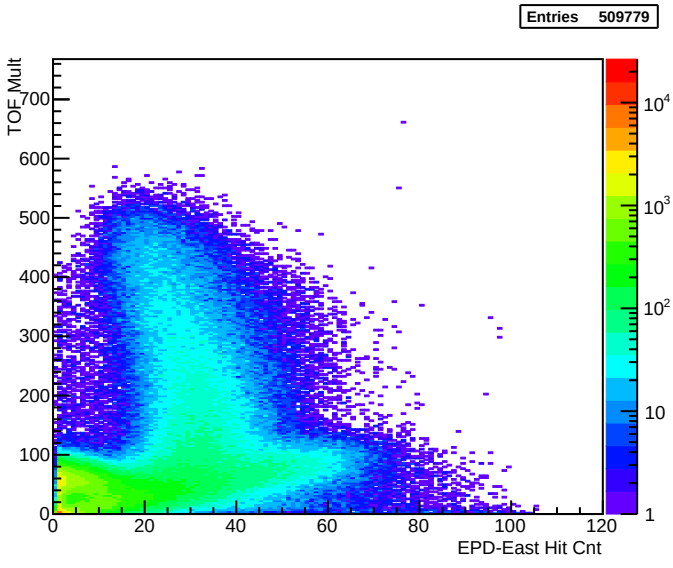

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

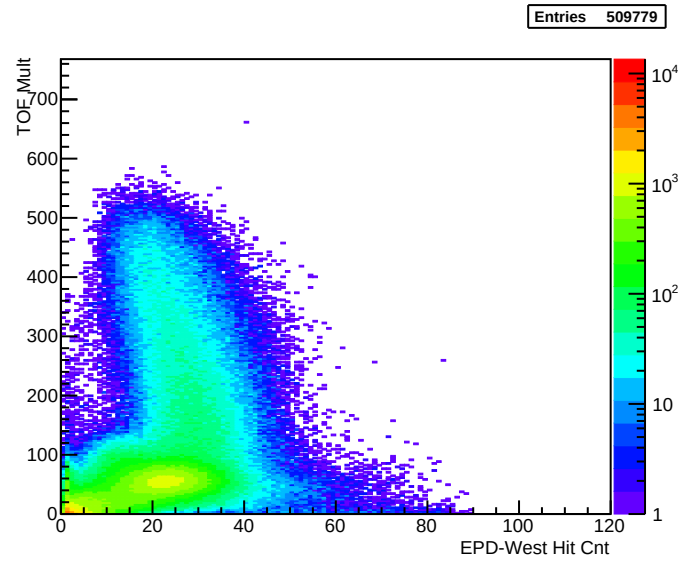

VT201 Input Ch4: VPD Adc Sum Th
Entries 1019558
270406
403875
239373
105904
East
West

