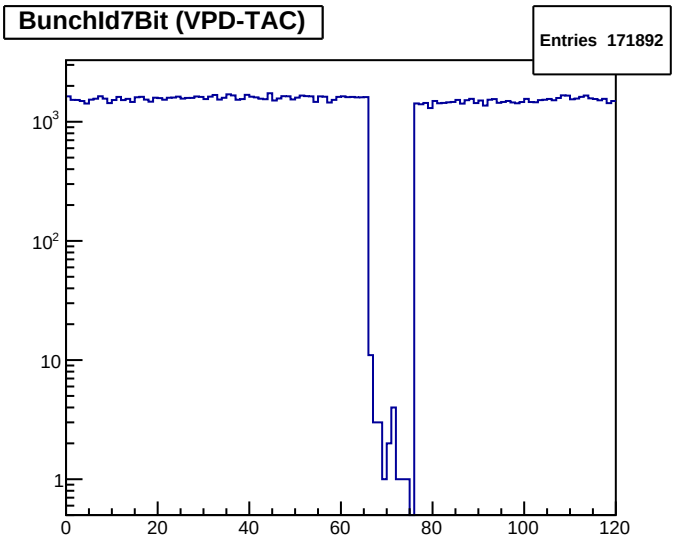
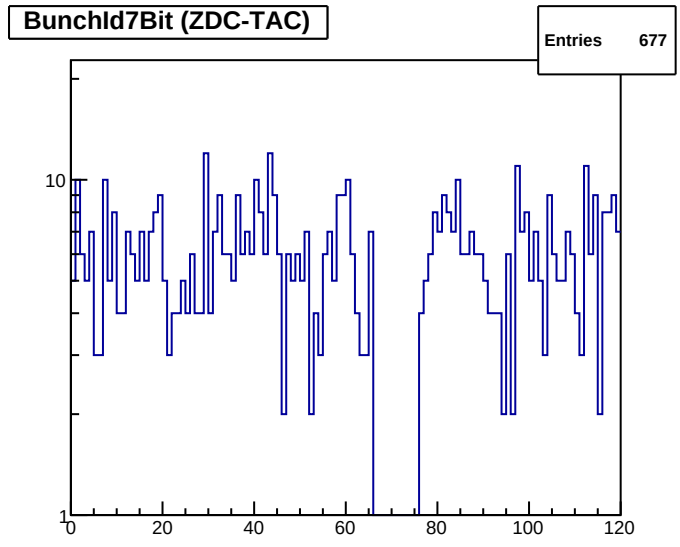
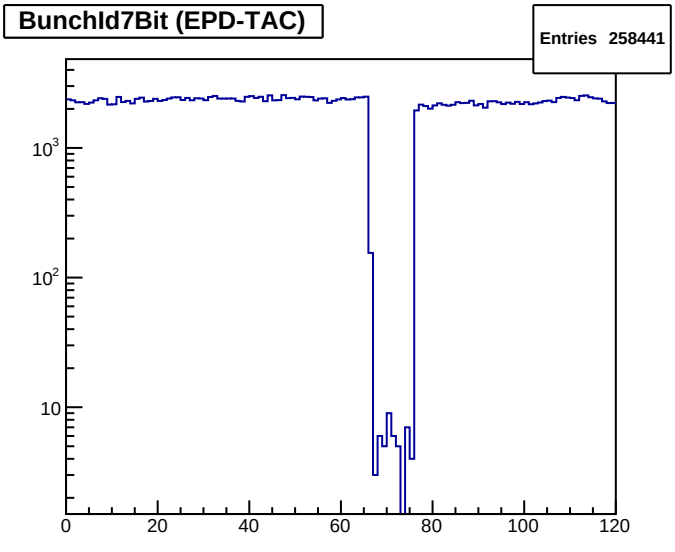
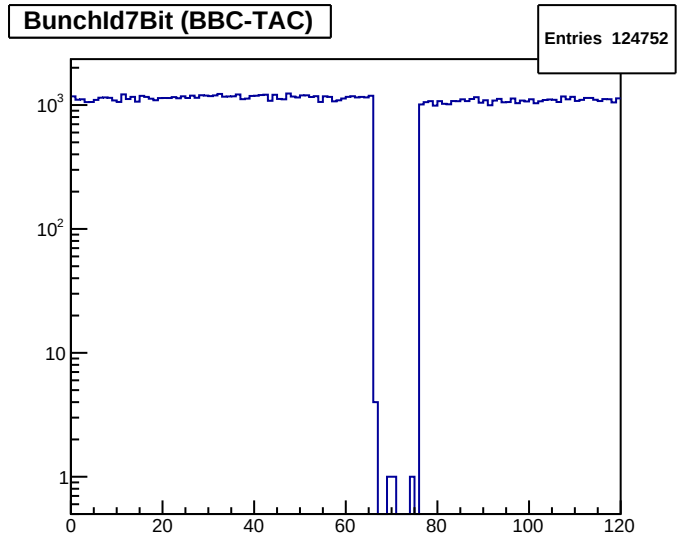
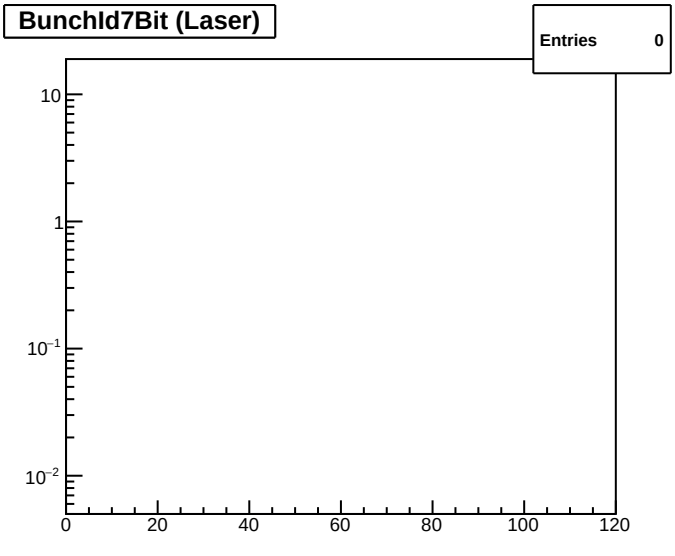
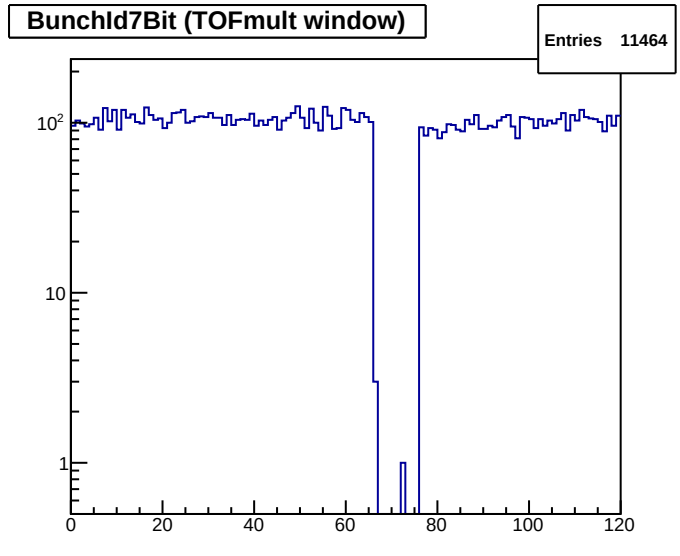

