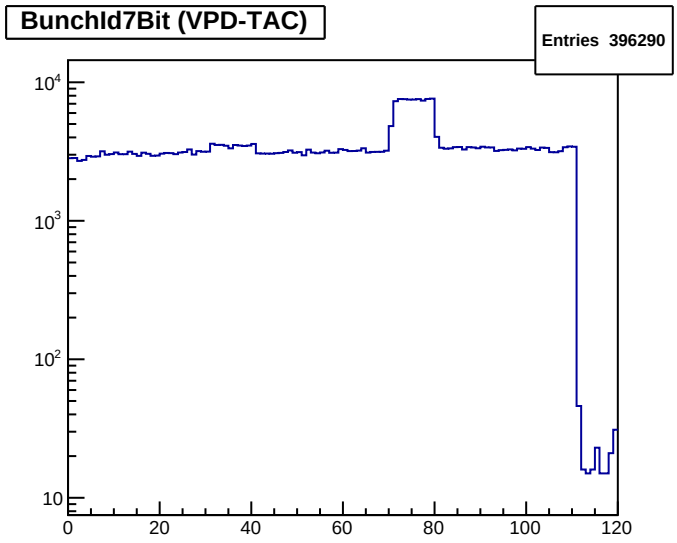
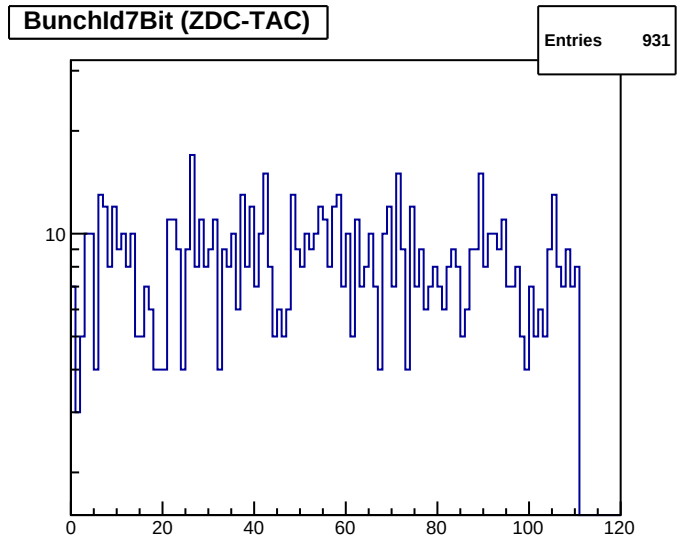
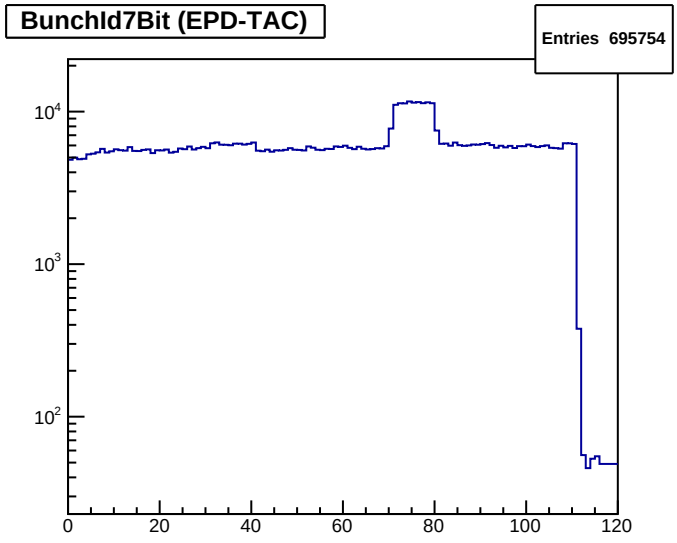
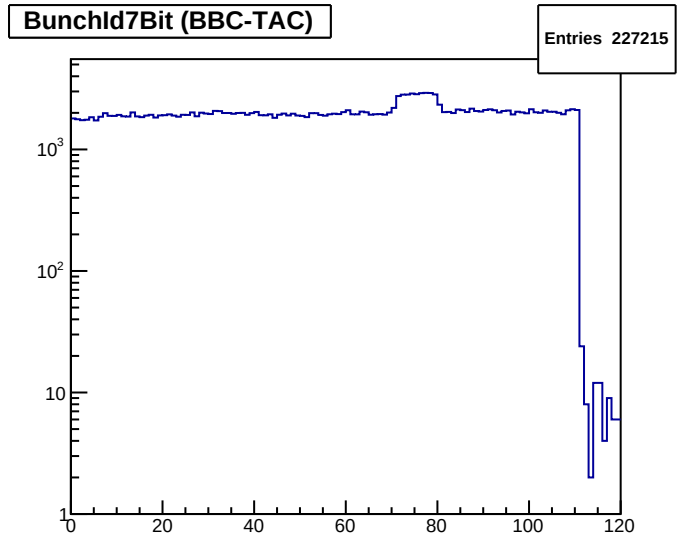
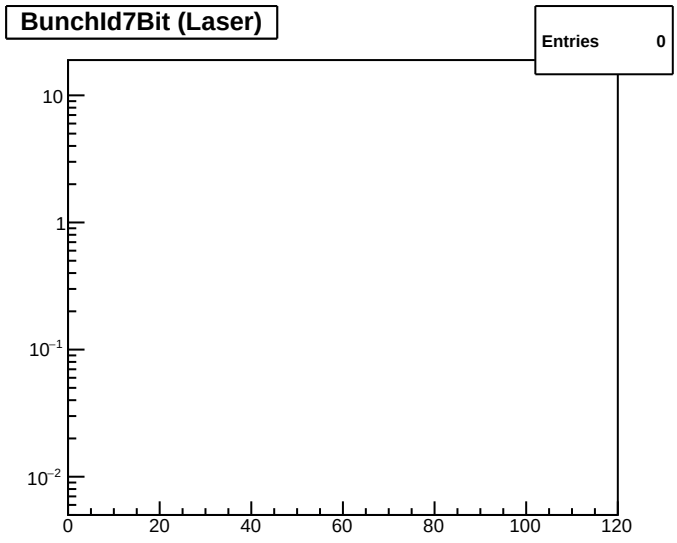
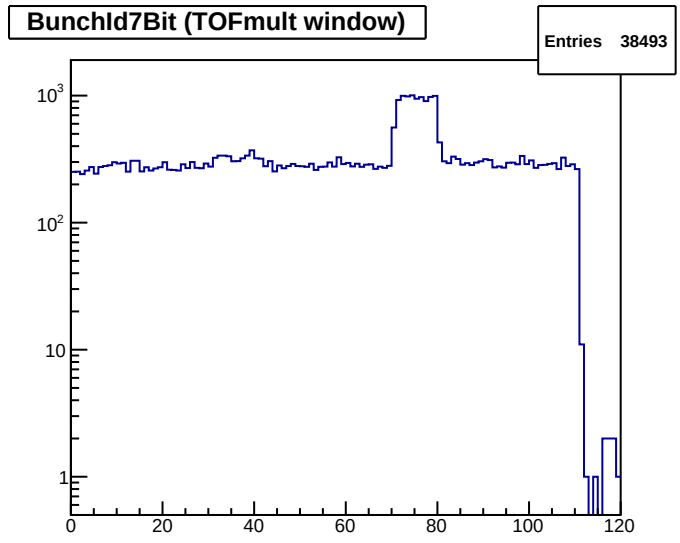