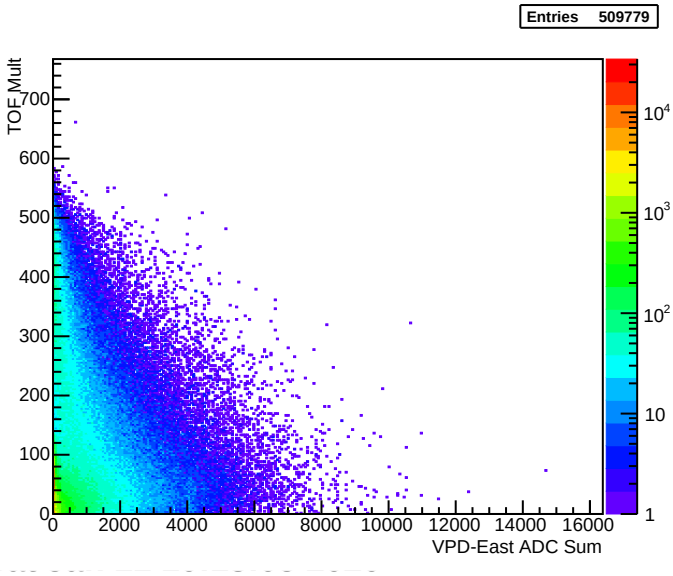

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

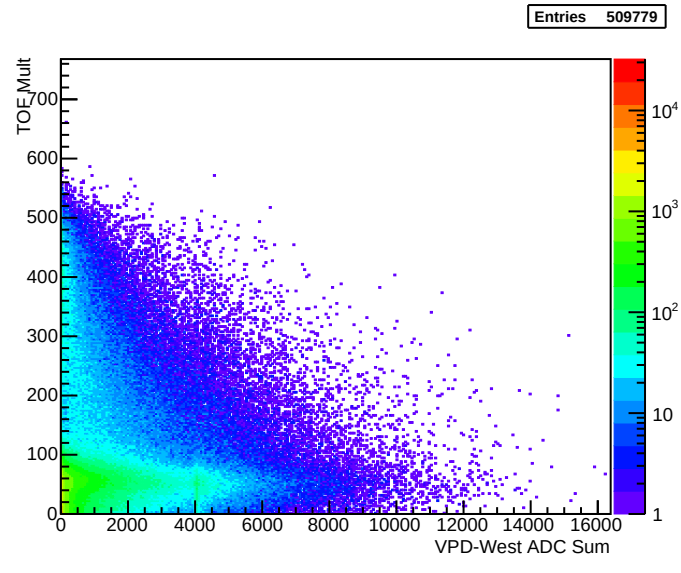

Entries 509779
TOF_Mult
BBC-S-East ADC Sum

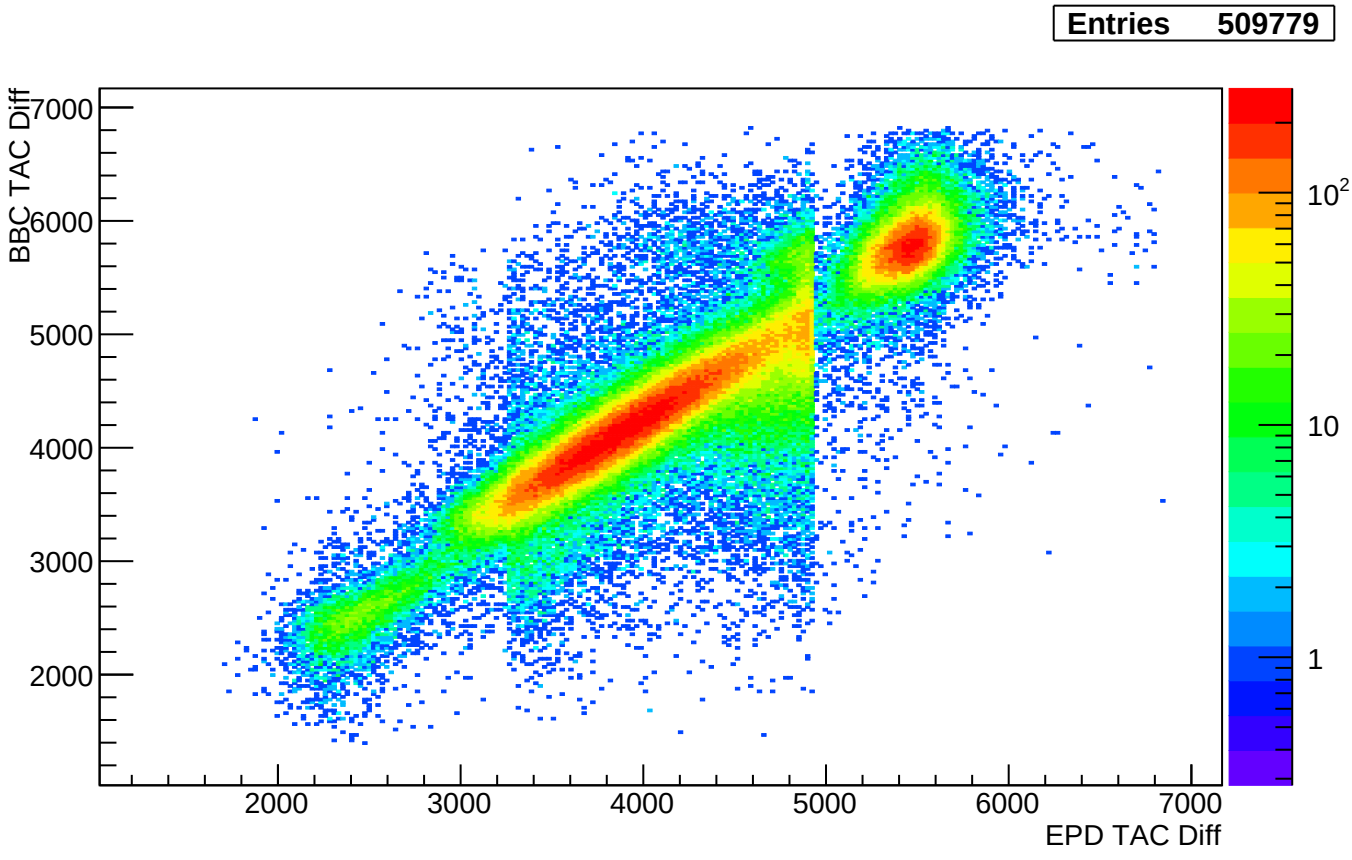

Entries 509779
TOF_Mult
BBC-S-West ADC Sum

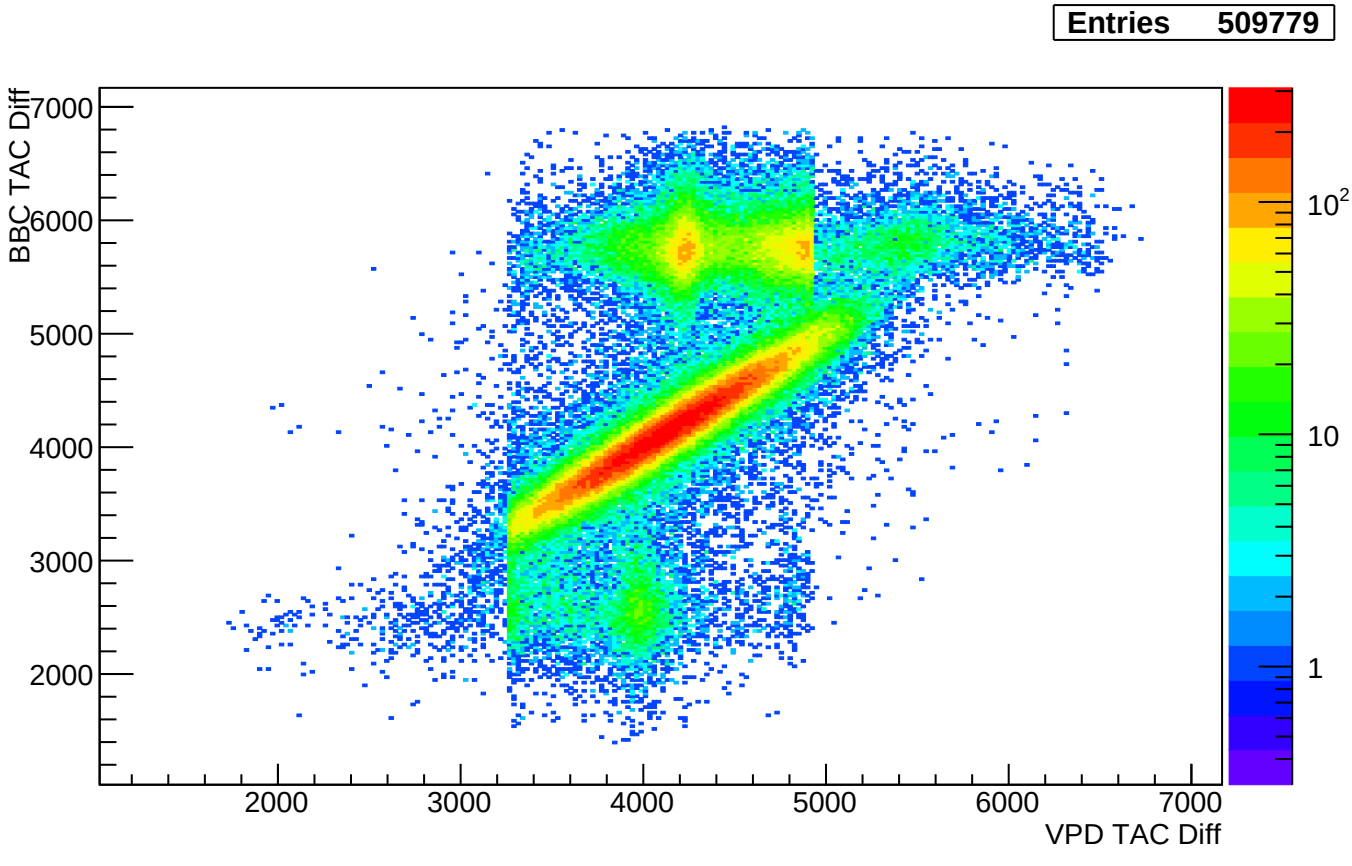