BunchId7Bit (VPD-TAC)
Entries 171892

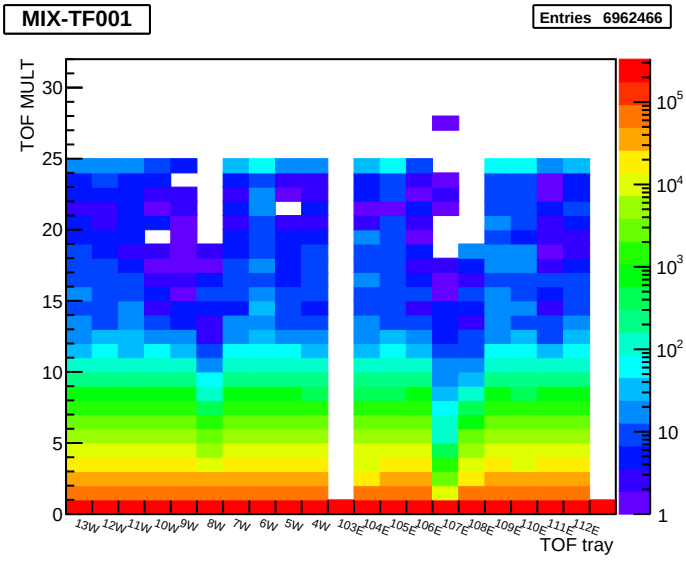

BunchId7Bit (ZDC-TAC)
Entries 677

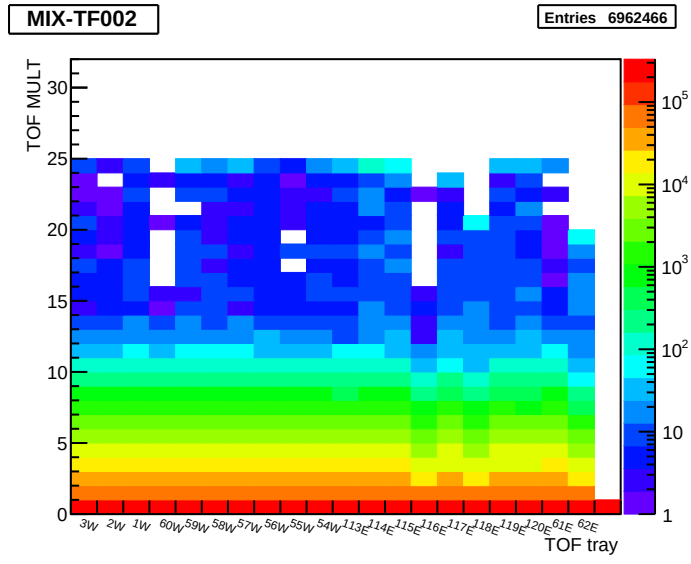

BunchId7Bit (EPD-TAC)
Entries 258441

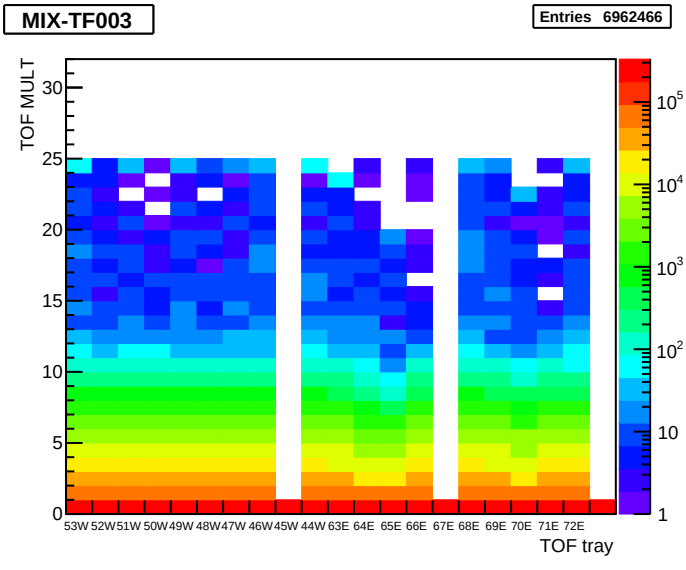

BunchId7Bit (BBC-TAC)
Entries 124752

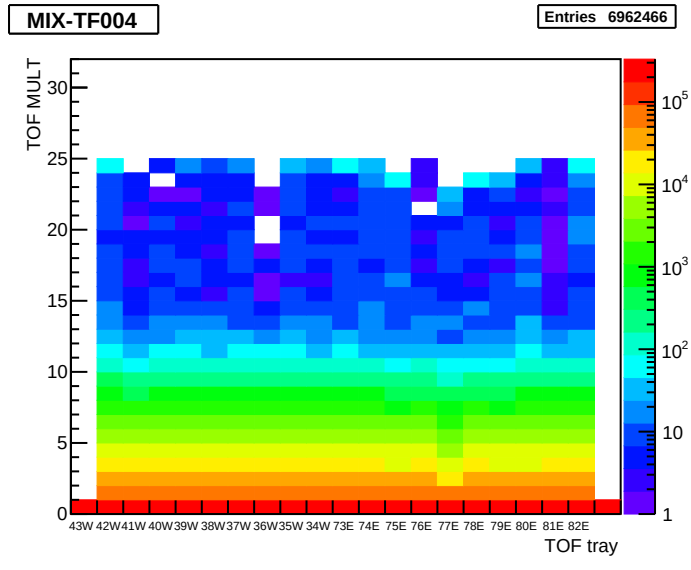

BunchId7Bit (Laser)
Entries 0

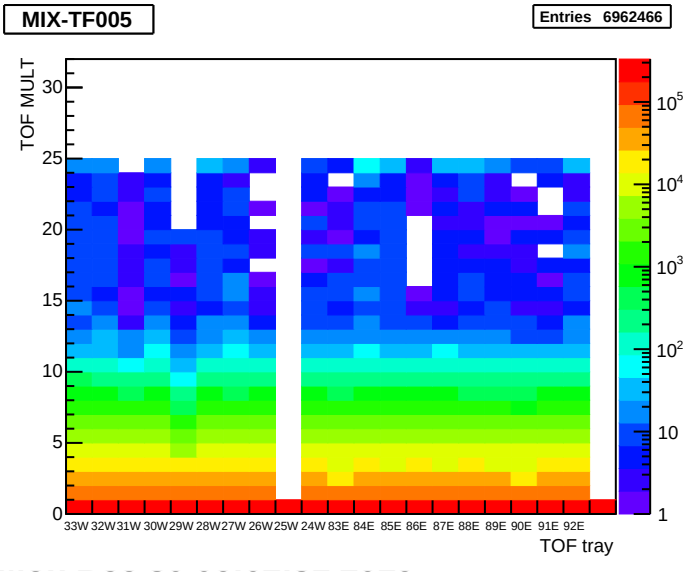

BunchId7Bit (TOFmult window)
Entries 11464

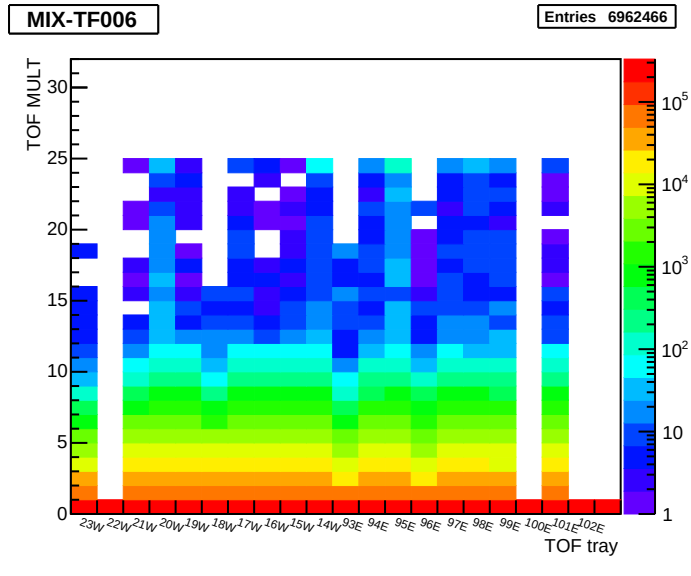

MIX-TF001
Entries 6962466
TOF MULT
TOF tray

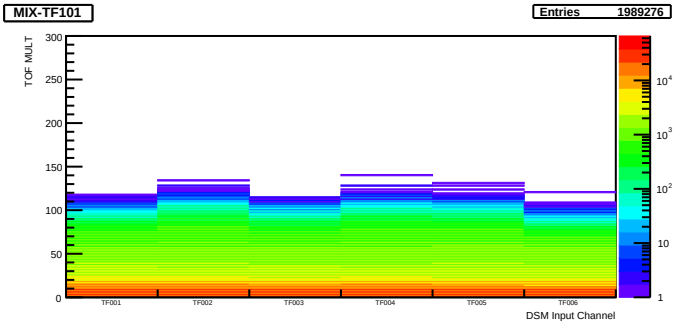

MIX-TF002
Entries 6962466
TOF MULT
TOF tray

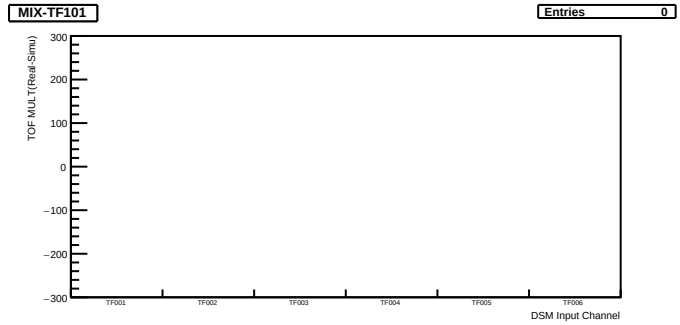

MIX-TF003
Entries 6962466
TOF MULT
TOF tray

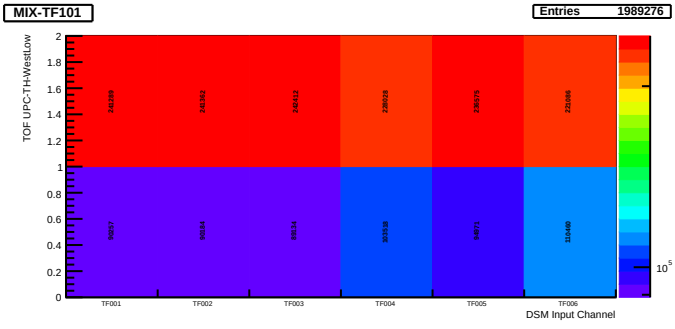

MIX-TF004
Entries 6962466
TOF MULT
TOF tray

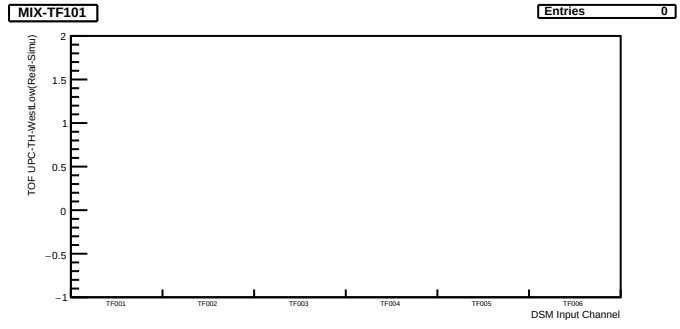

MIX-TF005
Entries 6962466
TOF MULT
TOF tray

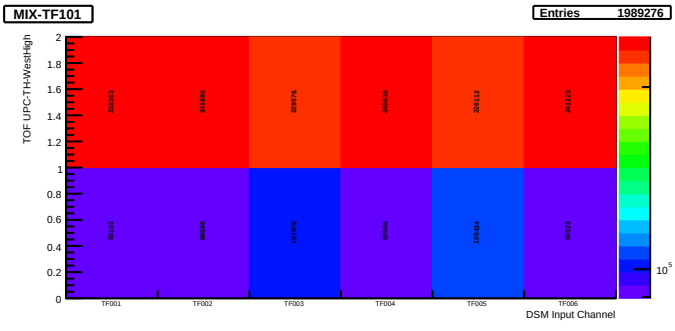

MIX-TF006
Entries 6962466
TOF MULT
TOF tray

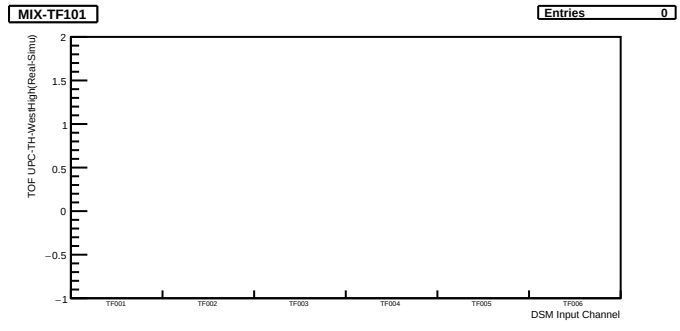

MIX-TF101
Entries 1989276
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

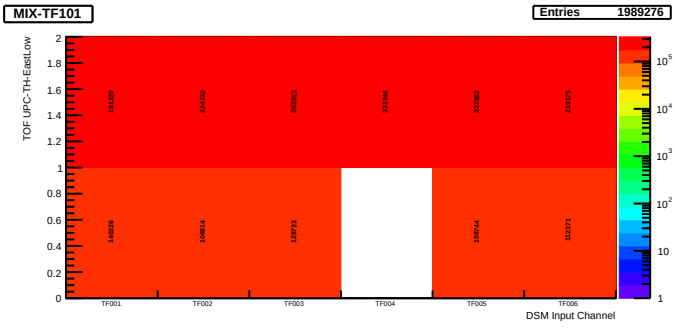

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

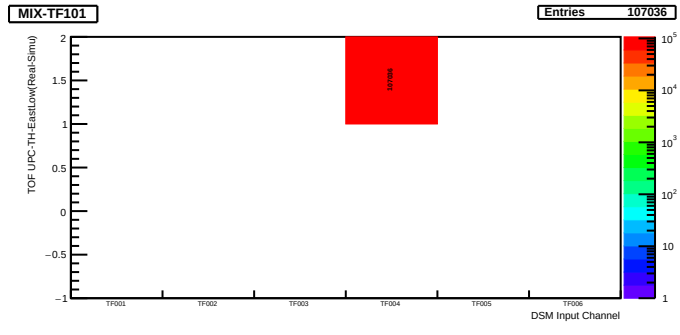

MIX-TF101
Entries 1989276
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

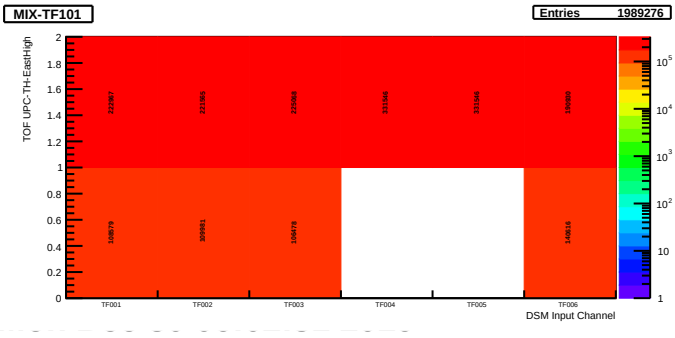

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

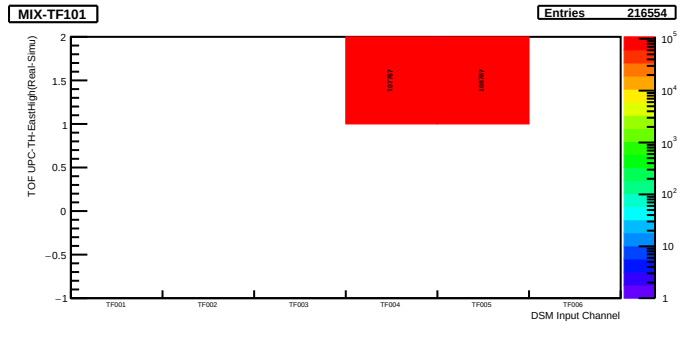

MIX-TF101
Entries 1989276
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

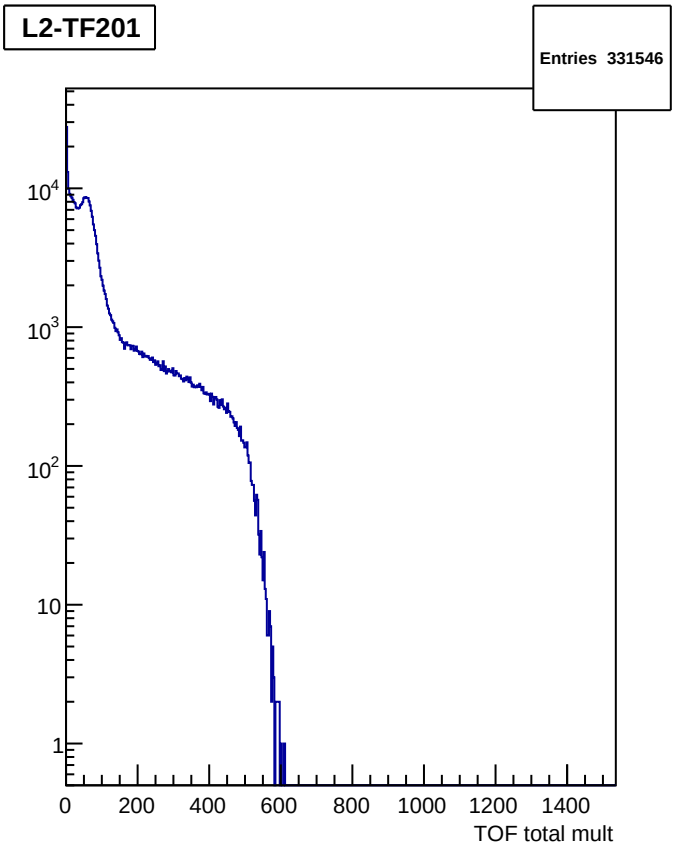

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

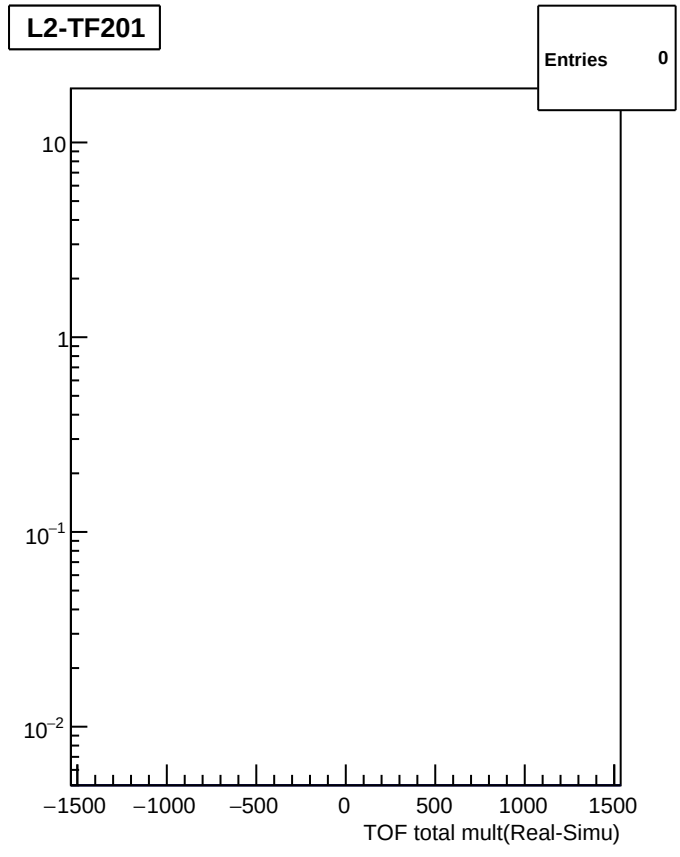

MIX-TF101
Entries 1989276
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

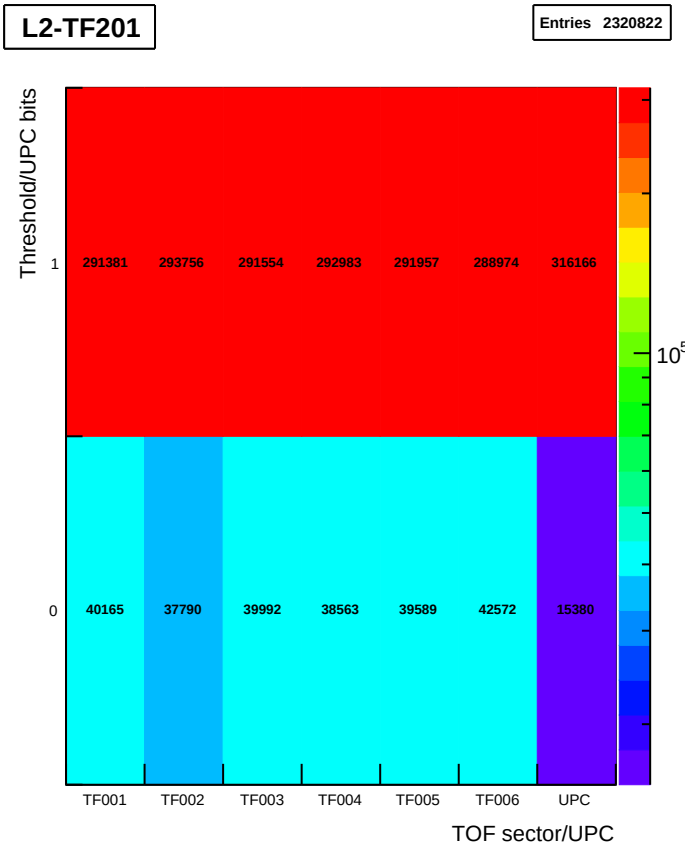

MIX-TF101
Entries 107036
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

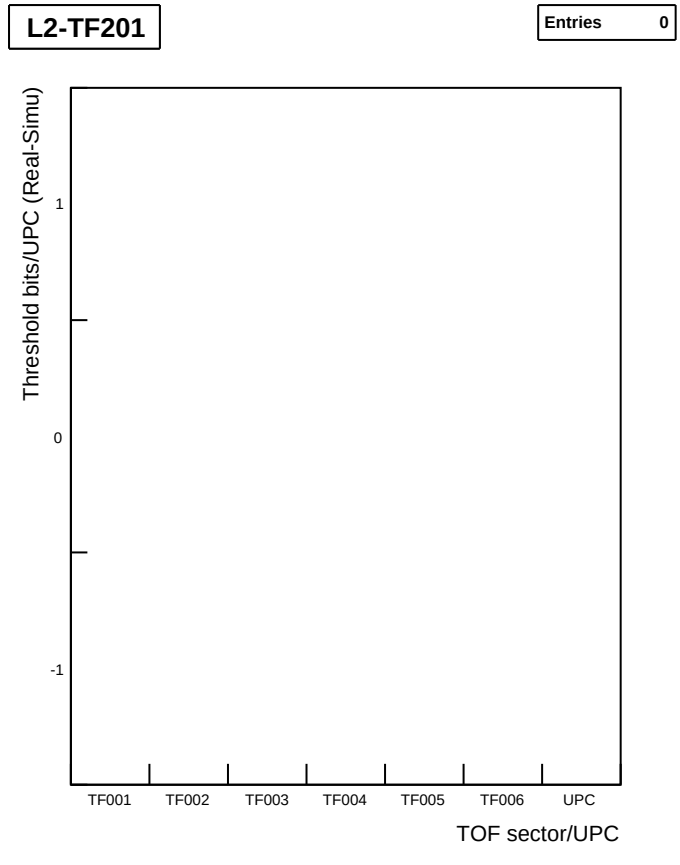

MIX-TF101
Entries 1989276
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

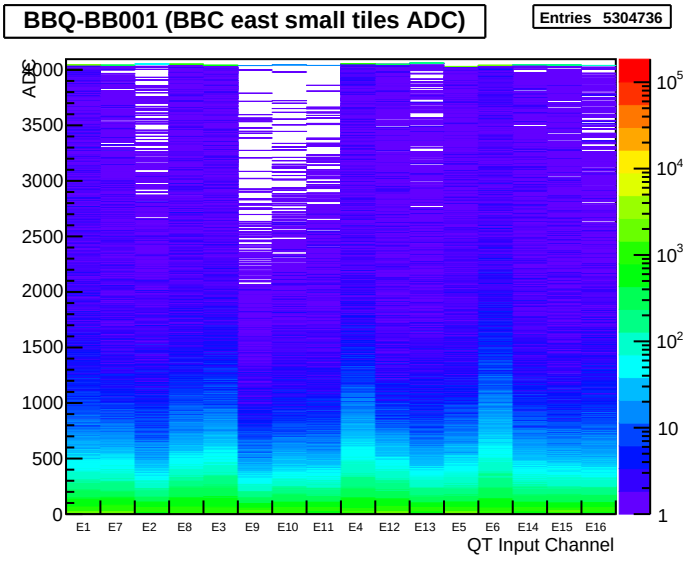

MIX-TF101
Entries 216554
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

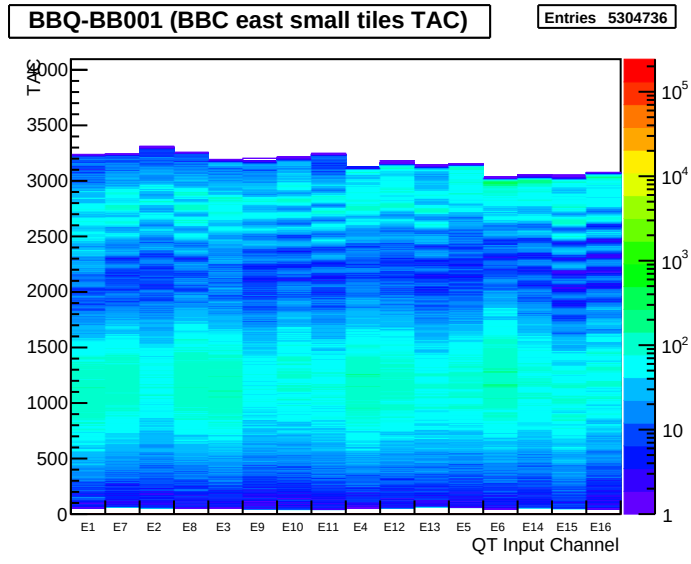

L2-TF201
Entries 331546
TOF total mult

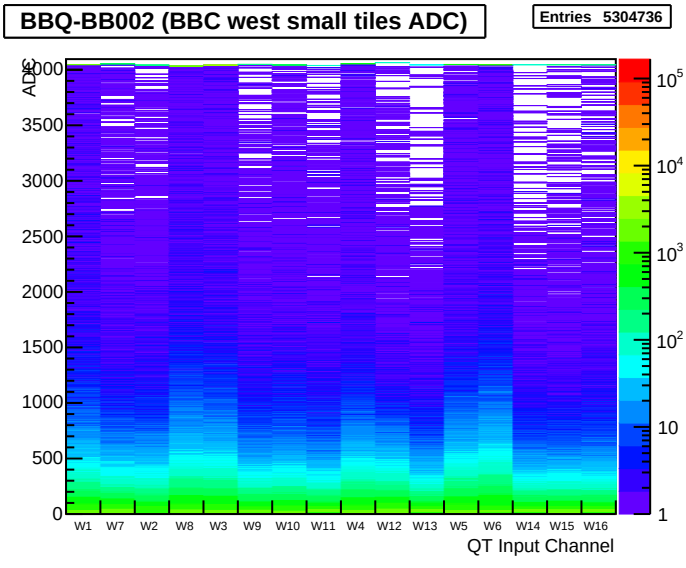

L2-TF201
Entries 0
TOF total mult(Real-Simu)

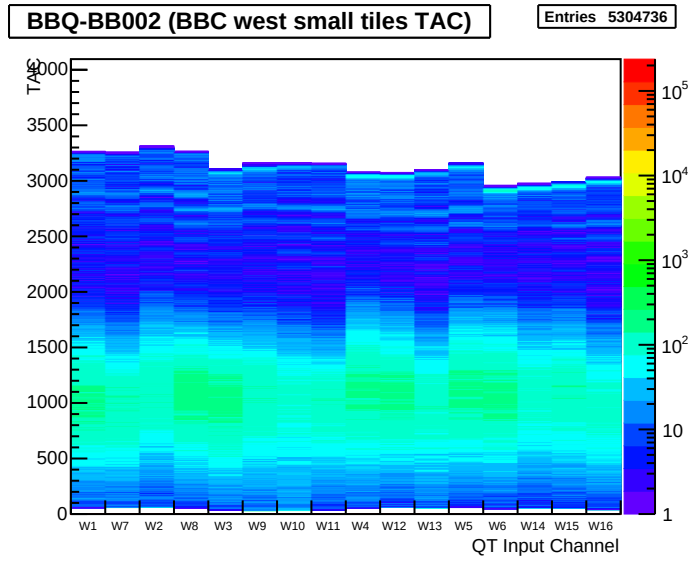

L2-TF201
Entries 2320822
Threshold/UPC bits
291381
293756
291554
292983
291957
288974
316166
40165
37790
39992
38563
39589
42572
15380
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

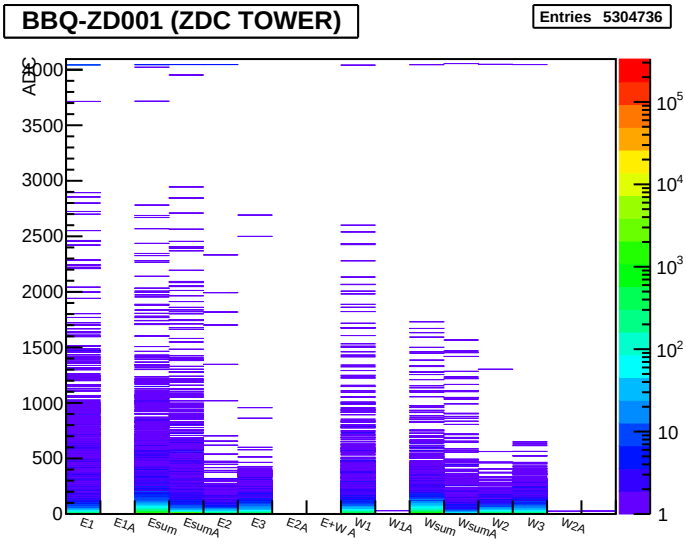

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

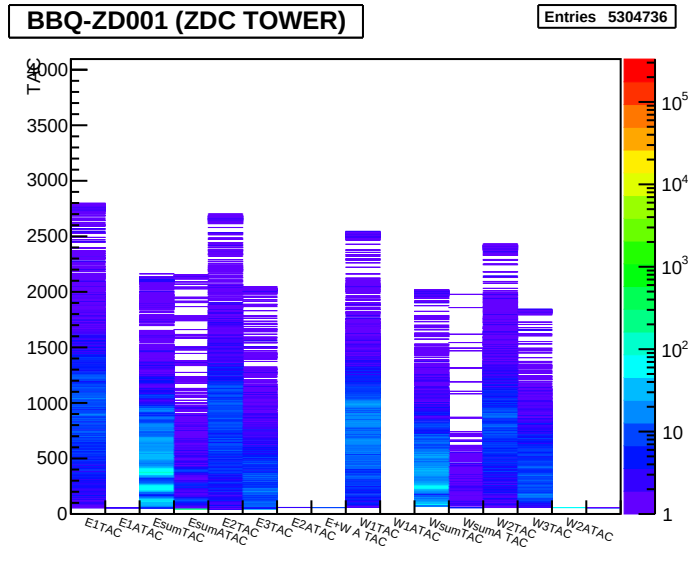

BBQ-BB001 (BBC east small tiles ADC)
Entries 5304736
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

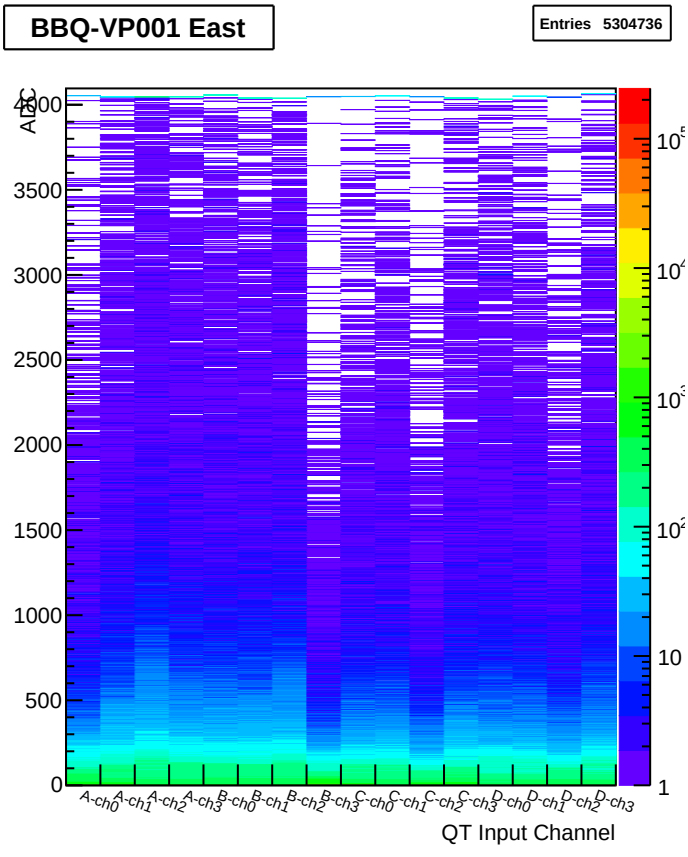

BBQ-BB001 (BBC east small tiles TAC)
Entries 5304736
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

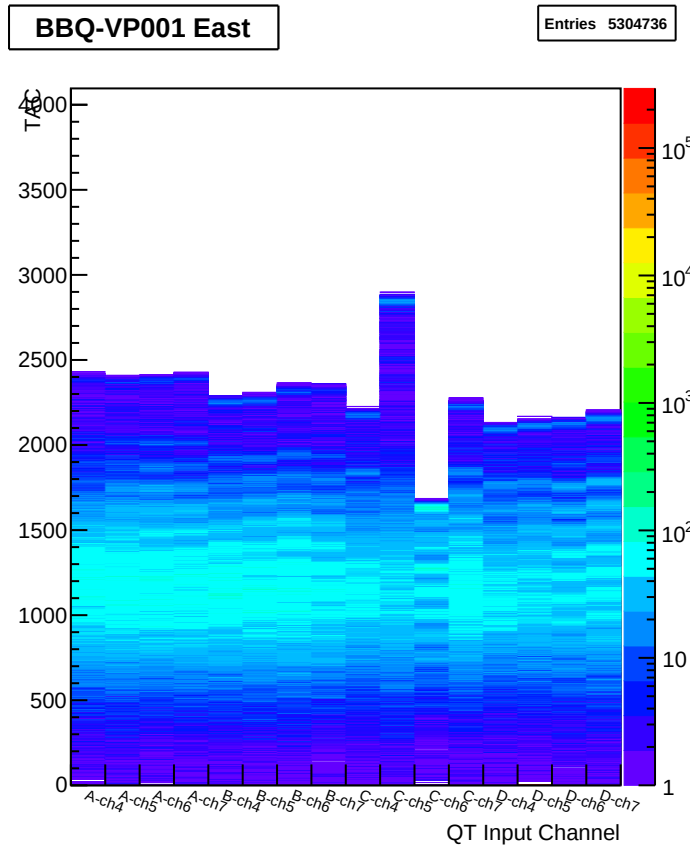

BBQ-BB002 (BBC west small tiles ADC)
Entries 5304736
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