BunchId7Bit (VPD-TAC)
Entries 396290

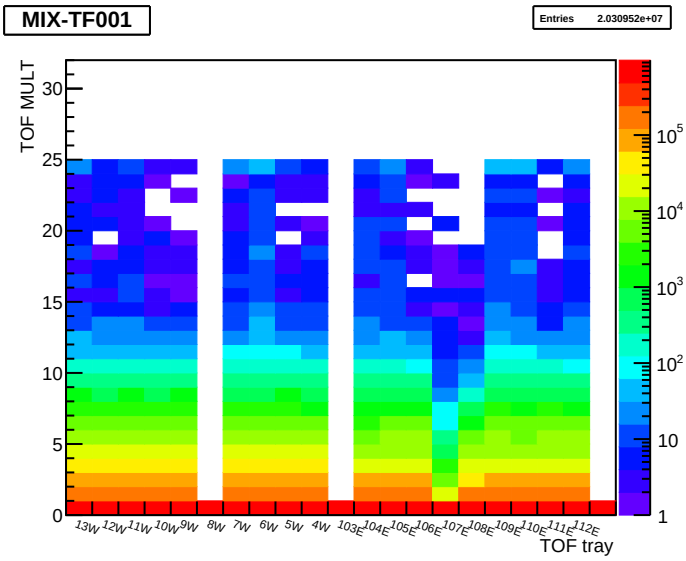

BunchId7Bit (ZDC-TAC)
Entries 931

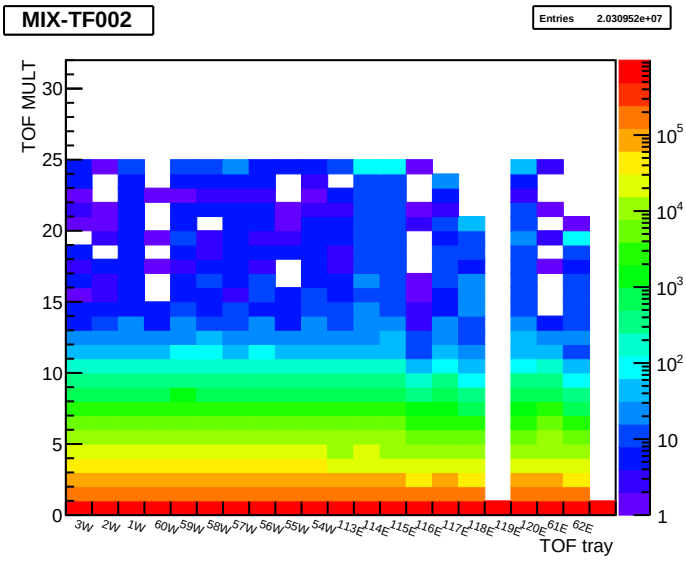

BunchId7Bit (EPD-TAC)
Entries 695754

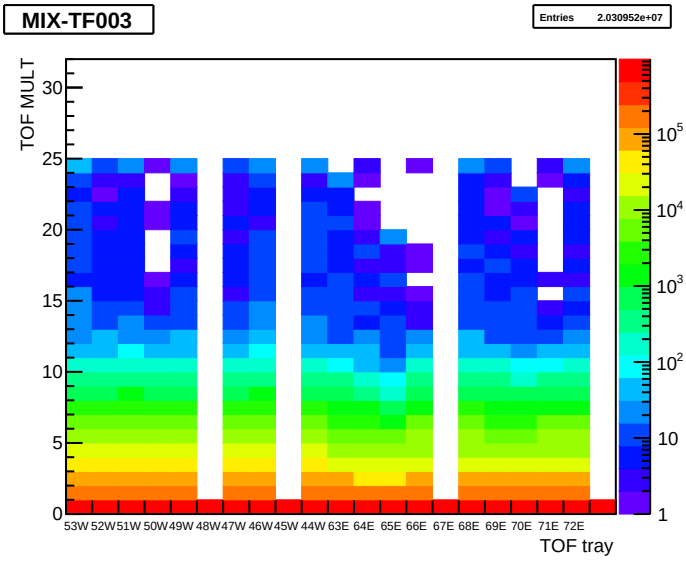

BunchId7Bit (BBC-TAC)
Entries 227215

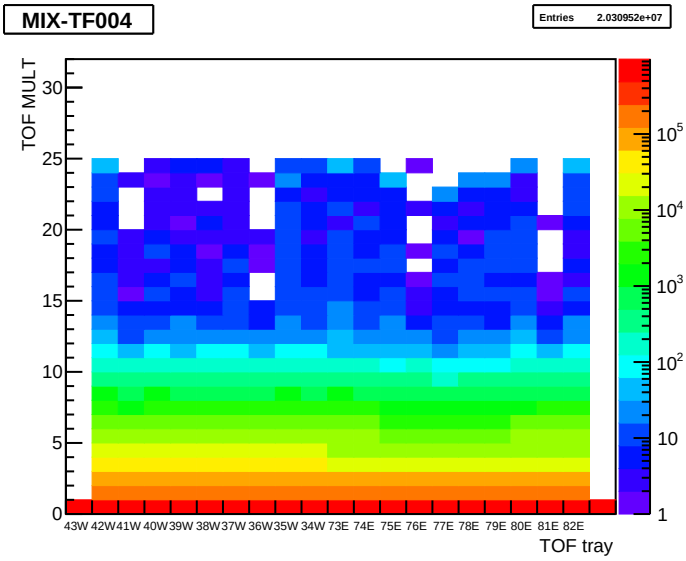

BunchId7Bit (Laser)
Entries 0

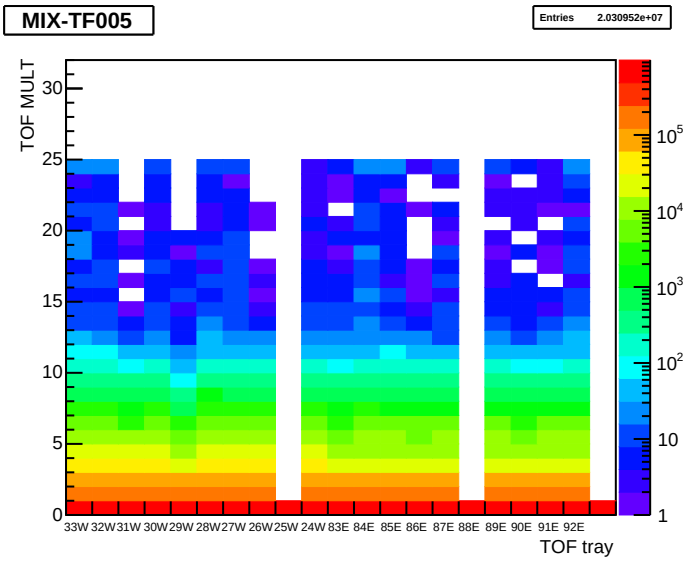

BunchId7Bit (TOFmult window)
Entries 38493

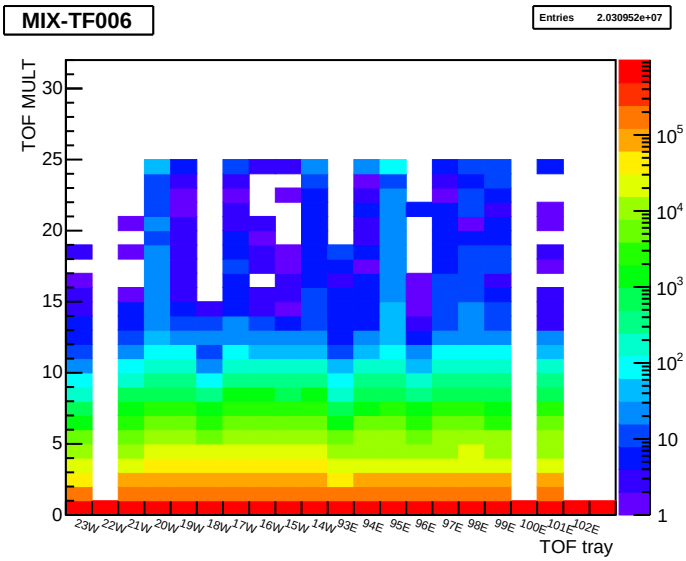

MIX-TF001
Entries 2.030952e+07
TOF MULT
TOF tray

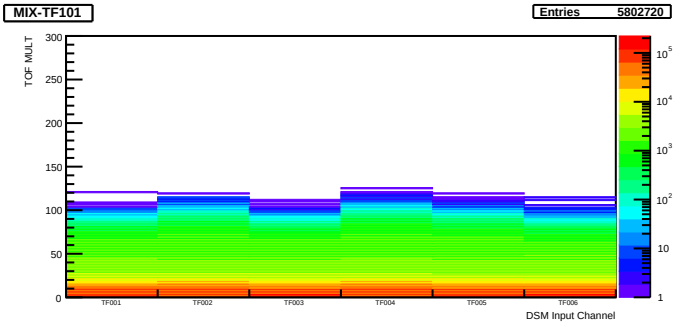

MIX-TF002
Entries 2.030952e+07
TOF MULT
TOF tray

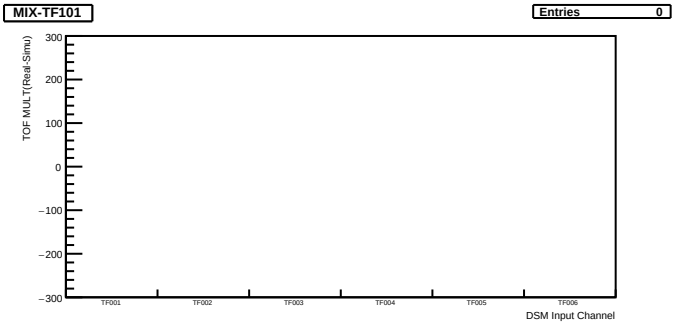

MIX-TF003
Entries 2.030952e+07
TOF MULT
TOF tray

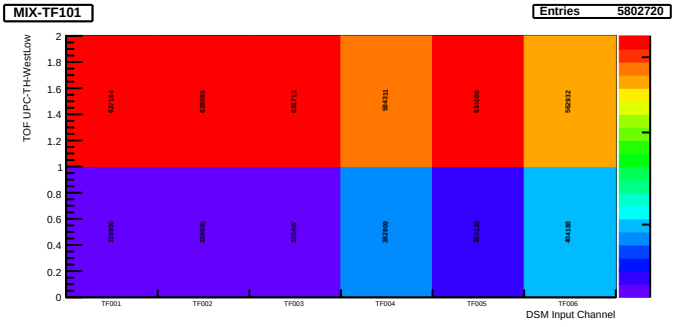

MIX-TF004
Entries 2.030952e+07
TOF MULT
TOF tray

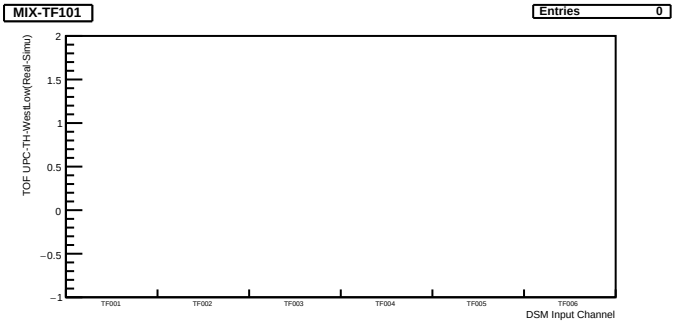

MIX-TF005
Entries 2.030952e+07
TOF MULT
TOF tray

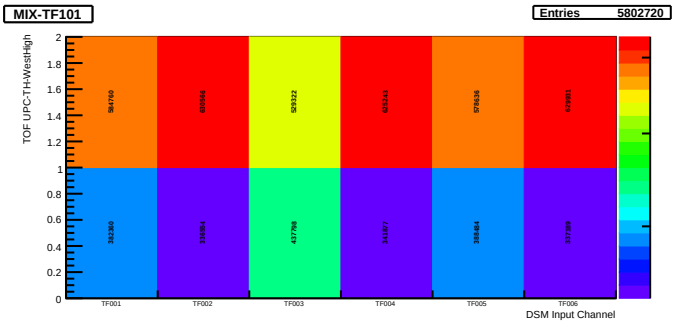

MIX-TF006
Entries 2.030952e+07
TOF MULT
TOF tray

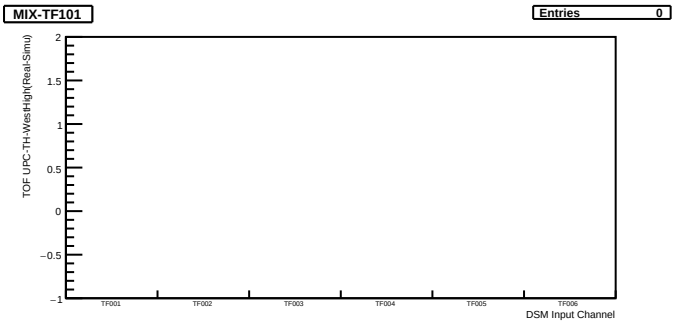

MIX-TF101
Entries 5802720
TOF MULT
DSM Input Channel

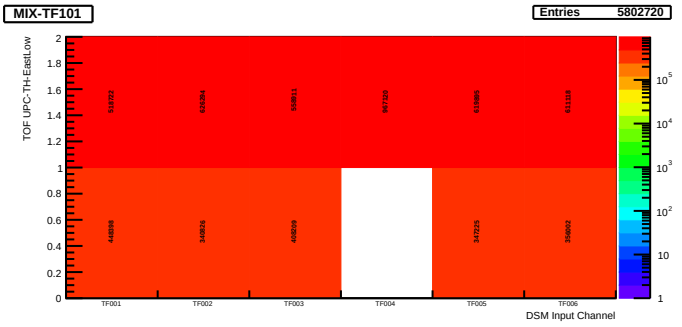

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

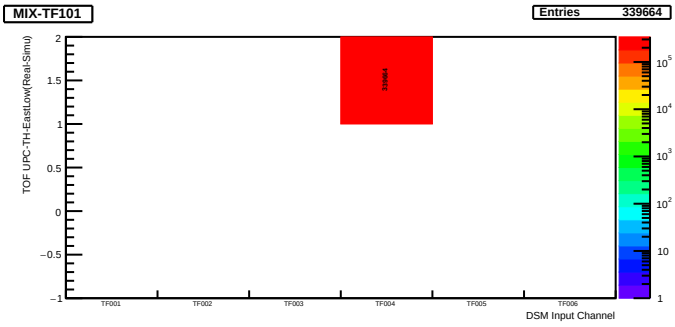

MIX-TF101
Entries 5802720
TOF UPC-TH-WestLow
DSM Input Channel

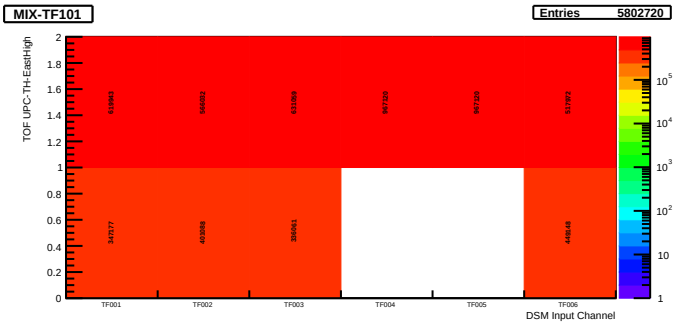

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

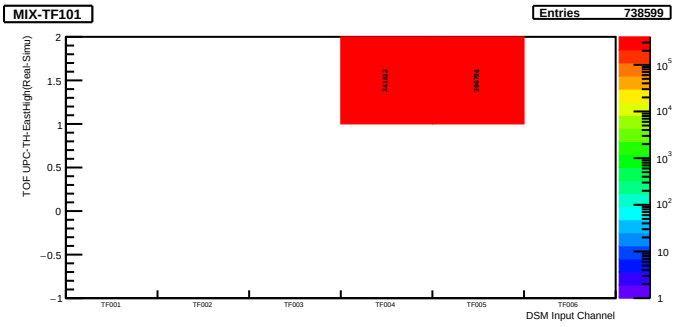

MIX-TF101
Entries 5802720
TOF UPC-TH-WestHigh
DSM Input Channel

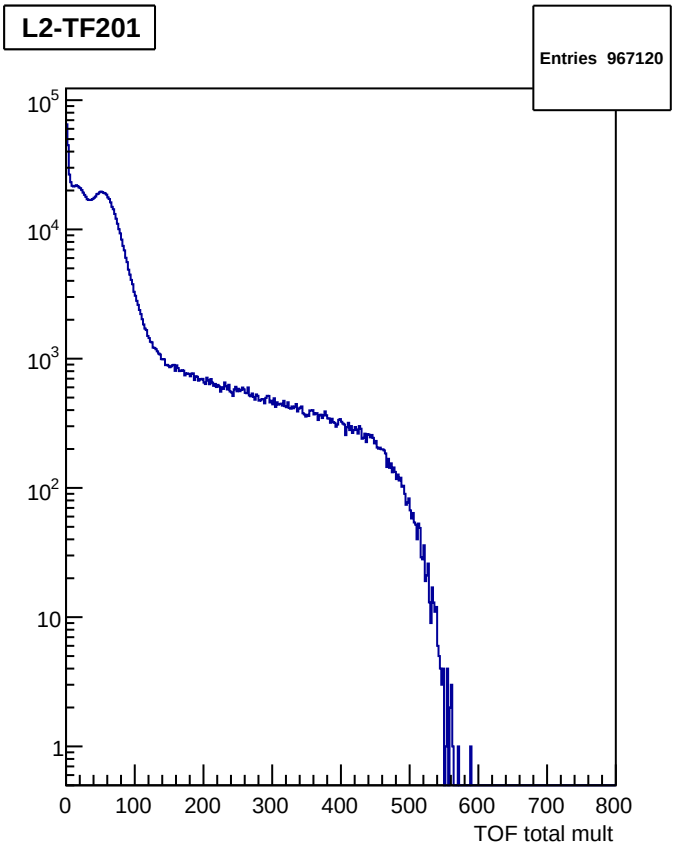

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

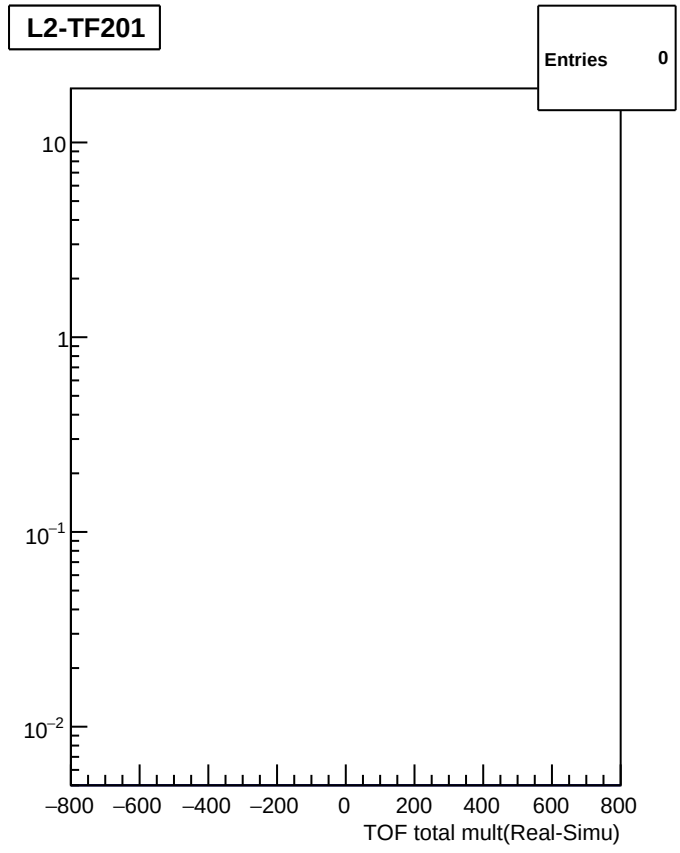

MIX-TF101
Entries 5802720
TOF UPC-TH-EastLow
DSM Input Channel

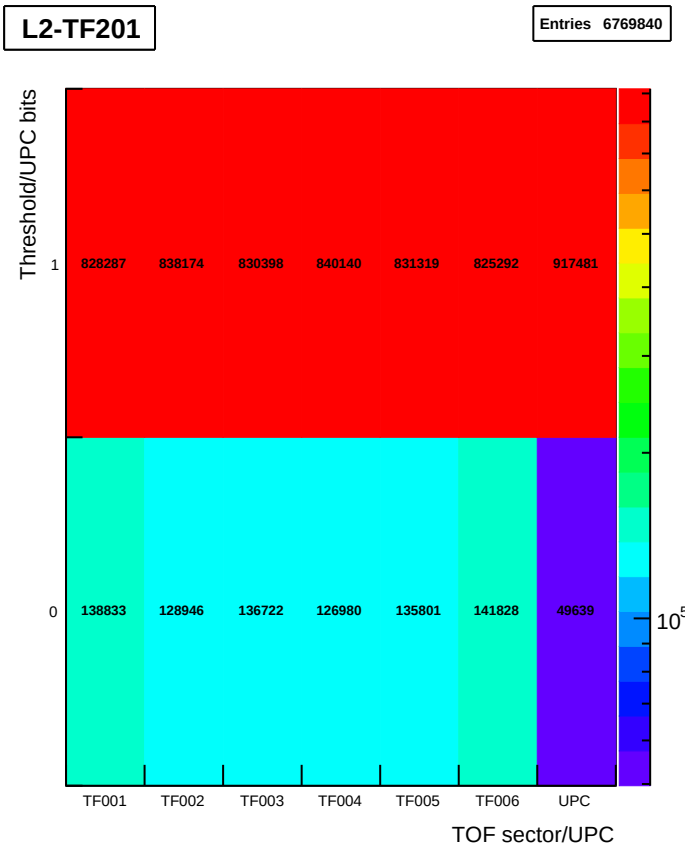

MIX-TF101
Entries 339664
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

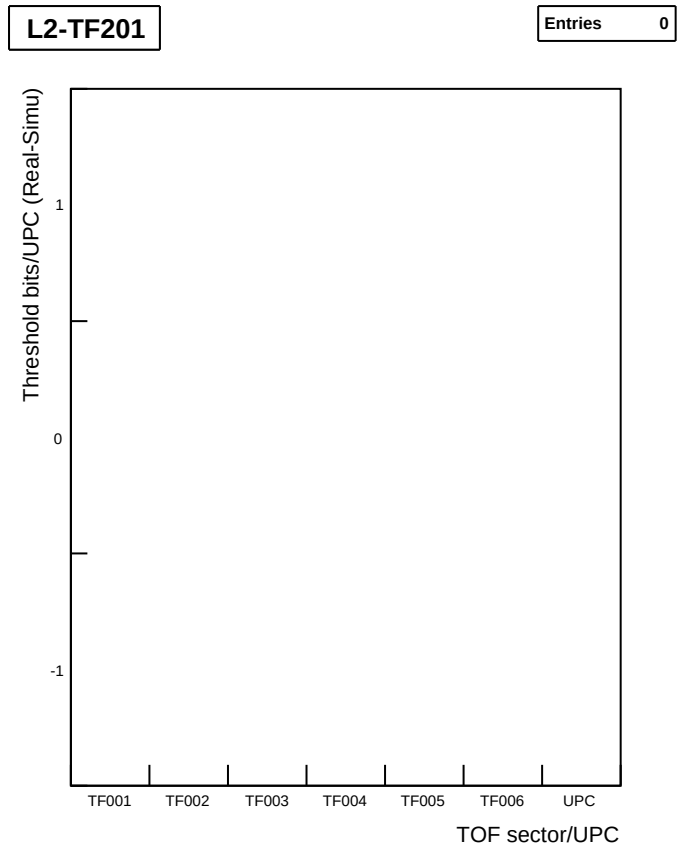

MIX-TF101
Entries 5802720
TOF UPC-TH-EastHigh
DSM Input Channel

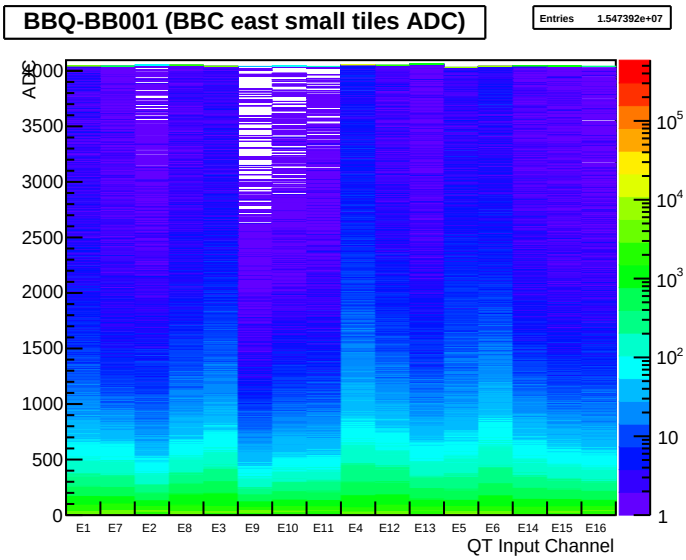

MIX-TF101
Entries 738599
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

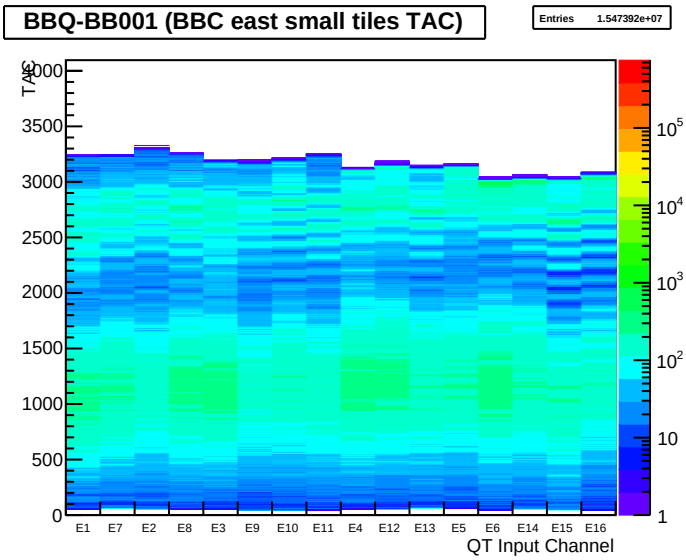

L2-TF201
Entries 967120
TOF total mult

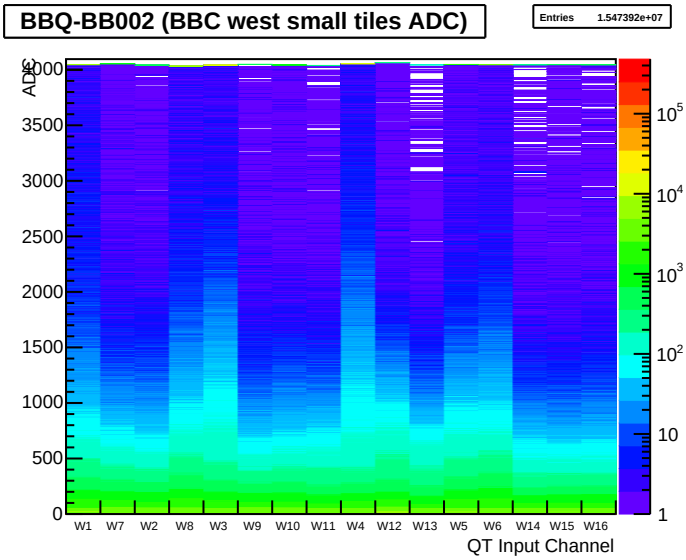

L2-TF201
Entries 0
TOF total mult(Real-Simu)

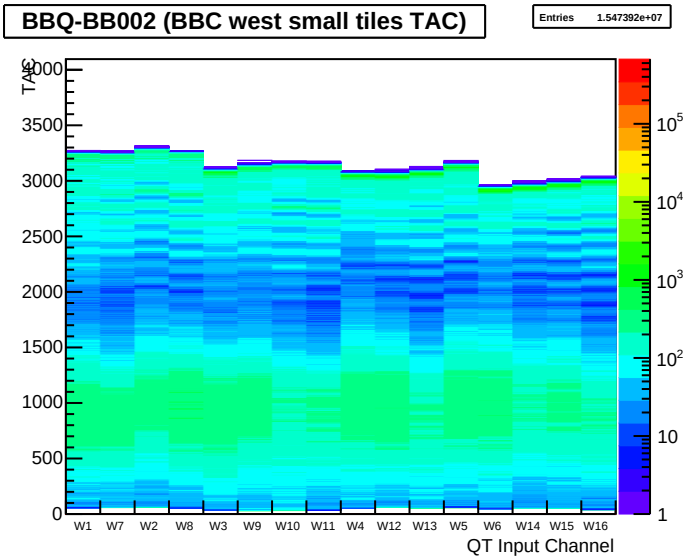

L2-TF201
Entries 6769840
Threshold/UPC bits
828287
838174
830398
840140
831319
825292
917481
138833
128946
136722
126980
135801
141828
49639
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

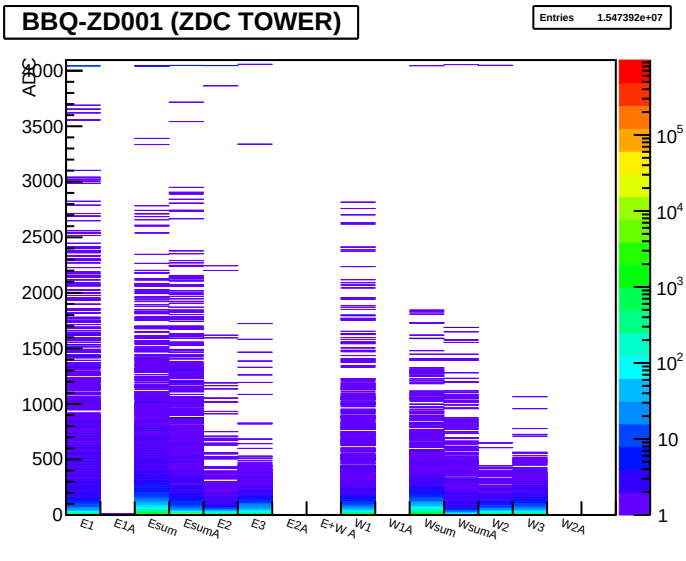

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

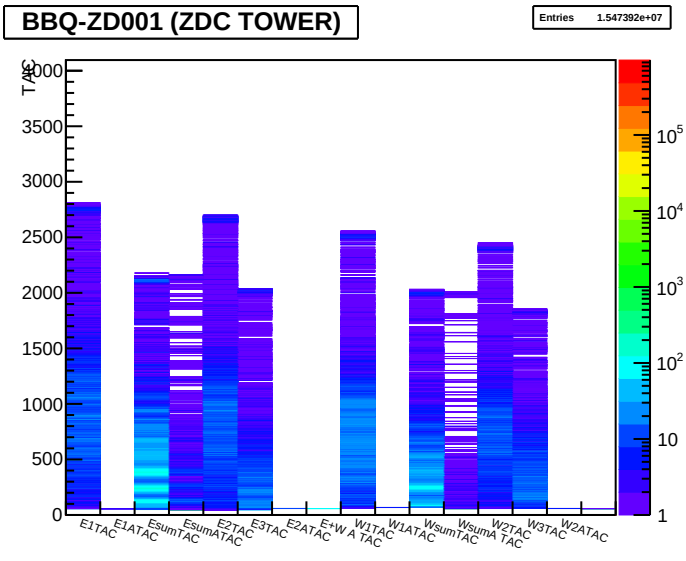

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.547392e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