Entries 509779
TOF_Mult
EPD-East Hit Cnt

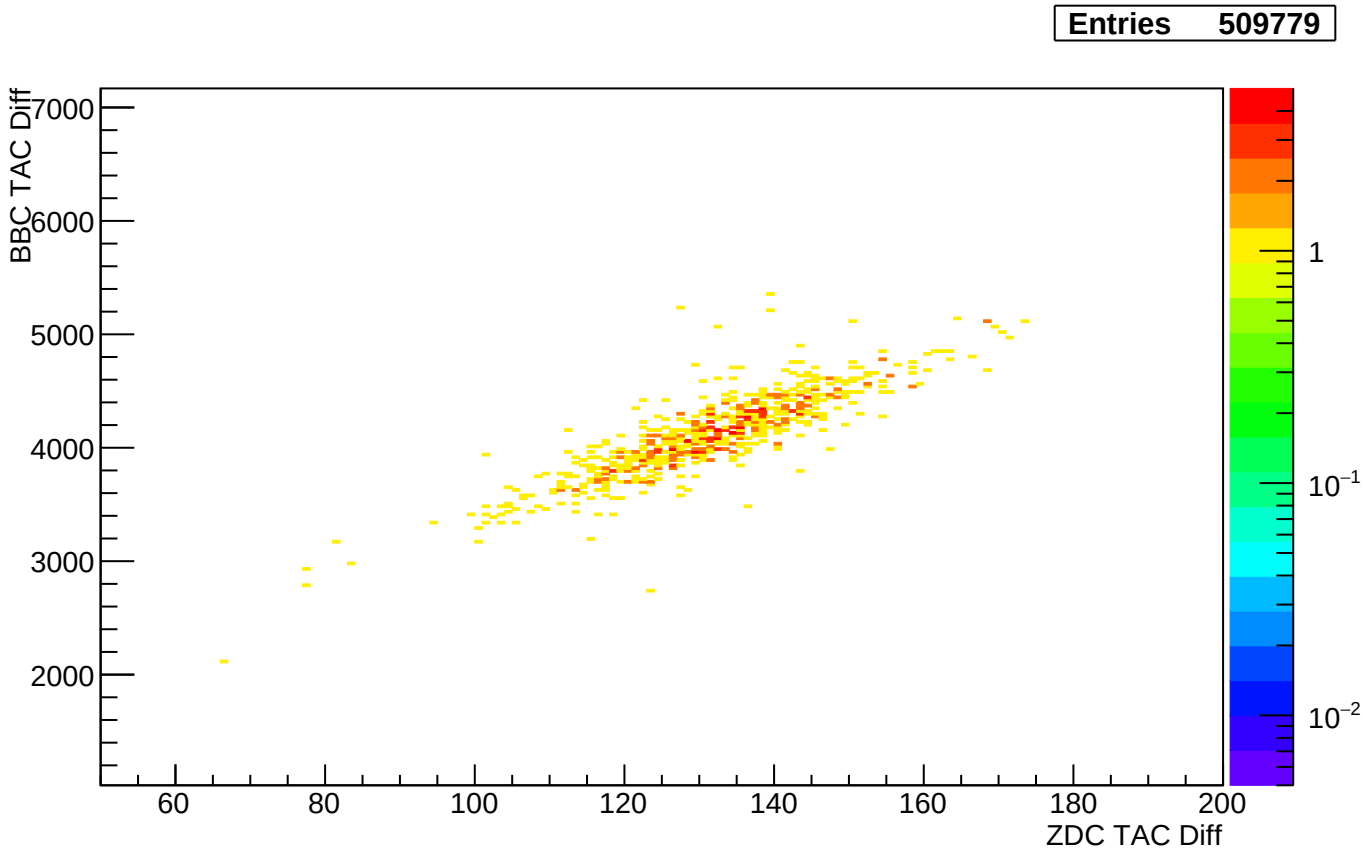

Entries 509779
TOF_Mult
EPD-West Hit Cnt

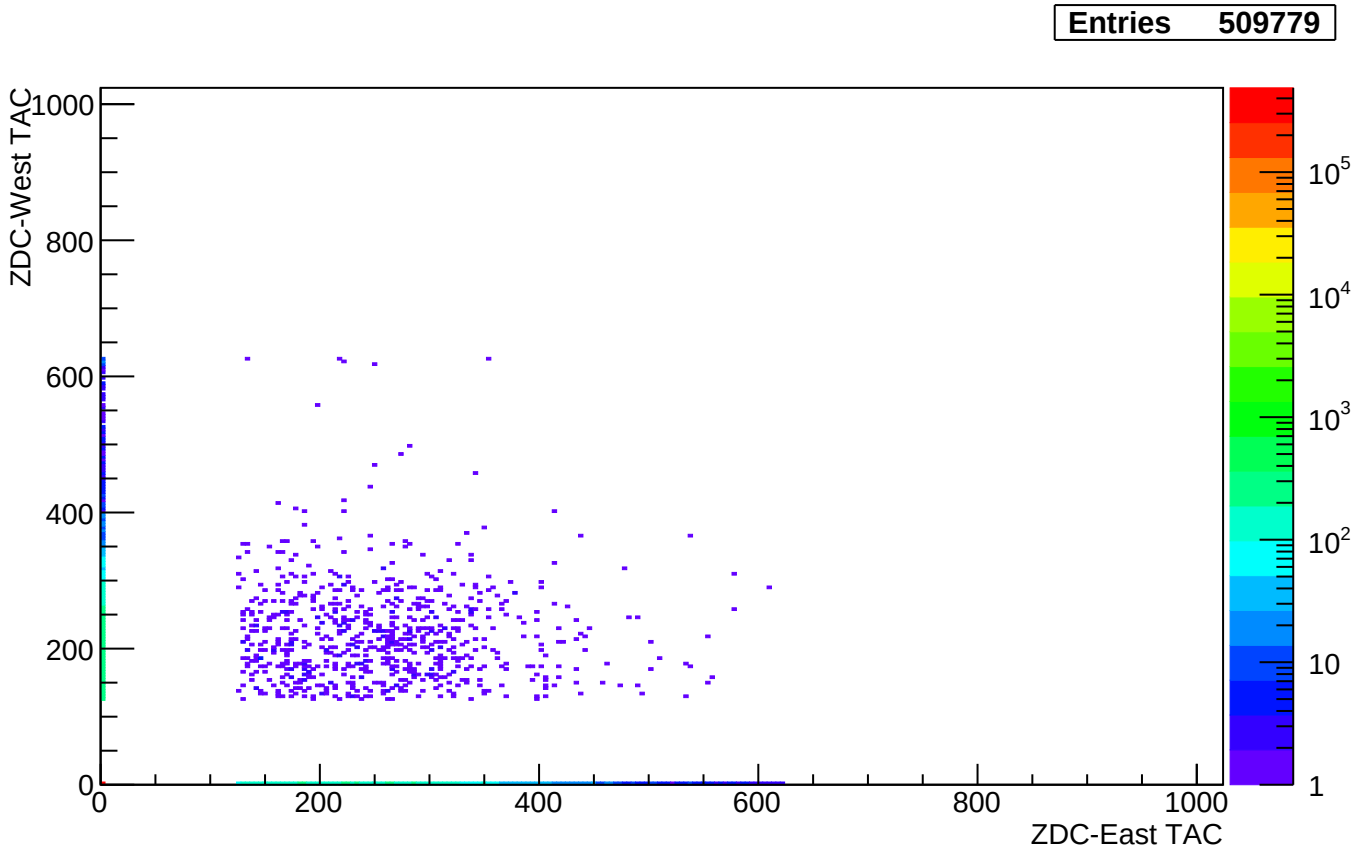

Entries 509779
TOF_Mult
VPD-East ADC Sum

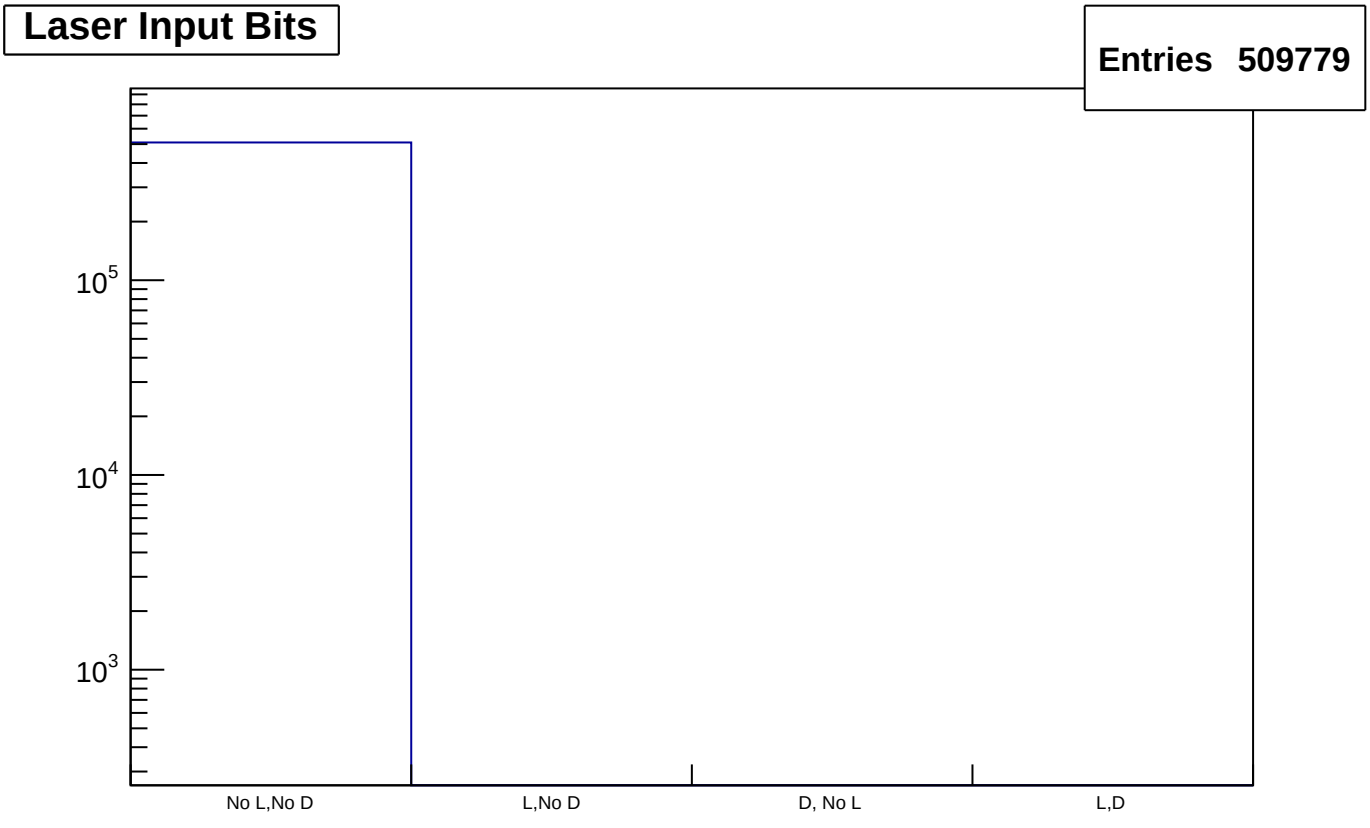

Entries 509779
TOF_Mult
VPD-West ADC Sum