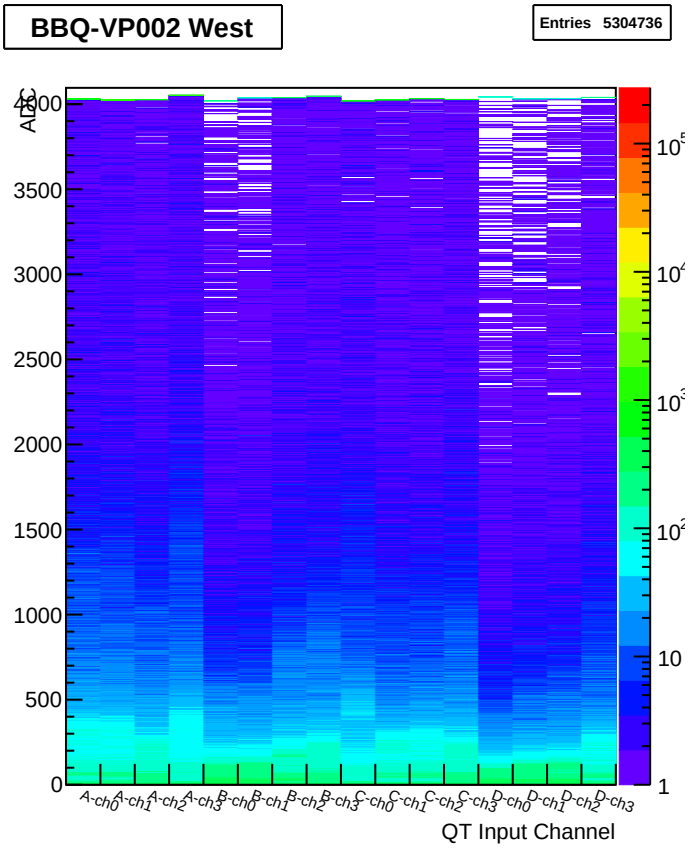

BBQ-BB002 (BBC west small tiles TAC)
Entries 5304736
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

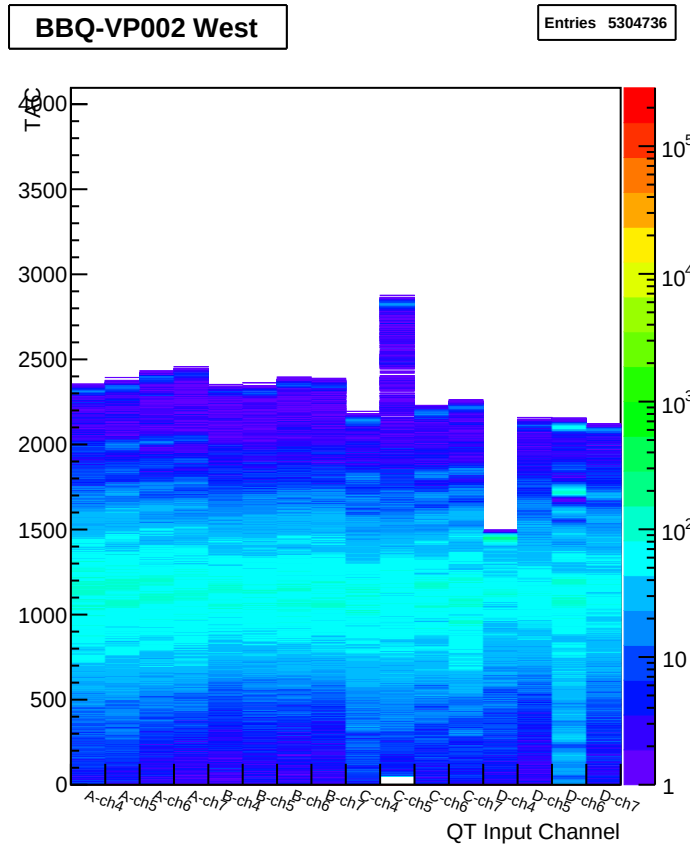

BBQ-ZD001 (ZDC TOWER)
Entries 5304736
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

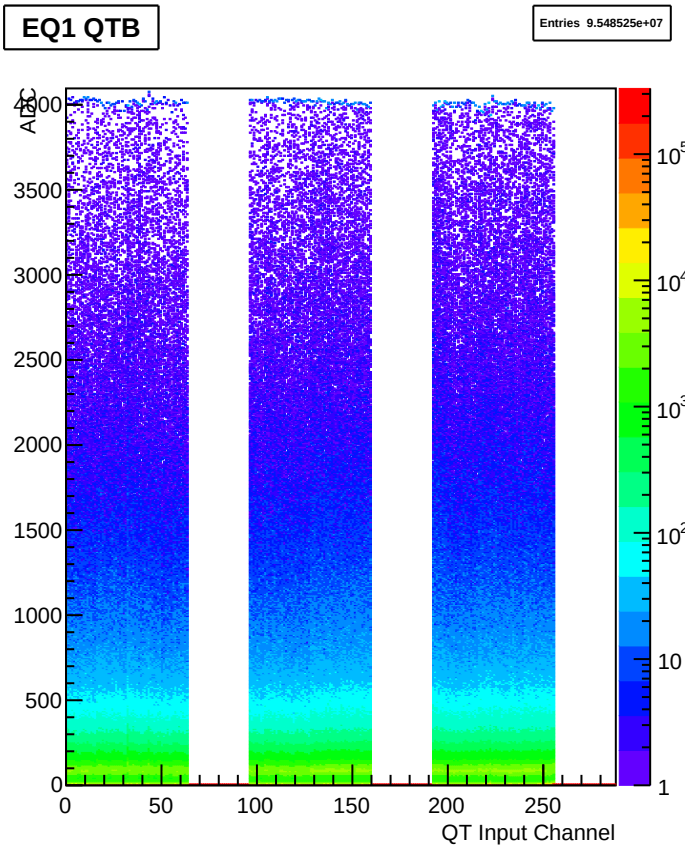

BBQ-ZD001 (ZDC TOWER)
Entries 5304736
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