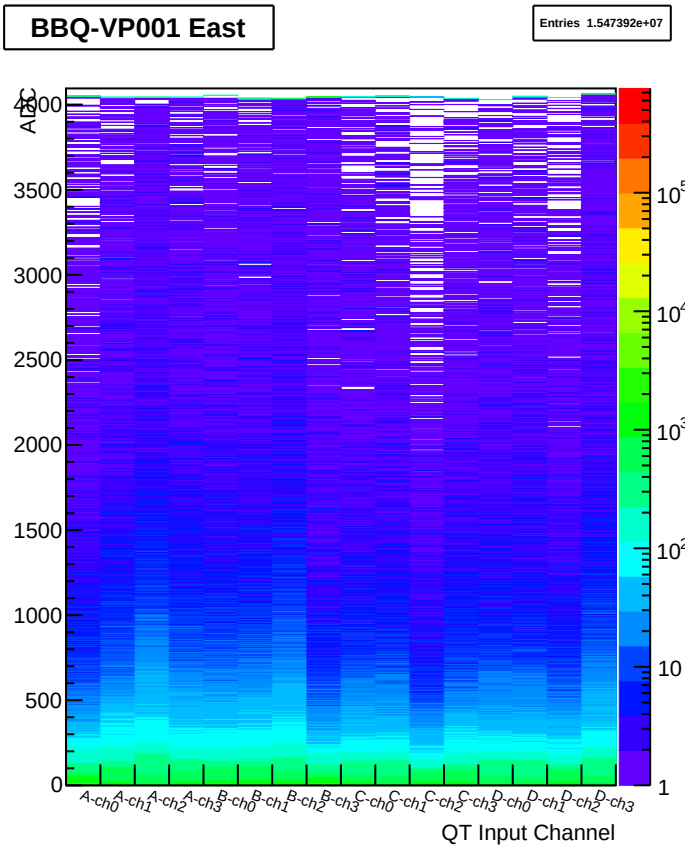

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.547392e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

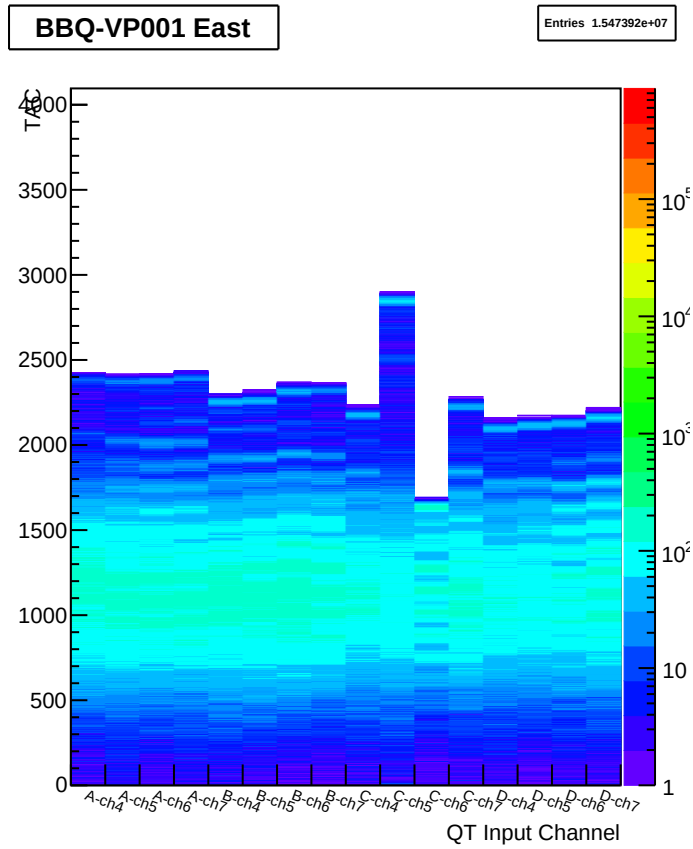

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.547392e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

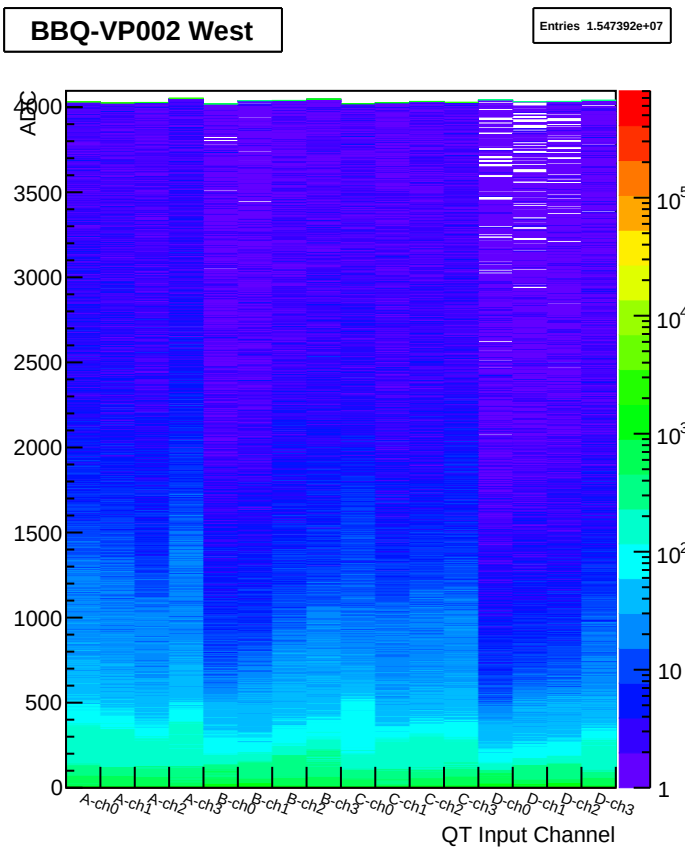

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.547392e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

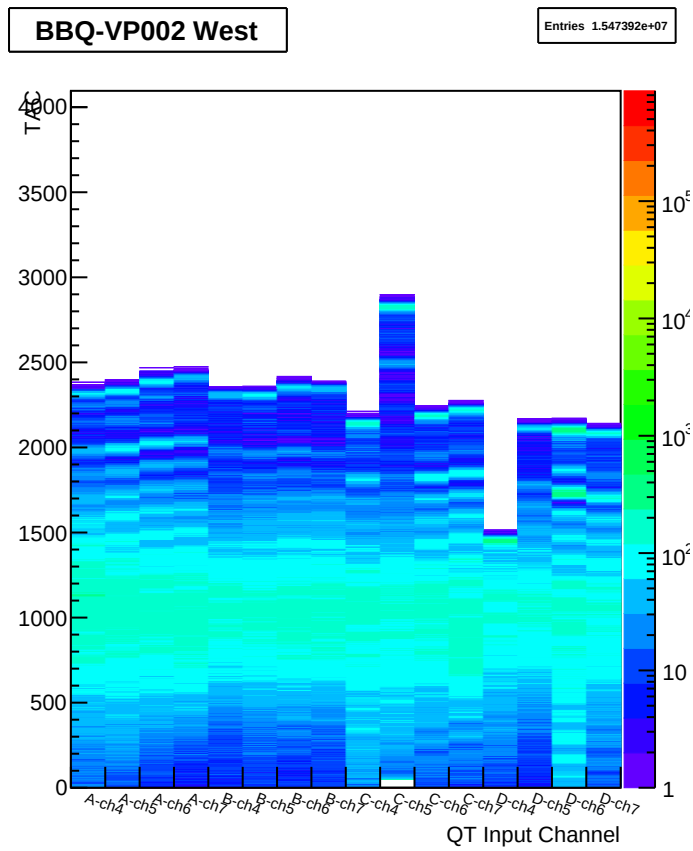

BBQ-ZD001 (ZDC TOWER)
Entries 1.547392e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

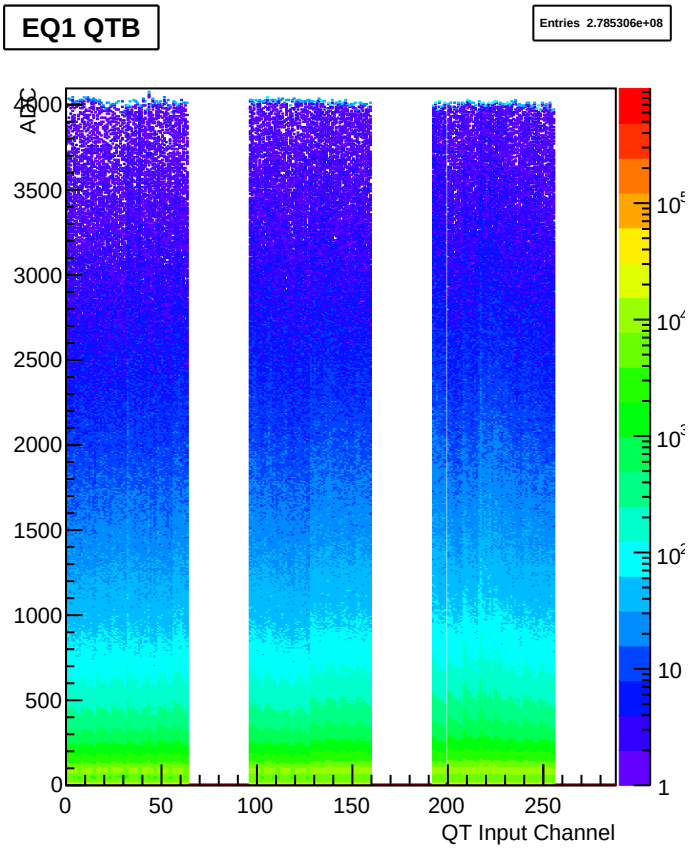

BBQ-ZD001 (ZDC TOWER)
Entries 1.547392e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