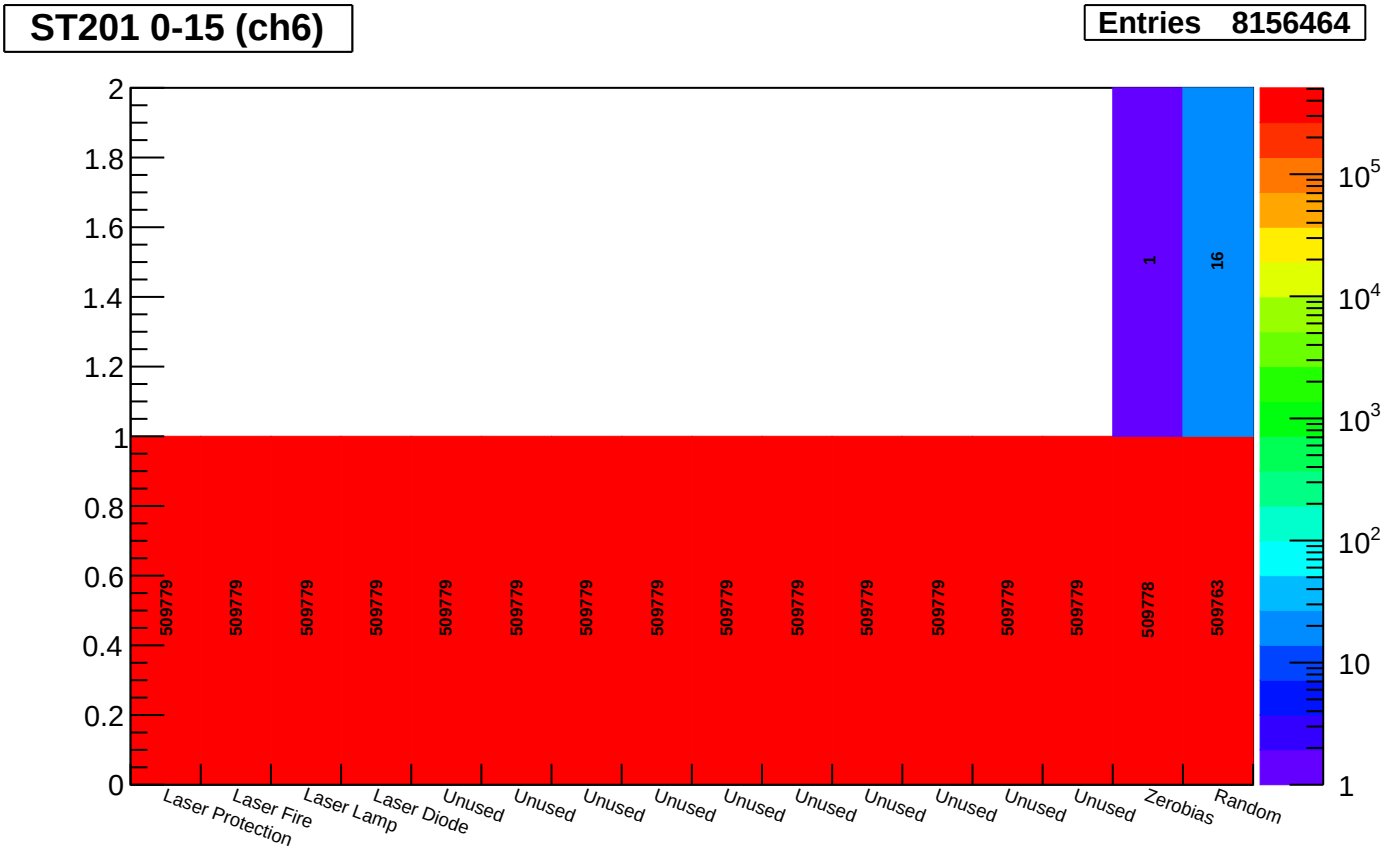

Entries 509779
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

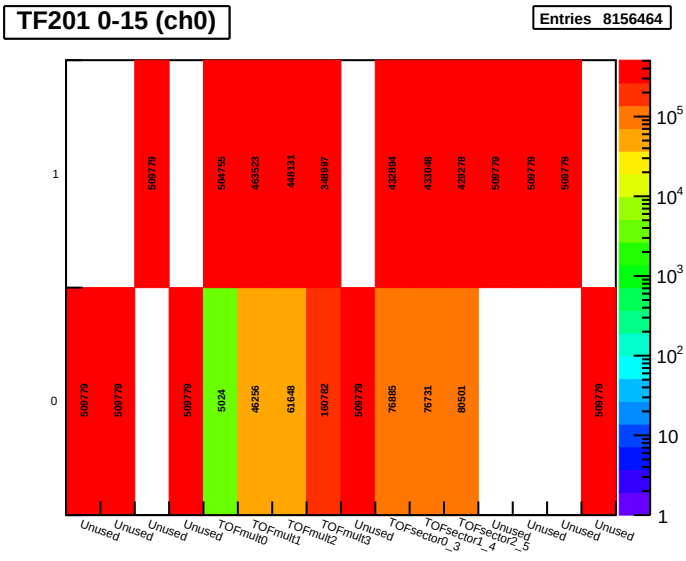

Entries 509779
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

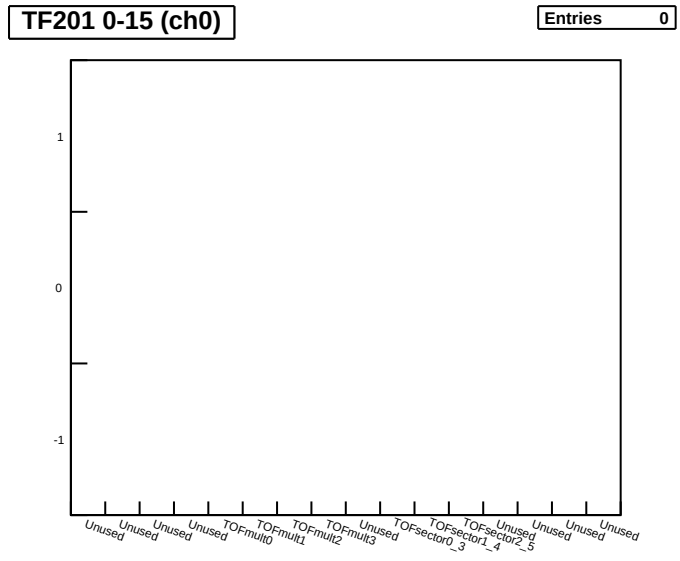

Entries 509779
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