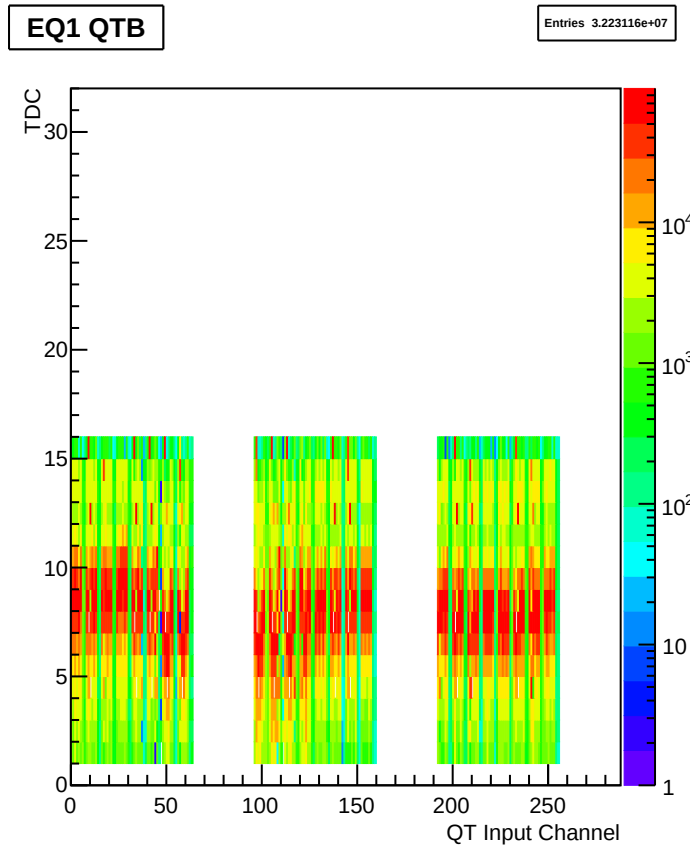

BBQ-VP001 East
Entries 5304736
ADC
QT Input Channel

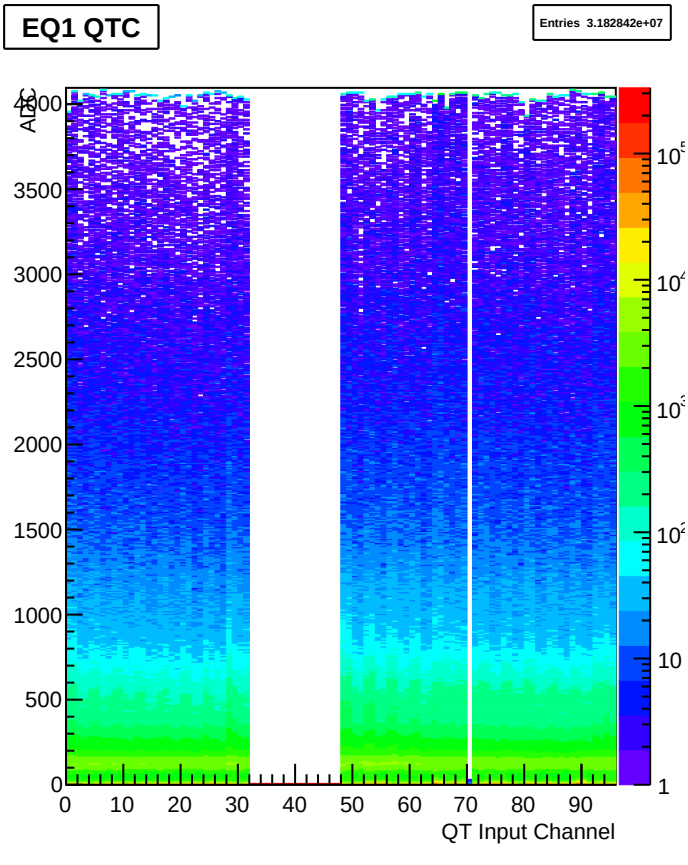

BBQ-VP001 East
Entries 5304736
TADC
QT Input Channel

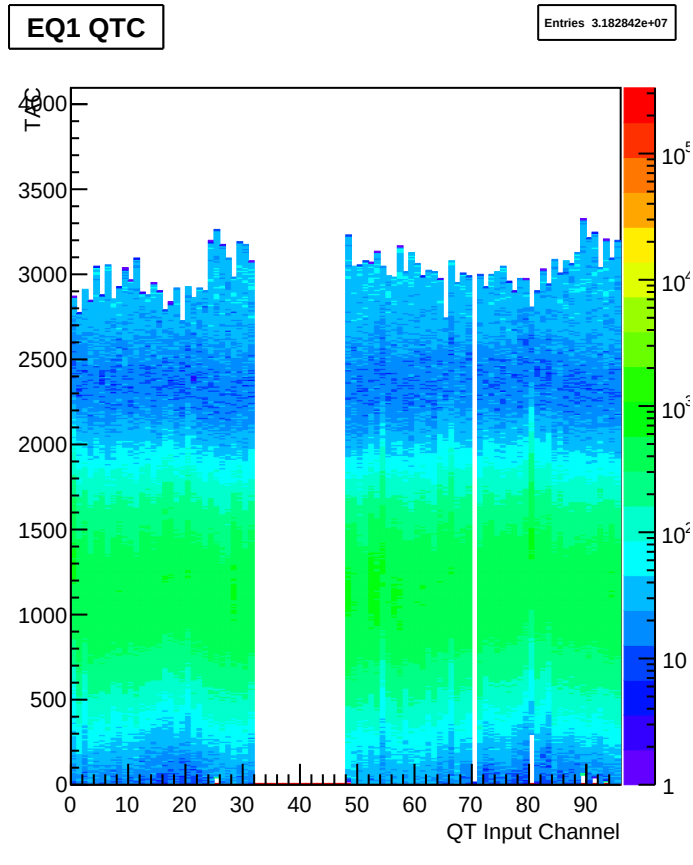

BBQ-VP002 West
Entries 5304736
ADC
QT Input Channel

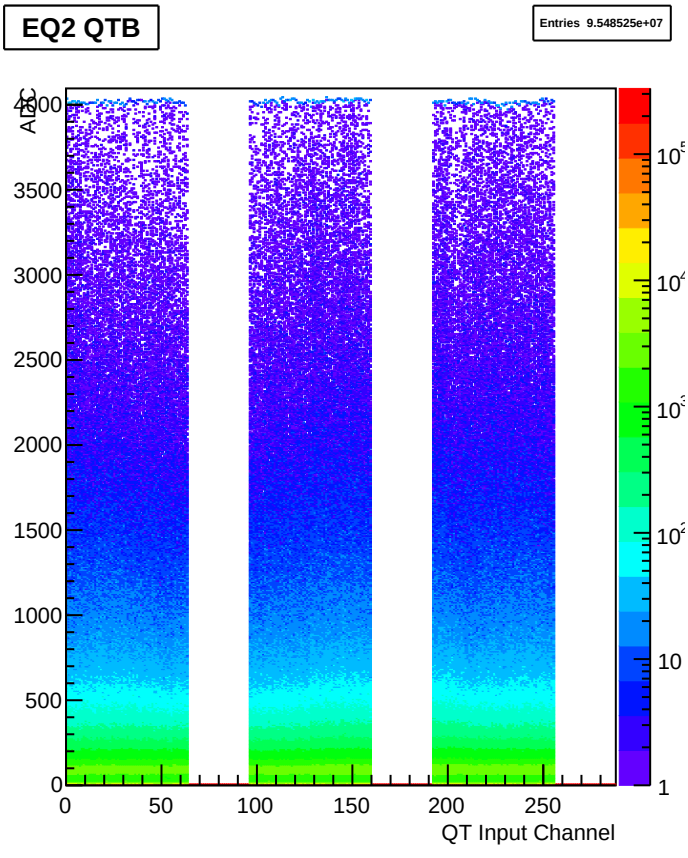

BBQ-VP002 West
Entries 5304736
TADC
QT Input Channel

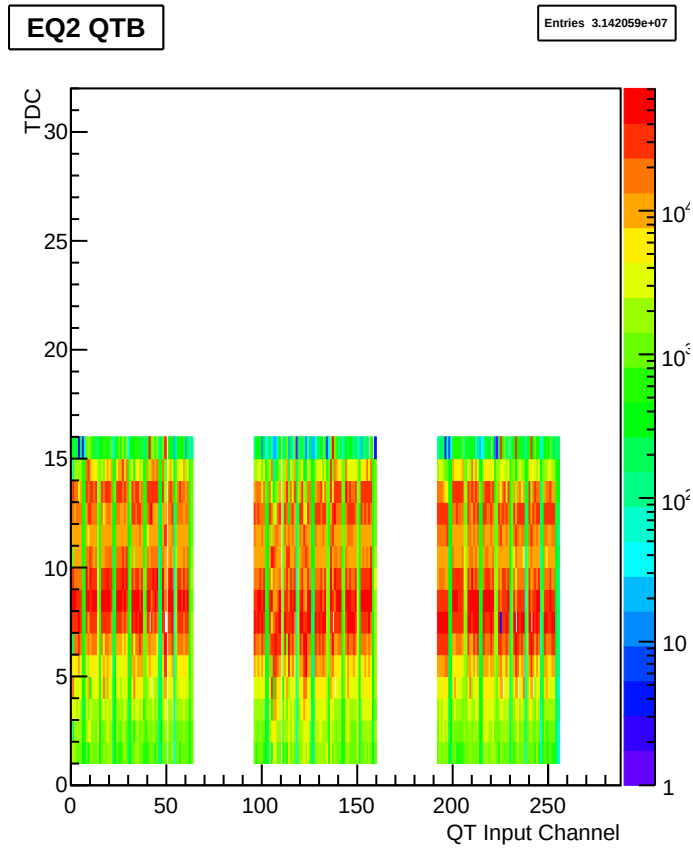

EQ1 QTB
Entries 9.548525e+07
ADC
QT Input Channel

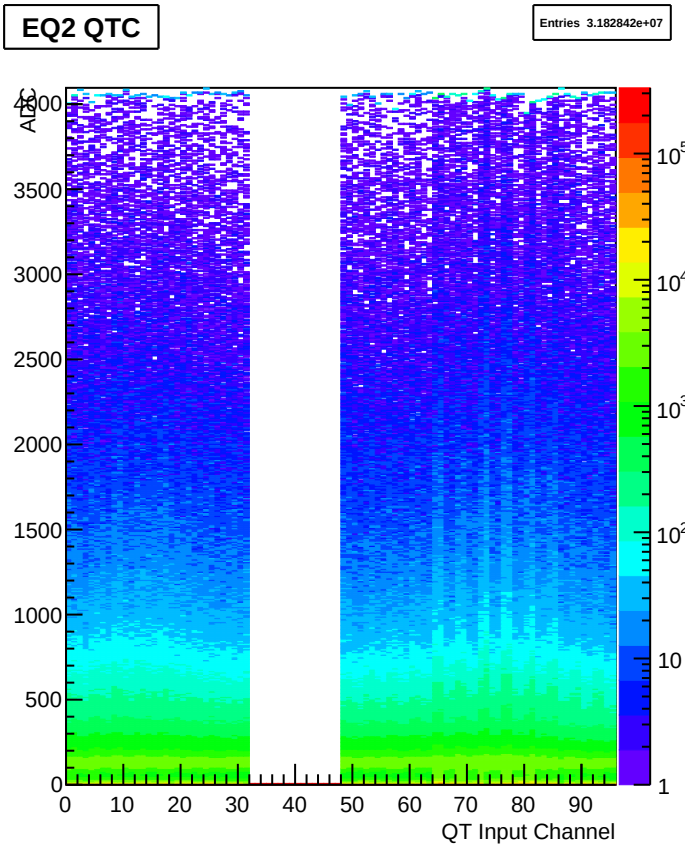

EQ1 QTB
Entries 3.223116e+07
TDC
QT Input Channel

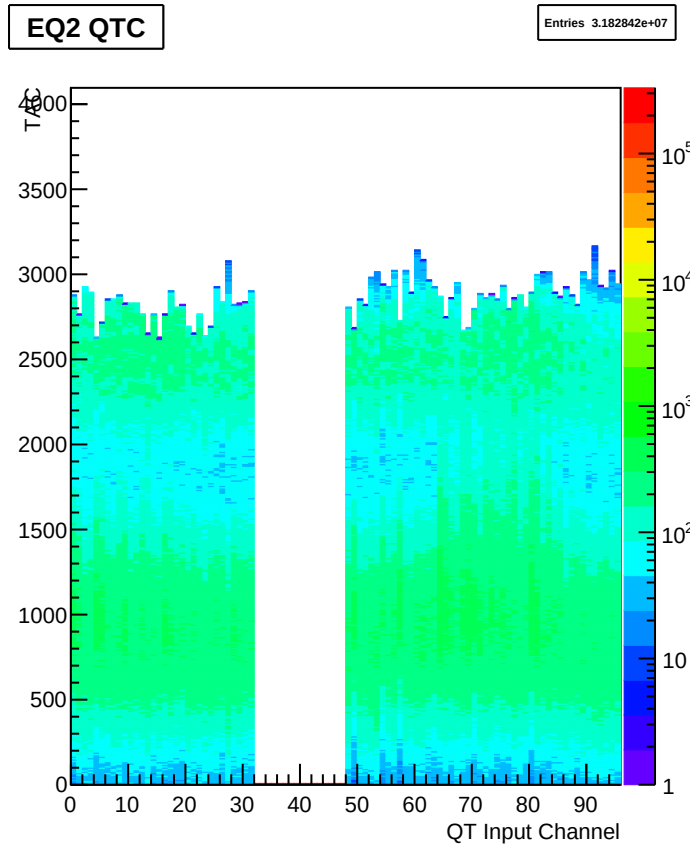

EQ1 QTC
Entries 3.182842e+07
ADC
QT Input Channel

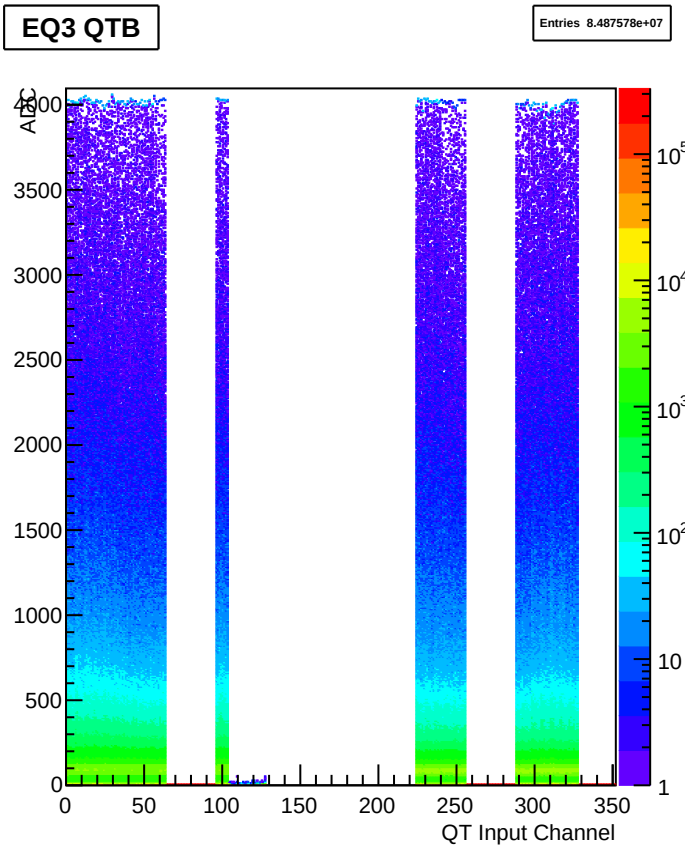

EQ1 QTC
Entries 3.182842e+07
TADC
QT Input Channel

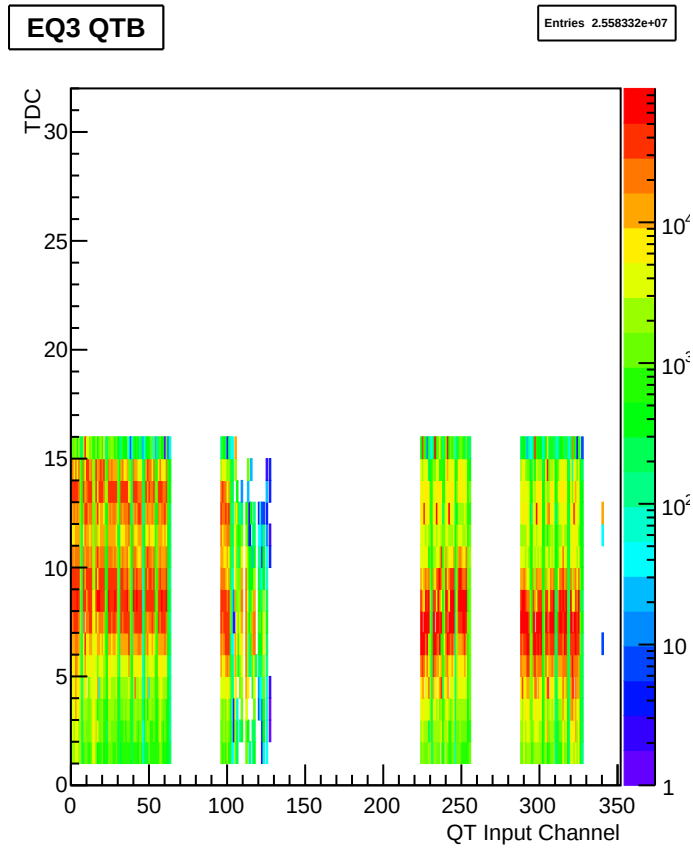

EQ2 QTB
Entries 9.548525e+07
ADC
QT Input Channel

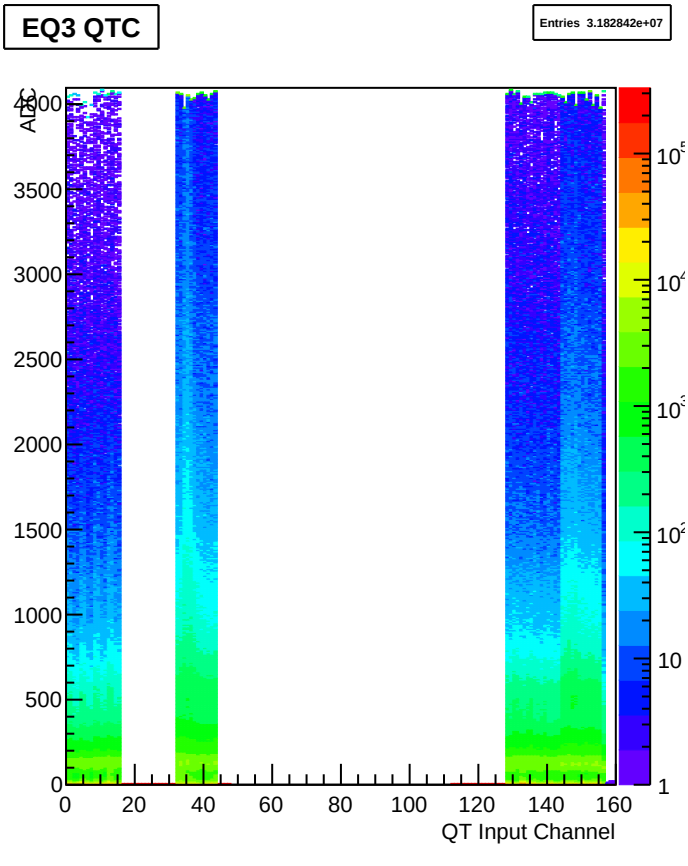

EQ2 QTB
Entries 3.142059e+07
TDC
QT Input Channel

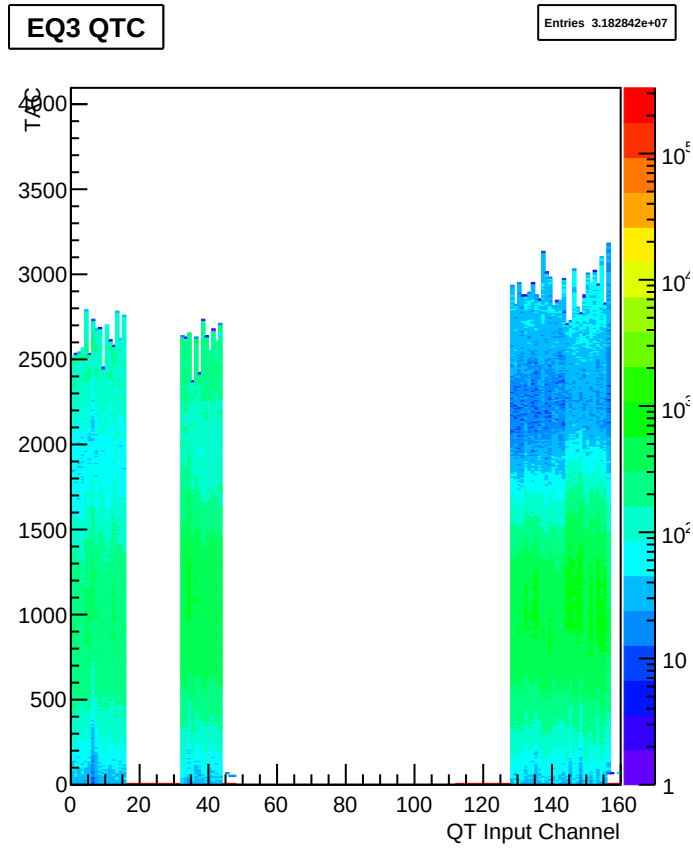

EQ2 QTC
Entries 3.182842e+07
ADC
QT Input Channel

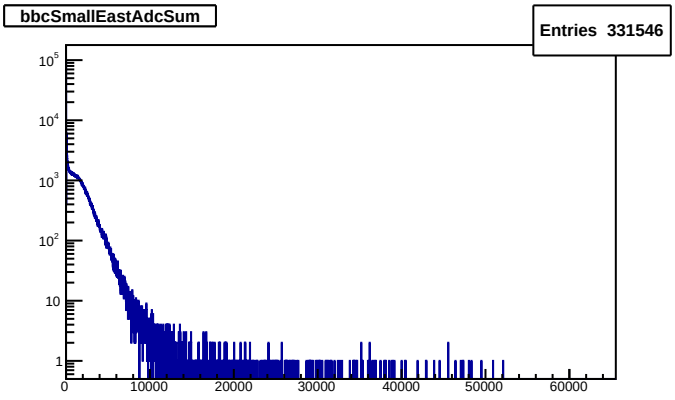

EQ2 QTC
Entries 3.182842e+07
TADC
QT Input Channel

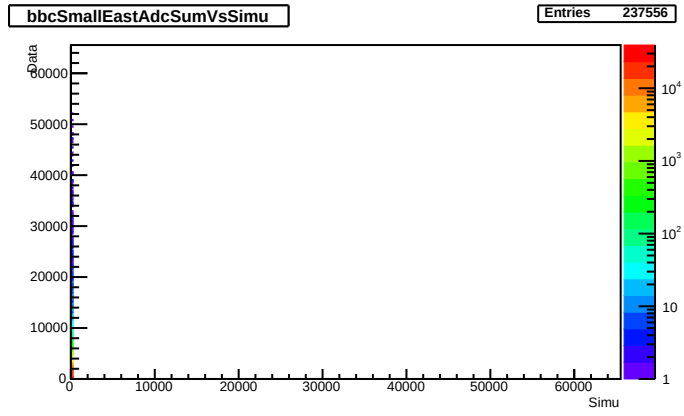

EQ3 QTB
Entries 8.487578e+07
ADC
QT Input Channel

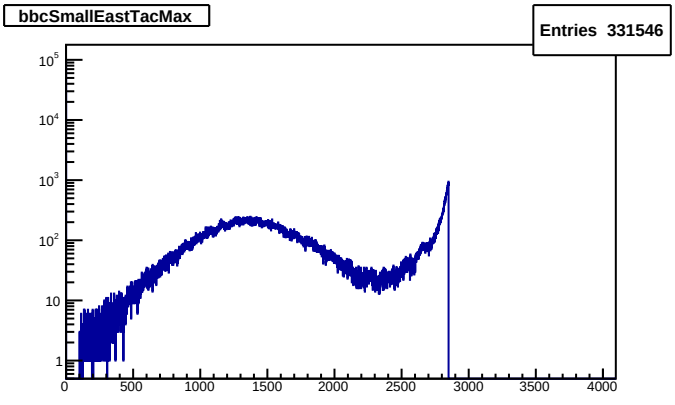

EQ3 QTB
Entries 2.558332e+07
TDC
QT Input Channel

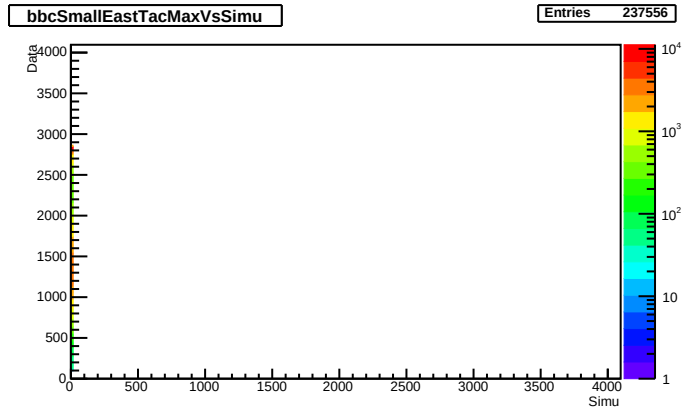

EQ3 QTC
Entries 3.182842e+07
ADC
QT Input Channel

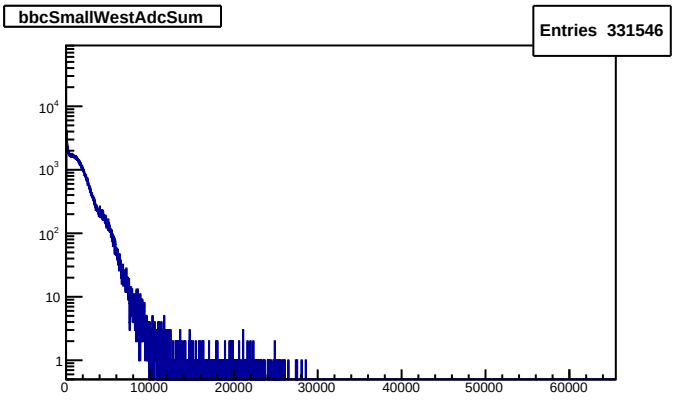

EQ3 QTC
Entries 3.182842e+07
TADC
QT Input Channel

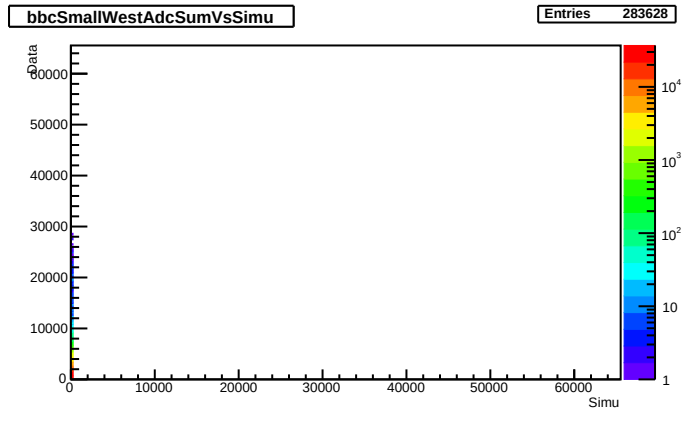

bbcSmallEastAdcSum
Entries 331546

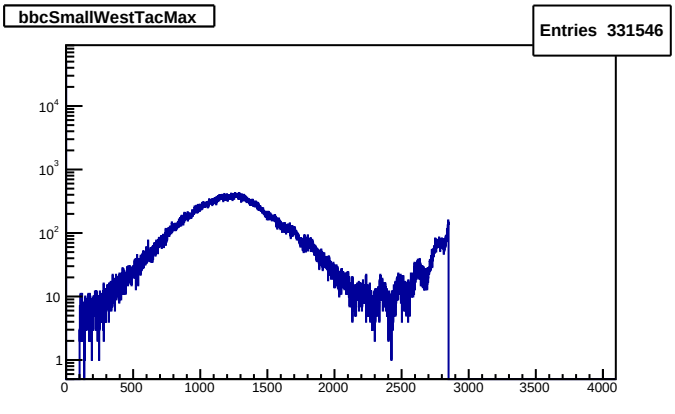

bbcSmallEastAdcSumVsSimu
Entries 237556
Data
Simu

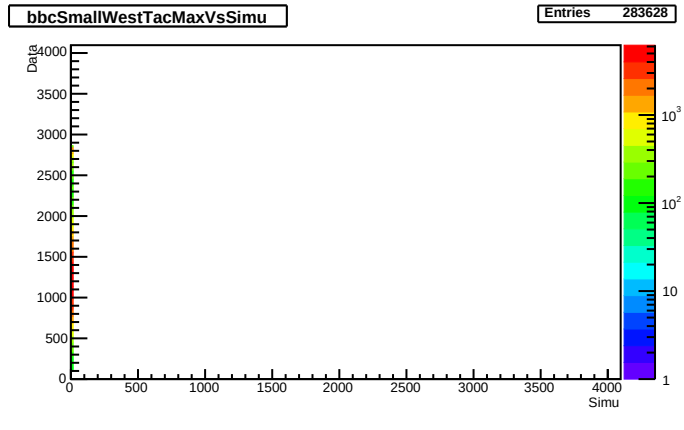

bbcSmallEastTacMax
Entries 331546

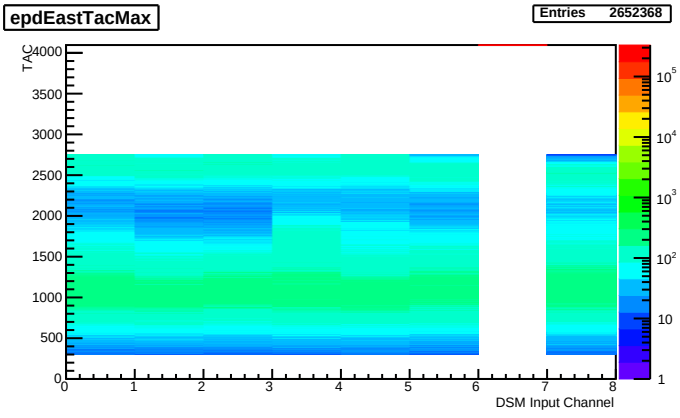

bbcSmallEastTacMaxVsSimu
Entries 237556
Data
Simu

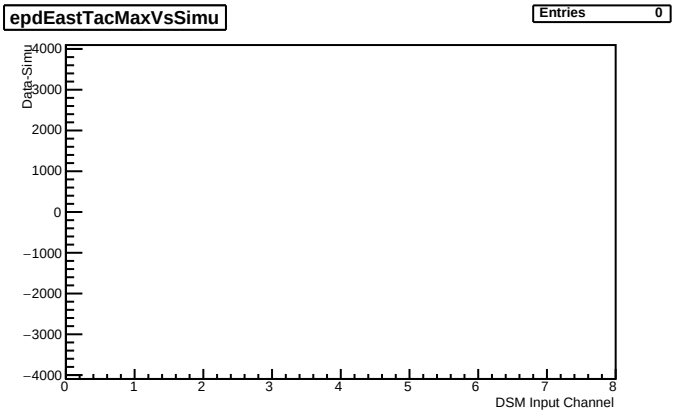

bbcSmallWestAdcSum
Entries 331546

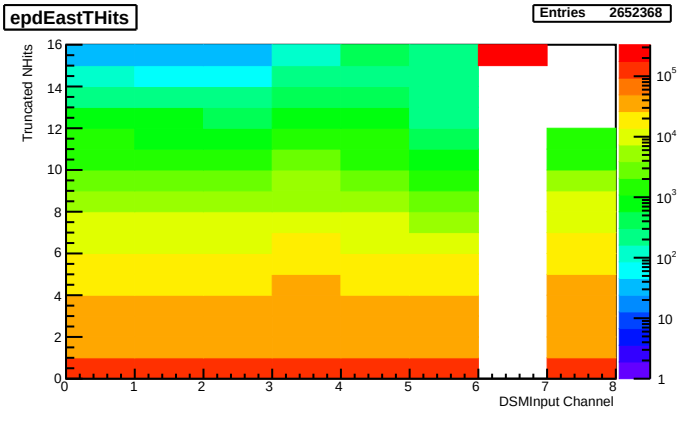

bbcSmallWestAdcSumVsSimu
Entries 283628
Data
Simu

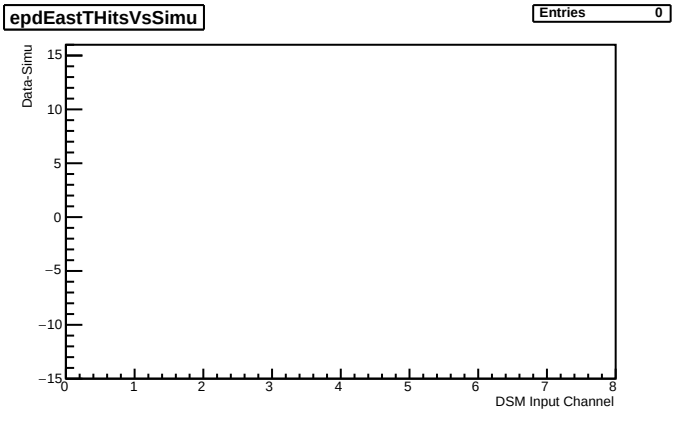

bbcSmallWestTacMax
Entries 331546


bbcSmallWestTacMaxVsSimu
Entries 283628
Data
Simu


epdEastTacMax
Entries 2652368
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2652368
Truncated NHits
DSMInput Channel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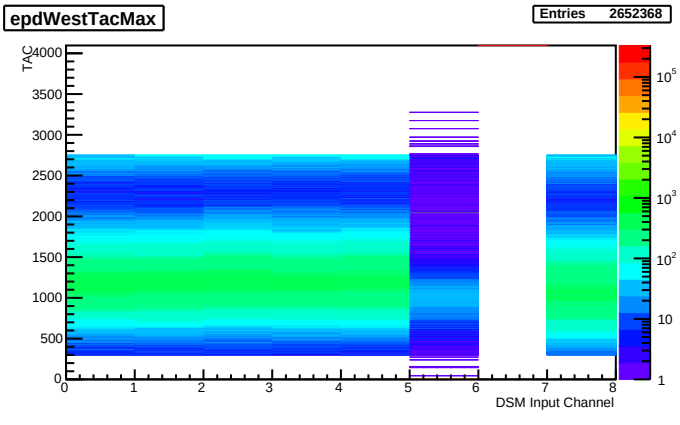
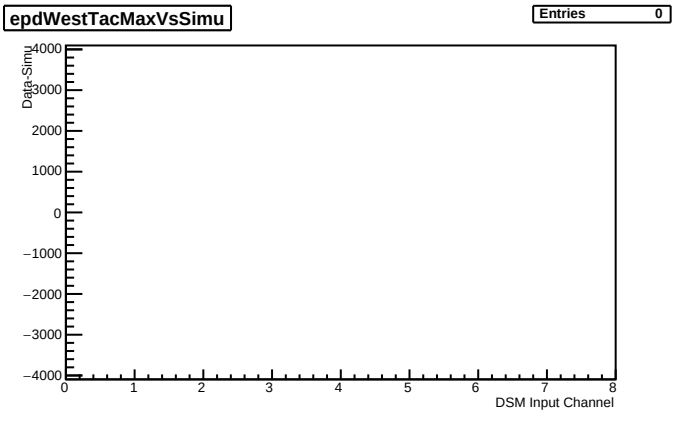
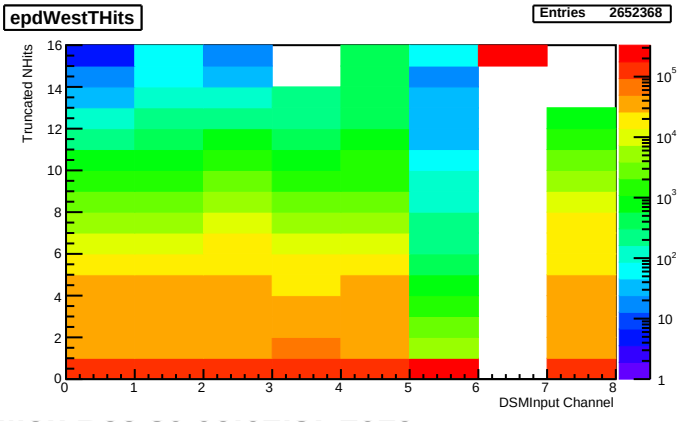
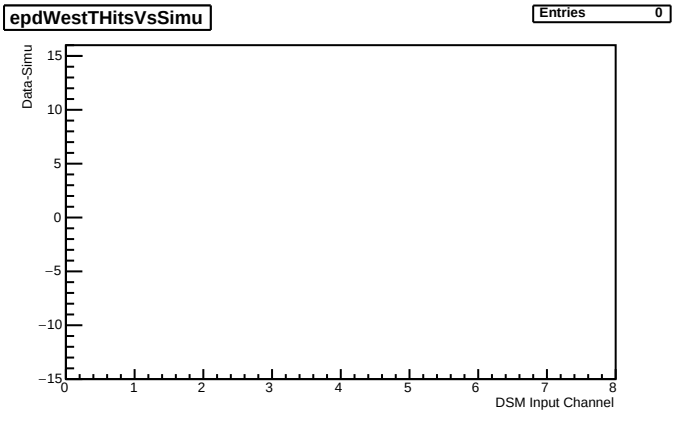
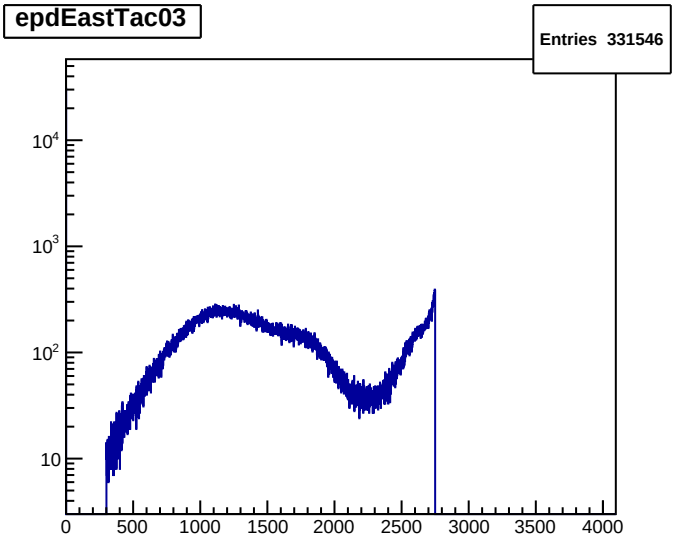
Entries 0
Data-Simu
DSM Input Channel