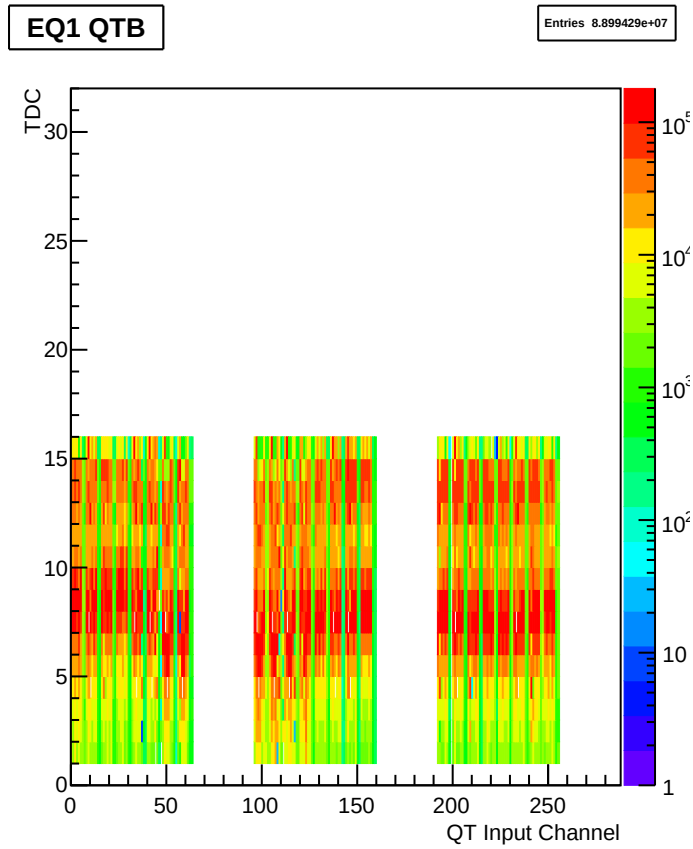

BBQ-VP001 East
Entries 1.547392e+07
ADC
QT Input Channel

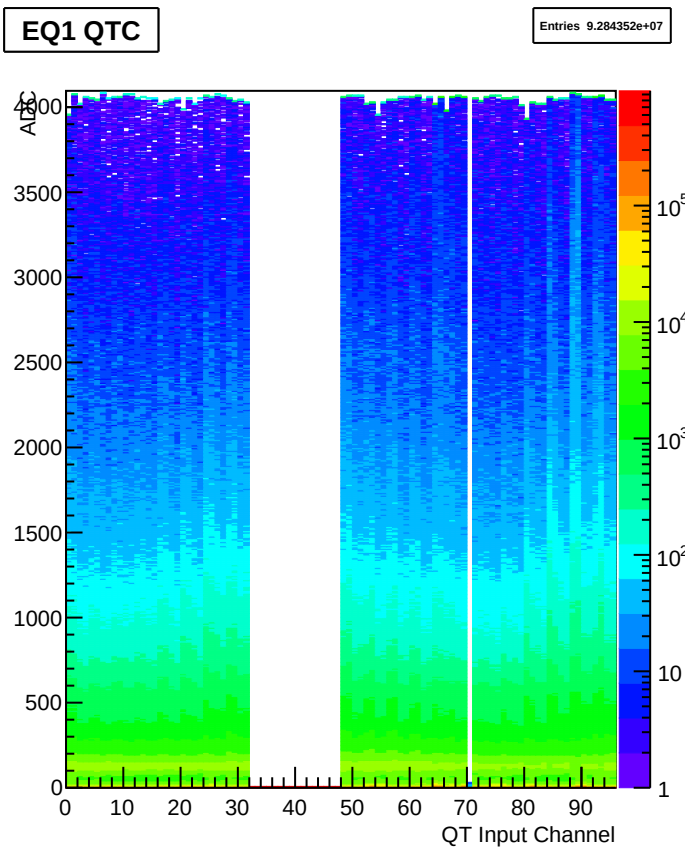

BBQ-VP001 East
Entries 1.547392e+07
TAC
QT Input Channel

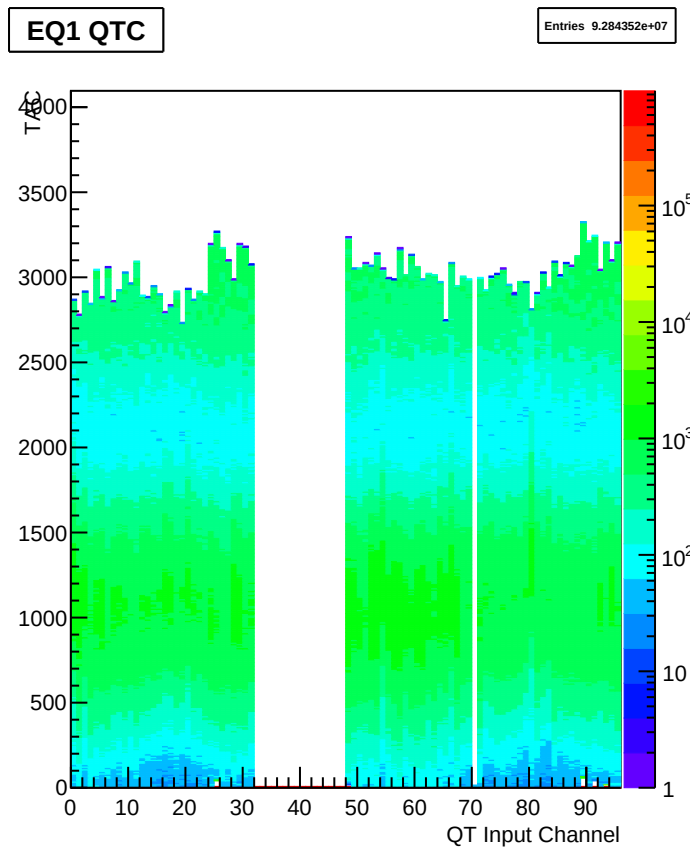

BBQ-VP002 West
Entries 1.547392e+07
ADC
QT Input Channel

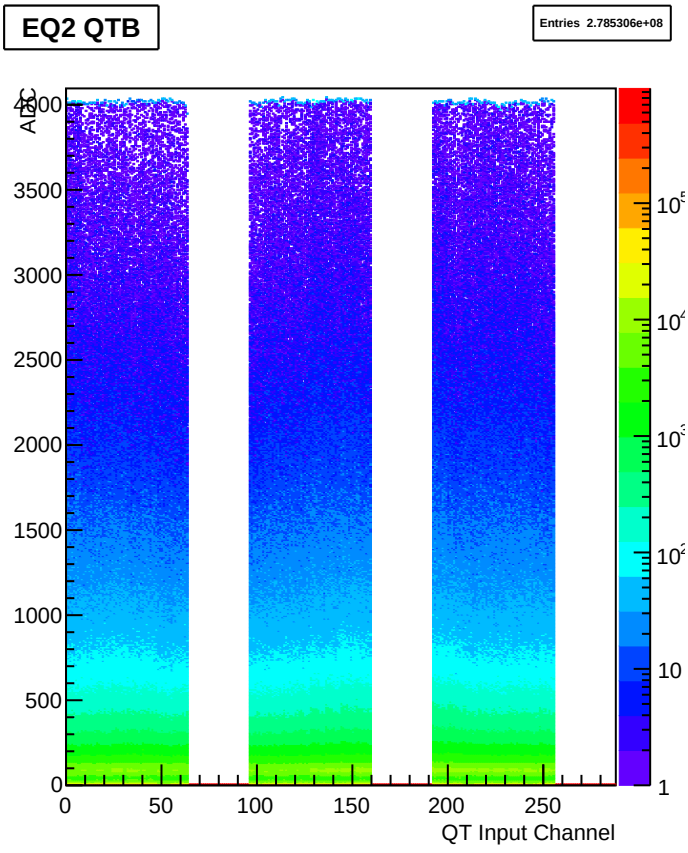

BBQ-VP002 West
Entries 1.547392e+07
TAC
QT Input Channel

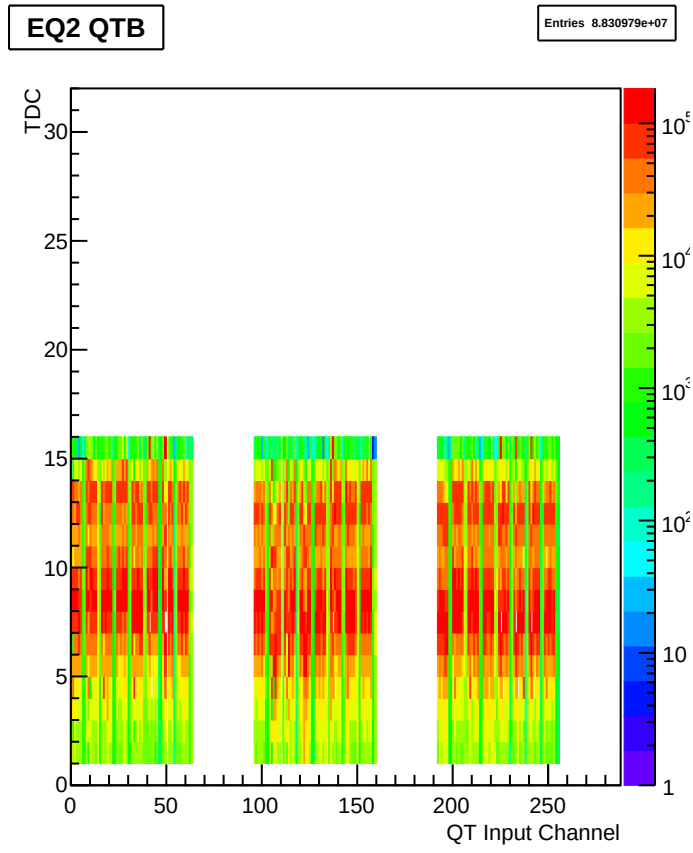

EQ1 QTB
Entries 2.785306e+08
ADC
QT Input Channel

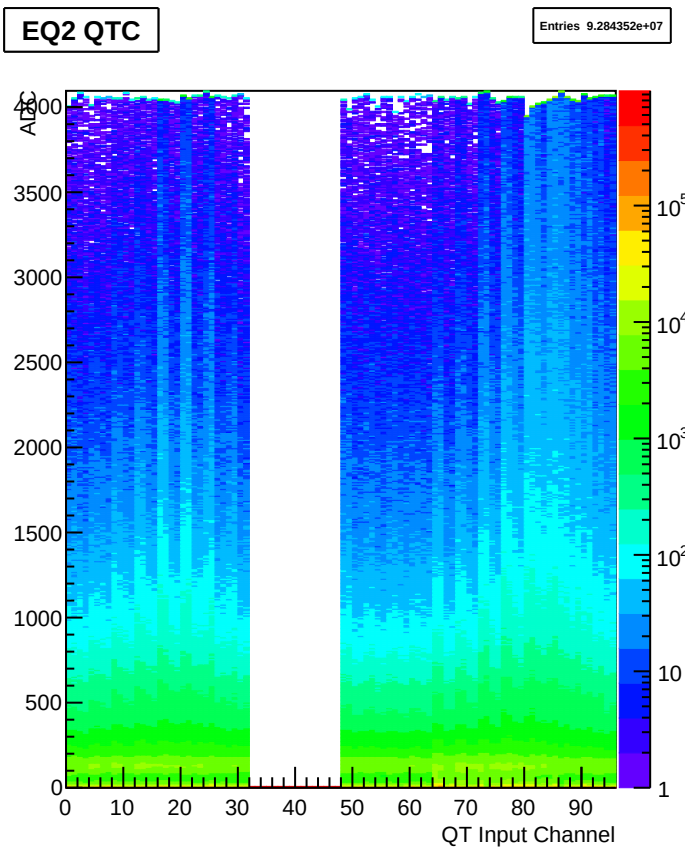

EQ1 QTB
Entries 8.899429e+07
TDC
QT Input Channel

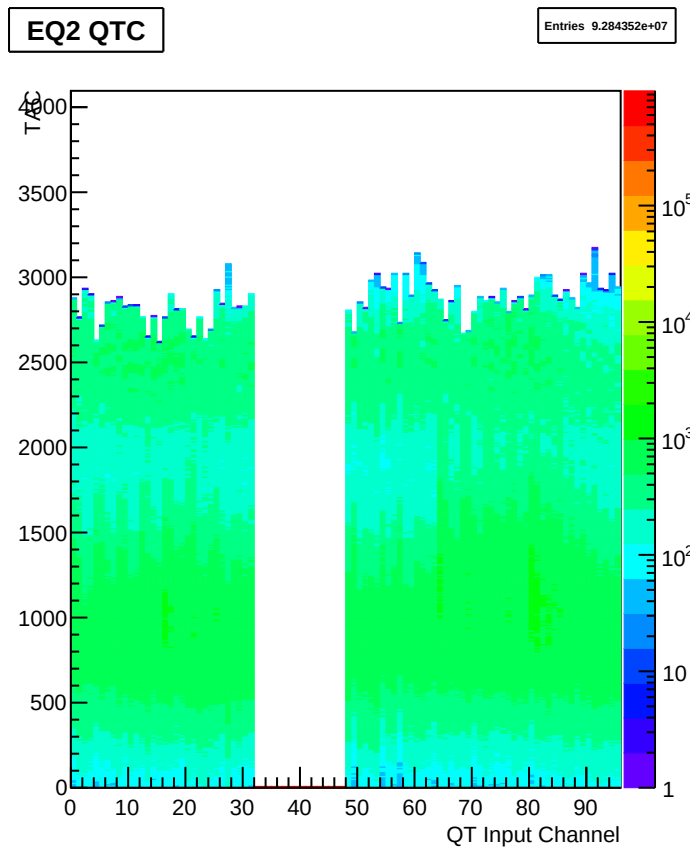

EQ1 QTC
Entries 9.284352e+07
ADC
QT Input Channel

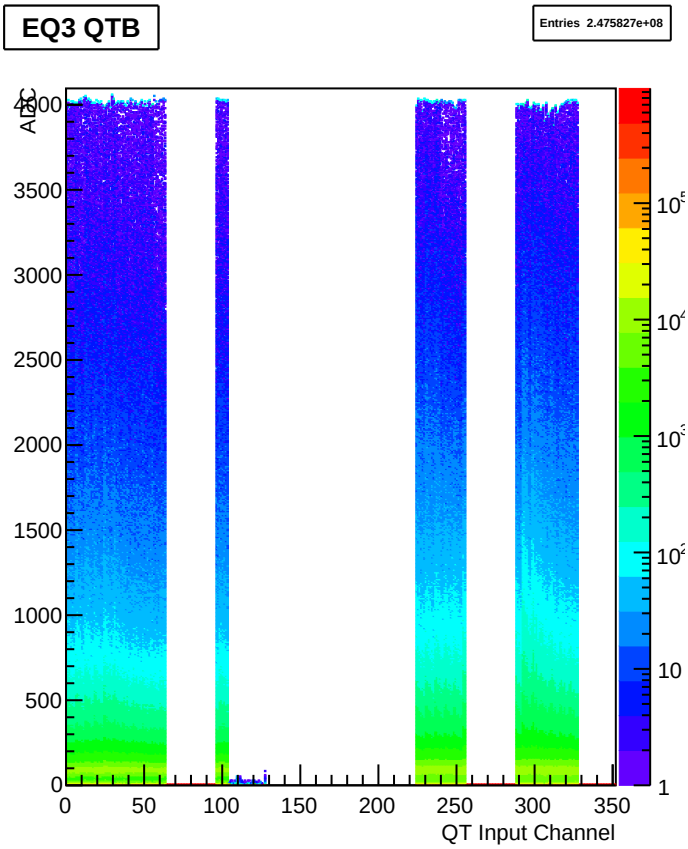

EQ1 QTC
Entries 9.284352e+07
TAC
QT Input Channel

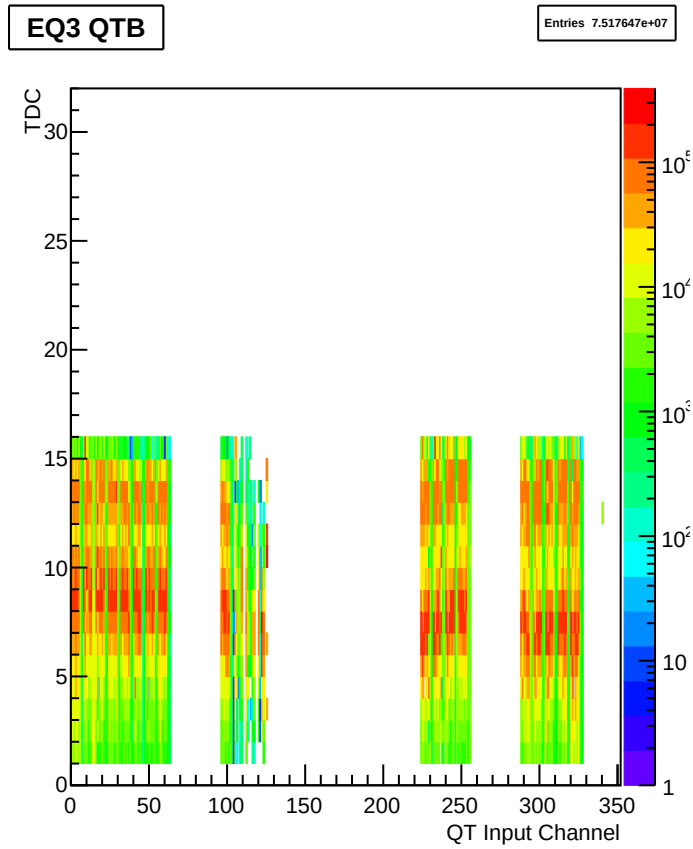

EQ2 QTB
Entries 2.785306e+08
ADC
QT Input Channel

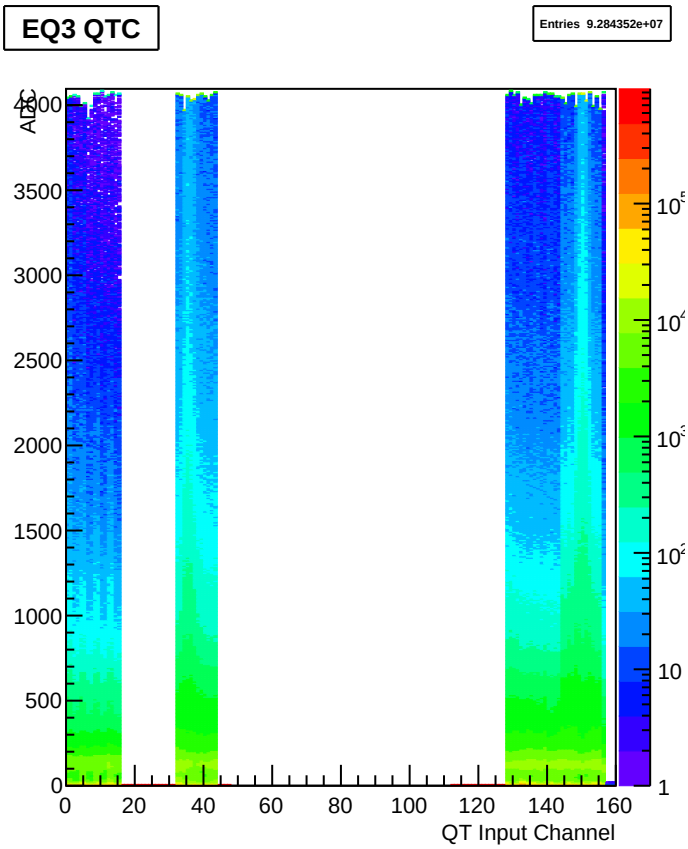

EQ2 QTB
Entries 8.830979e+07
TDC
QT Input Channel

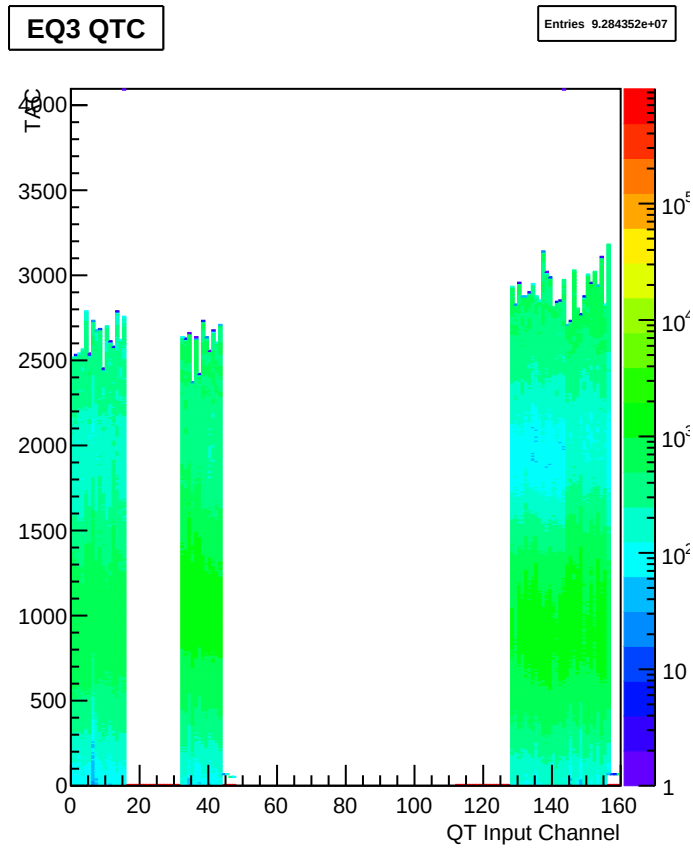

EQ2 QTC
Entries 9.284352e+07
ADC
QT Input Channel


EQ2 QTC
Entries 9.284352e+07
TAC
QT Input Channel


EQ3 QTB
Entries 2.475827e+08
ADC
QT Input Channel

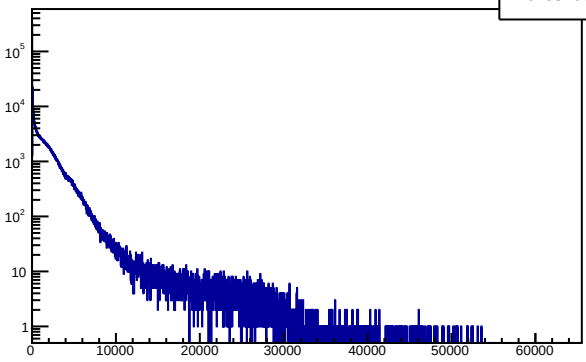

EQ3 QTB
Entries 7.517647e+07
TDC
QT Input Channel


EQ3 QTC
Entries 9.284352e+07
ADC
QT Input Channel


EQ3 QTC
Entries 9.284352e+07
TAC
QT Input Channel

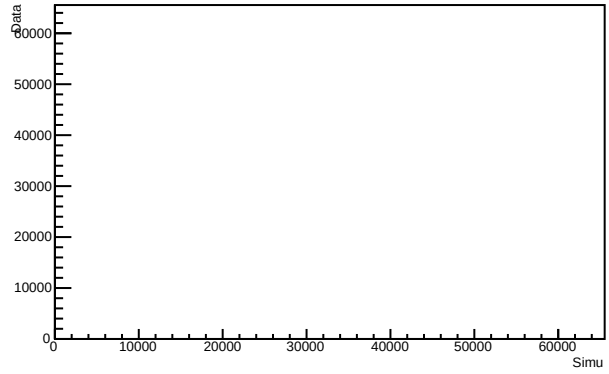
bbcSmallEastAdcSum

Entries 967120



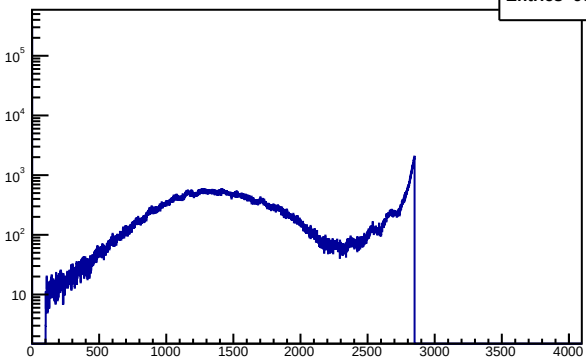
bbcSmallEastAdcSumVsSimu

Entries 0



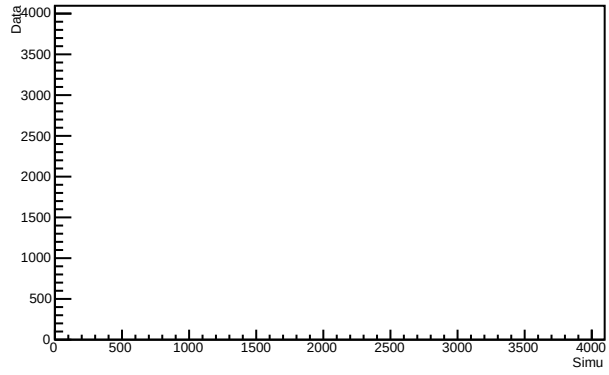
bbcSmallEastTacMax

Entries 967120



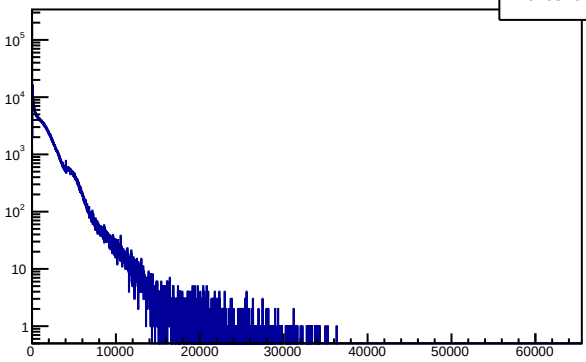
bbcSmallEastTacMaxVsSimu