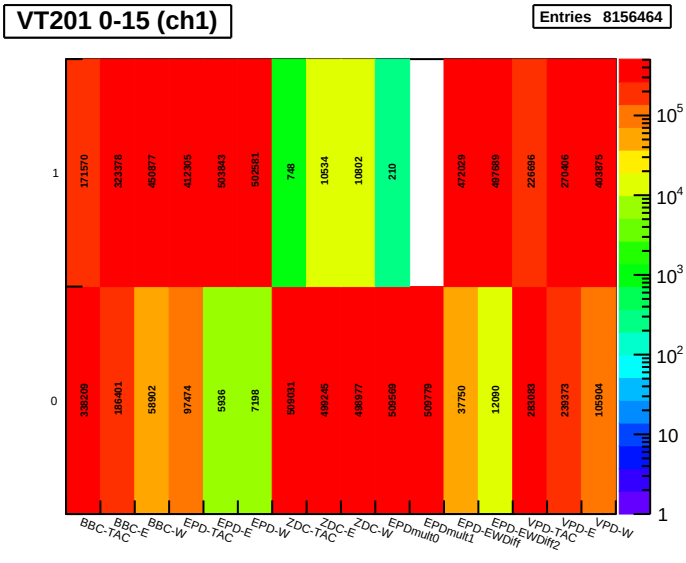

Entries 509779
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

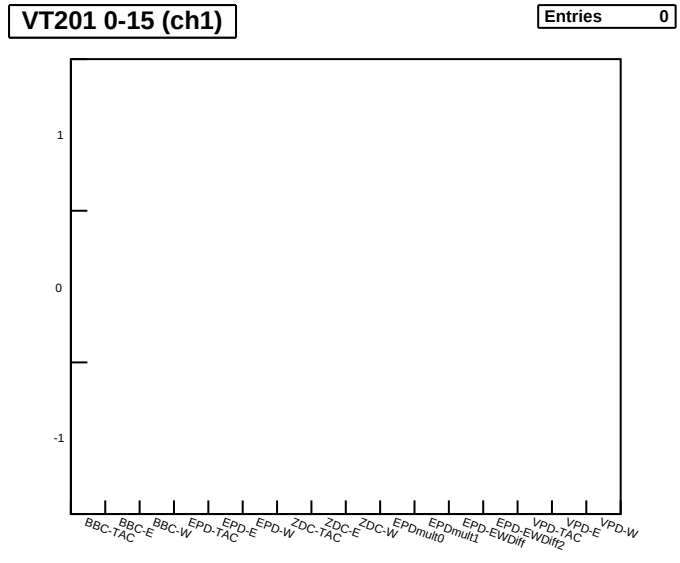

Laser Input Bits
Entries 509779
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

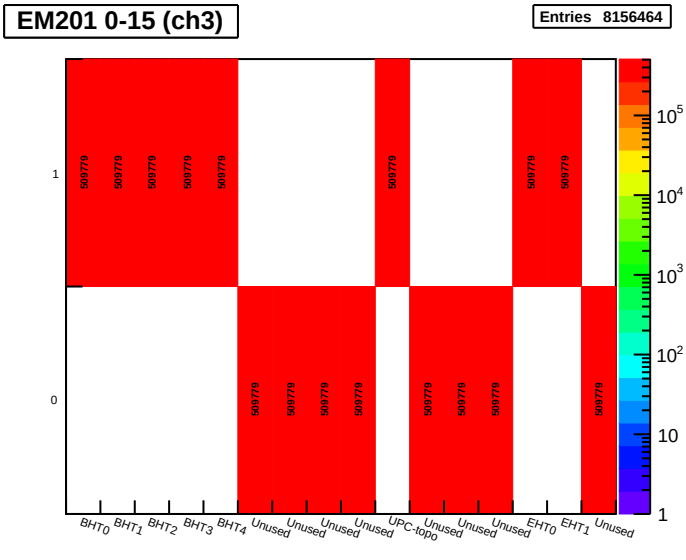

ST201 0-15 (ch6)