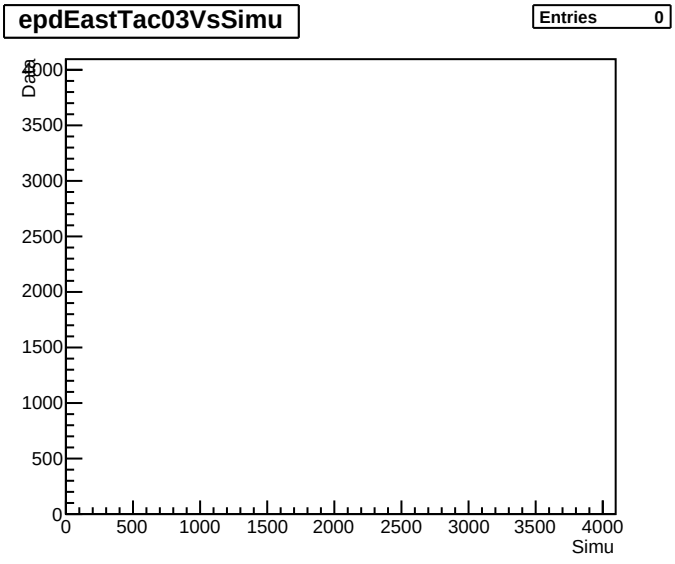

epdWestTacMax
Entries 2652368
TAC
DSM Input Channel

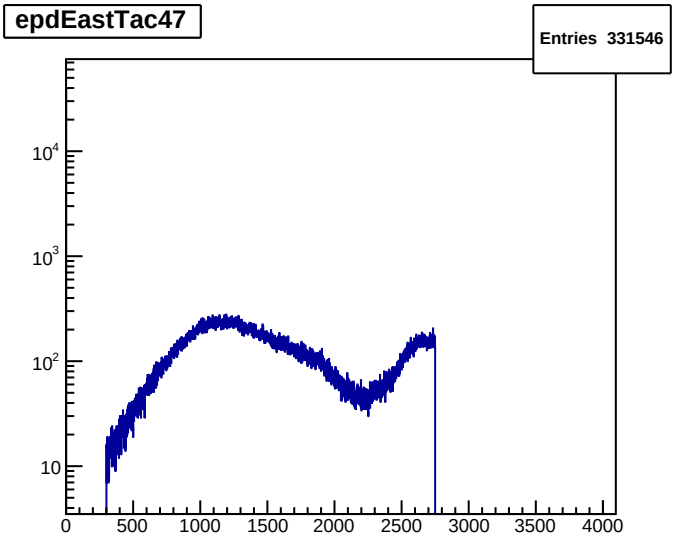

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

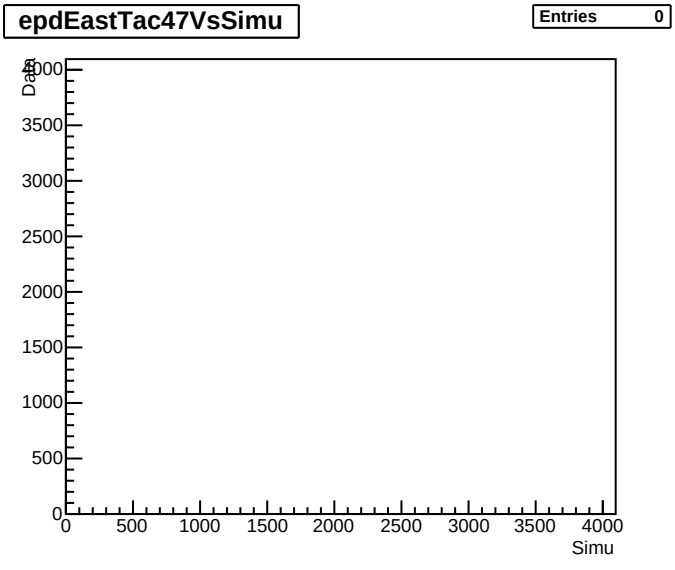

epdWestTHits
Entries 2652368
Truncated NHits
DSMInput Channel

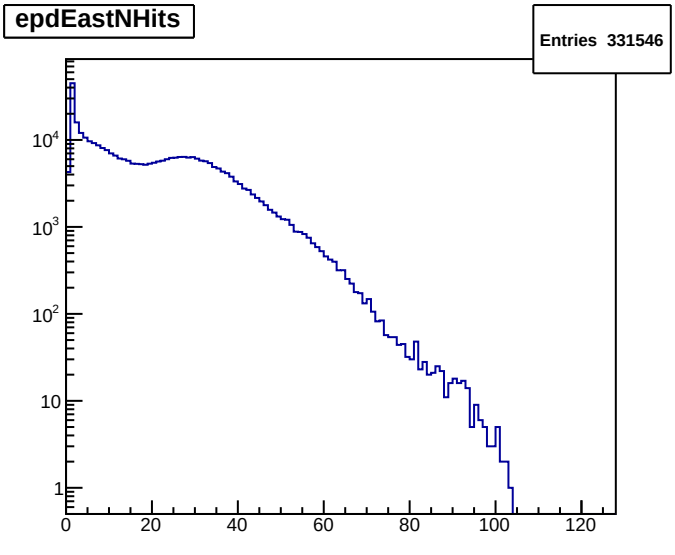

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

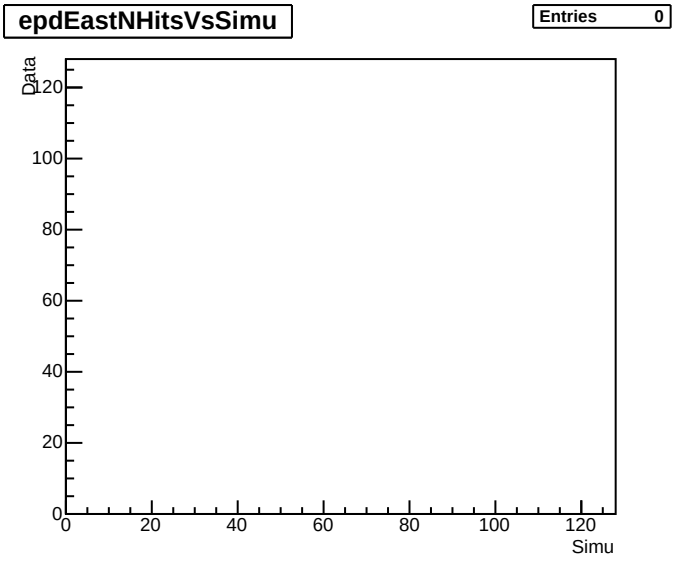

epdEastTac03
Entries 331546


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 331546


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 331546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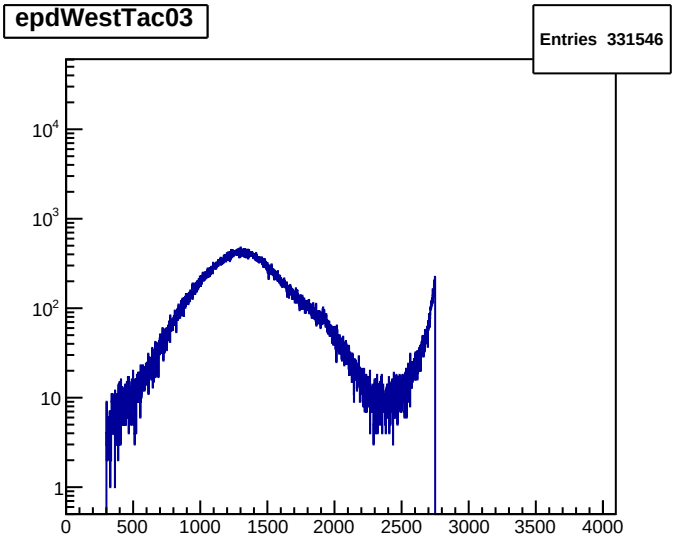
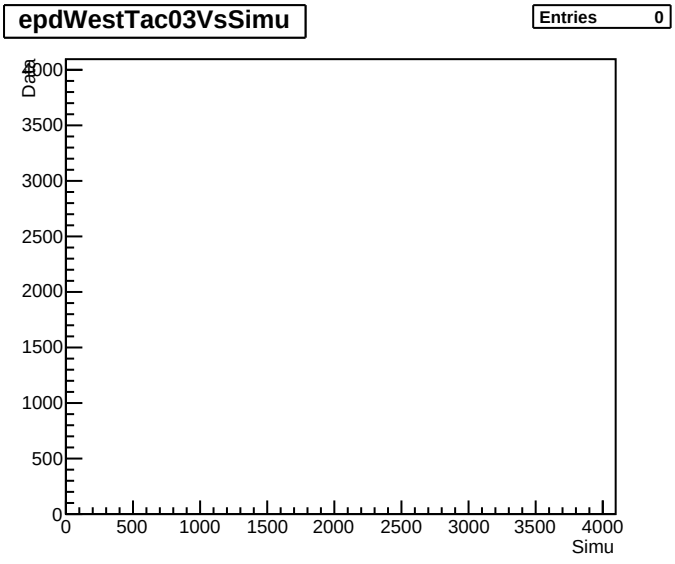
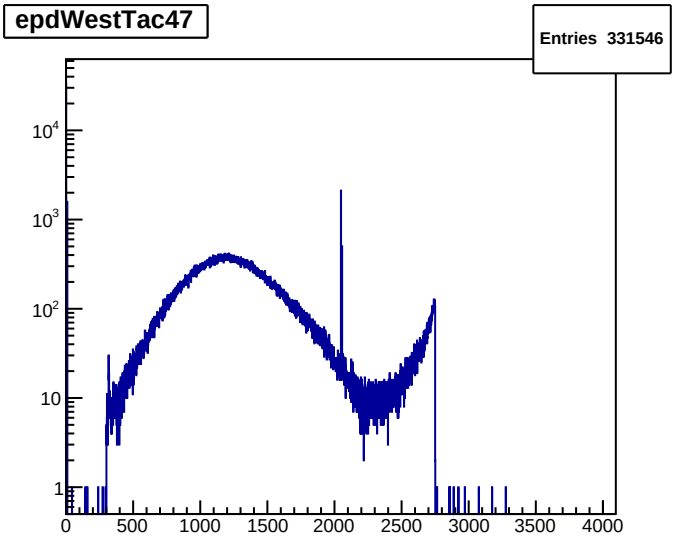
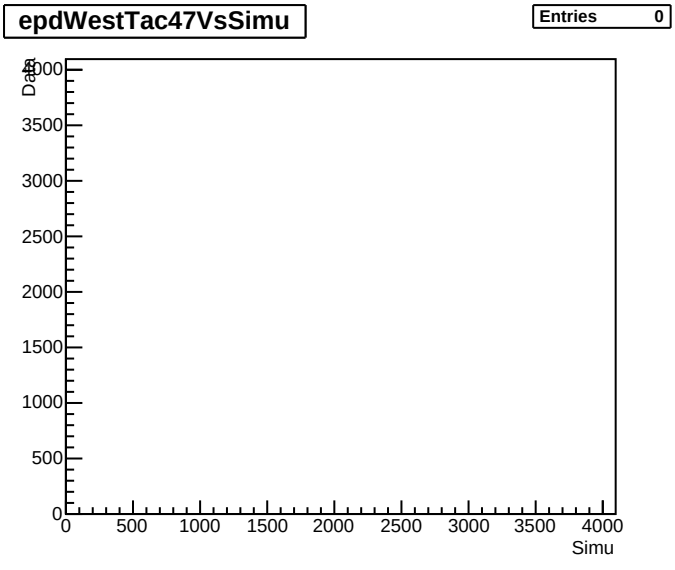
Entries 0
Data
Simu


epdWestTac03
Entries 331546


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 331546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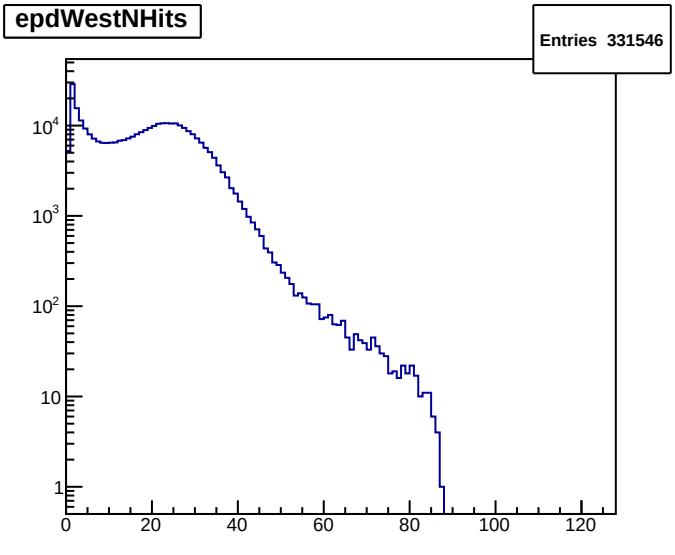
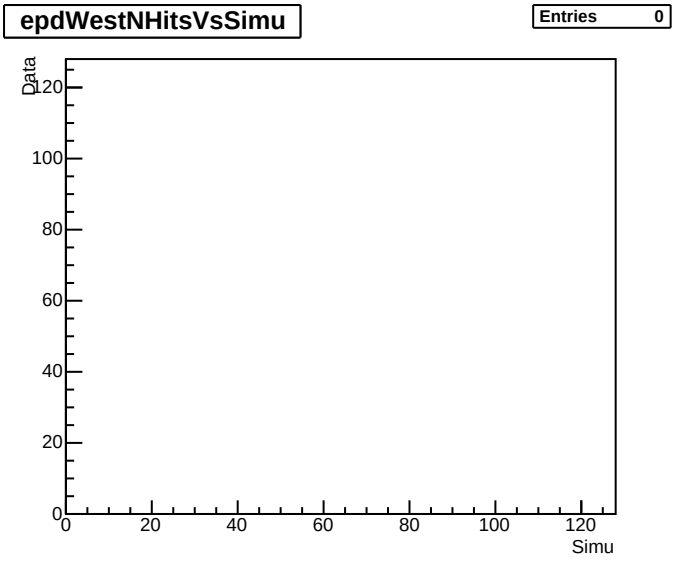
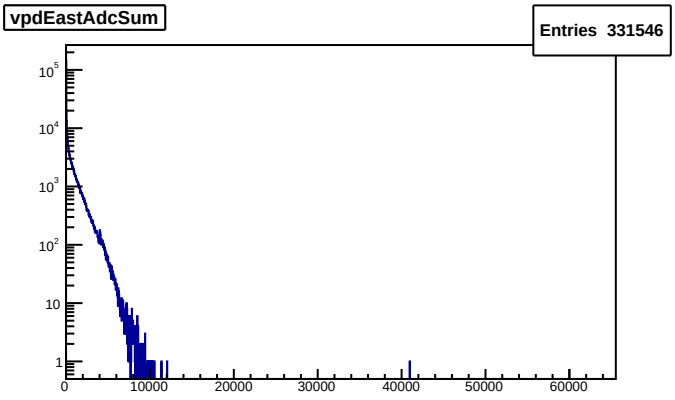
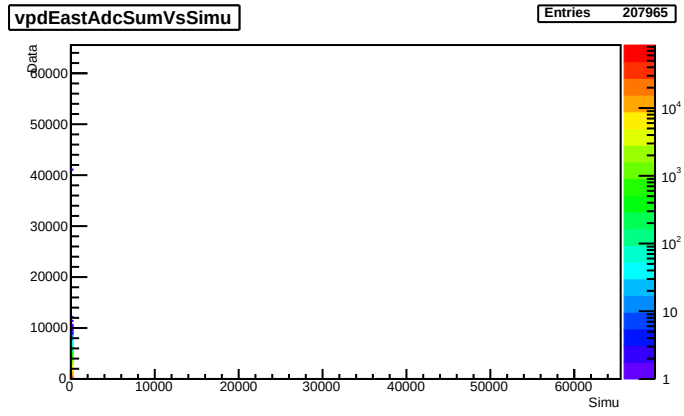
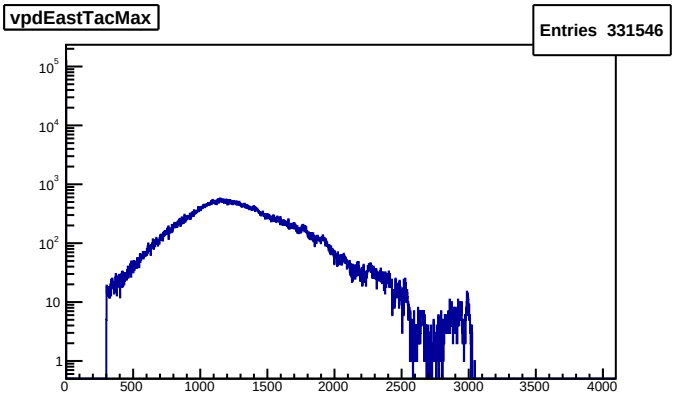
Entries 0
Data
Simu