Entries 0



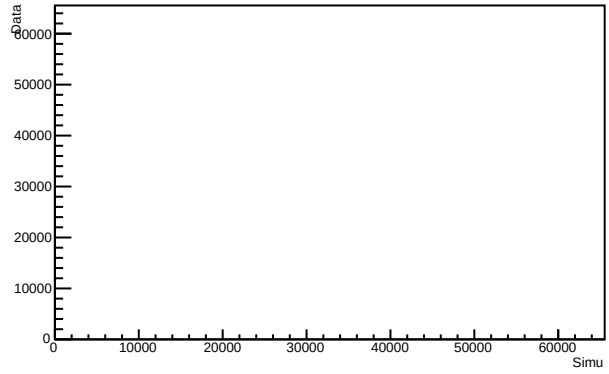
bbcSmallWestAdcSum

Entries 967120



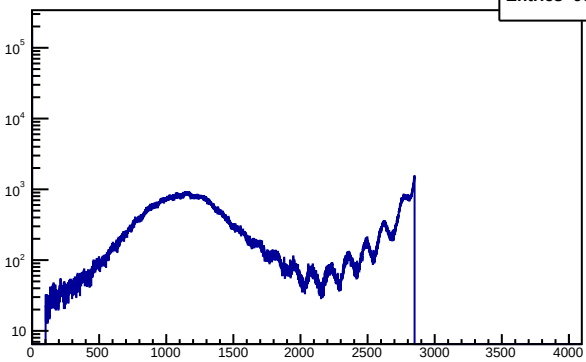
bbcSmallWestAdcSumVsSimu

Entries 0



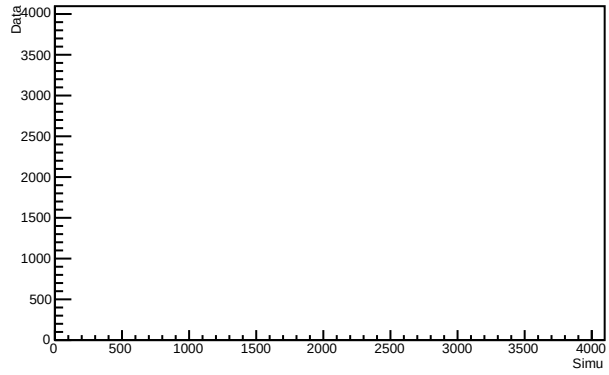
bbcSmallWestTacMax

Entries 967120



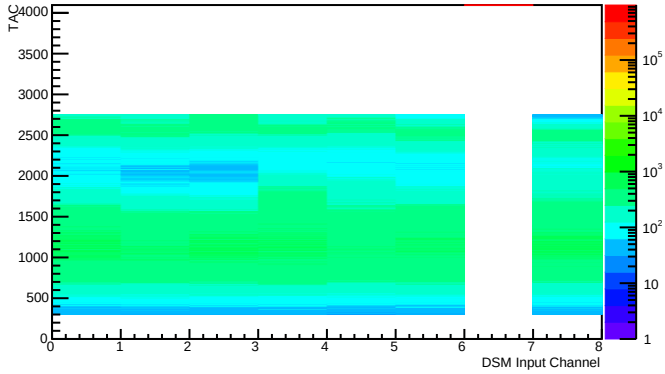
bbcSmallWestTacMaxVsSimu

Entries 0



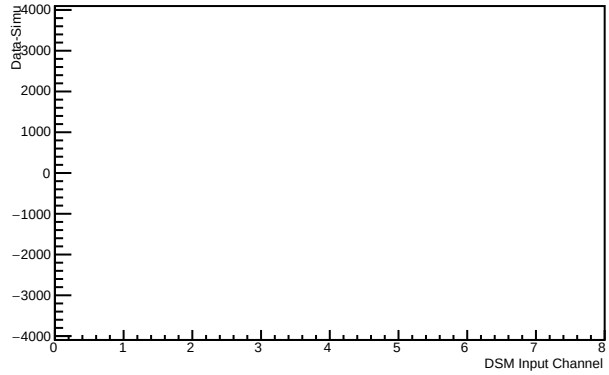
epdEastTacMax

Entries 7736960



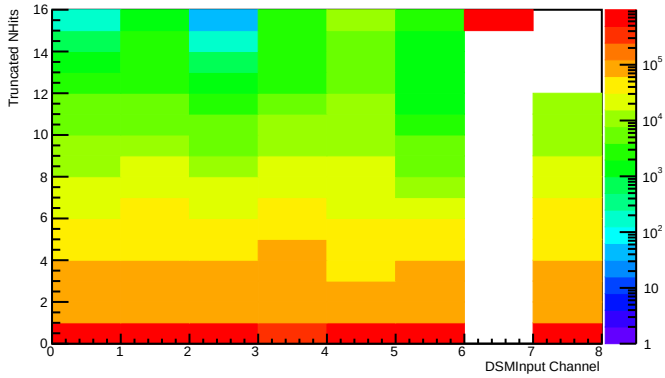
epdEastTacMaxVsSimu

Entries 0



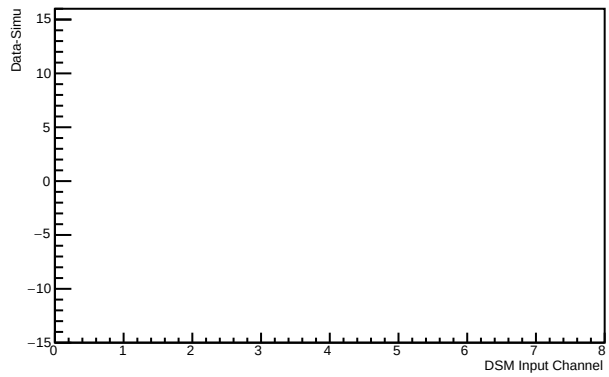
epdEastTHits

Entries 7736960



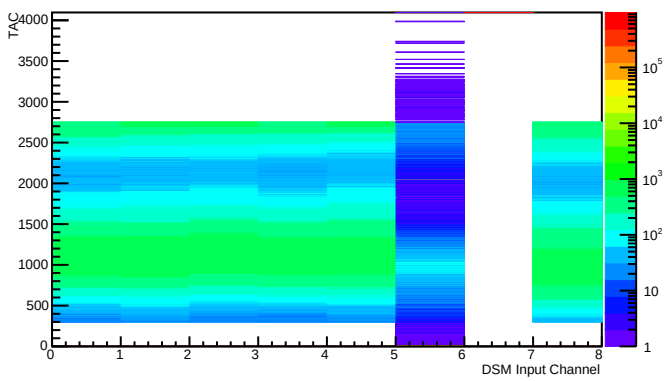
epdEastTHitsVsSimu

Entries 0



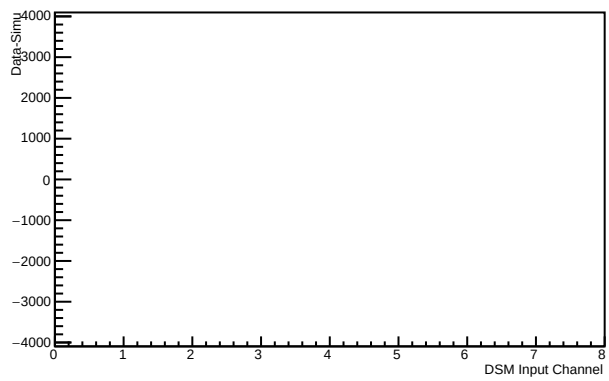
epdWestTacMax

Entries 7736960



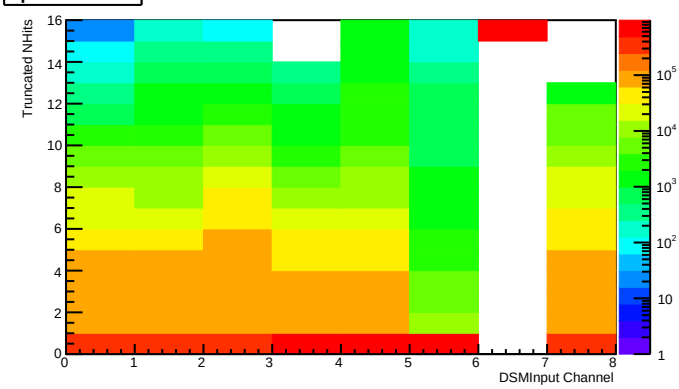
epdWestTacMaxVsSimu

Entries 0



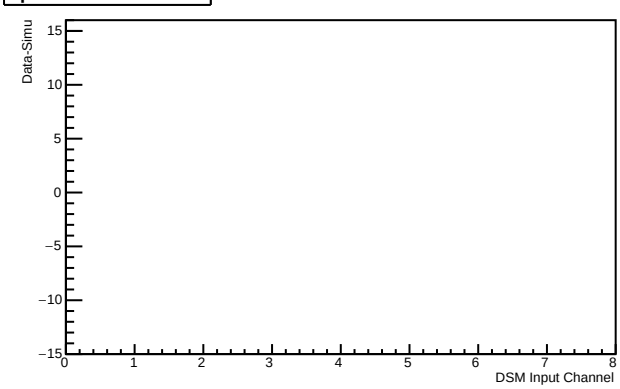
epdWestTHits

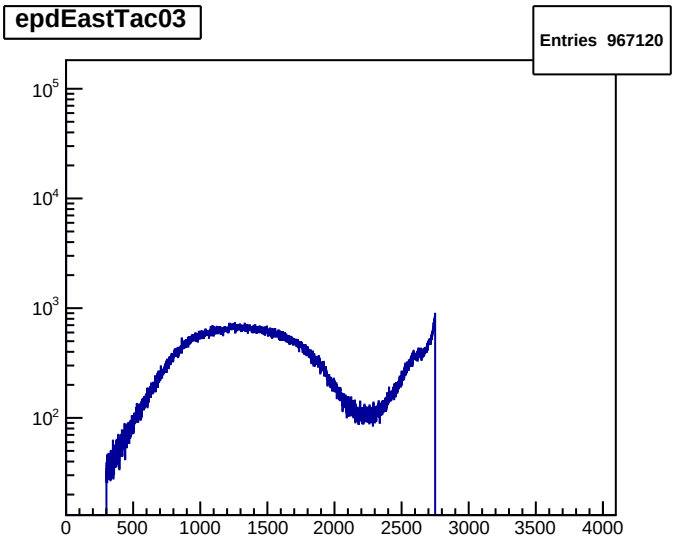
Entries 7736960

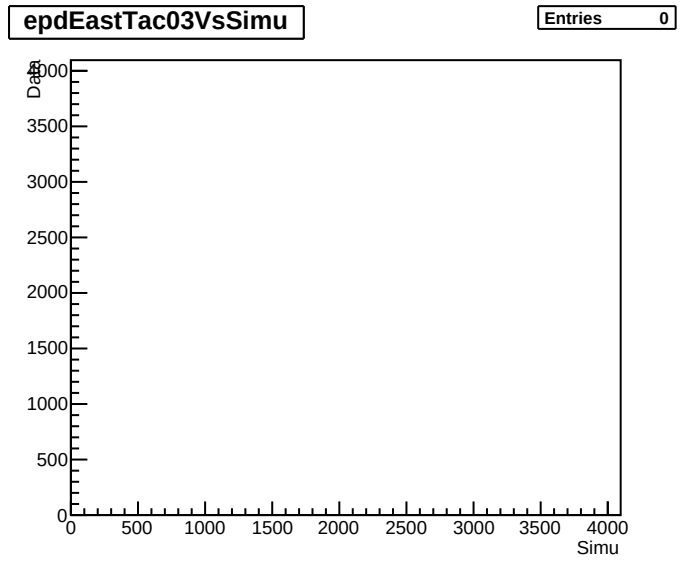


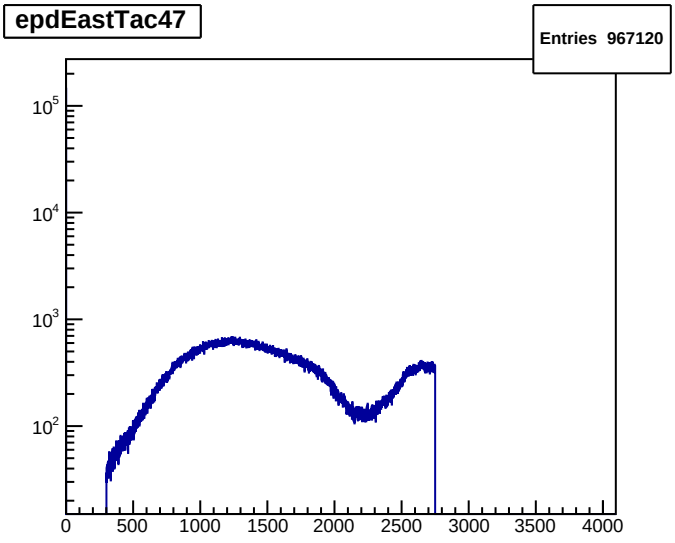
epdWestTHitsVsSimu

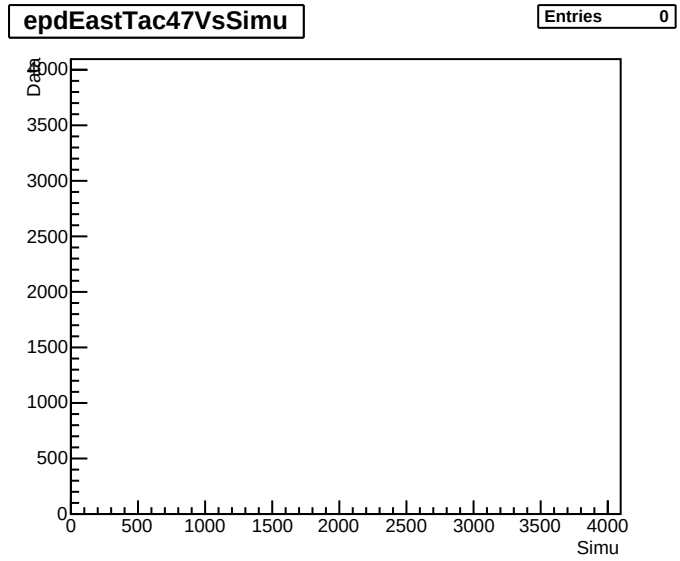
Entries 0

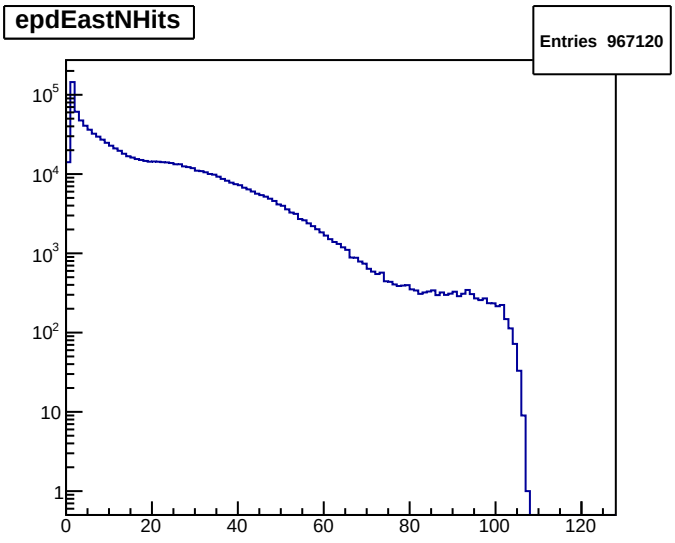


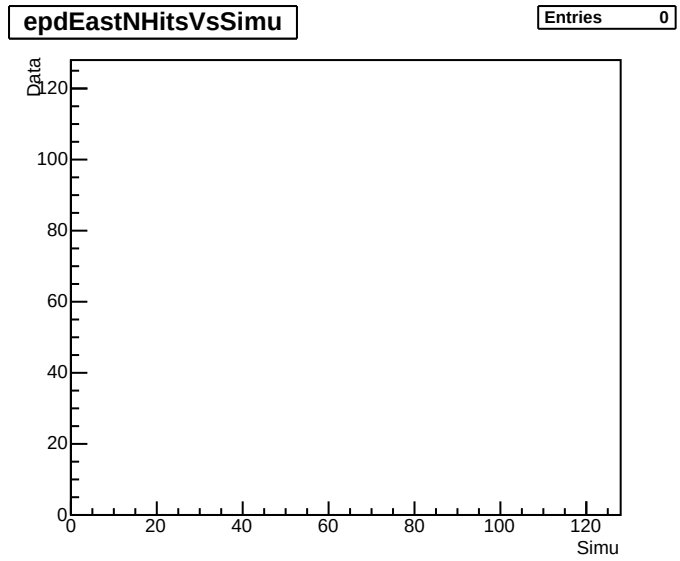

epdEastTac03
Entries 967120

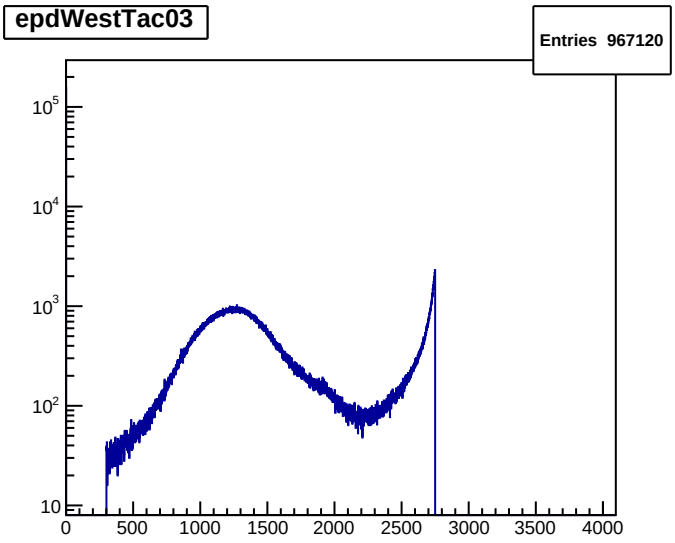

epdEastTac03VsSimu
Entries 0
Data
Simu

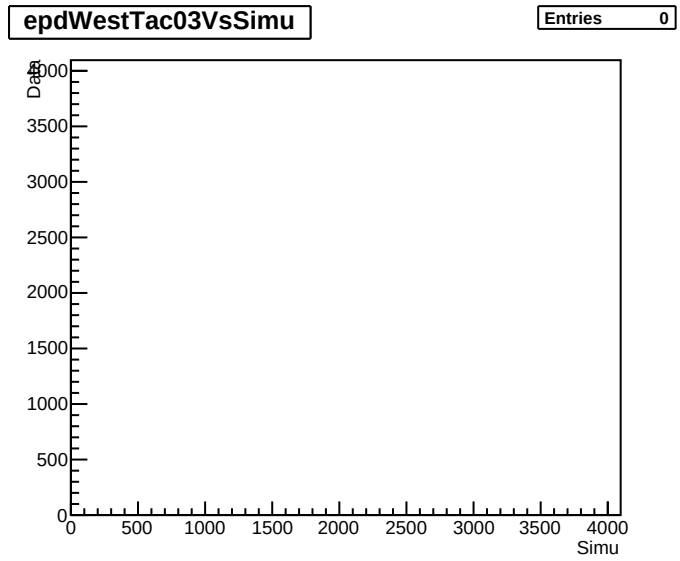

epdEastTac47
Entries 967120

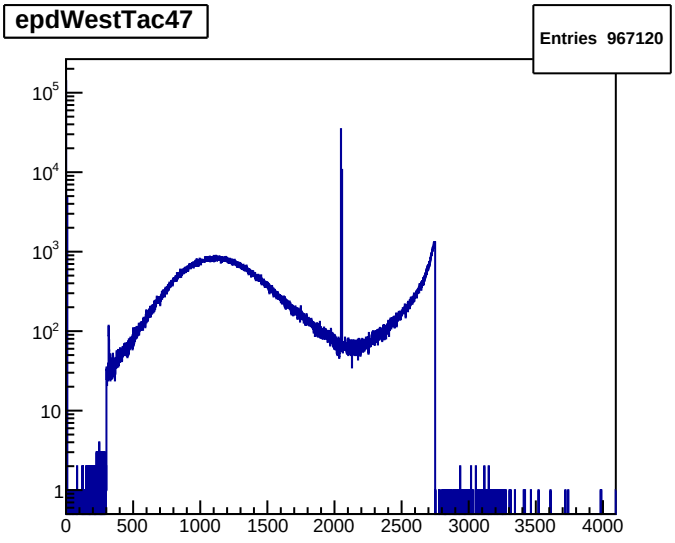

epdEastTac47VsSimu
Entries 0
Data
Simu

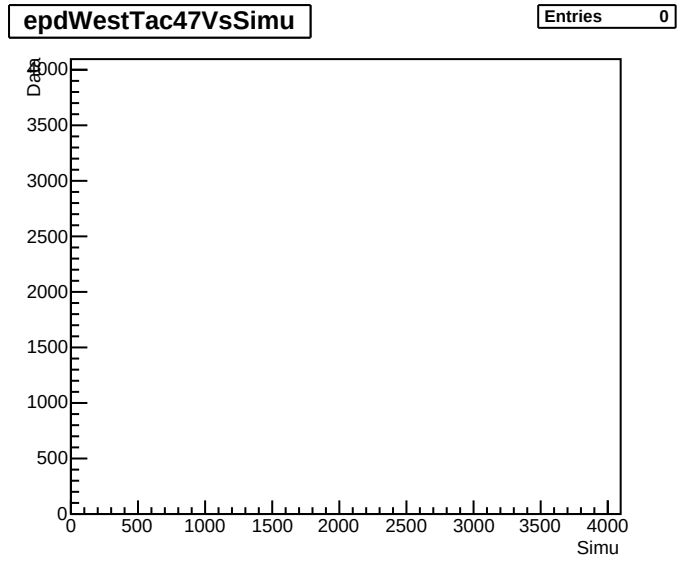

epdEastNHits
Entries 967120

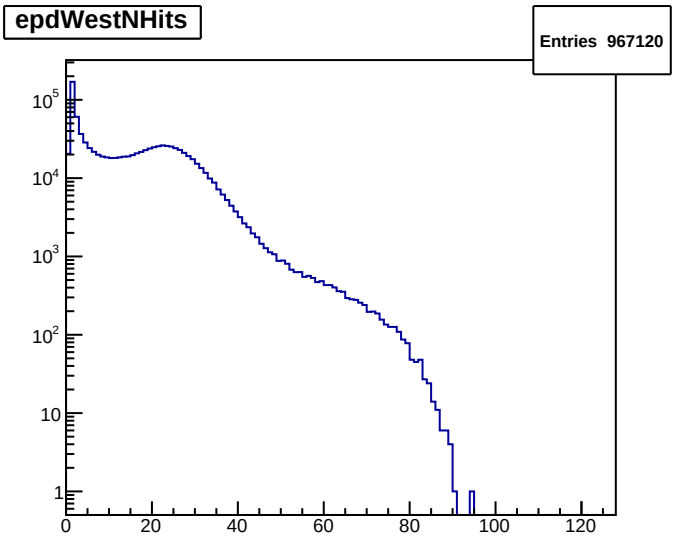

epdEastNHitsVsSimu
Entries 0
Data
Simu

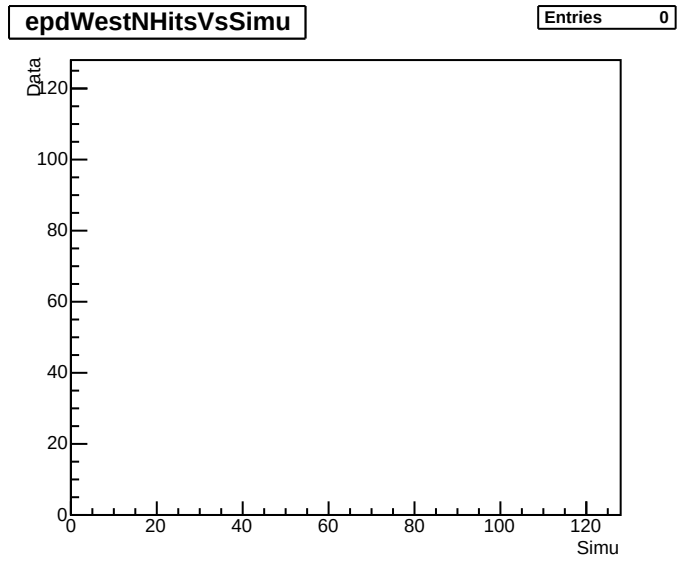

epdWestTac03
Entries 967120


epdWestTac03VsSimu
Entries 0
Data
Simu