Entries 8156464
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
509779
509779
509779
509779
509779
509779
509779
509779
509779
509779
509779
509779
509779
509779
509778
509763
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

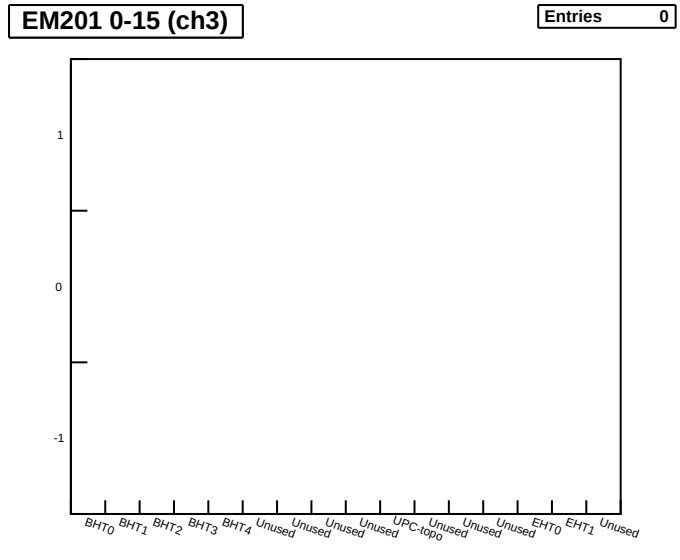

TF201 0-15 (ch0)
Entries 8156464
1
0
509779 509779 509779 5024 46256 61648 160782 509779 76885 76731 80501 509779
509779 504755 463523 448131 348997 432894 433048 429278 509779 509779 509779
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8156464
1
0
171570 323378 450877 412305 503943 502581 748 10534 10802 210 472029 497689 226696 270406 403875
338209 186401 58902 97474 5936 7198 509031 499245 498977 509569 509779 37750 12090 283083 239373 105904
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 8156464
1
0
509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779 509779
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