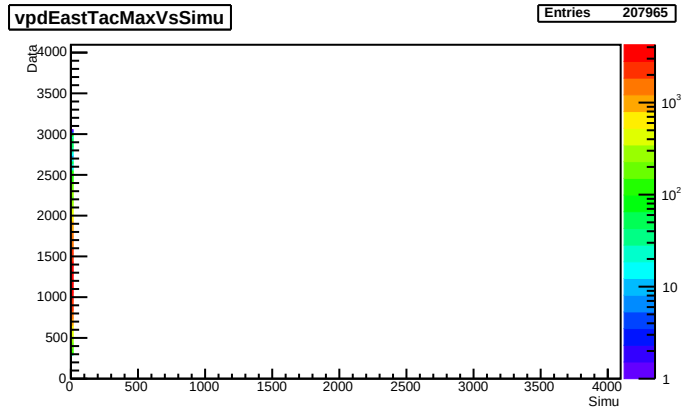

epdWestNHits
Entries 331546

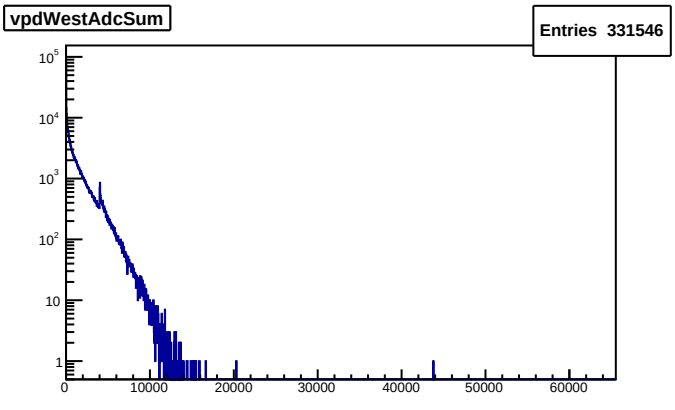

epdWestNHitsVsSimu
Entries 0
Data
Simu

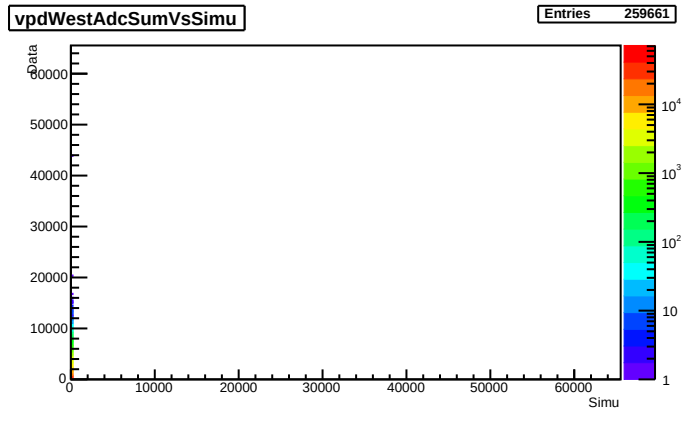

vpdEastAdcSum
Entries 331546

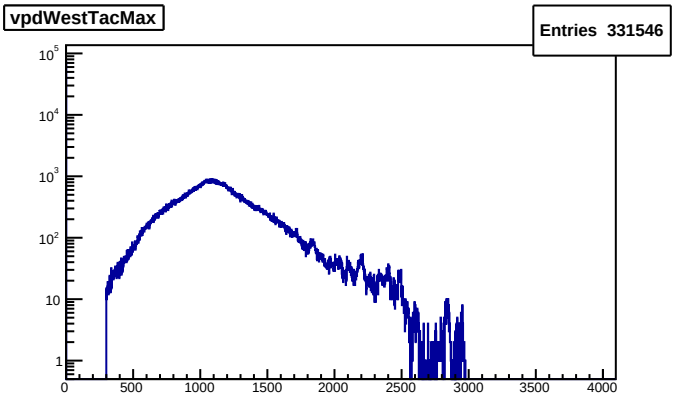

vpdEastAdcSumVsSimu
Entries 207965
Data
Simu

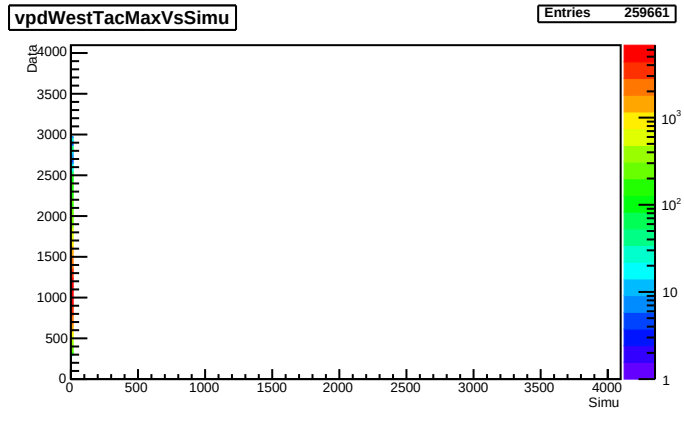

vpdEastTacMax
Entries 331546

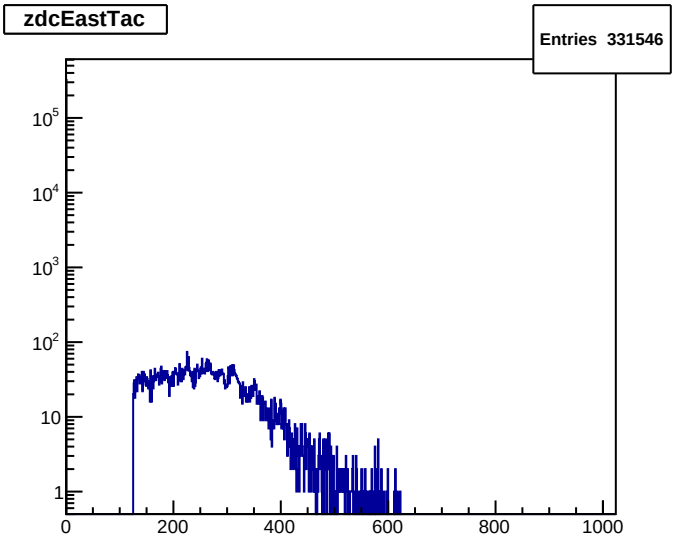

vpdEastTacMaxVsSimu
Entries 207965
Data
Simu

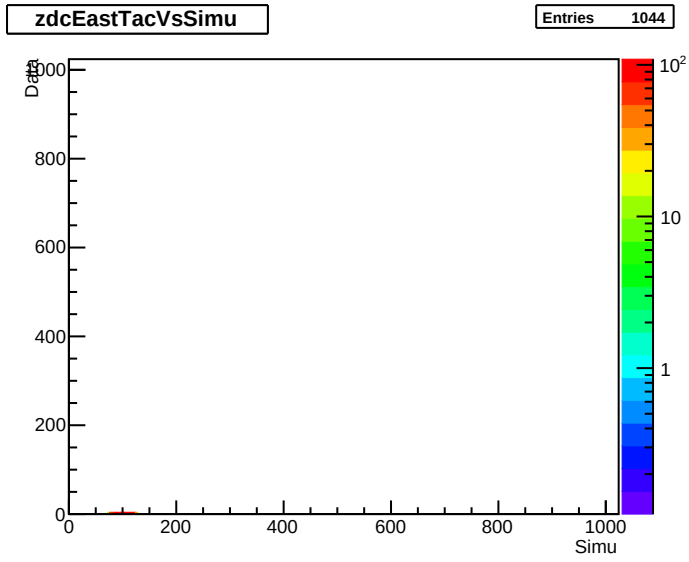

vpdWestAdcSum
Entries 331546

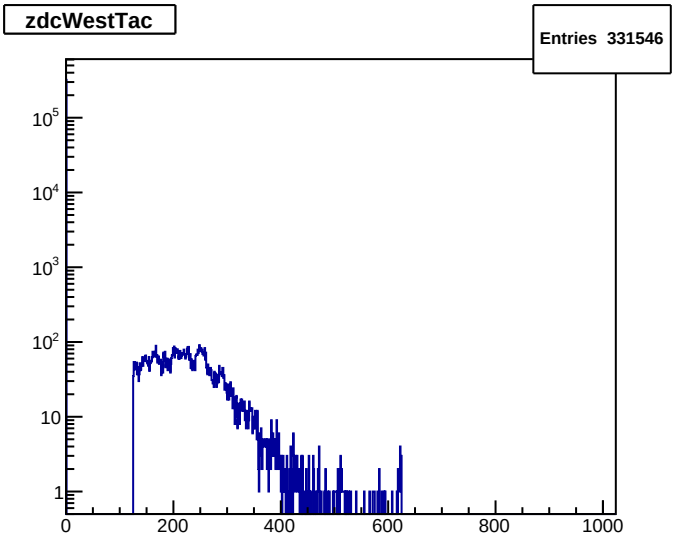

vpdWestAdcSumVsSimu
Entries 259661
Data
Simu

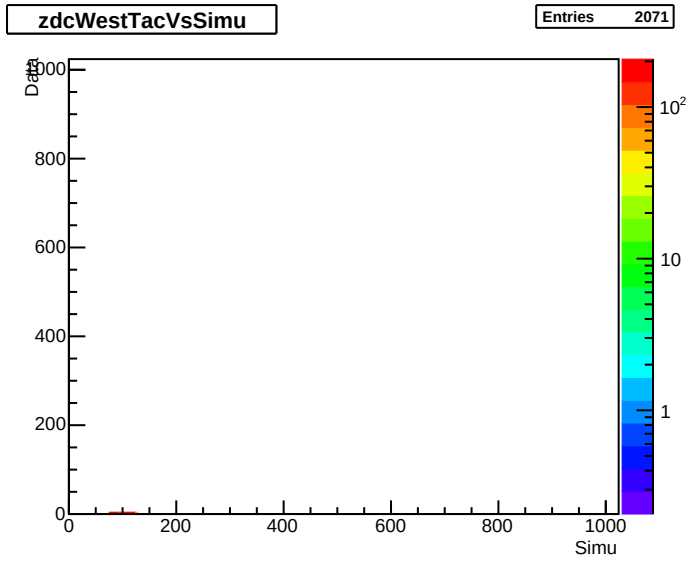

vpdWestTacMax
Entries 331546

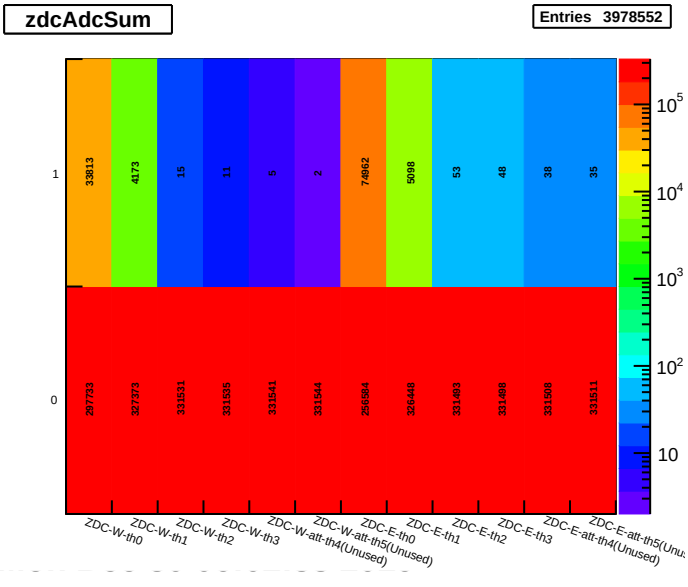

vpdWestTacMaxVsSimu
Entries 259661
Data
Simu

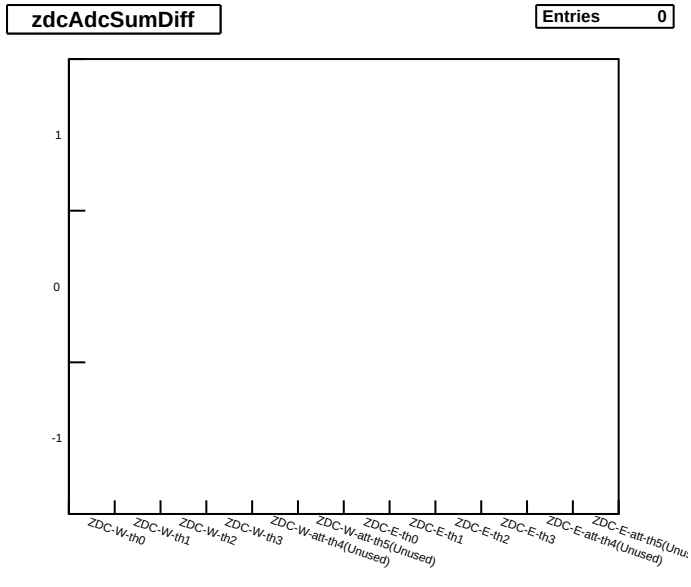

zdcEastTac
Entries 331546

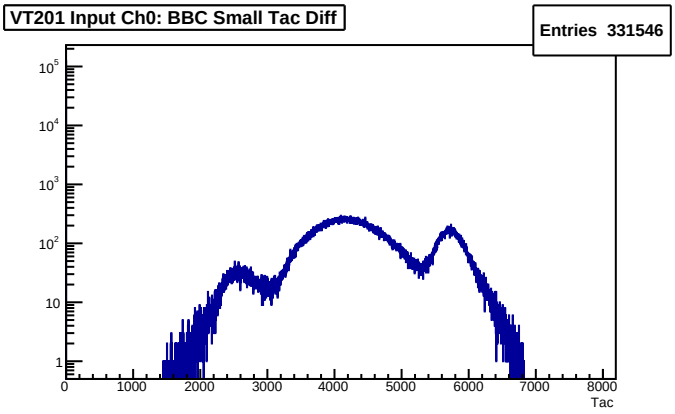

zdcEastTacVsSimu
Entries 1044
Data
Simu

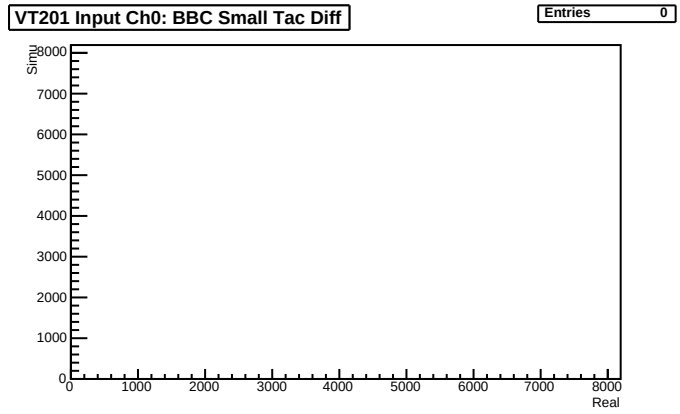

zdcWestTac
Entries 331546

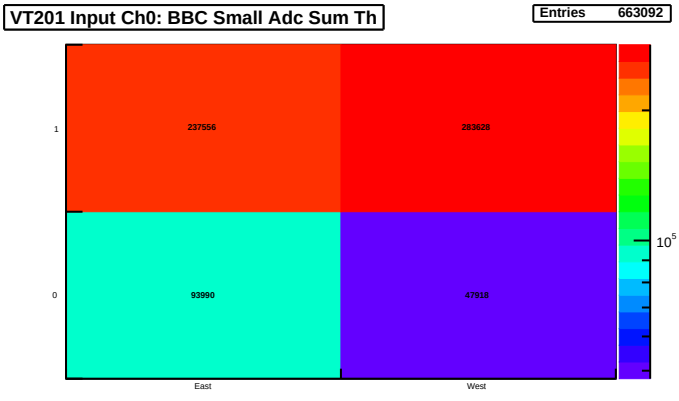

zdcWestTacVsSimu
Entries 2071
Data
Simu

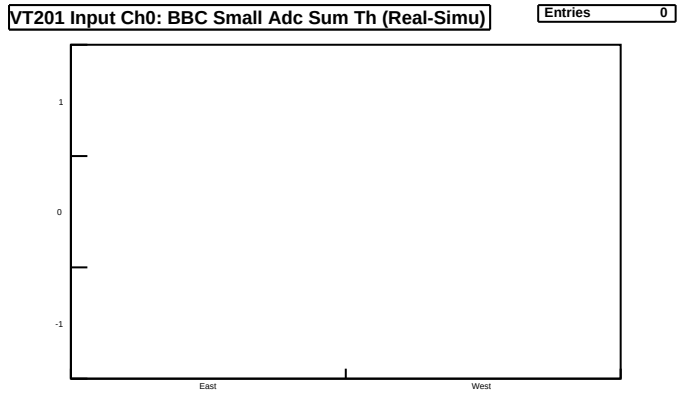

zdcAdcSum
Entries 3978552
33813
4173
15
11
5
2
74862
5098
53
48
38
35
297733
327373
331531
331535
331541
331544
256584
326446
331493
331498
331508
331511
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

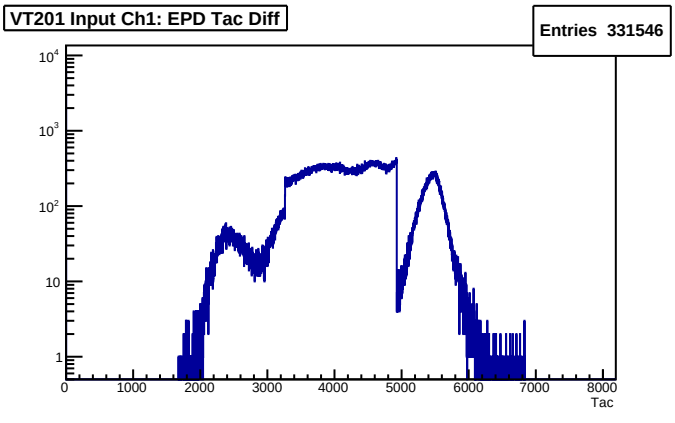

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

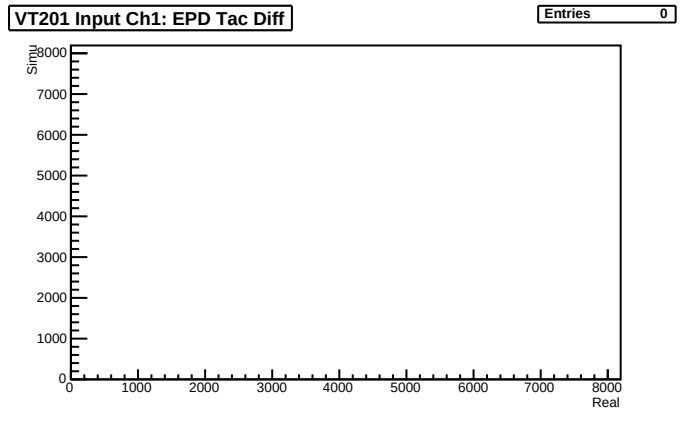

VT201 Input Ch0: BBC Small Tac Diff
Entries 331546
Tac

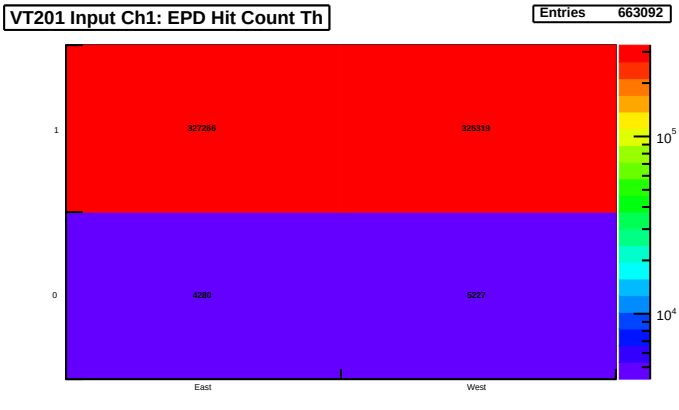

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

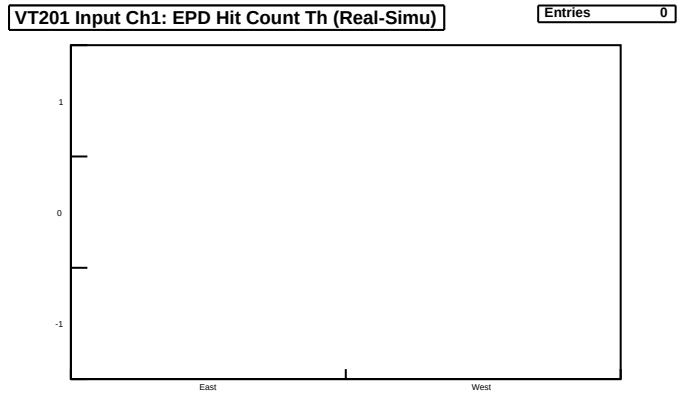

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 663092
237556
283628
93990
47918
East
West

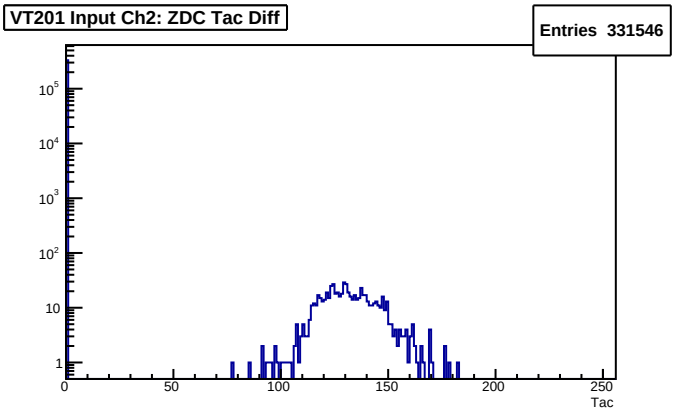

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

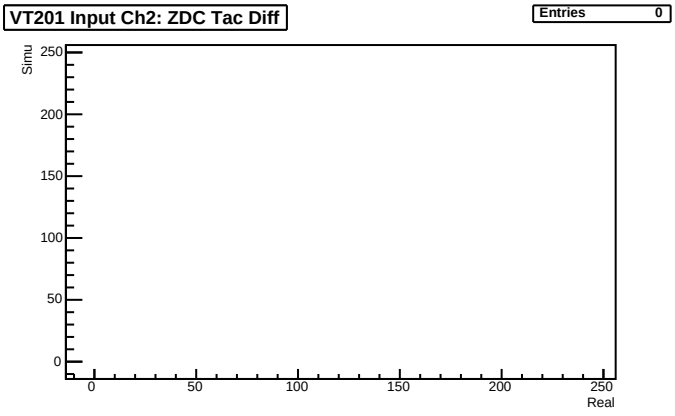

VT201 Input Ch1: EPD Tac Diff
Entries 331546
Tac

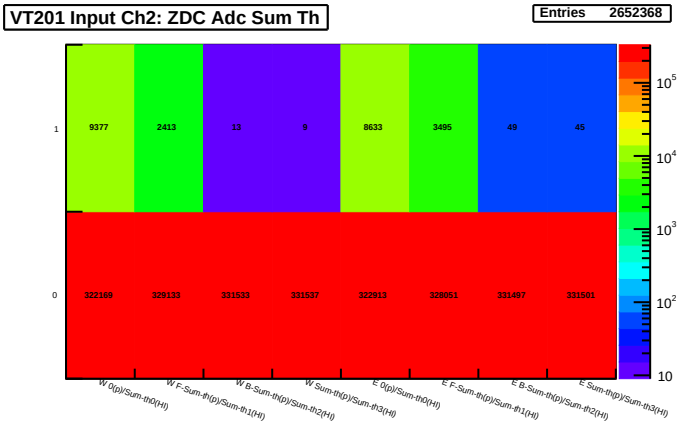

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

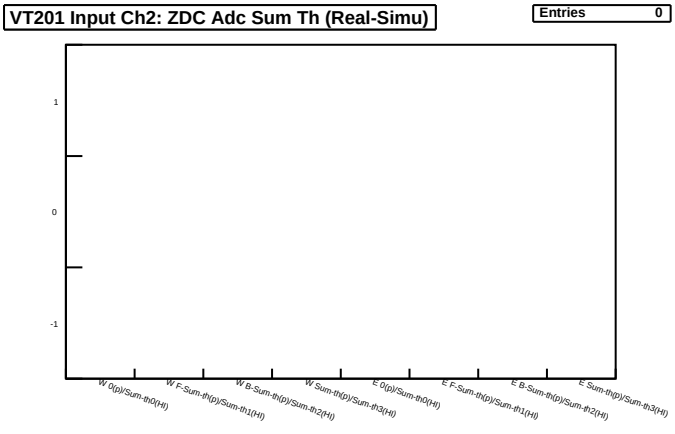

VT201 Input Ch1: EPD Hit Count Th
Entries 663092
327266
326319
4280
5227
East
West