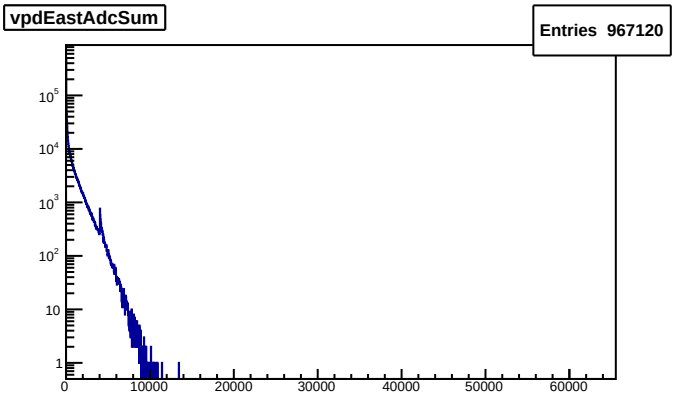

epdWestTac47
Entries 967120


epdWestTac47VsSimu
Entries 0
Data
Simu

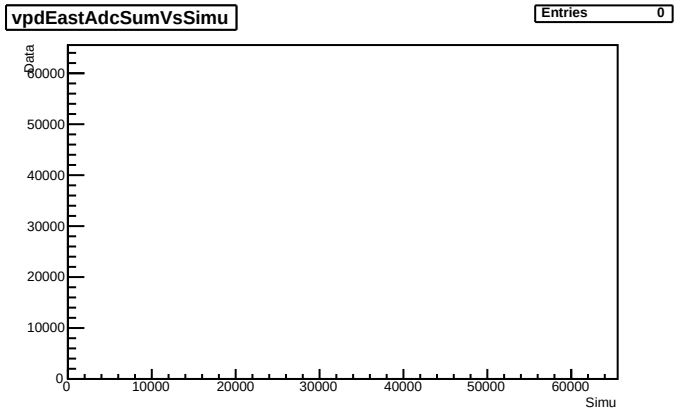

epdWestNHits
Entries 967120


epdWestNHitsVsSimu
Entries 0
Data
Simu

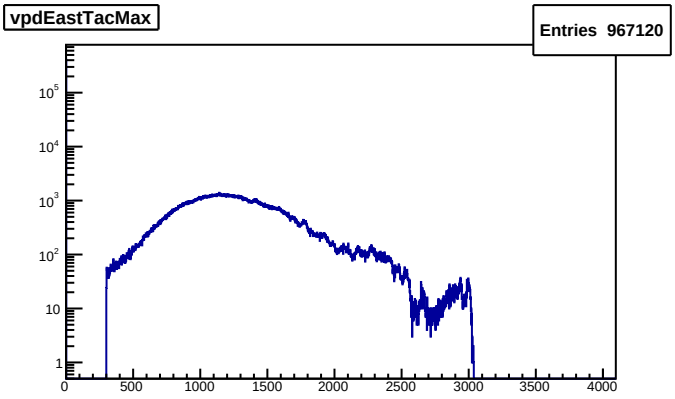
vpdEastAdcSum



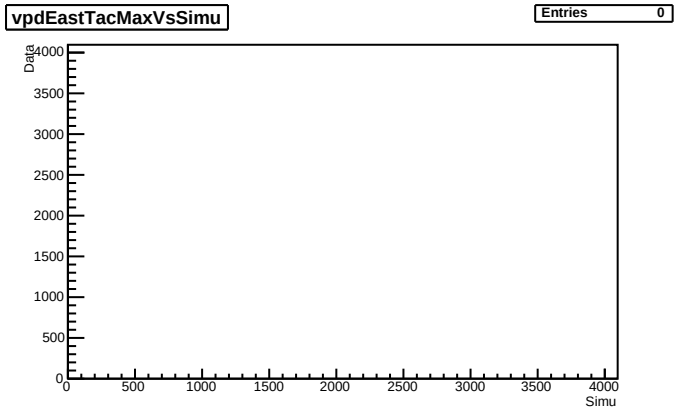
vpdEastAdcSumVsSimu



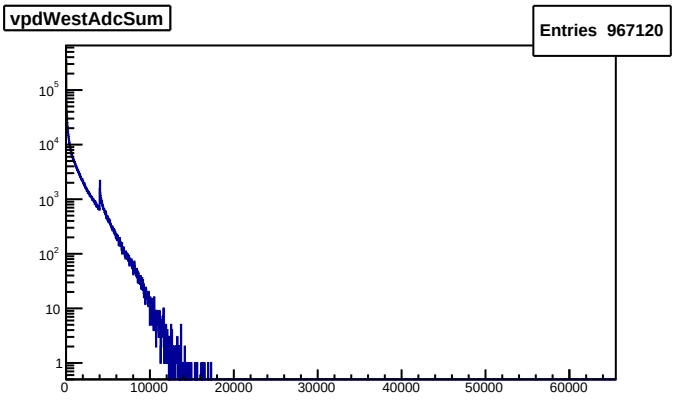
vpdEastTacMax



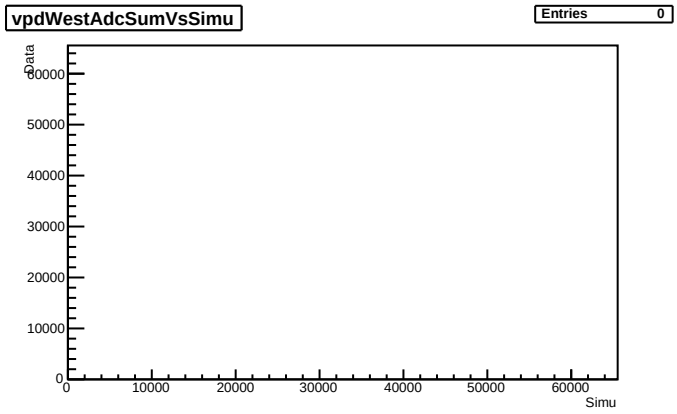
vpdEastTacMaxVsSimu



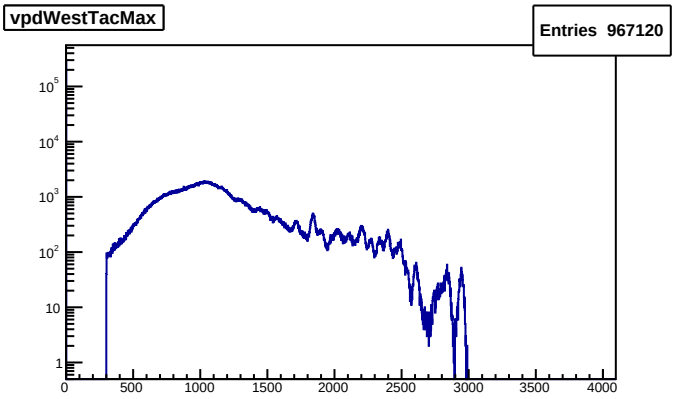
vpdWestAdcSum



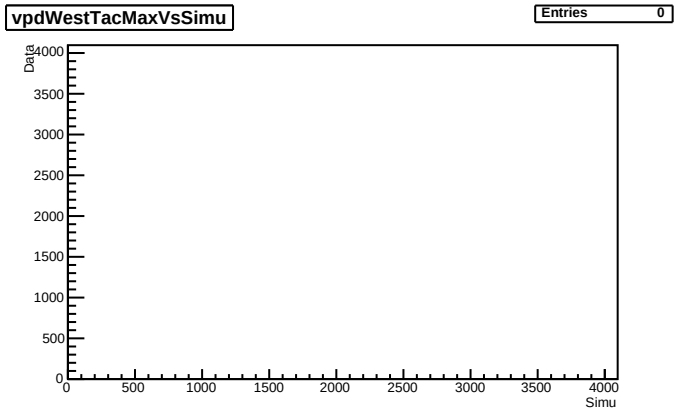
vpdWestAdcSumVsSimu

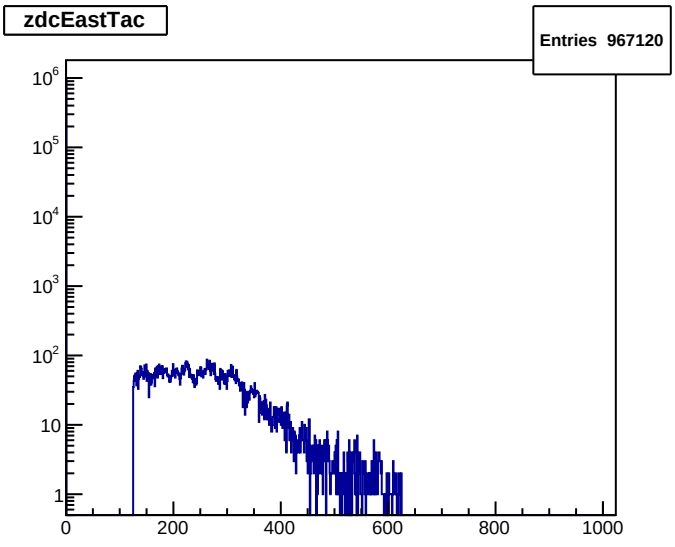


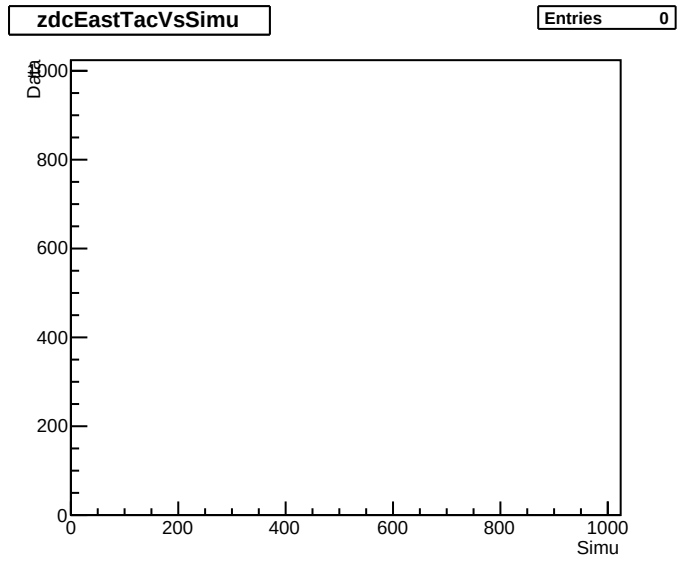
vpdWestTacMax

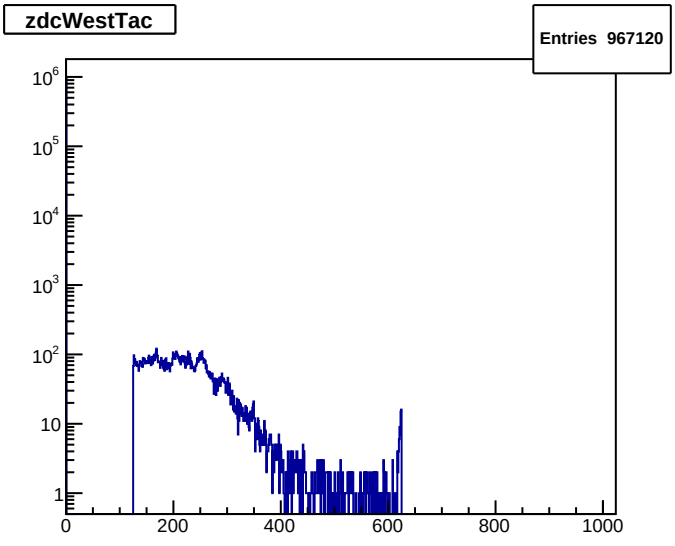


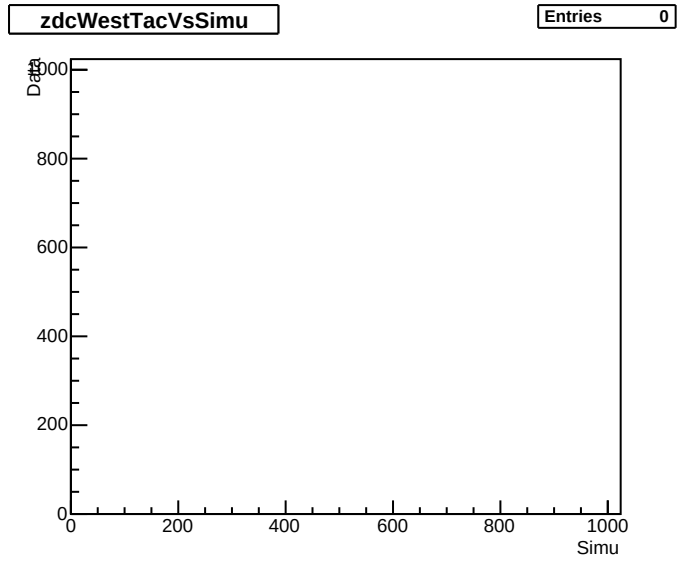
vpdWestTacMaxVsSimu

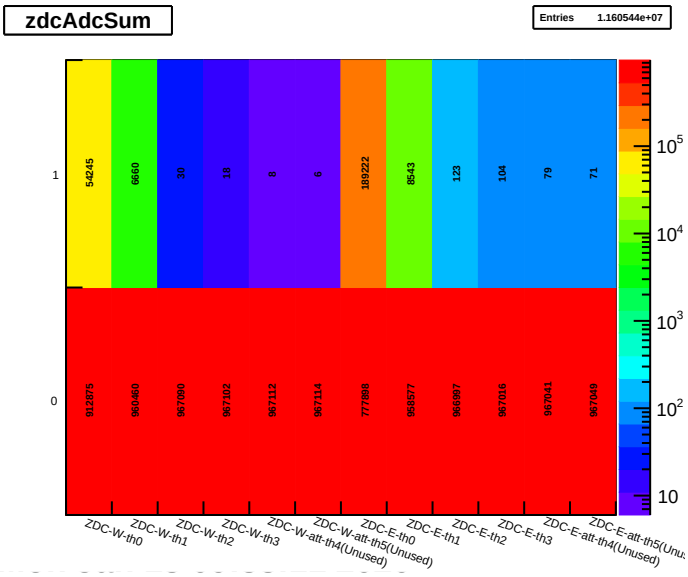


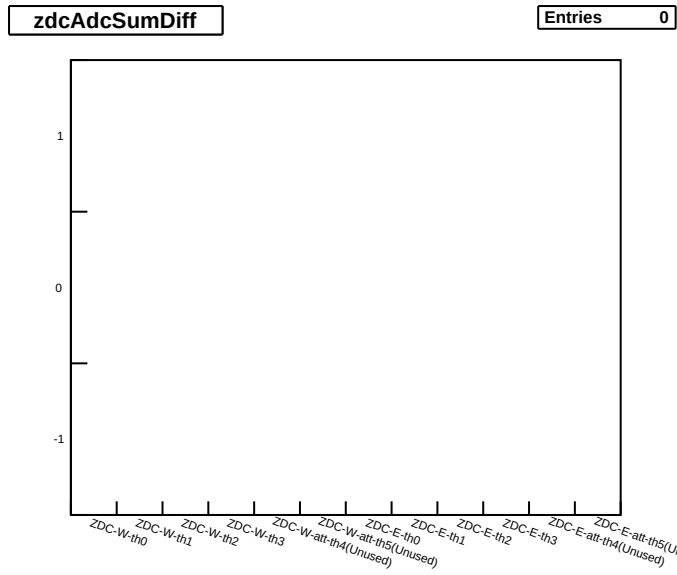

zdcEastTac
Entries 967120


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 967120

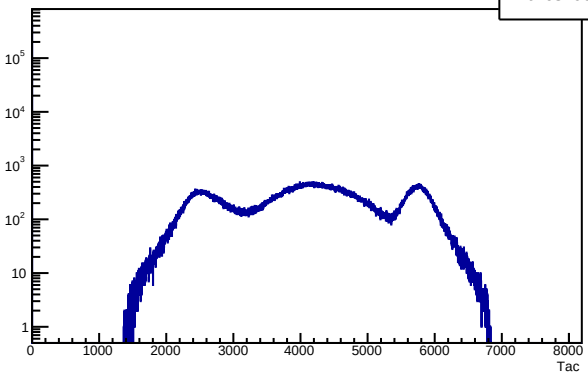

zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 1.160544e+07
54245
6660
30
18
8
6
18222
8543
123
104
79
71
912875
960460
967090
967102
967112
967114
777898
958577
966997
967016
967041
967049
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
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

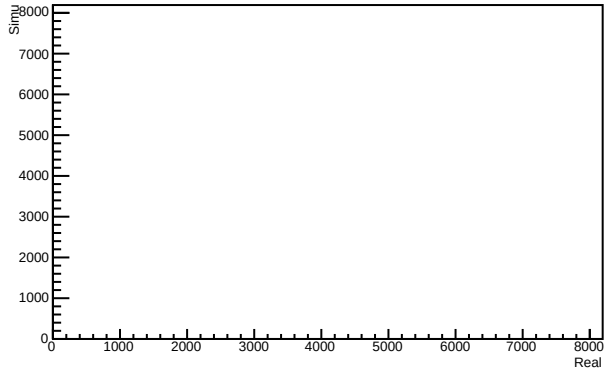
VT201 Input Ch0: BBC Small Tac Diff

Entries 967120



VT201 Input Ch0: BBC Small Tac Diff

Entries 0

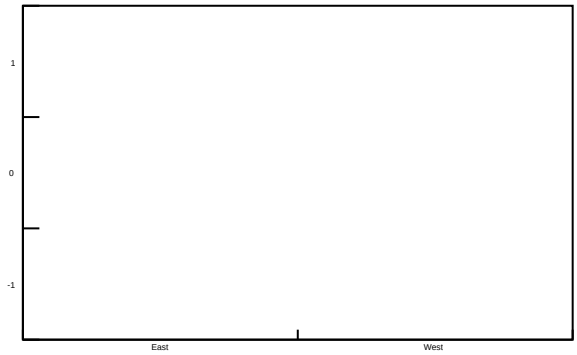


VT201 Input Ch0: BBC Small Adc Sum Th

Entries 1934240

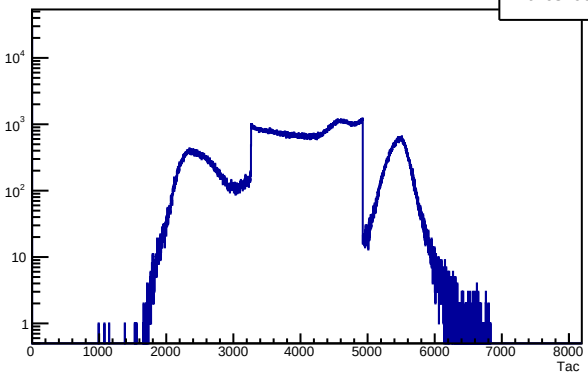
VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)