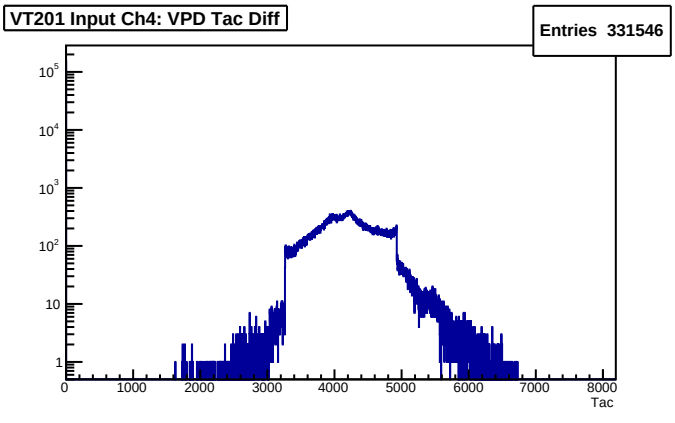

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

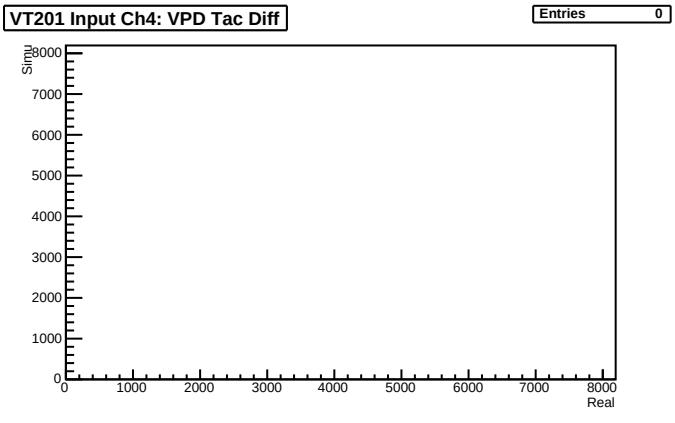

VT201 Input Ch2: ZDC Tac Diff
Entries 331546
Tac

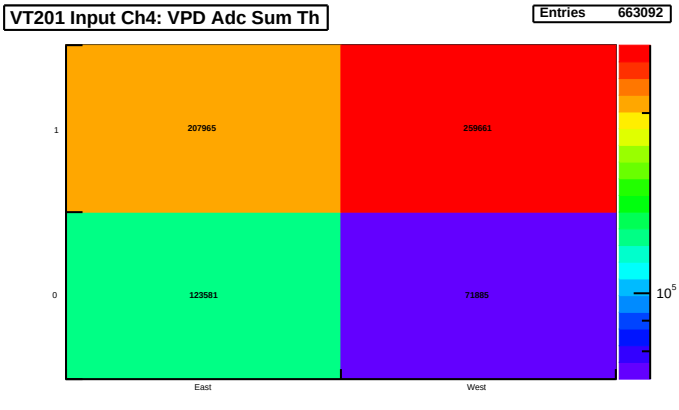

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

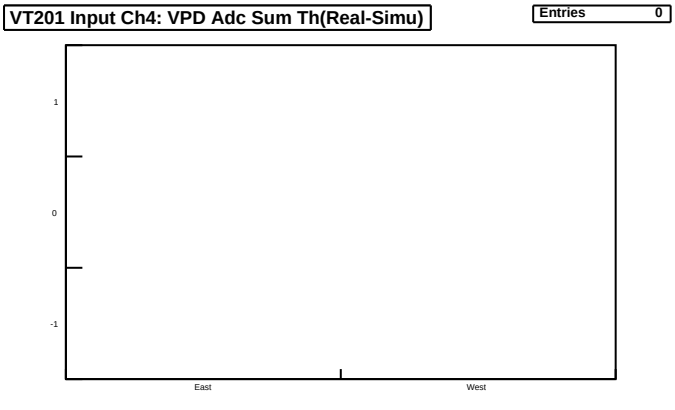

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2652368
9377
2413
13
9
8633
3495
49
45
322169
329133
331533
331537
322913
328051
331497
331501
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

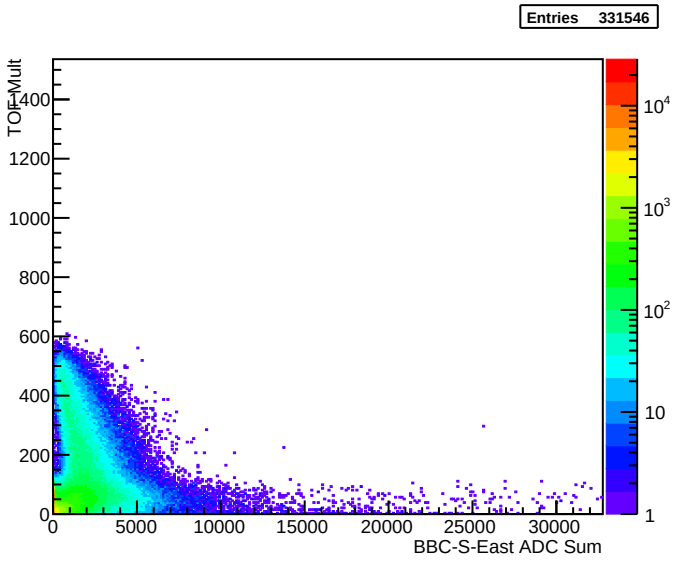

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

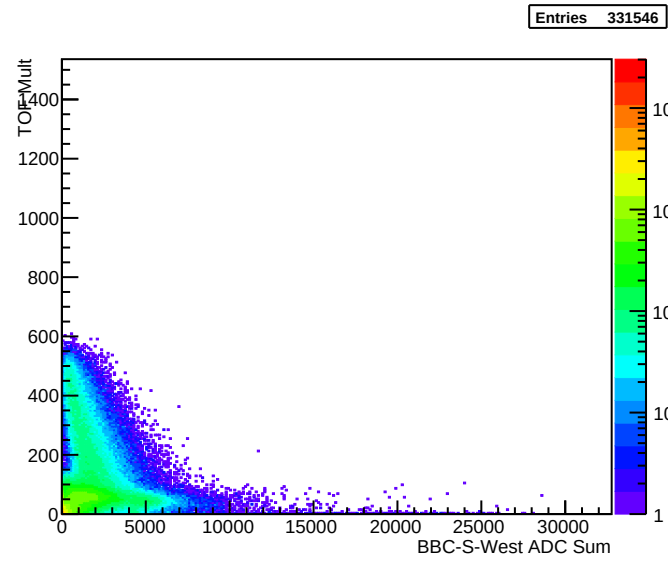

VT201 Input Ch4: VPD Tac Diff
Entries 331546
Tac

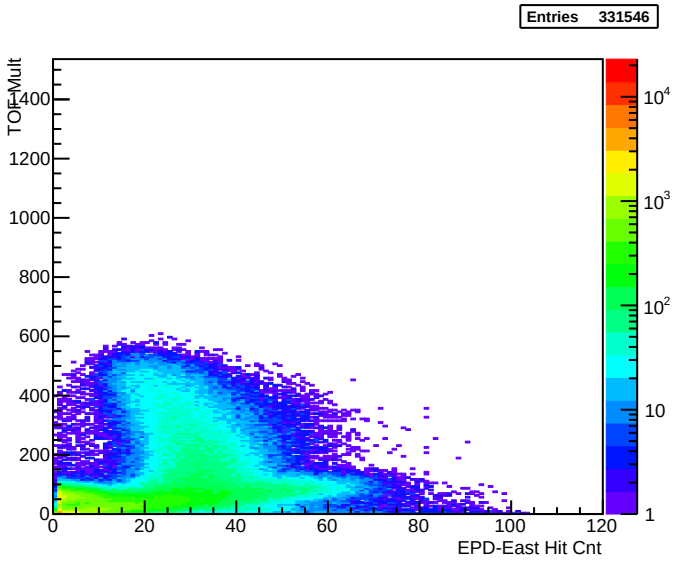

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

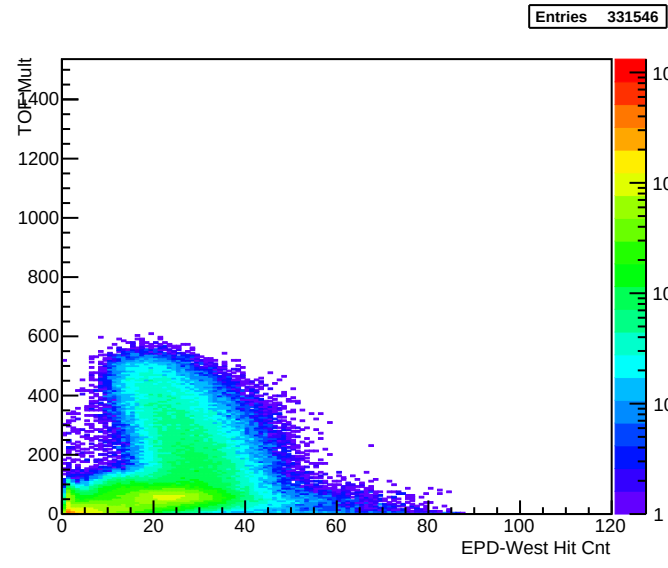

VT201 Input Ch4: VPD Adc Sum Th
Entries 663092
207965
259661
123581
71885
East
West