Entries 0



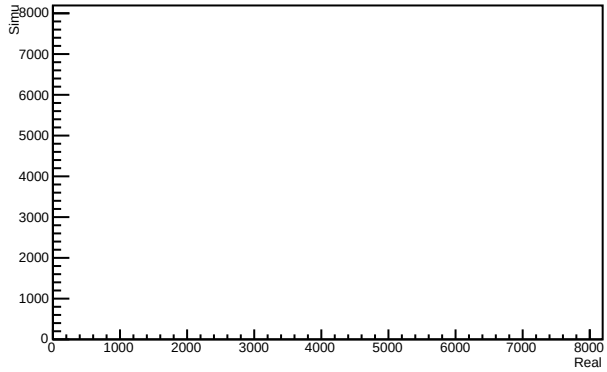
VT201 Input Ch1: EPD Tac Diff

Entries 967120



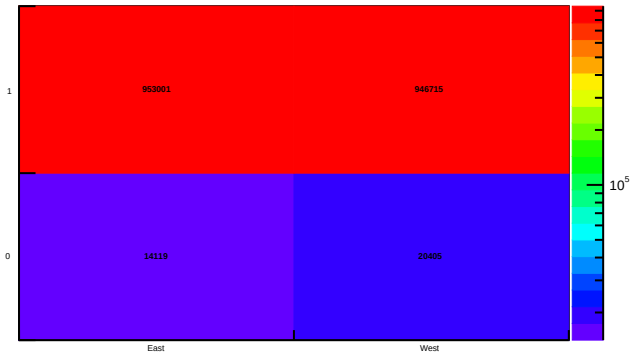
VT201 Input Ch1: EPD Tac Diff

Entries 0



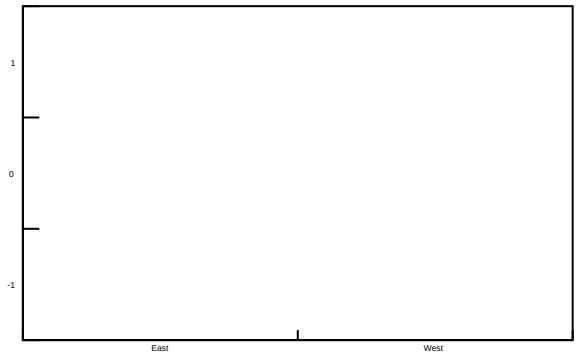
VT201 Input Ch1: EPD Hit Count Th

Entries 1934240



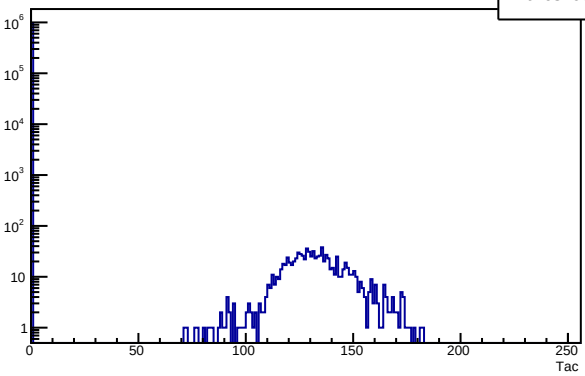
VT201 Input Ch1: EPD Hit Count Th (Real-Simu)

Entries 0



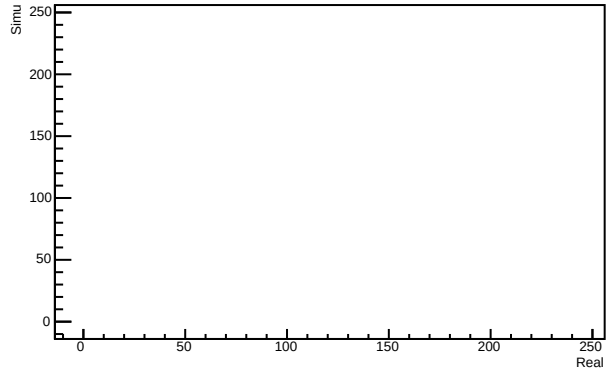
VT201 Input Ch2: ZDC Tac Diff

Entries 967120



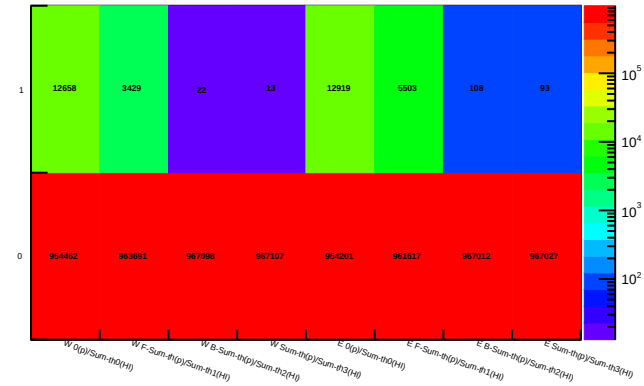
VT201 Input Ch2: ZDC Tac Diff

Entries 0



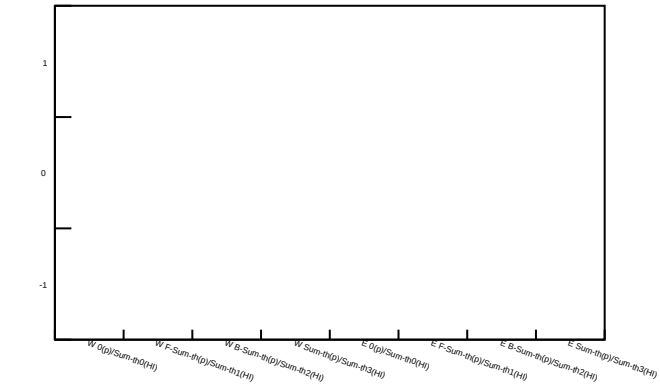
VT201 Input Ch2: ZDC Adc Sum Th

Entries 7736960



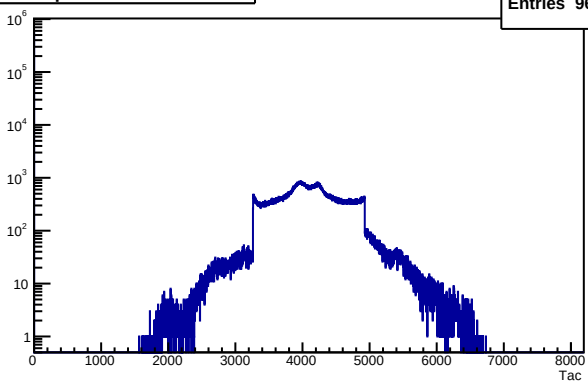
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)

Entries 0



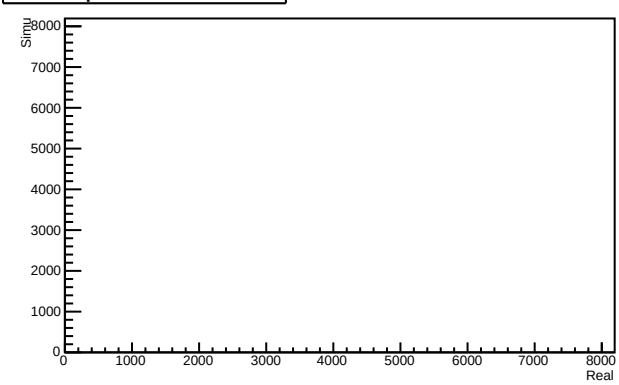
VT201 Input Ch4: VPD Tac Diff

Entries 967120



VT201 Input Ch4: VPD Tac Diff

Entries 0

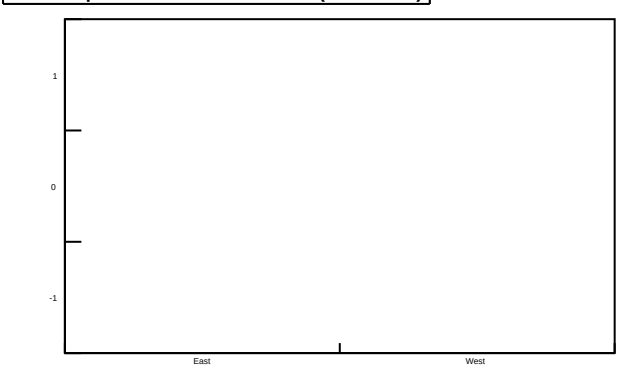


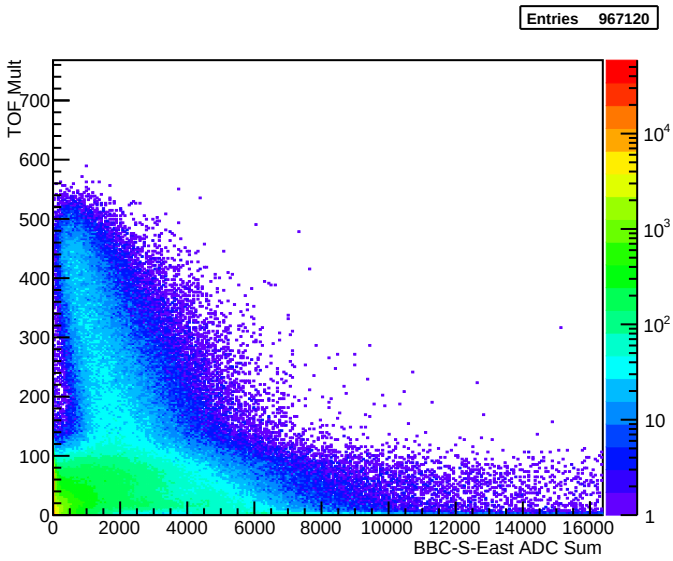
VT201 Input Ch4: VPD Adc Sum Th

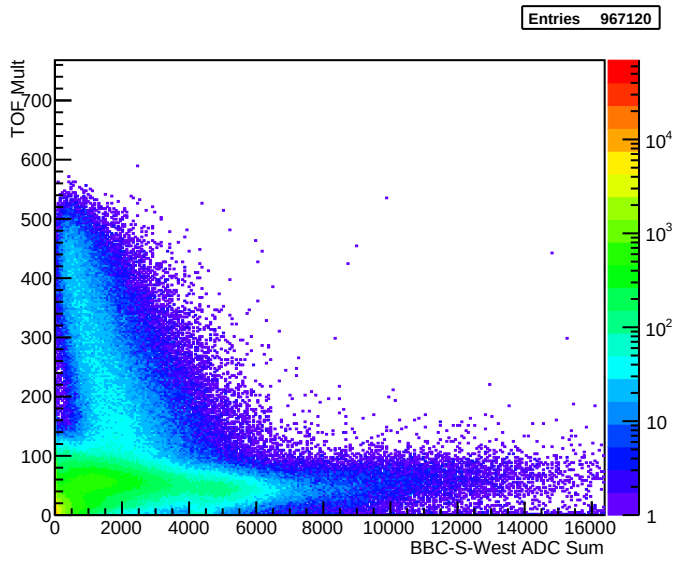
Entries 1934240

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

Entries 0




Entries 967120
TOF_Mult
BBC-S-East ADC Sum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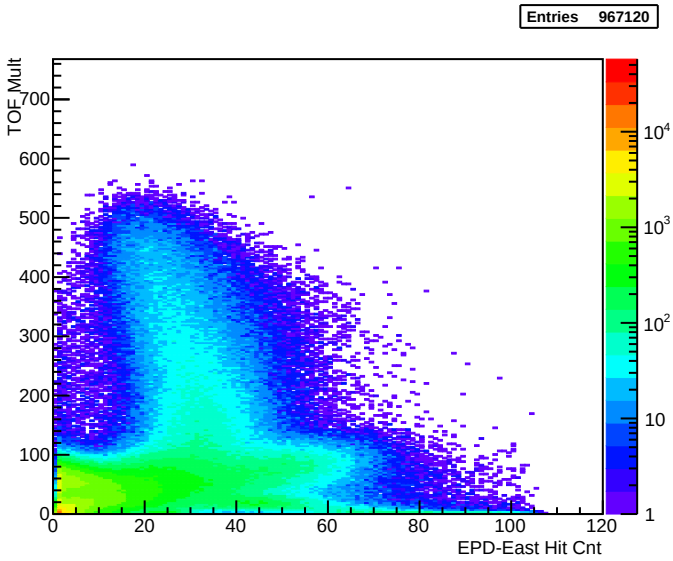
TOF_Mult
BBC-S-West ADC Sum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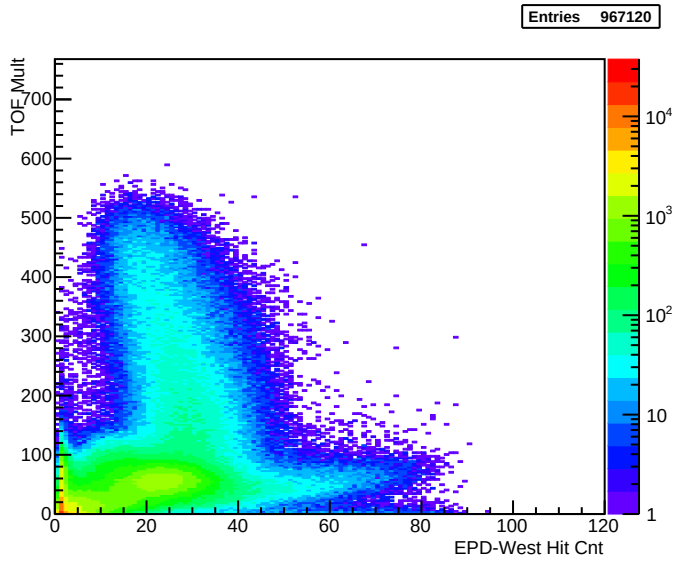
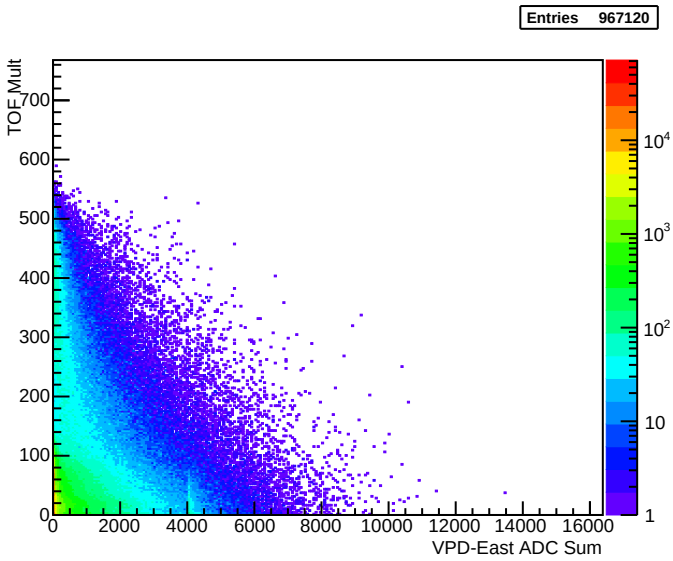
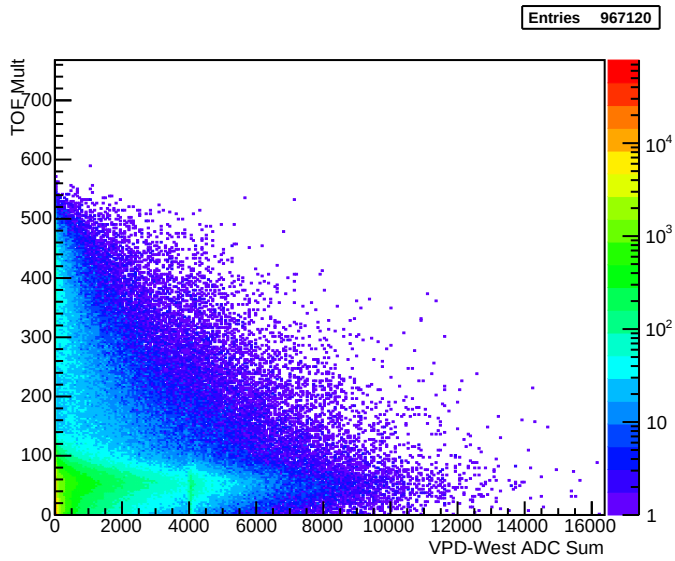
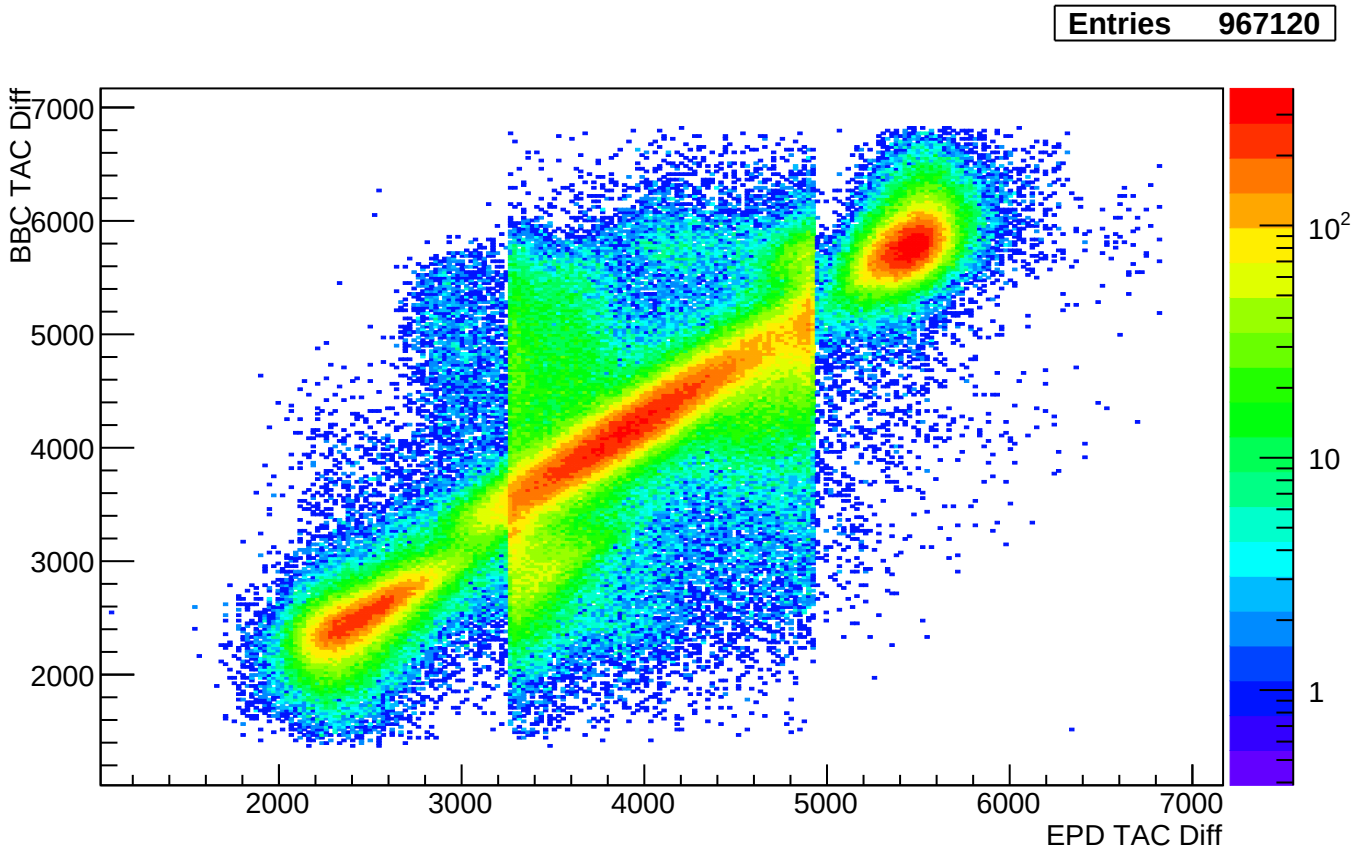
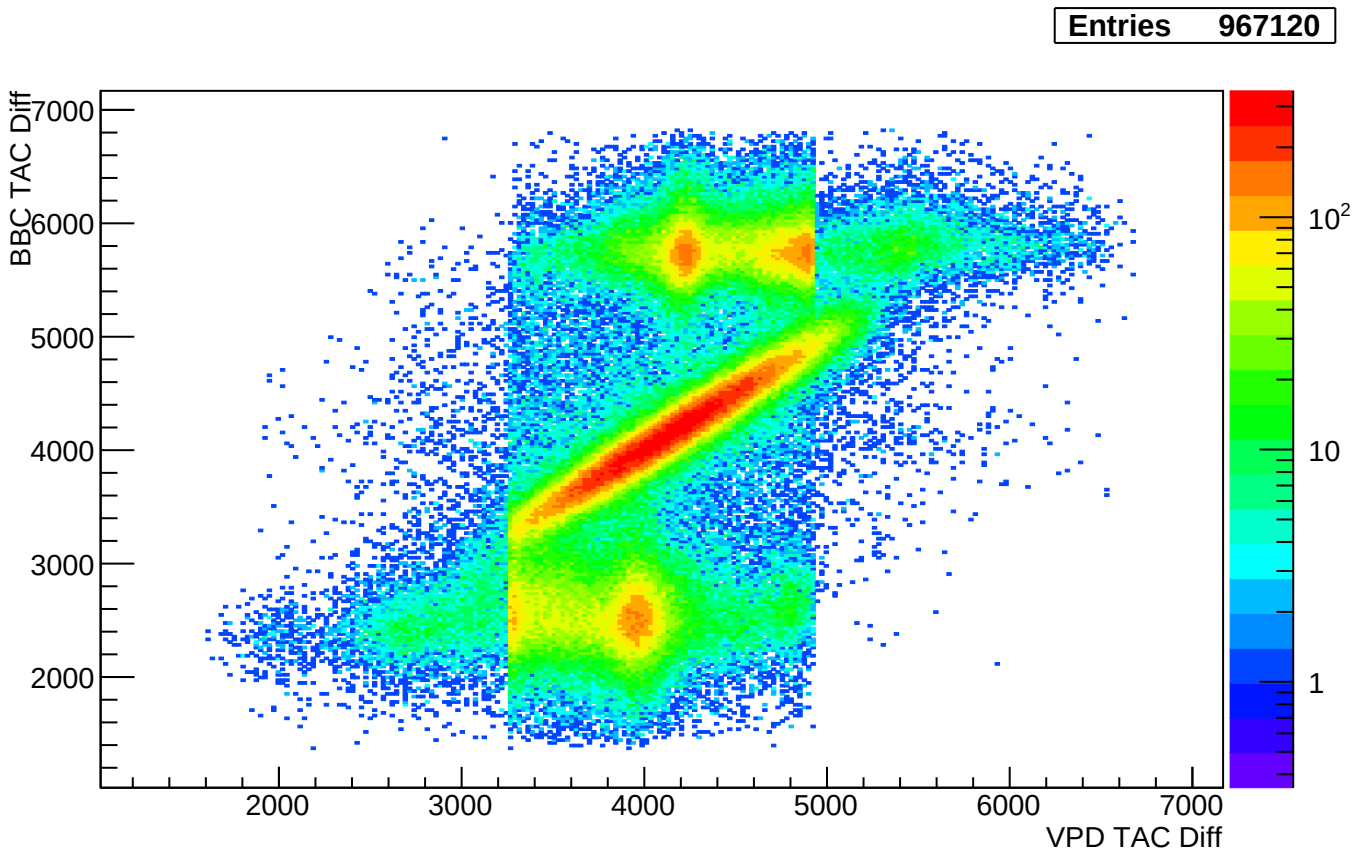
TOF_Mult
EPD-East Hit Cnt