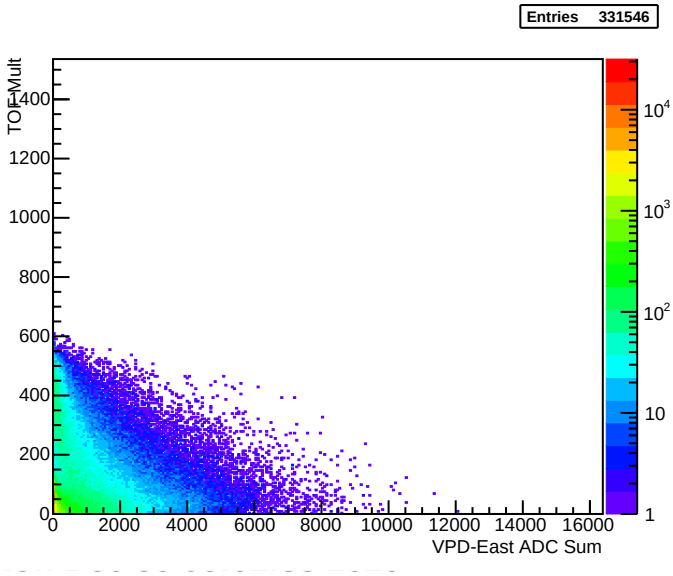

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

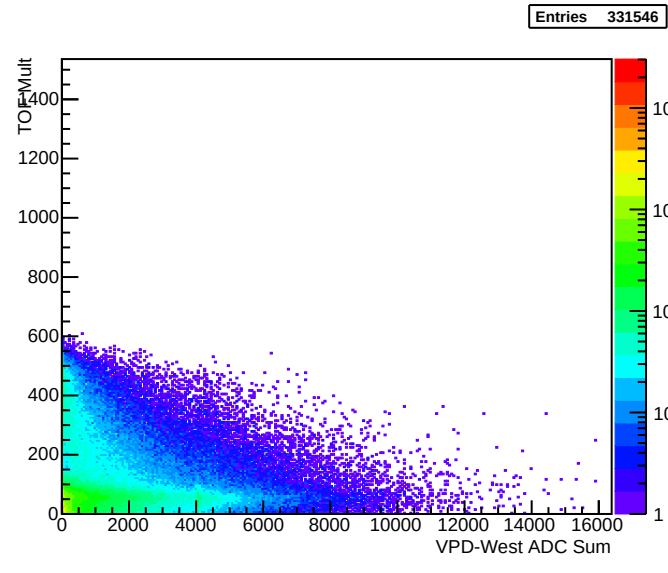

Entries 331546
TOF-Mult
BBC-S-East ADC Sum

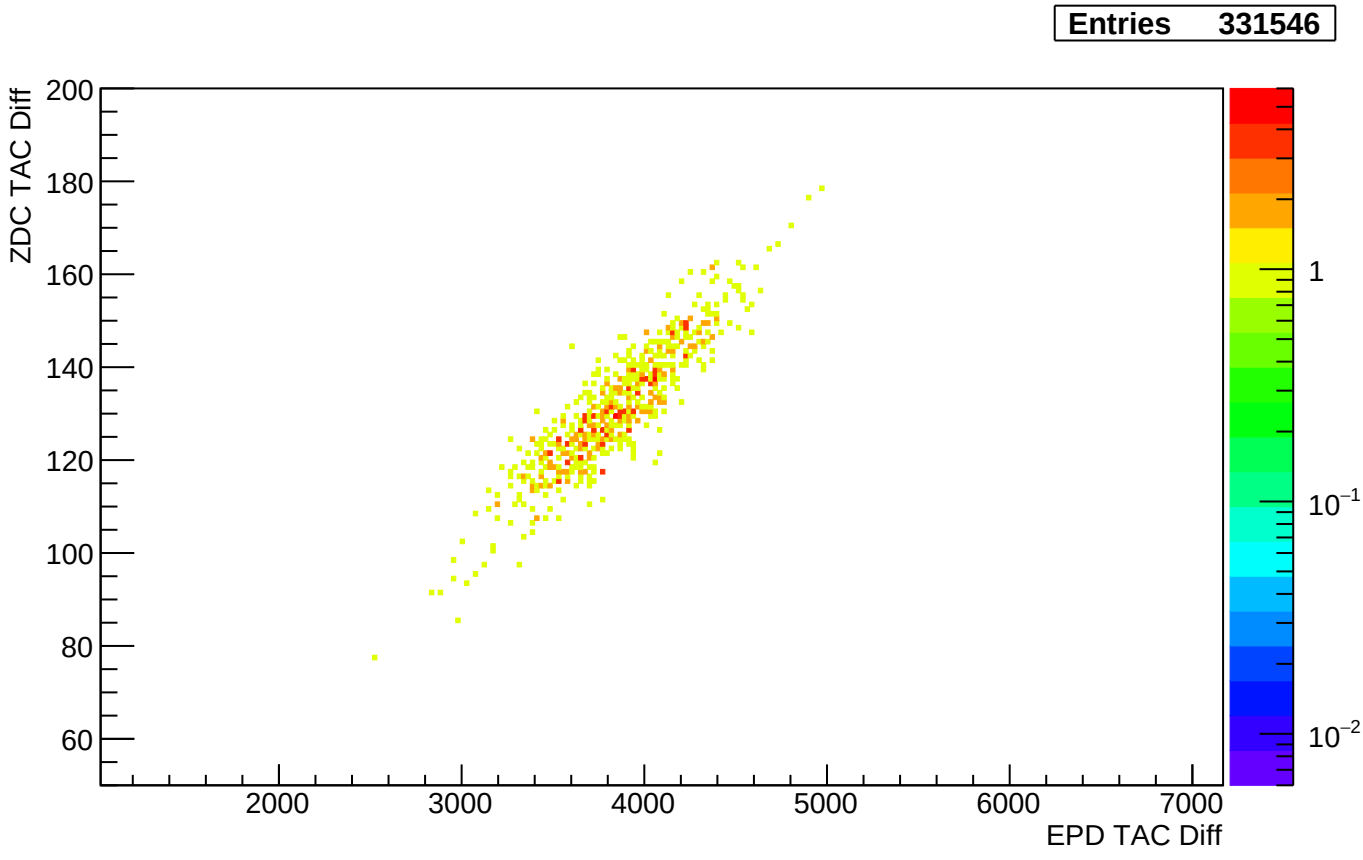

Entries 331546
TOF-Mult
BBC-S-West ADC Sum

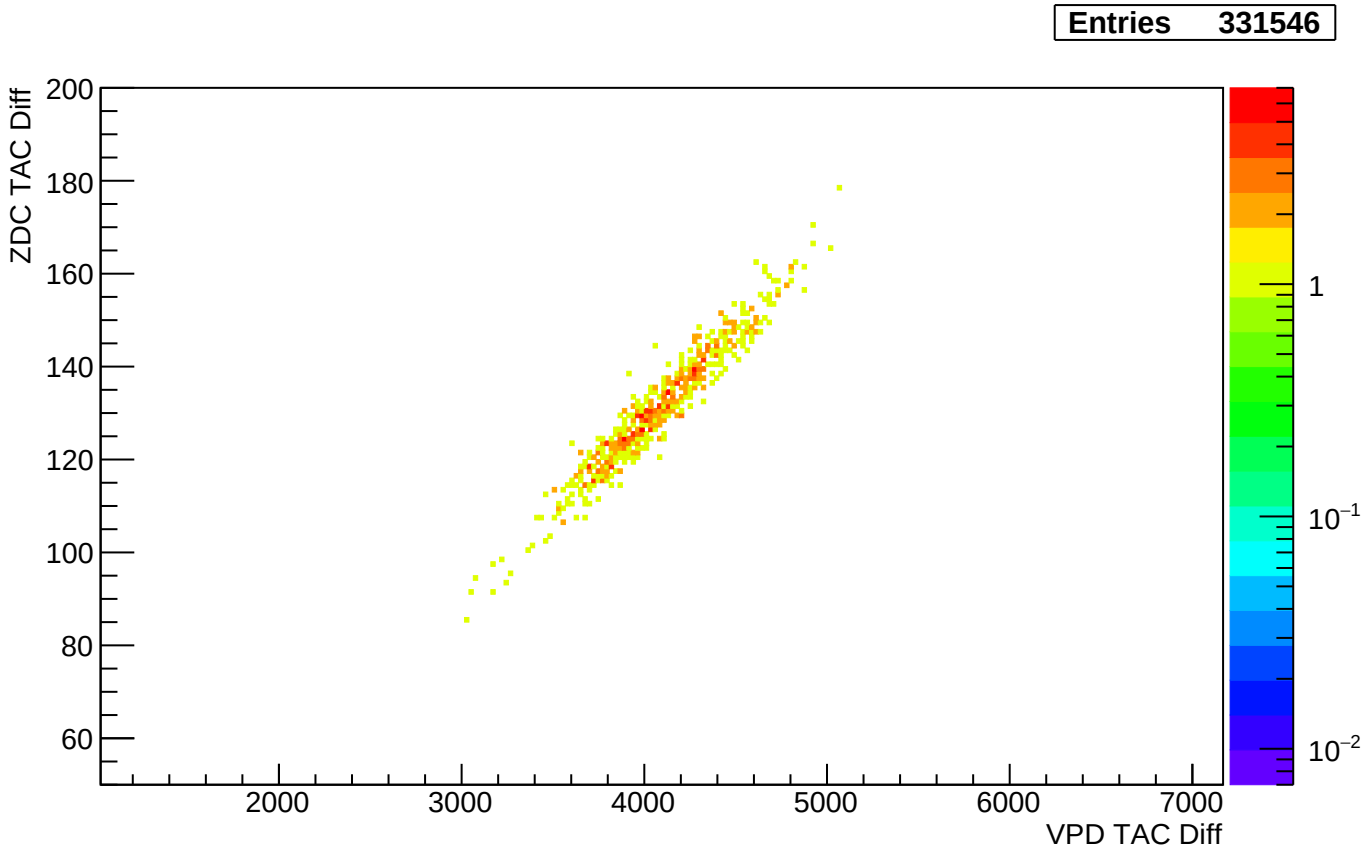

Entries 331546
TOF-Mult
EPD-East Hit Cnt

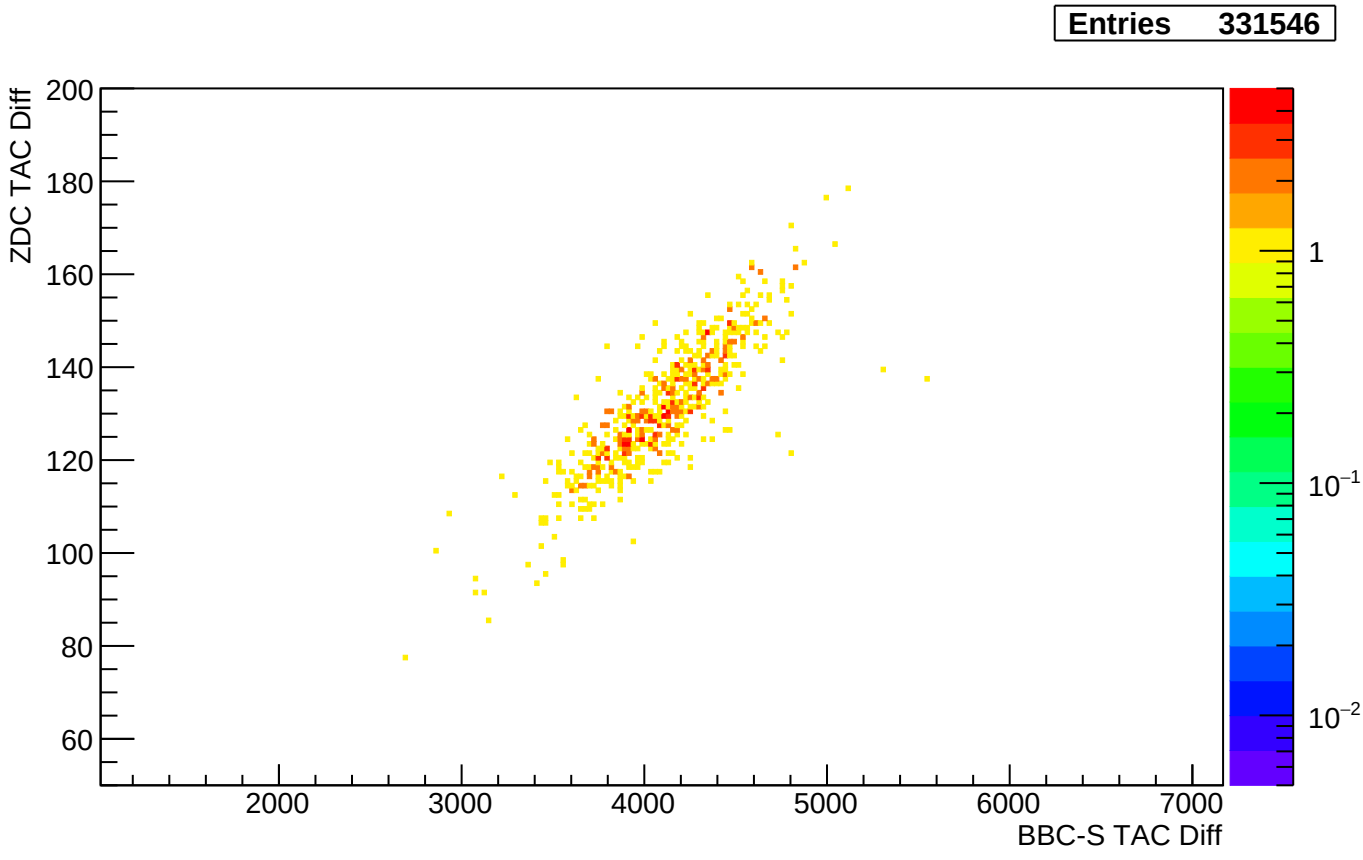

Entries 331546
TOF-Mult
EPD-West Hit Cnt

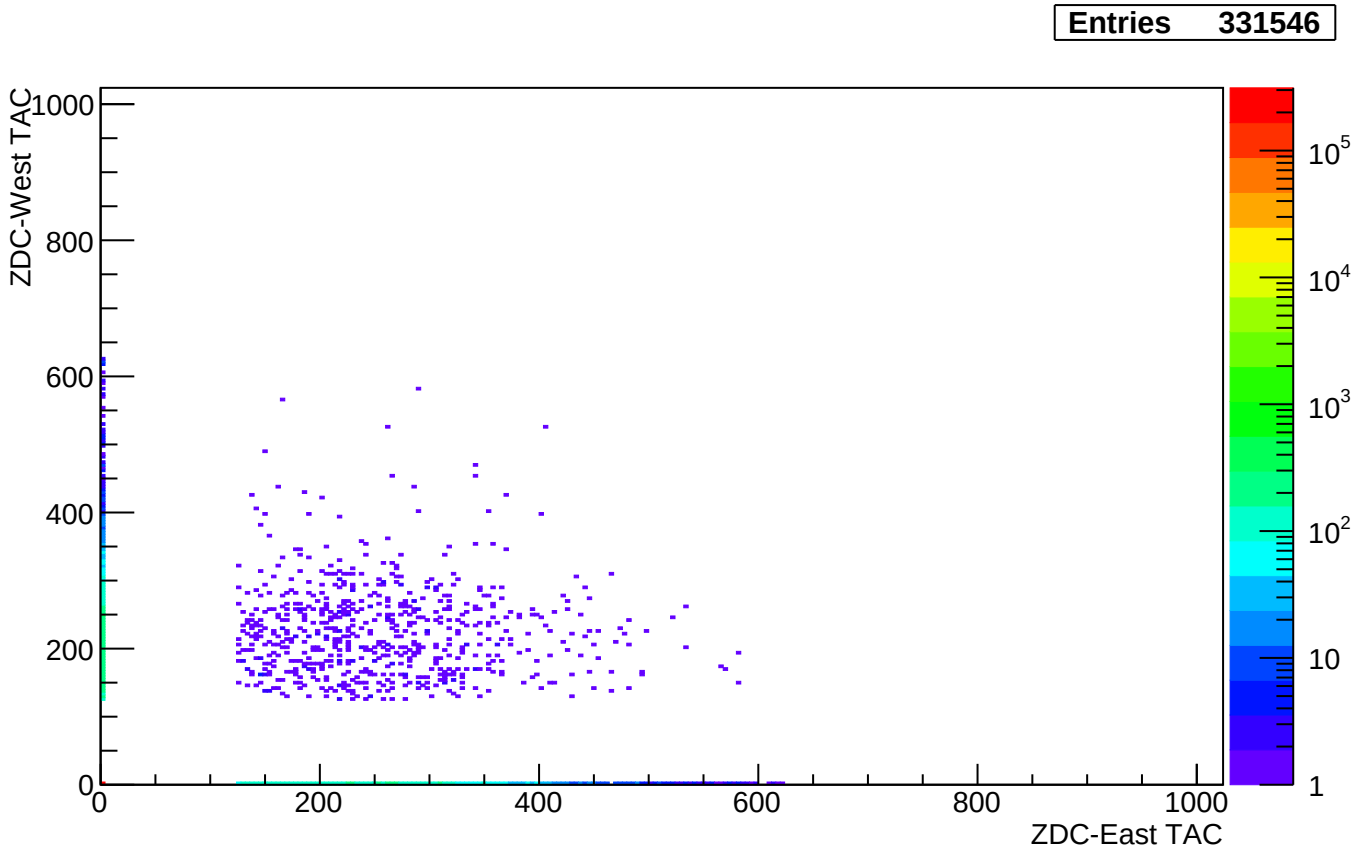

Entries 331546
TOF-Mult
VPD-East ADC Sum

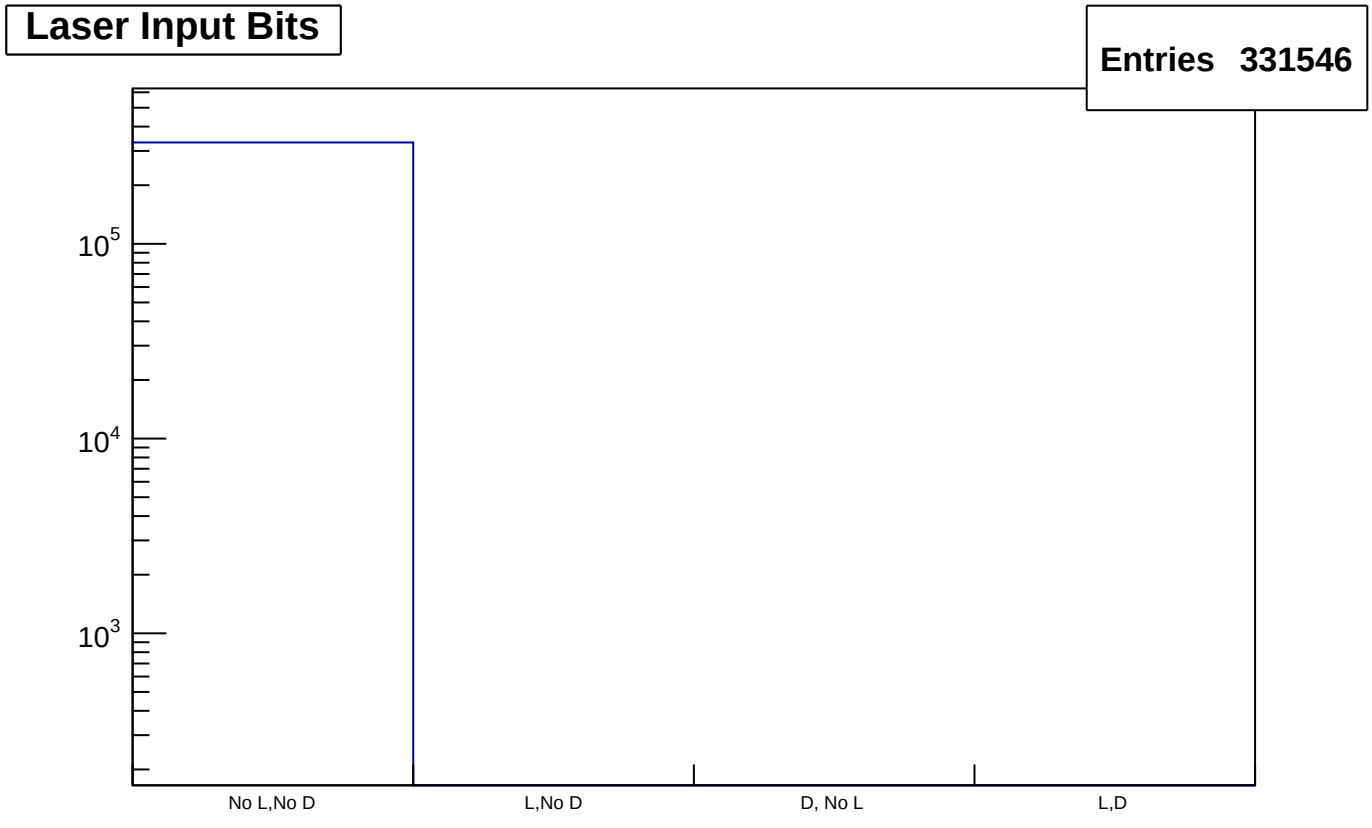

Entries 331546
TOF-Mult
VPD-West ADC Sum

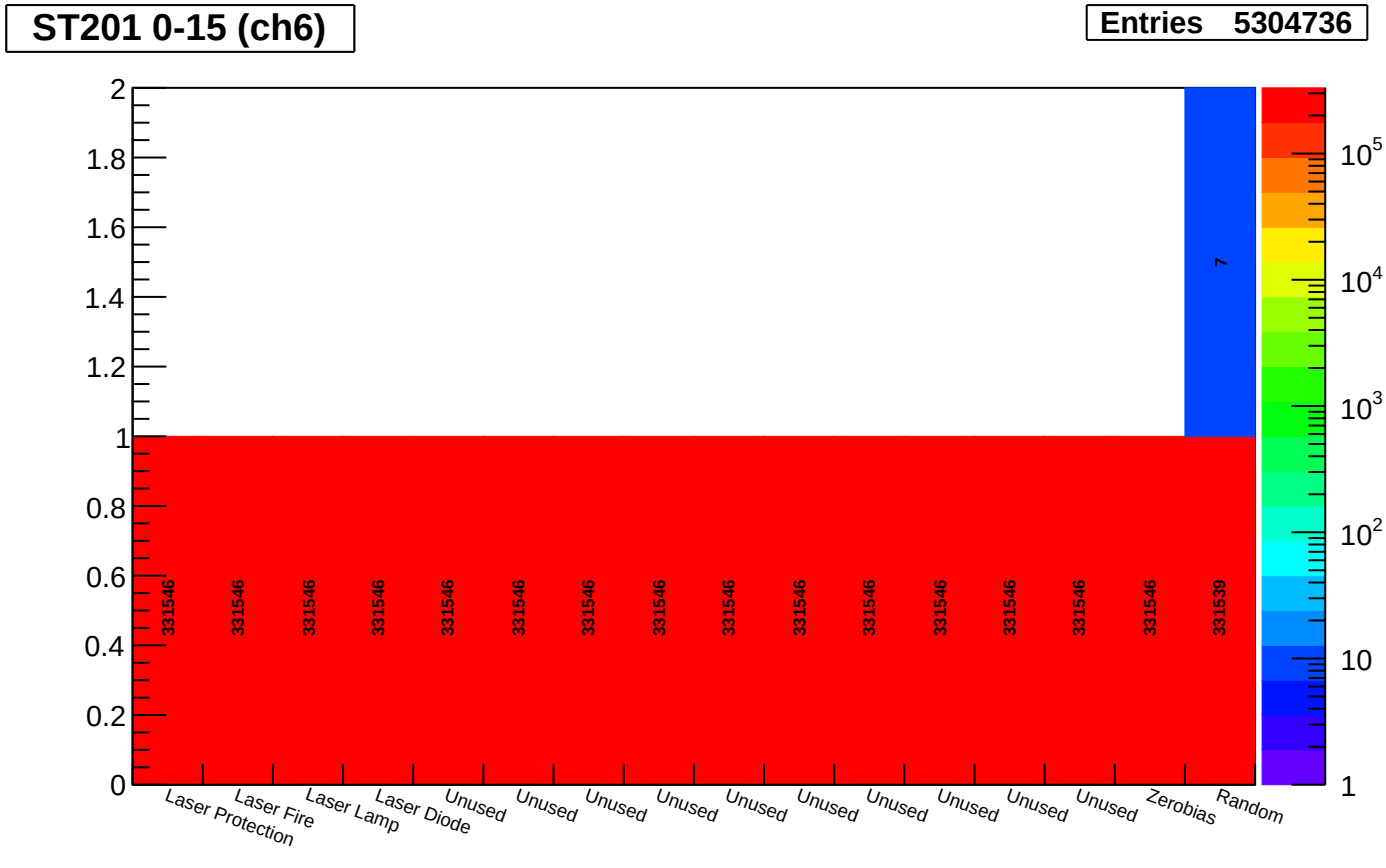

Entries 331546
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

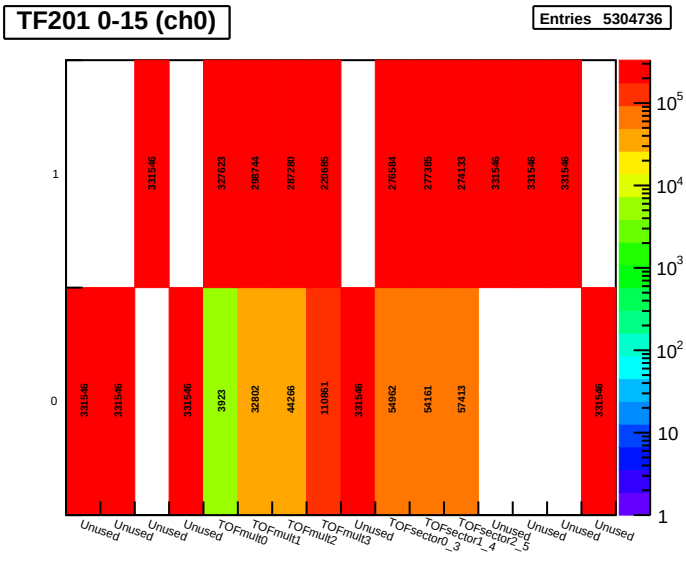

Entries 331546
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

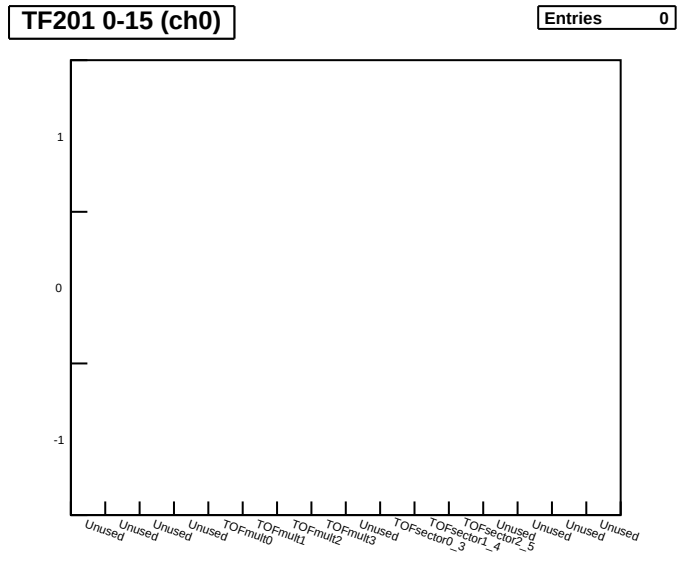

Entries 331546
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

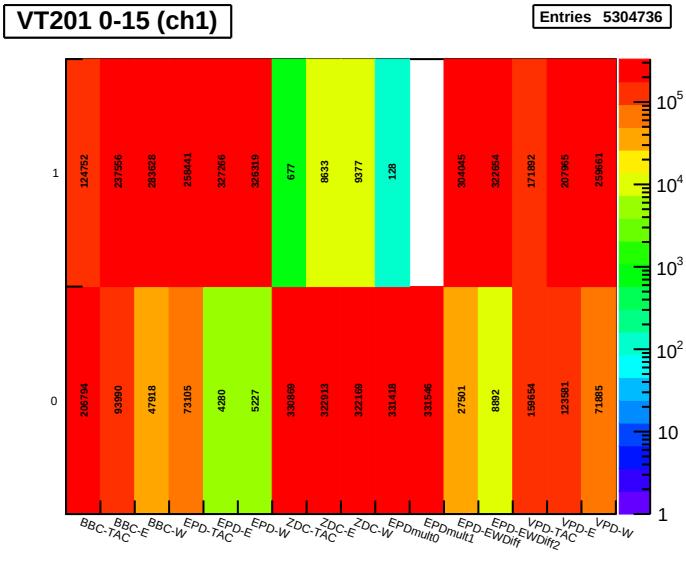

Entries 331546
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

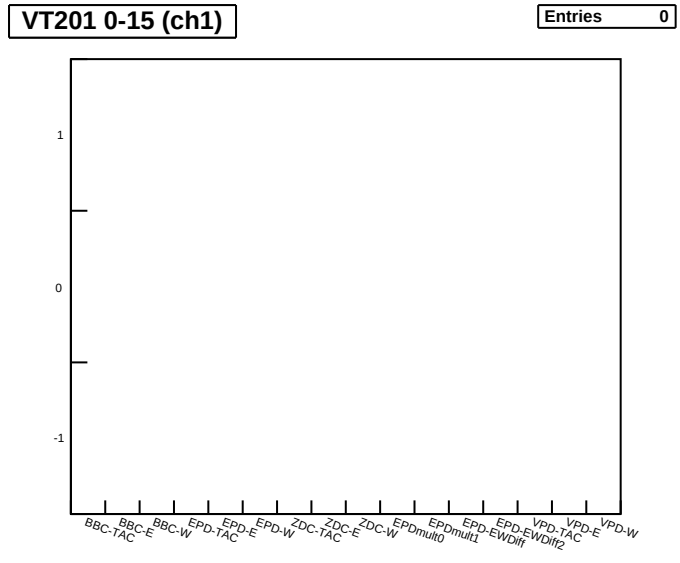

Laser Input Bits
Entries 331546
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

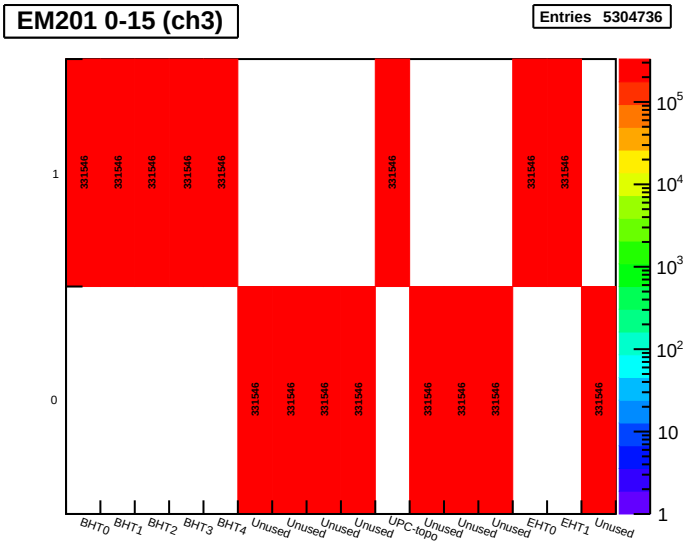

ST201 0-15 (ch6)
Entries 5304736
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
7
331546
331539
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

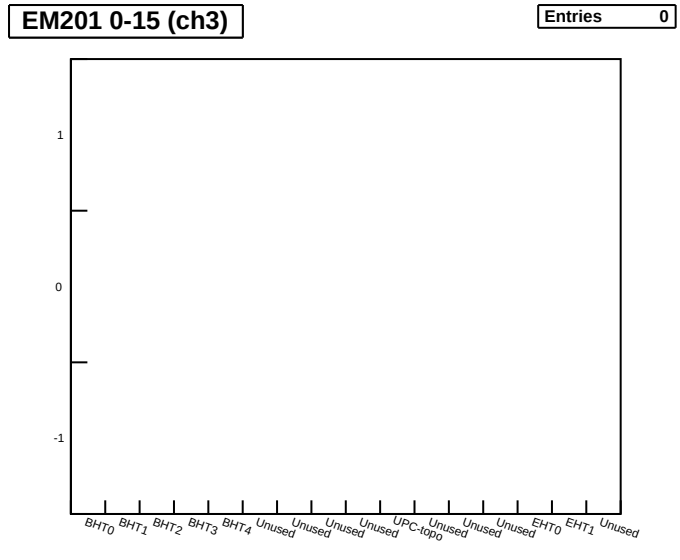

TF201 0-15 (ch0)
Entries 5304736
1
0
331546 327623 298744 287280 220685 276584 277385 274133 331546 331546 331546
331546 331546 331546 3923 32802 44266 110861 331546 54962 54161 57413 331546
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5304736
1
0
124752 237556 283628 258441 327266 326319 677 8633 9377 128 304045 322654 171892 207965 259661
206794 93990 47918 73105 4280 5227 330869 322913 322169 331418 331546 27501 8892 159654 123581 71885
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 5304736
1
0
331546 331546 331546 331546 331546 331546 331546 331546 331546
331546 331546 331546 331546 331546 331546 331546 331546
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