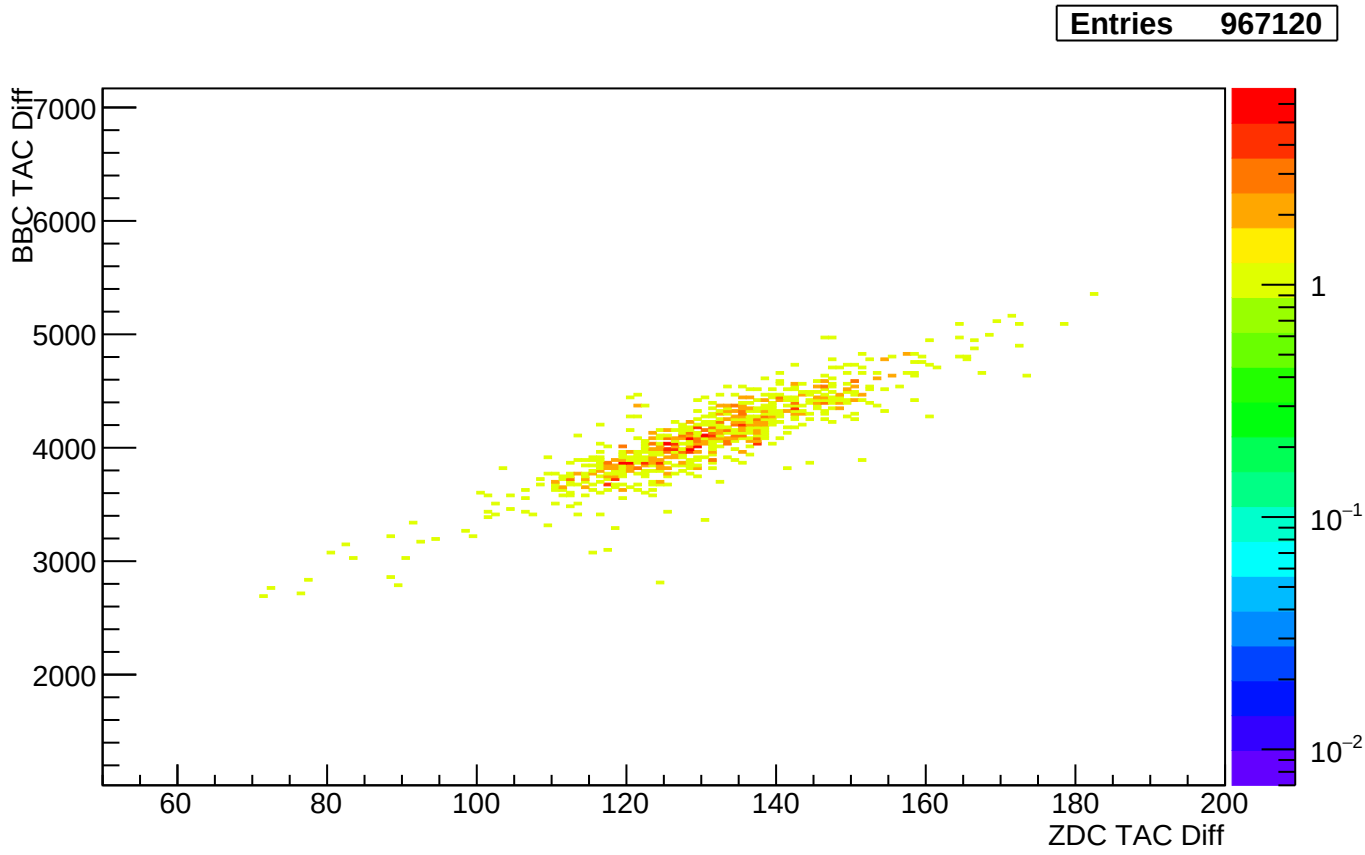

Entries 967120
TOF_Mult
EPD-West Hit Cnt

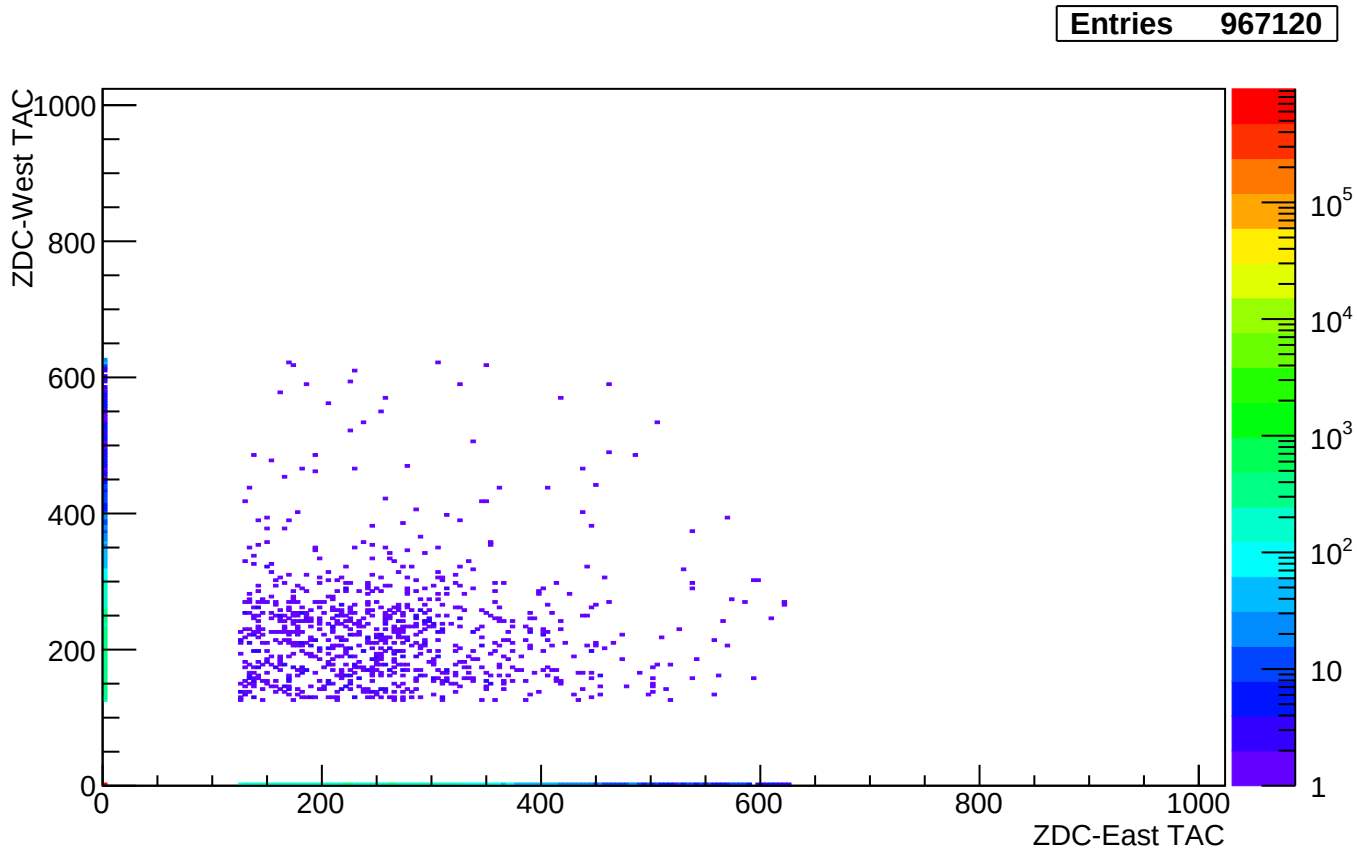

Entries 967120
TOF_Mult
VPD-East ADC Sum


Entries 967120
TOF_Mult
VPD-West ADC Sum

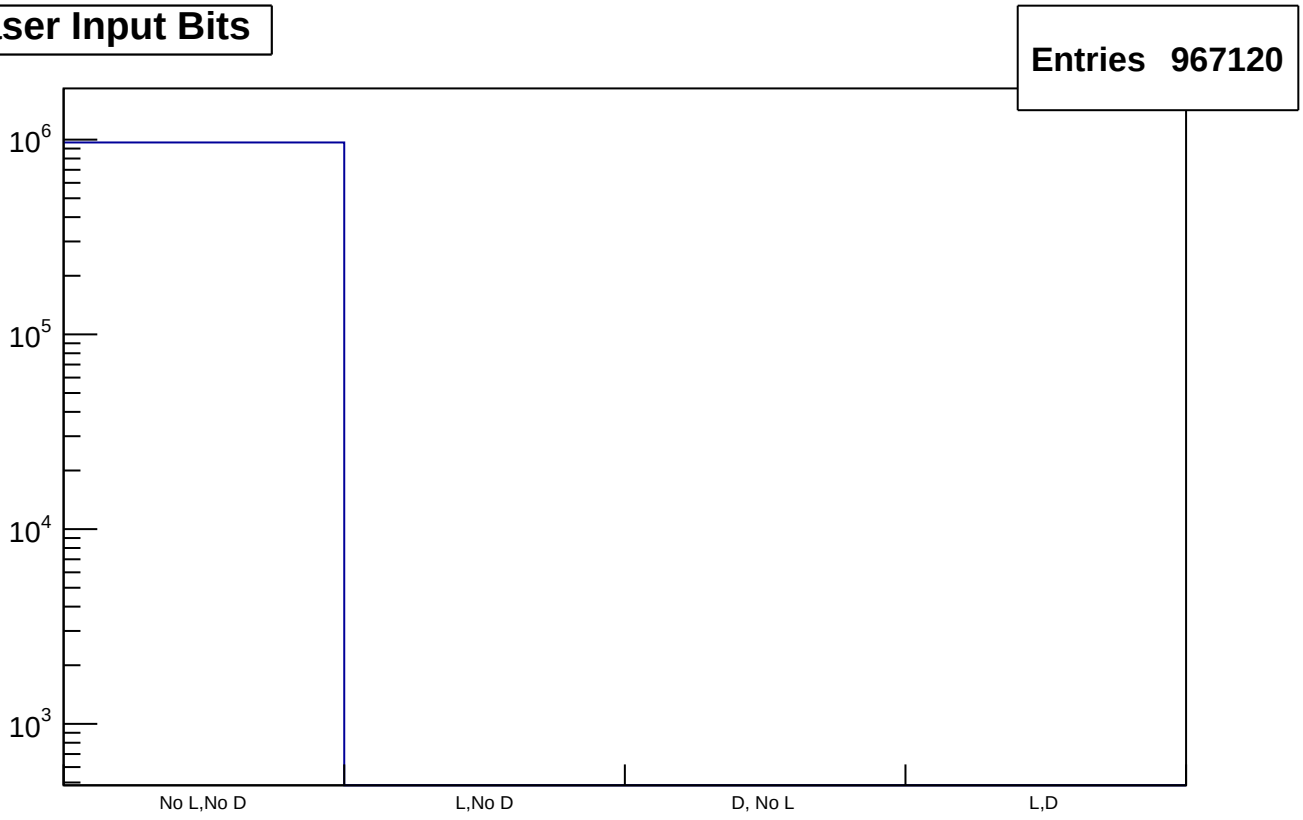

Entries 967120
BBC TAC Diff
EPD TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
10^2
10
1


Entries 967120
BBC TAC Diff
VPD TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
10^2
10
1

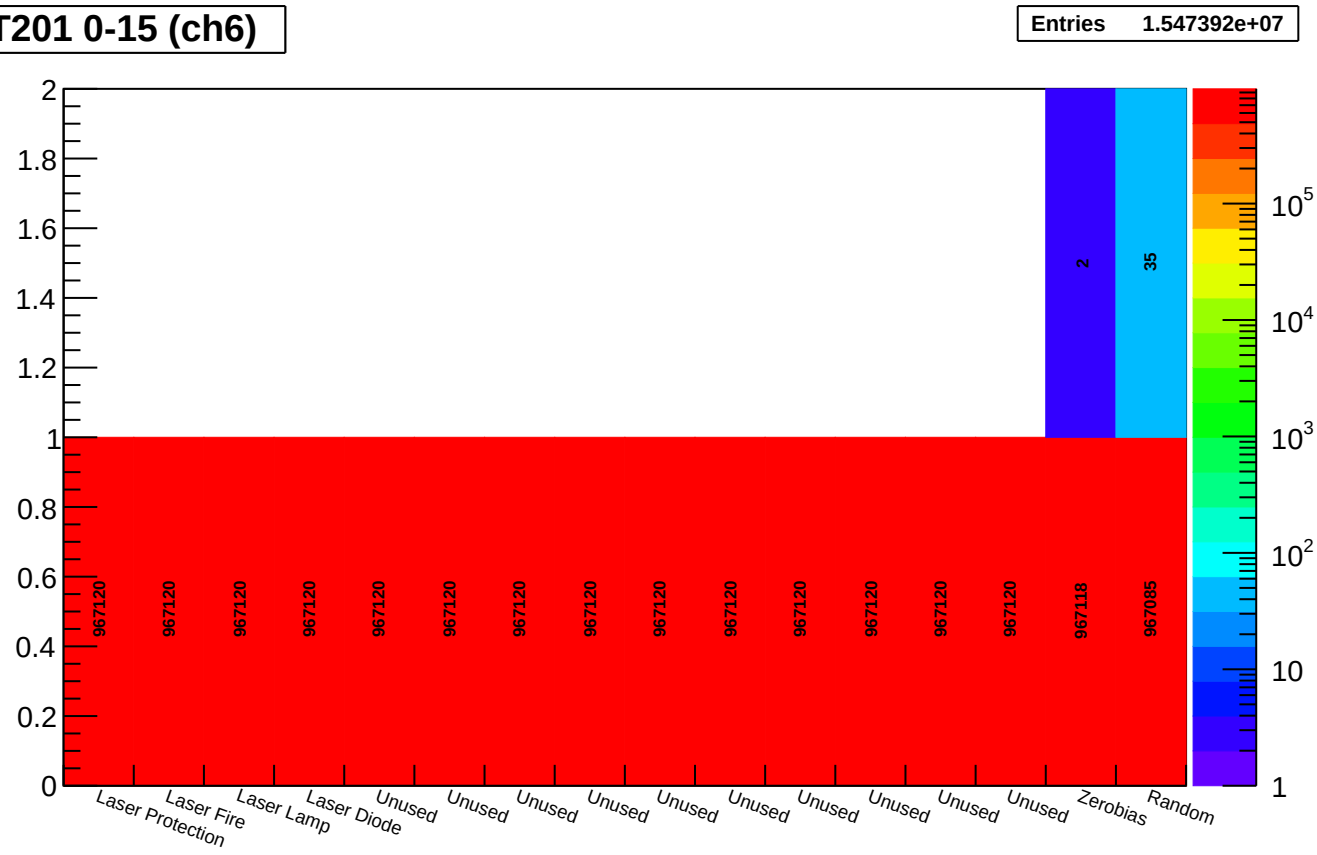

Entries 967120
BBC TAC Diff
ZDC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
1
10^{-1}
10^{-2}


Entries 967120
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

Laser Input Bits



ST201 0-15 (ch6)



TF201 0-15 (ch0)
Entries 1.547392e+07
967120
957275
857226
818733
572600
778877
779481
771106
967120
967120
967120
967120
967120
967120
9845
109894
148387
394520
967120
188243
187639
196014
967120
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused

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

VT201 0-15 (ch1)
Entries 1.547392e+07
227215
655648
787643
695754
953001
946715
931
12919
12658
944
816601
907778
396290
559370
671742
739905
311472
179477
271366
14119
20405
966189
954201
954462
966176
967120
150519
59342
570830
407750
295378
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

VT201 0-15 (ch1)
Entries 0
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 1.547392e+07
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused

EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused