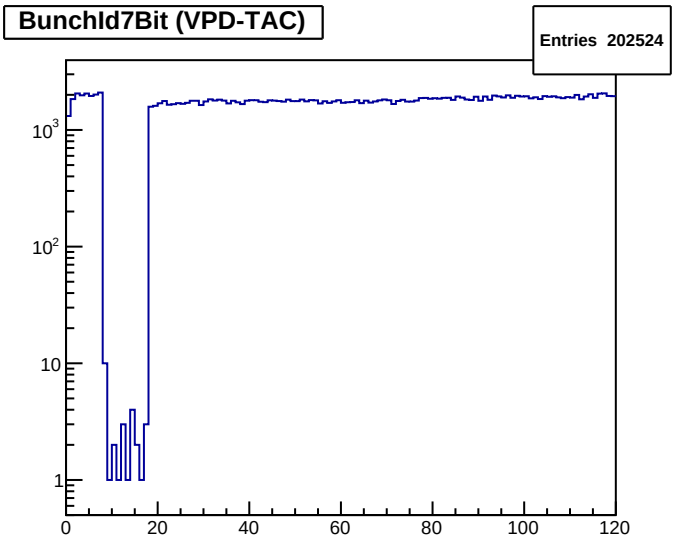
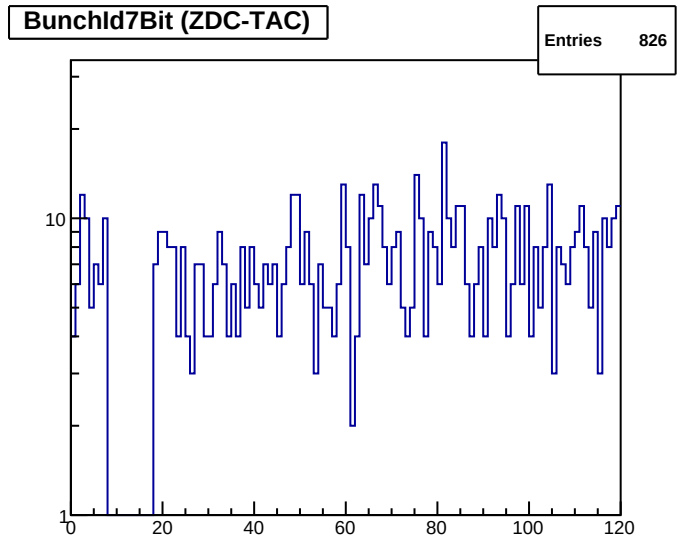
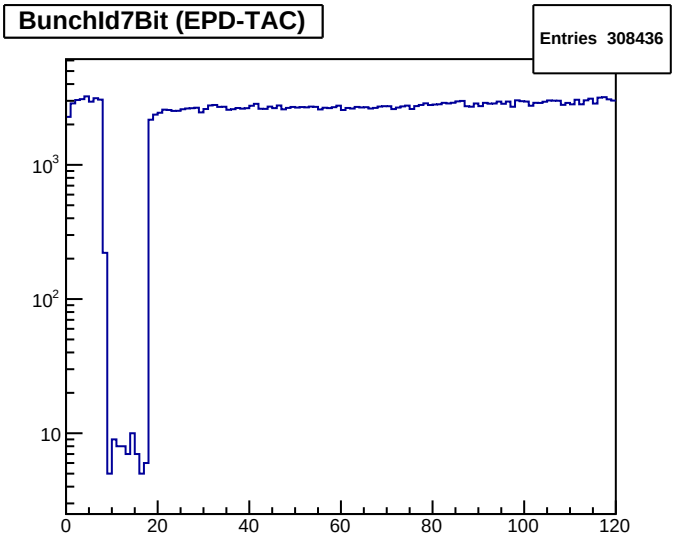
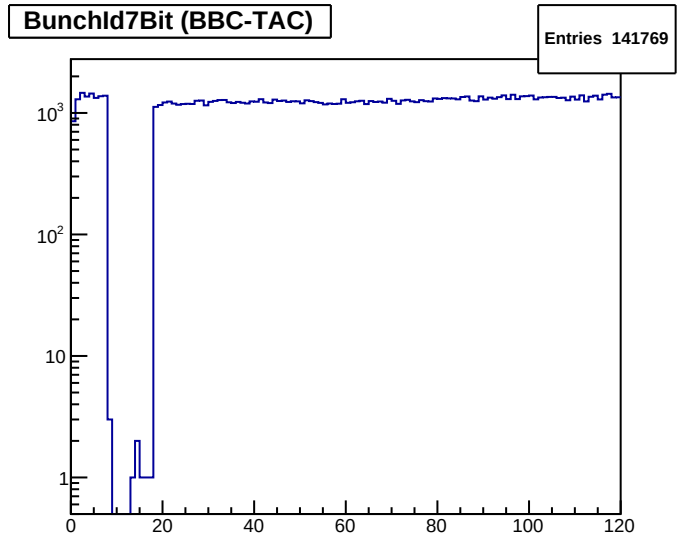
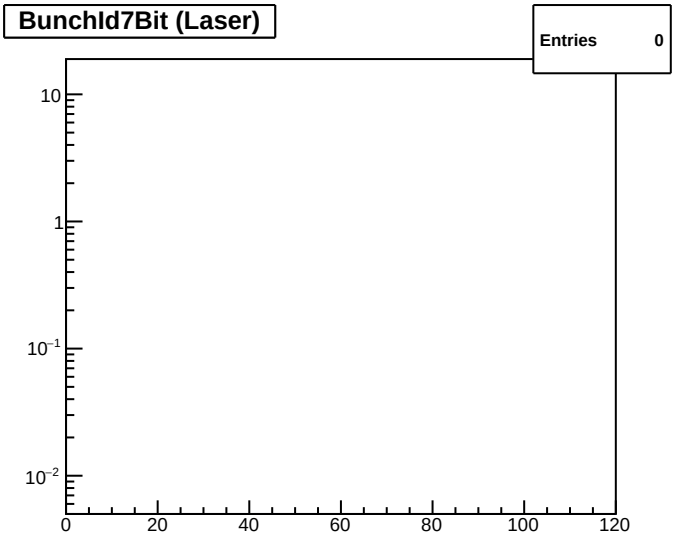
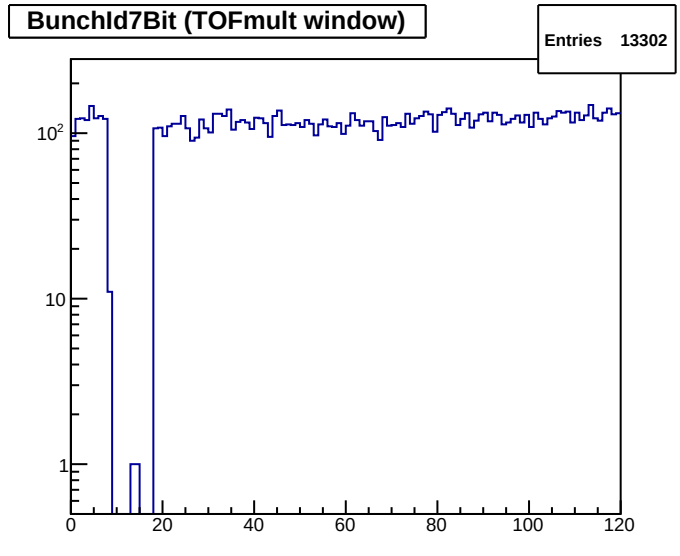

BunchId7Bit (VPD-TAC)
Entries 202524

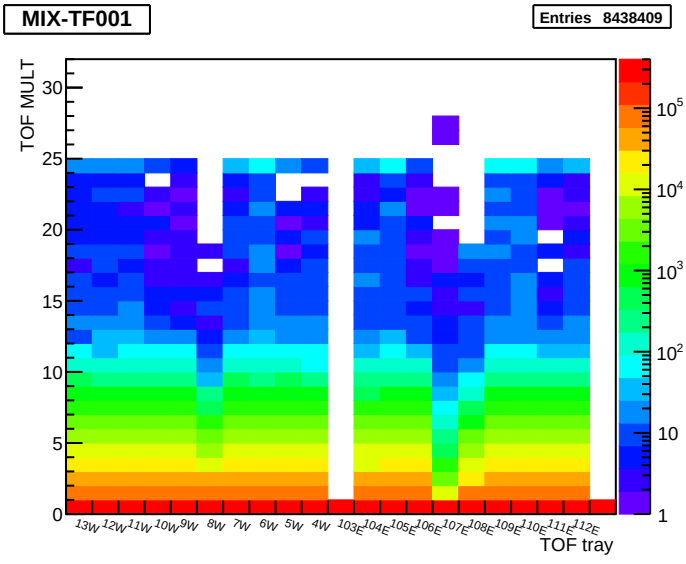

BunchId7Bit (ZDC-TAC)
Entries 826

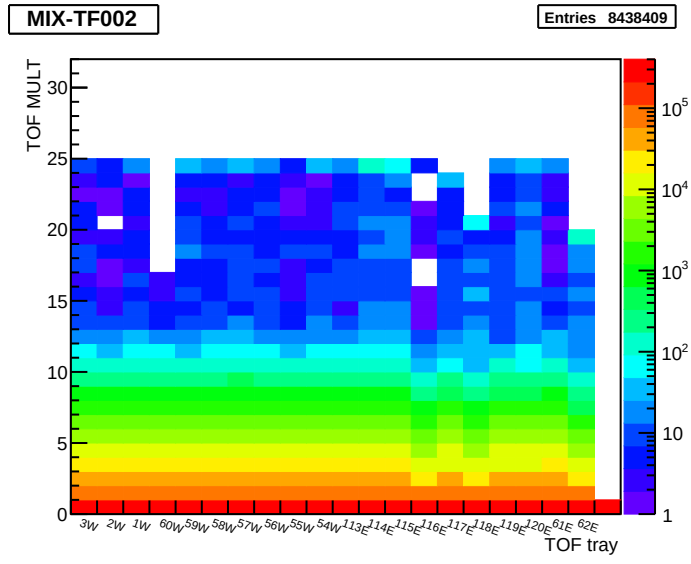

BunchId7Bit (EPD-TAC)
Entries 308436

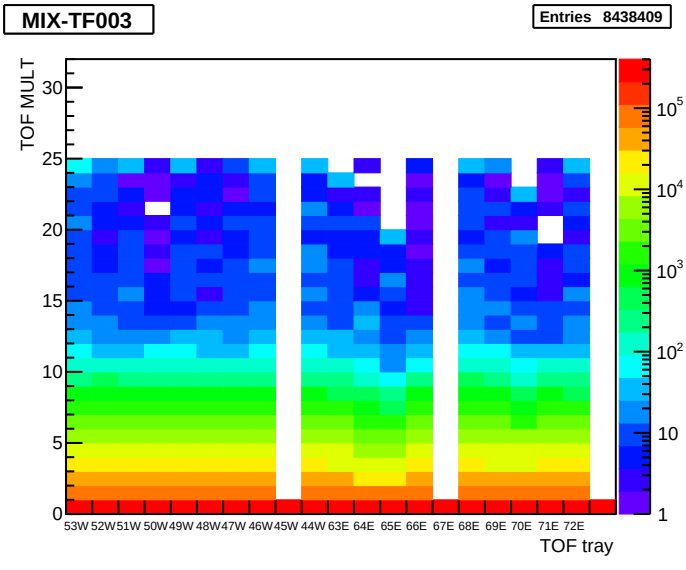

BunchId7Bit (BBC-TAC)
Entries 141769

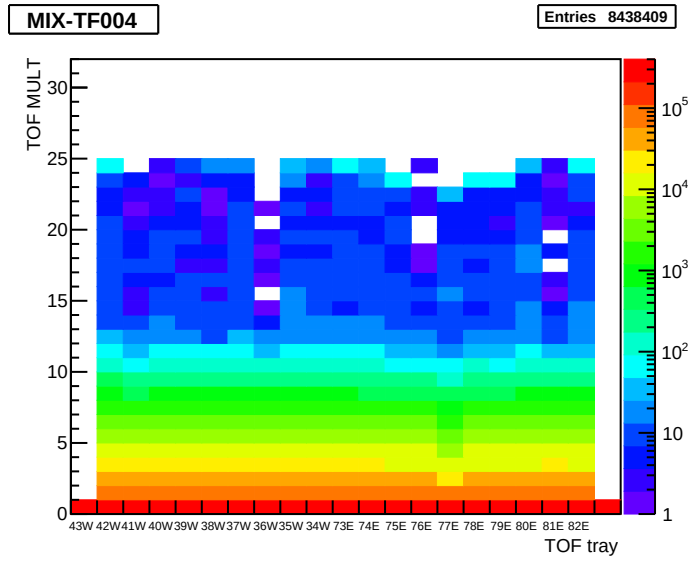

BunchId7Bit (Laser)
Entries 0

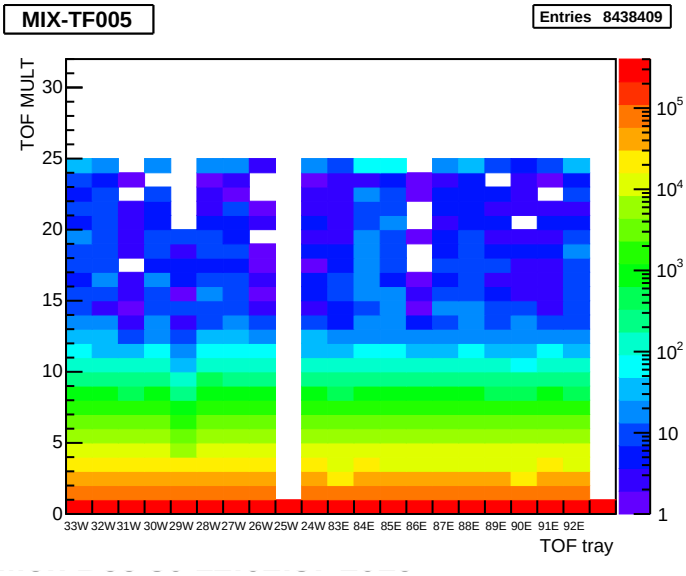

BunchId7Bit (TOFmult window)
Entries 13302

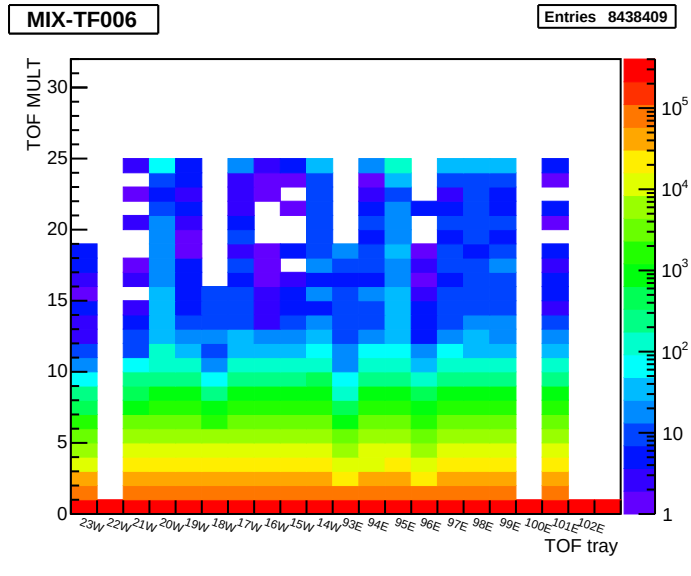

MIX-TF001
Entries 8438409
TOF MULT
TOF tray

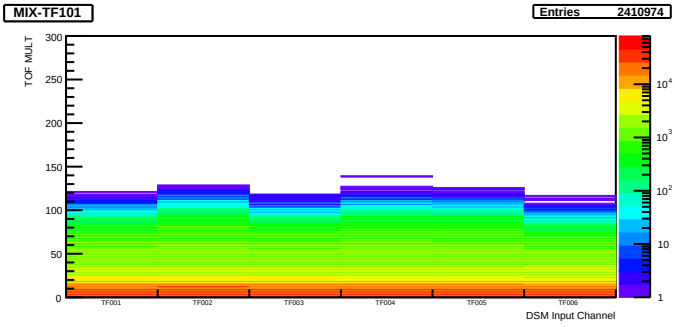

MIX-TF002
Entries 8438409
TOF MULT
TOF tray

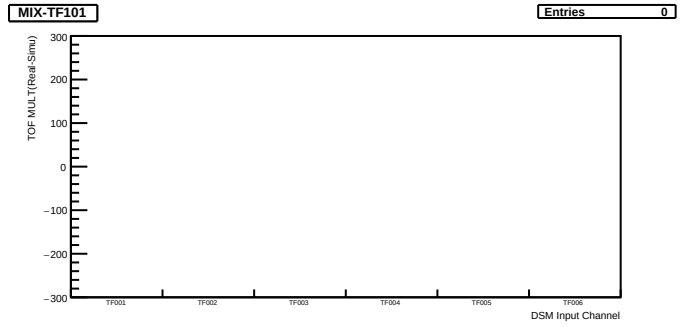

MIX-TF003
Entries 8438409
TOF MULT
TOF tray

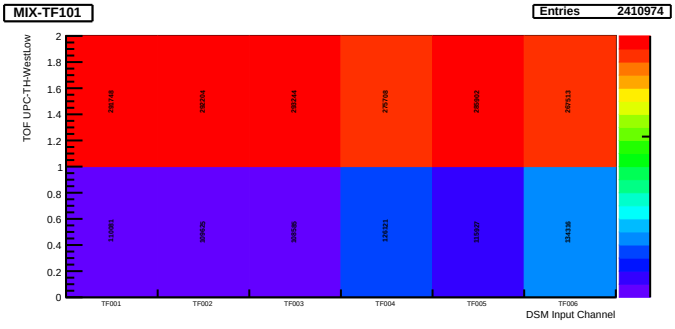

MIX-TF004
Entries 8438409
TOF MULT
TOF tray

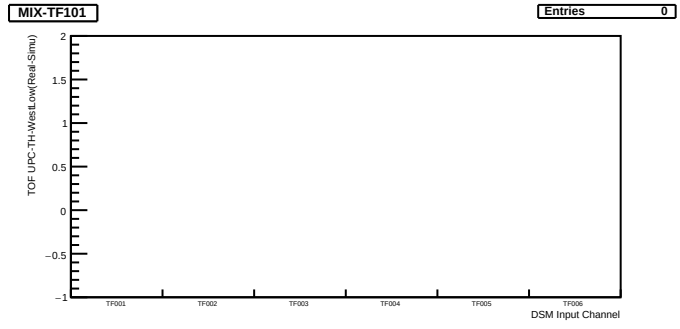

MIX-TF005
Entries 8438409
TOF MULT
TOF tray

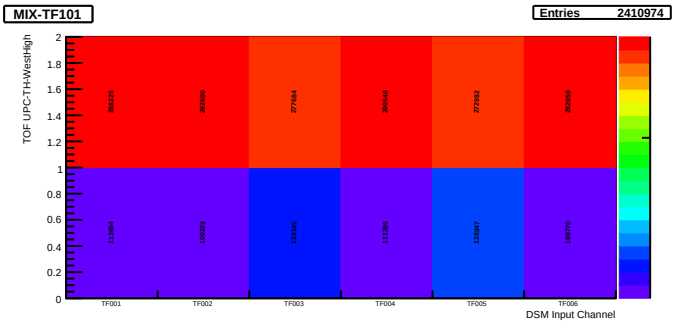

MIX-TF006
Entries 8438409
TOF MULT
TOF tray

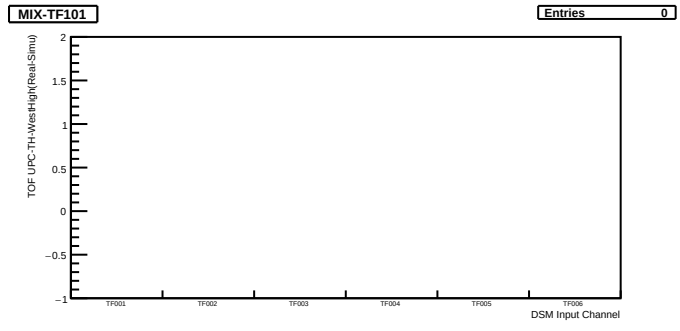

MIX-TF101
Entries 2410974
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

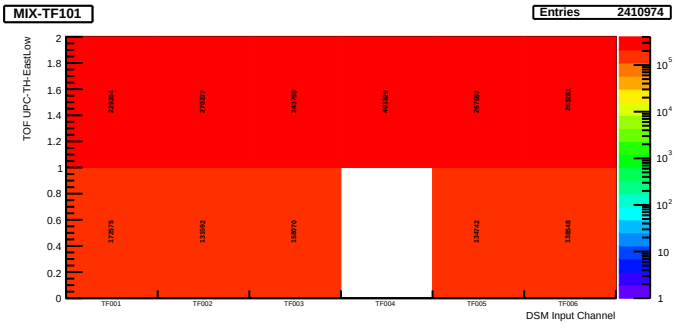

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

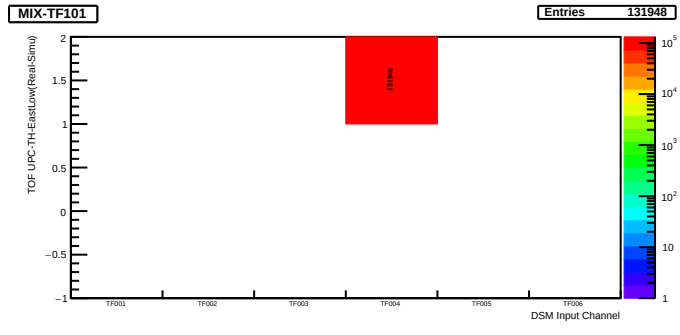

MIX-TF101
Entries 2410974
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

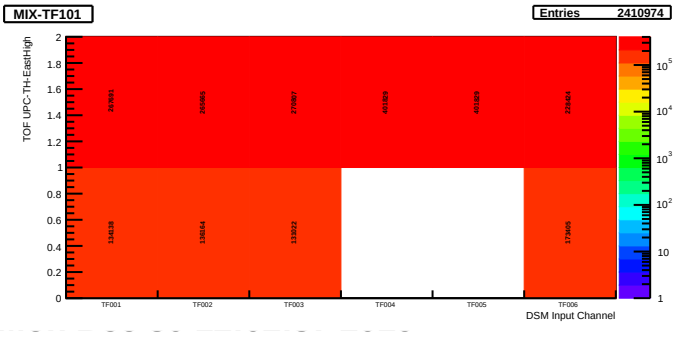

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

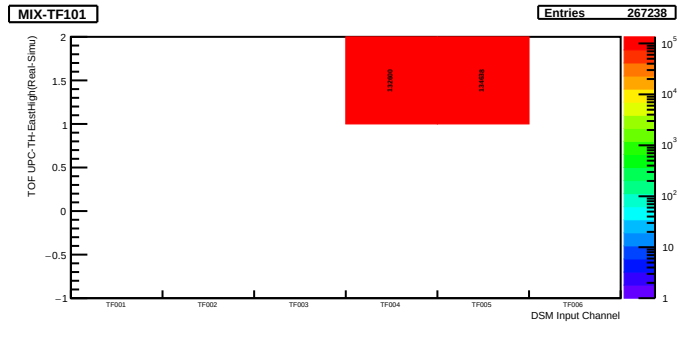

MIX-TF101
Entries 2410974
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

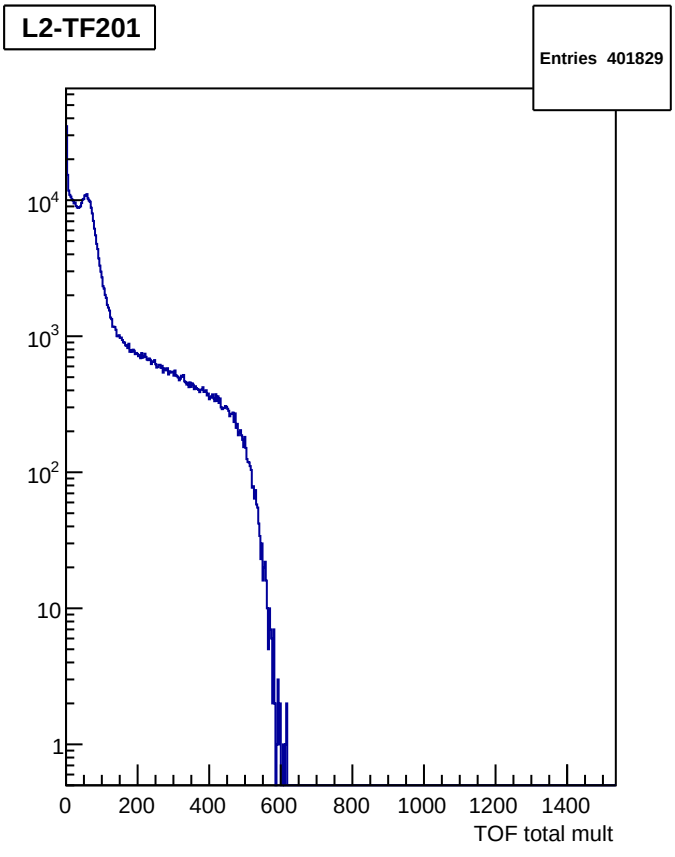

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

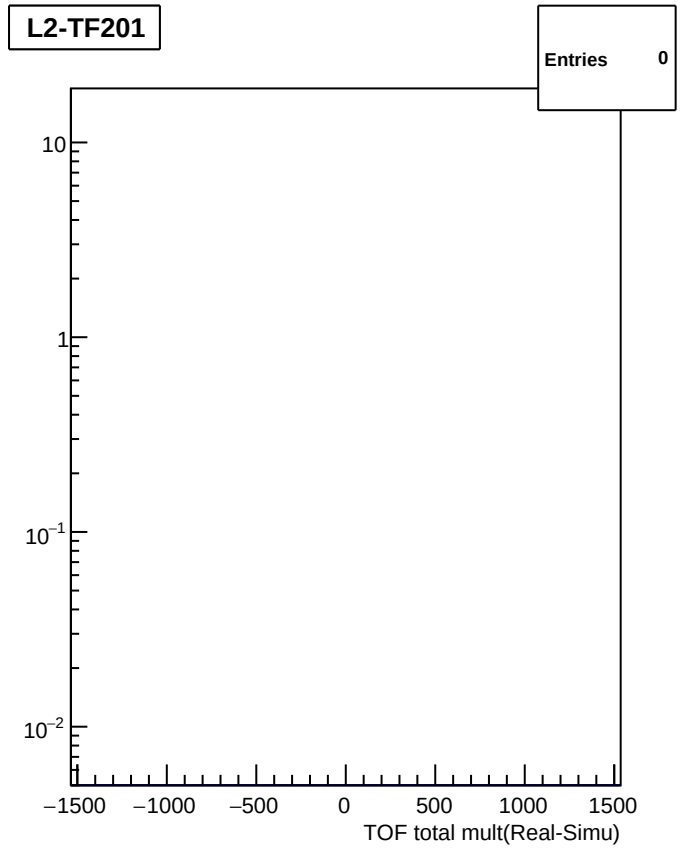

MIX-TF101
Entries 2410974
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

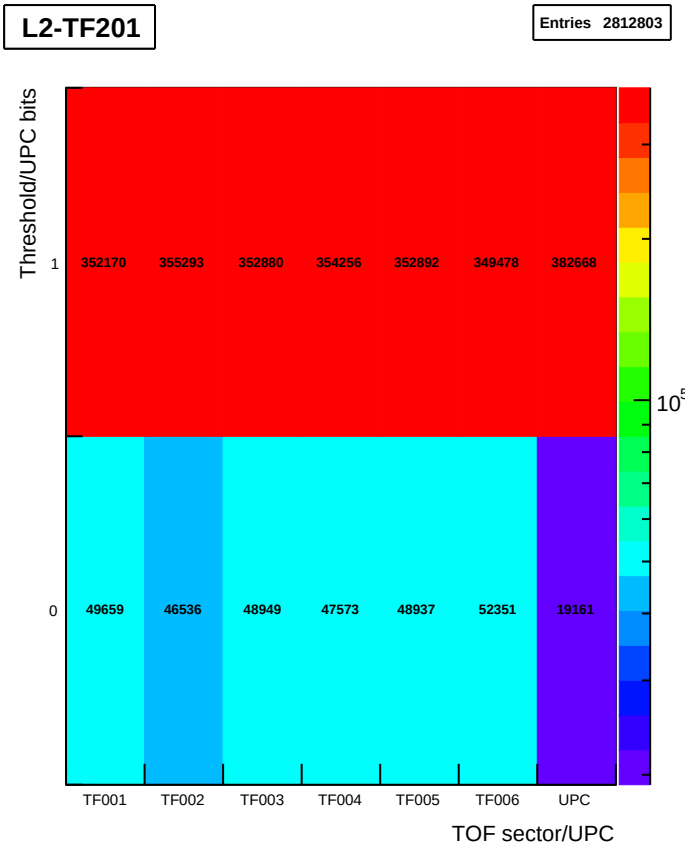

MIX-TF101
Entries 131948
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

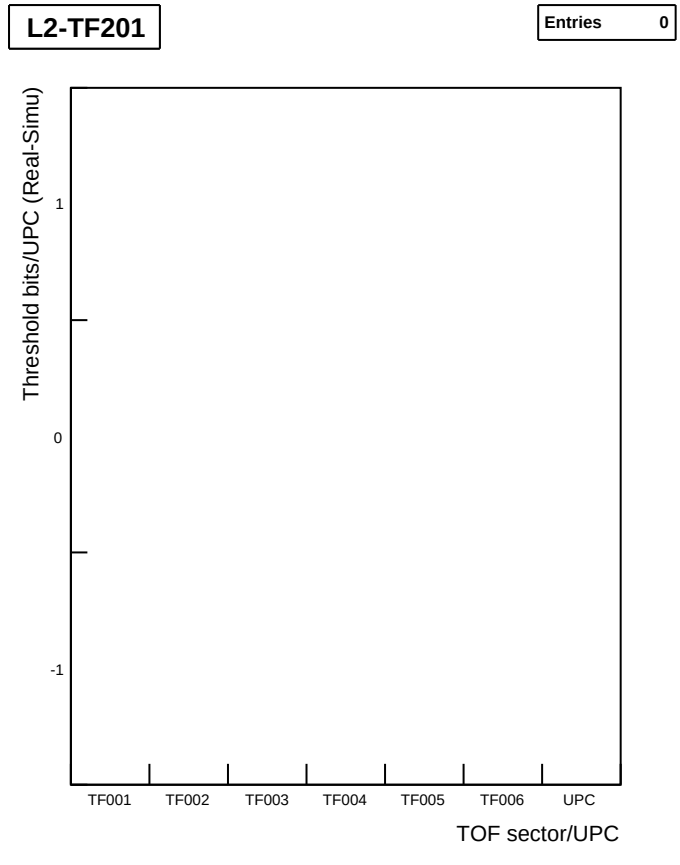

MIX-TF101
Entries 2410974
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

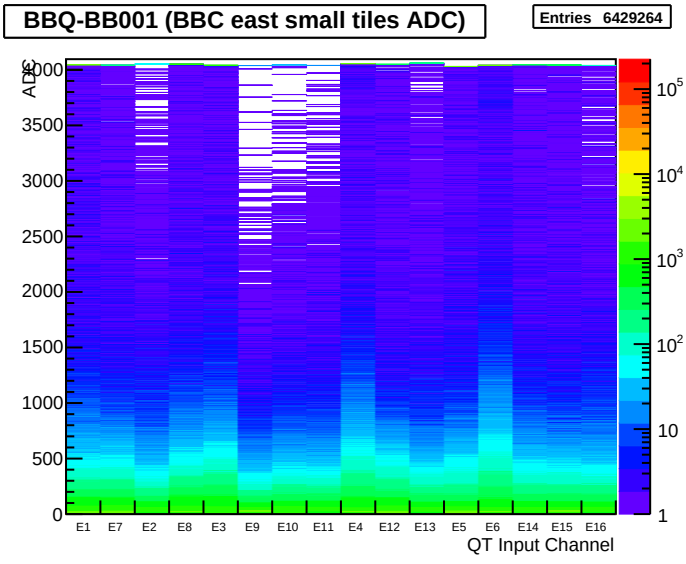

MIX-TF101
Entries 267238
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

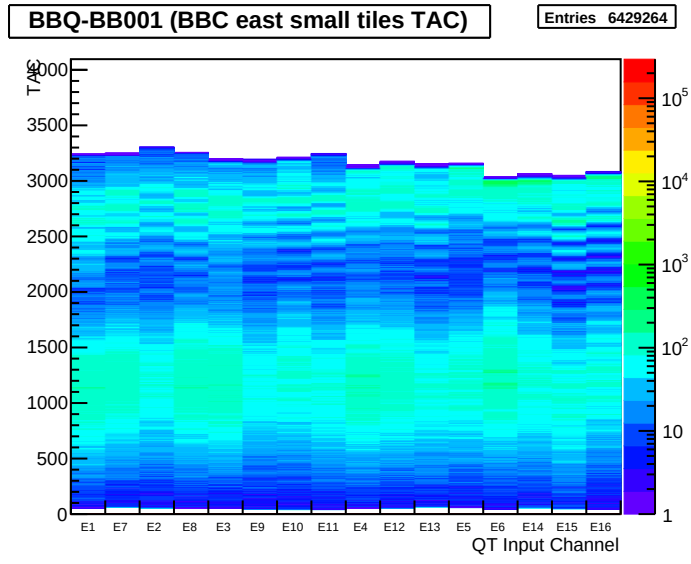

L2-TF201
Entries 401829
TOF total mult

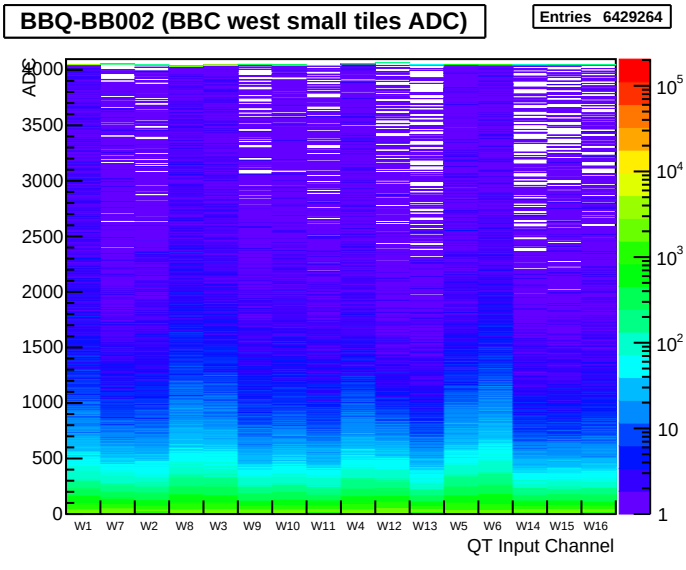

L2-TF201
Entries 0
TOF total mult(Real-Simu)

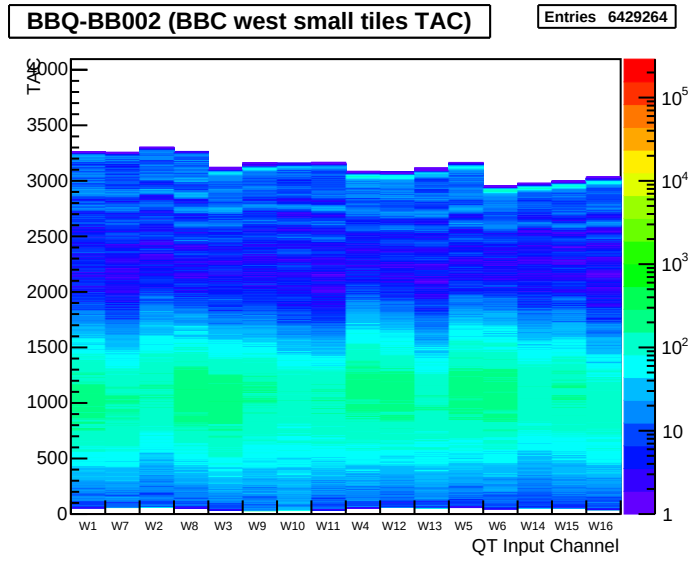

L2-TF201
Entries 2812803
Threshold/UPC bits
352170
355293
352880
354256
352892
349478
382668
49659
46536
48949
47573
48937
52351
19161
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

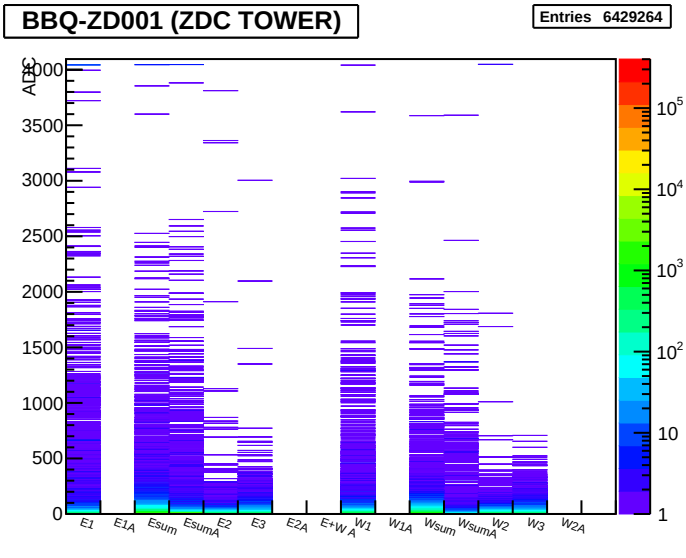

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

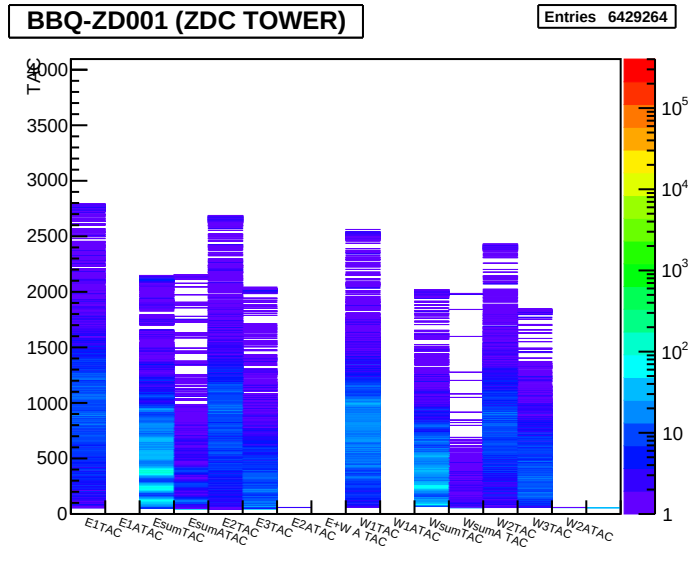

BBQ-BB001 (BBC east small tiles ADC)
Entries 6429264
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

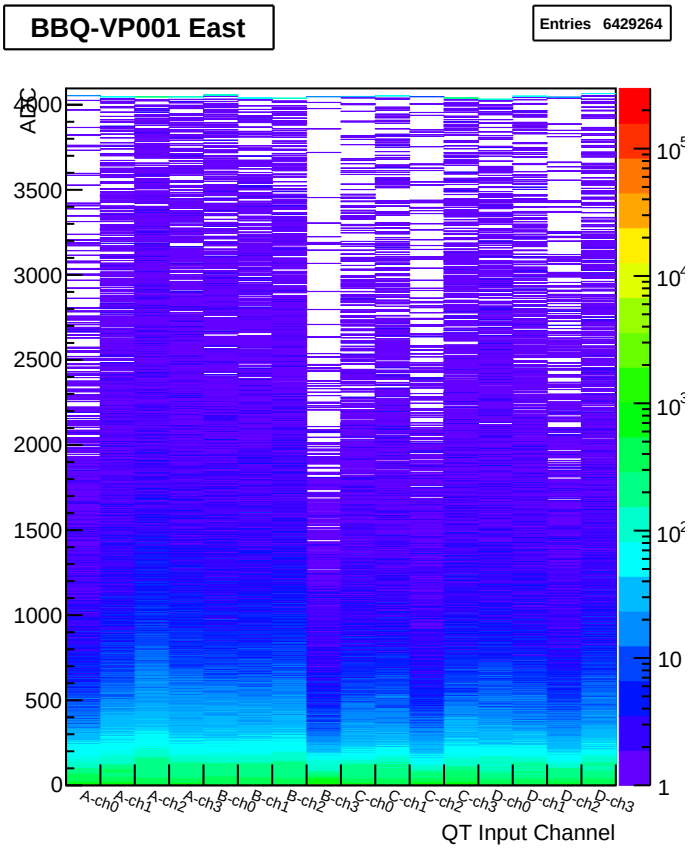

BBQ-BB001 (BBC east small tiles TAC)
Entries 6429264
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

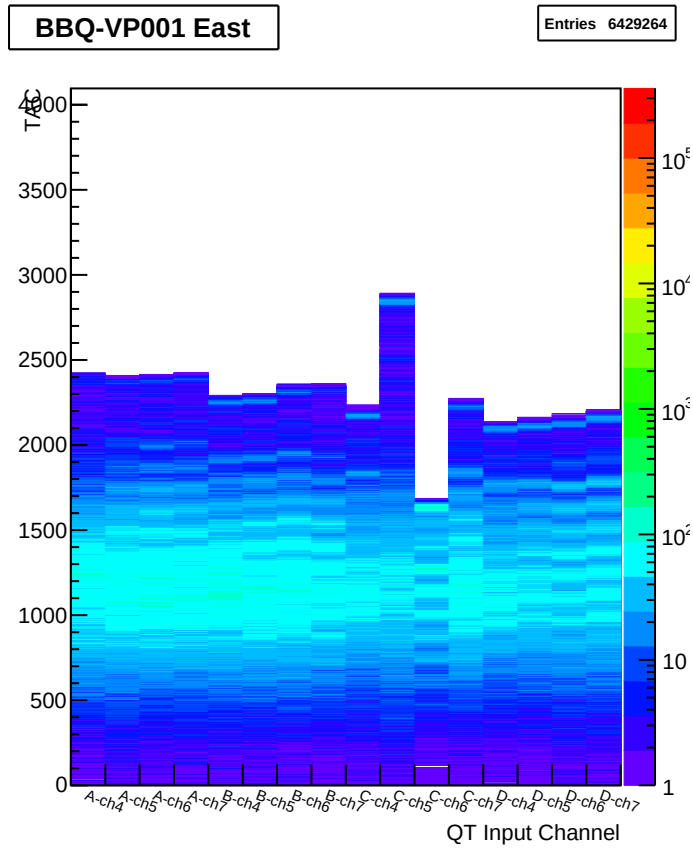

BBQ-BB002 (BBC west small tiles ADC)
Entries 6429264
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

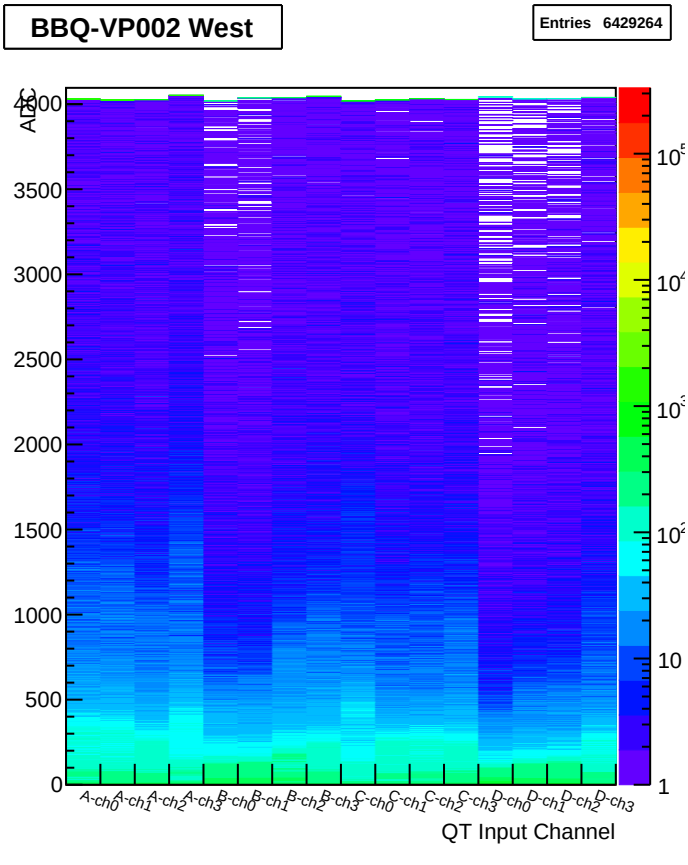

BBQ-BB002 (BBC west small tiles TAC)
Entries 6429264
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

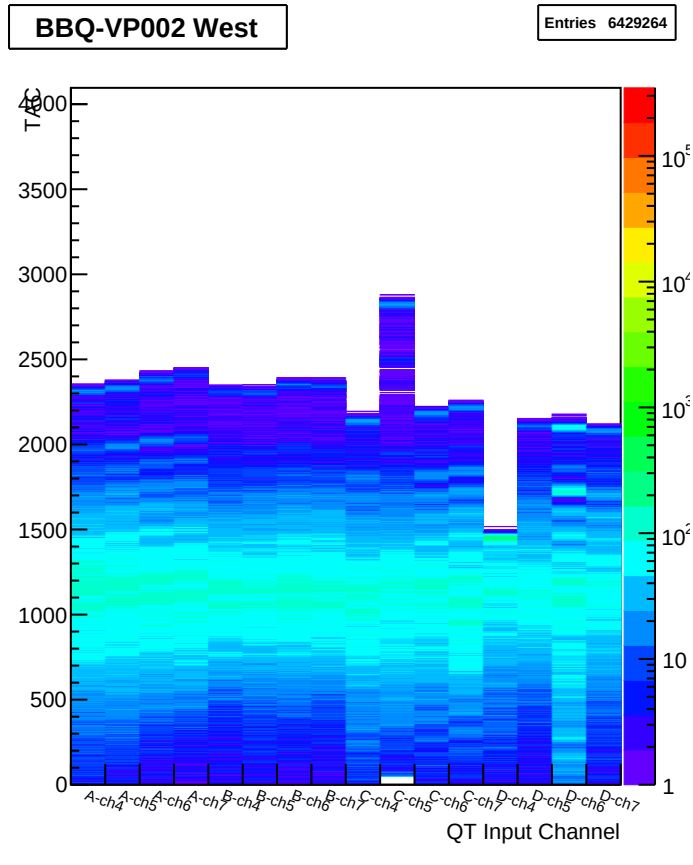

BBQ-ZD001 (ZDC TOWER)
Entries 6429264
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

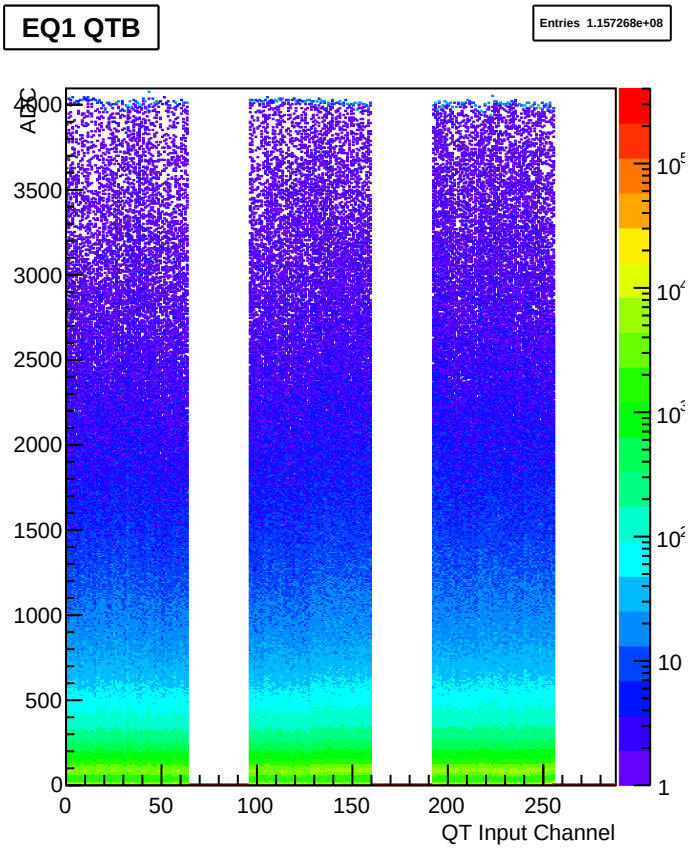

BBQ-ZD001 (ZDC TOWER)
Entries 6429264
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

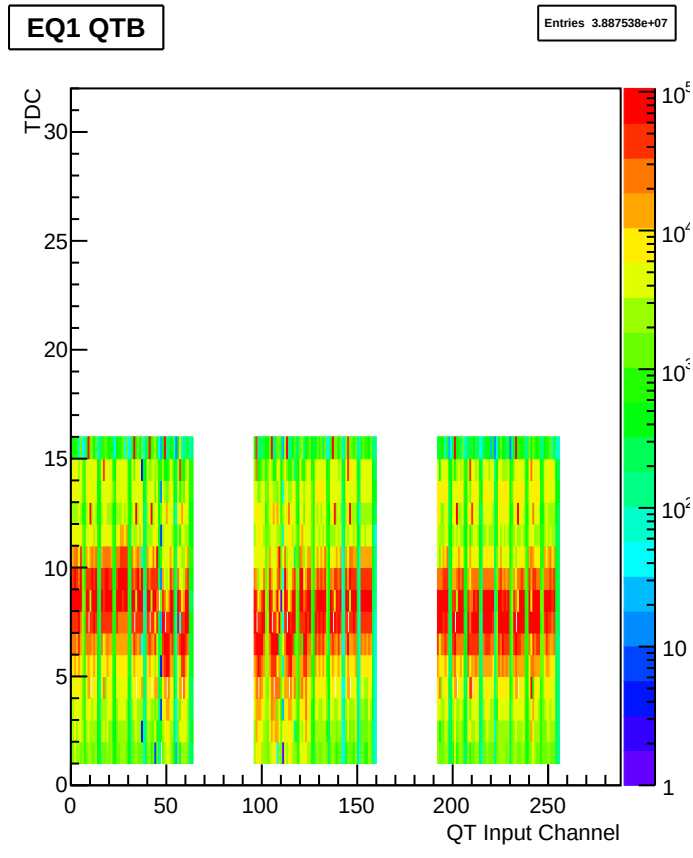

BBQ-VP001 East
Entries 6429264
ADC
QT Input Channel

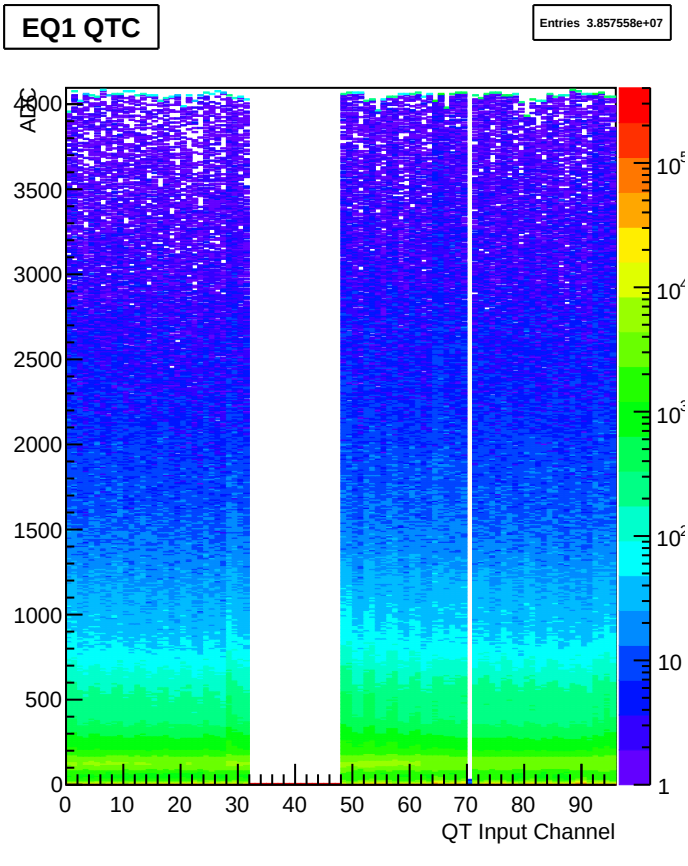

BBQ-VP001 East
Entries 6429264
TADC
QT Input Channel

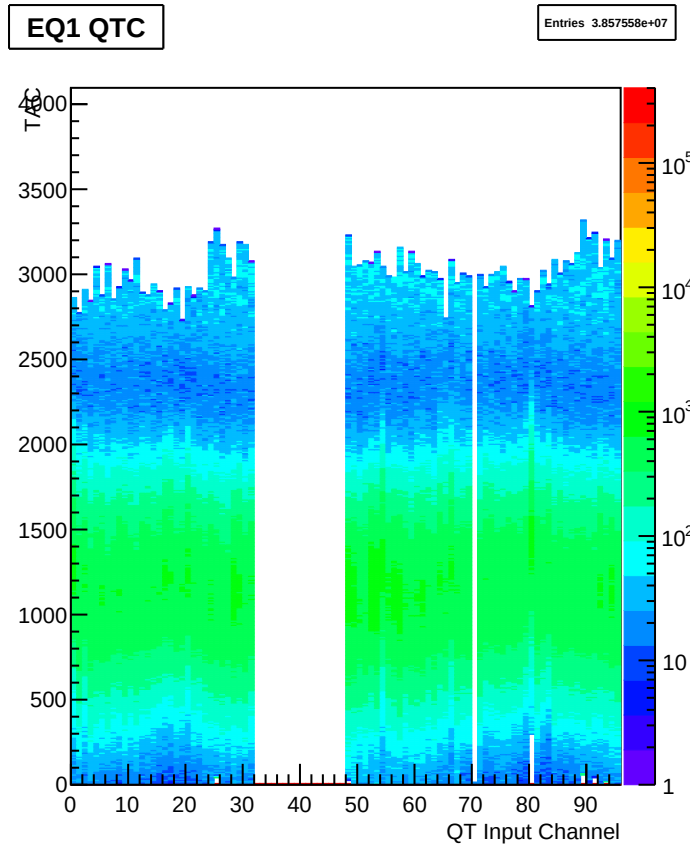

BBQ-VP002 West
Entries 6429264
ADC
QT Input Channel

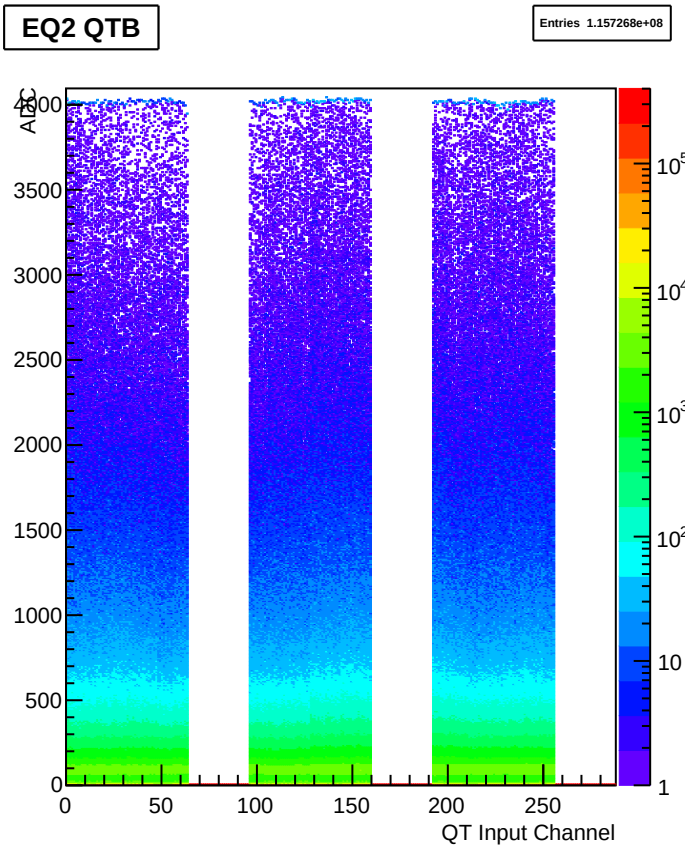

BBQ-VP002 West
Entries 6429264
TADC
QT Input Channel

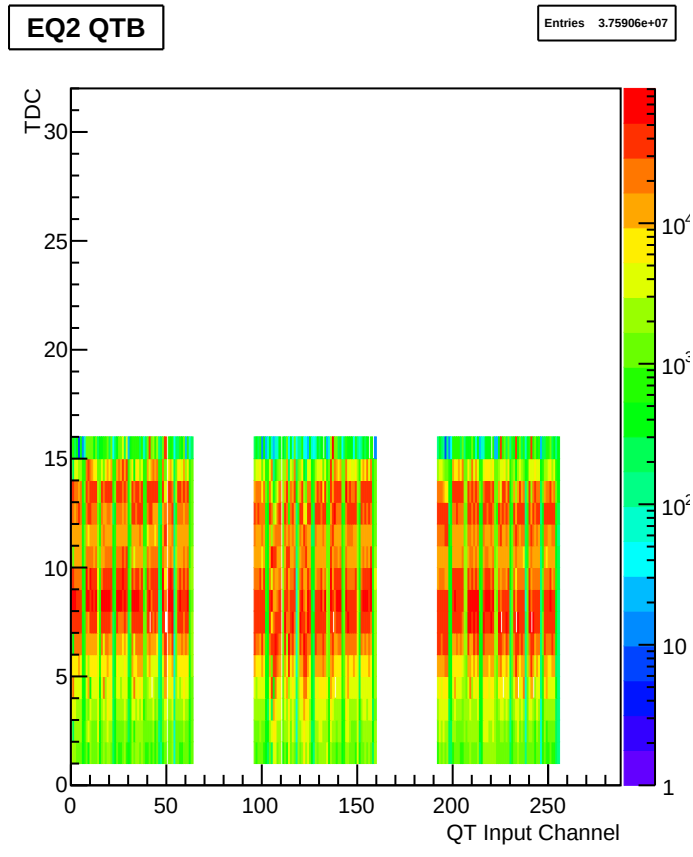

EQ1 QTB
Entries 1.157268e+08
ADC
QT Input Channel

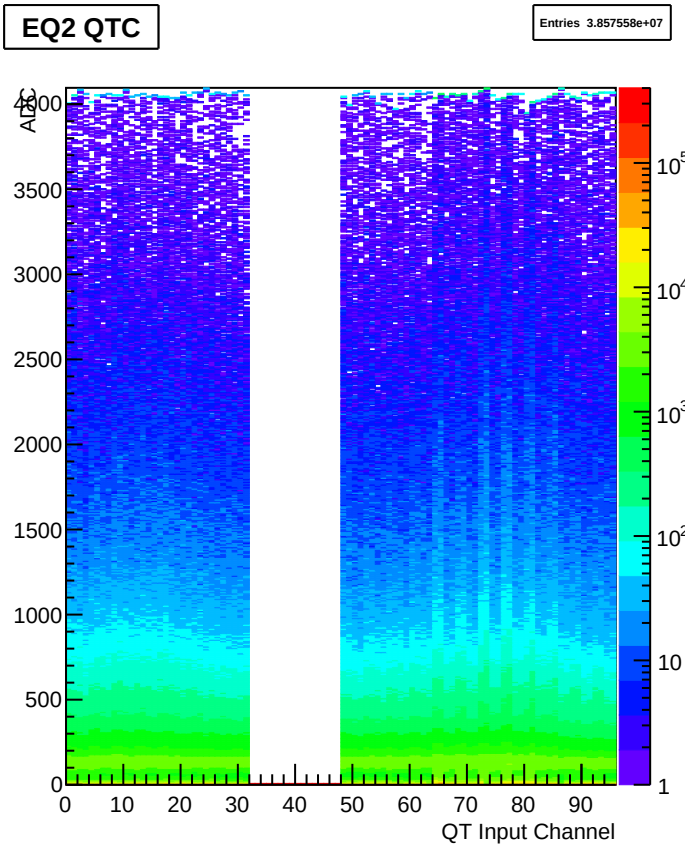

EQ1 QTB
Entries 3.887538e+07
TDC
QT Input Channel

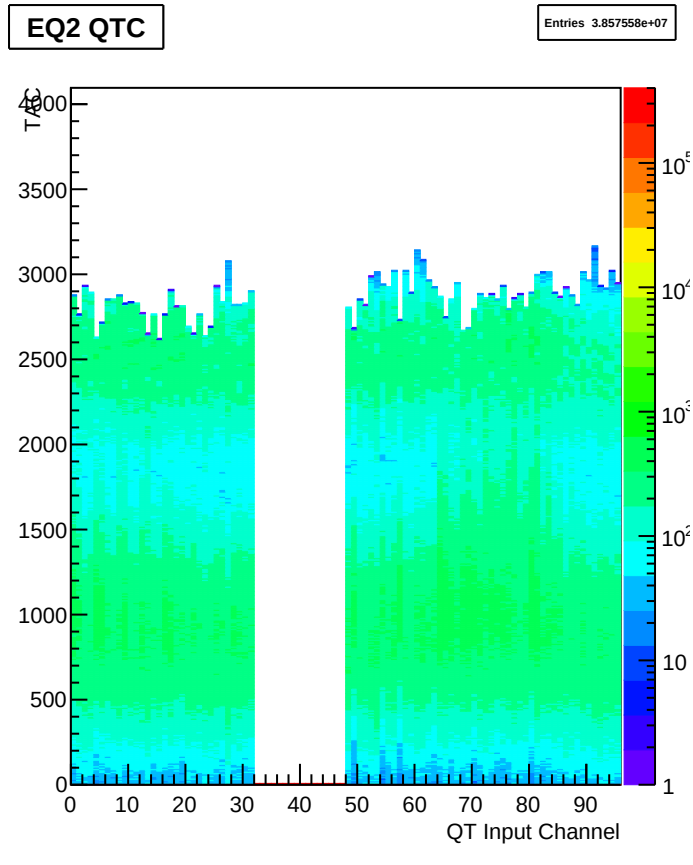

EQ1 QTC
Entries 3.857558e+07
ADC
QT Input Channel

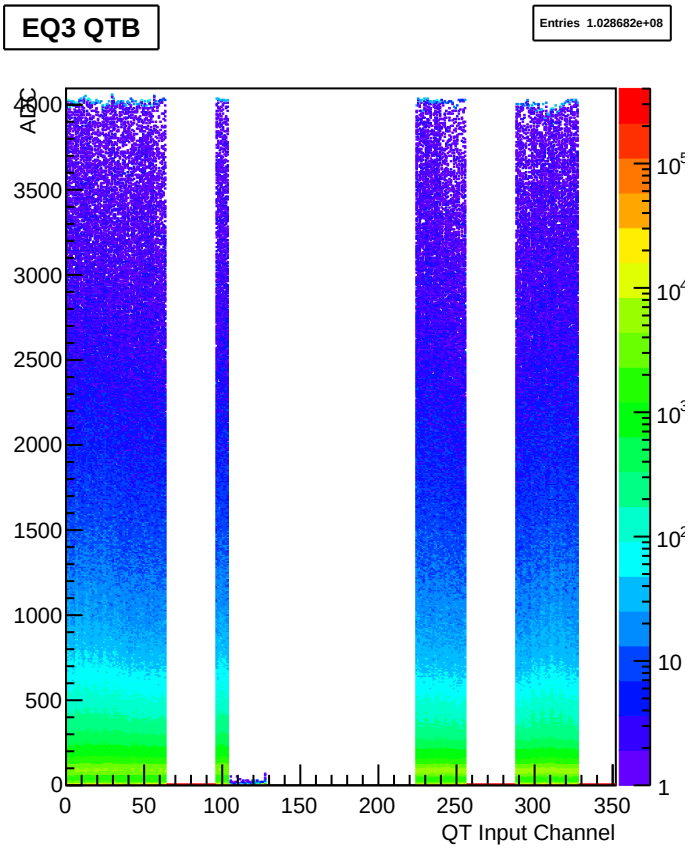

EQ1 QTC
Entries 3.857558e+07
TADC
QT Input Channel

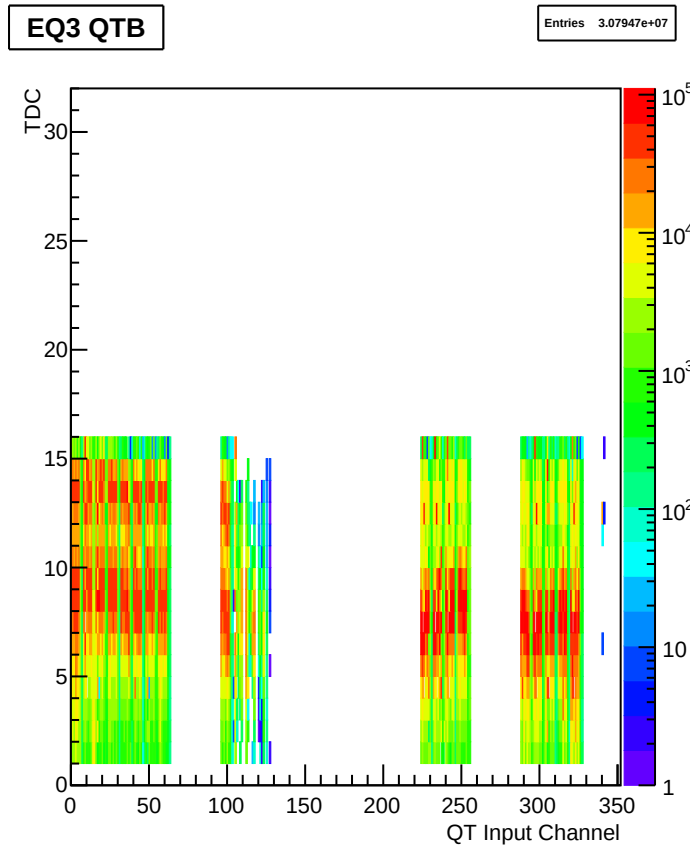

EQ2 QTB
Entries 1.157268e+08
ADC
QT Input Channel

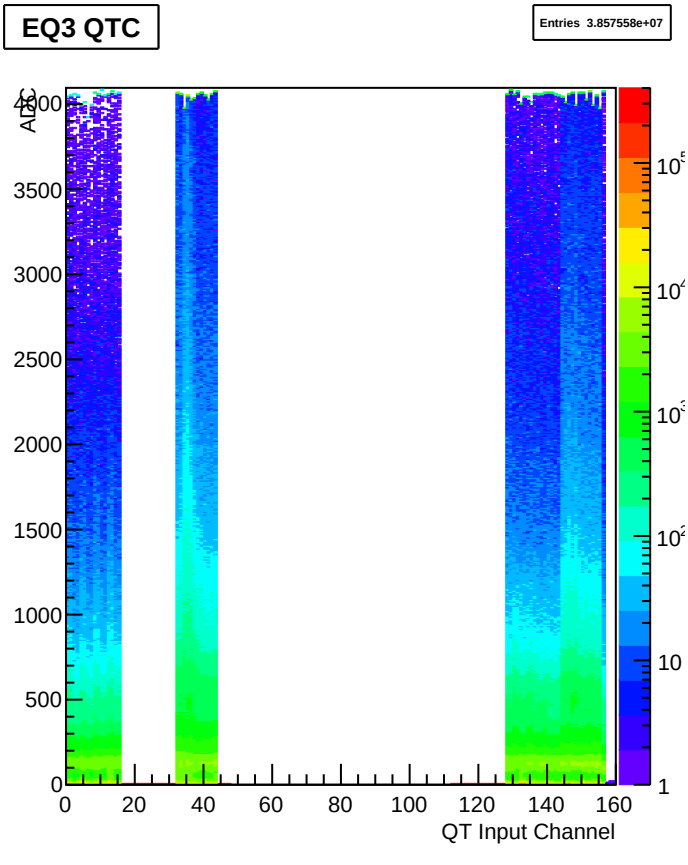

EQ2 QTB
Entries 3.75906e+07
TDC
QT Input Channel

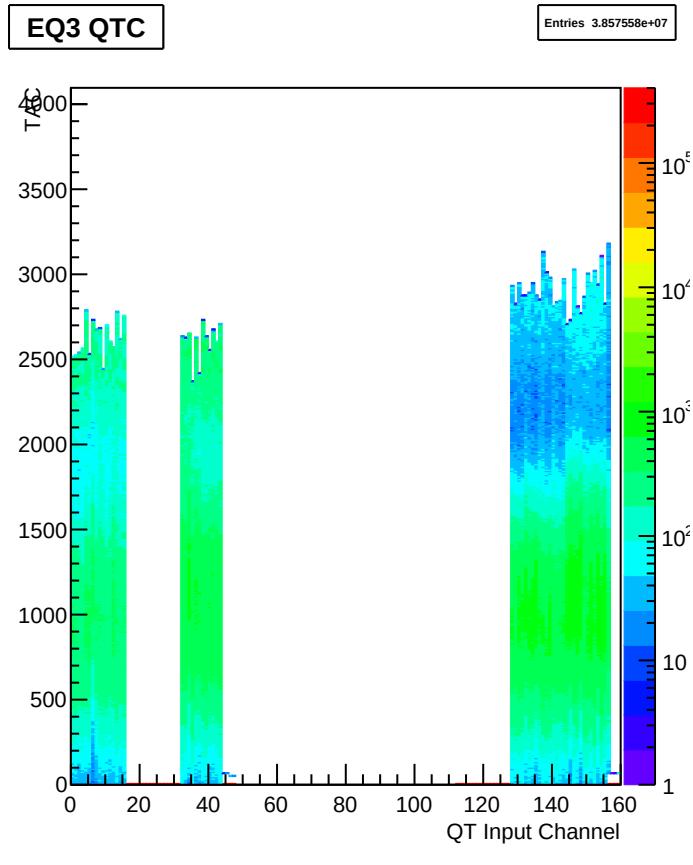

EQ2 QTC
Entries 3.857558e+07
ADC
QT Input Channel

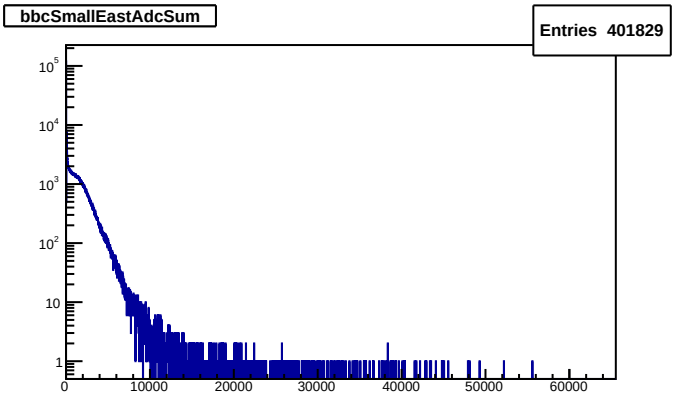

EQ2 QTC
Entries 3.857558e+07
TADC
QT Input Channel

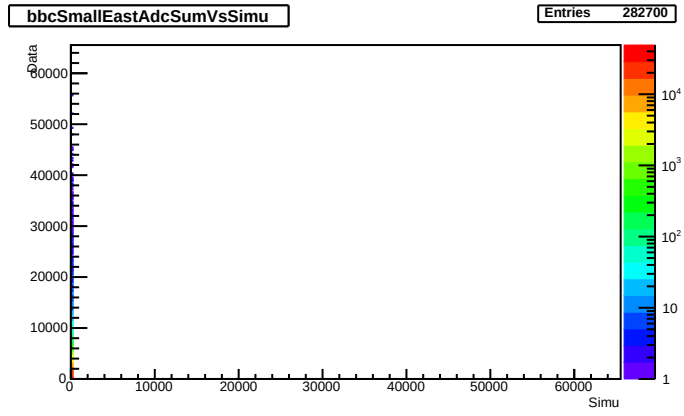

EQ3 QTB
Entries 1.028682e+08
ADC
QT Input Channel

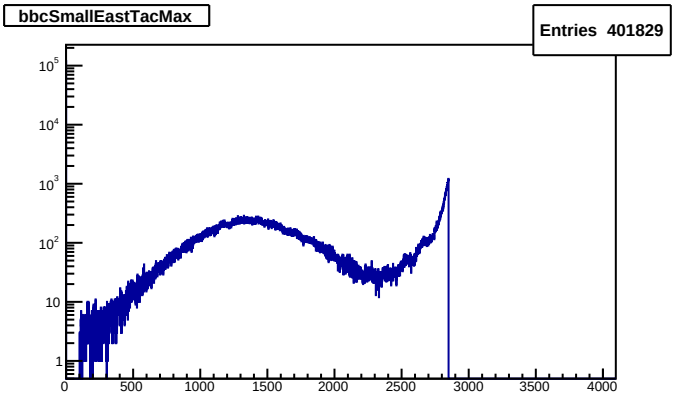

EQ3 QTB
Entries 3.07947e+07
TDC
QT Input Channel

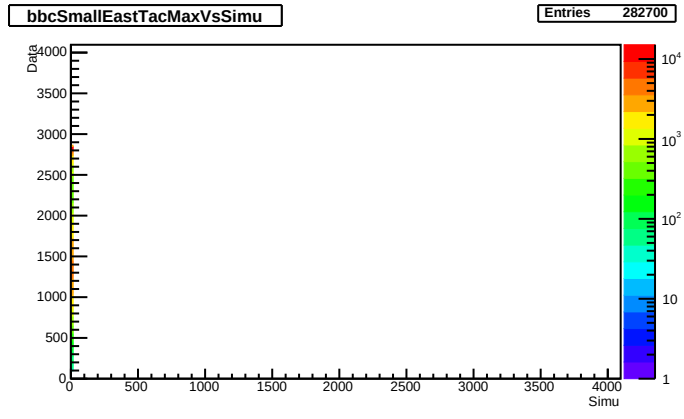

EQ3 QTC
Entries 3.857558e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.857558e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 401829


bbcSmallEastAdcSumVsSimu
Entries 282700
Data
Simu


bbcSmallEastTacMax
Entries 401829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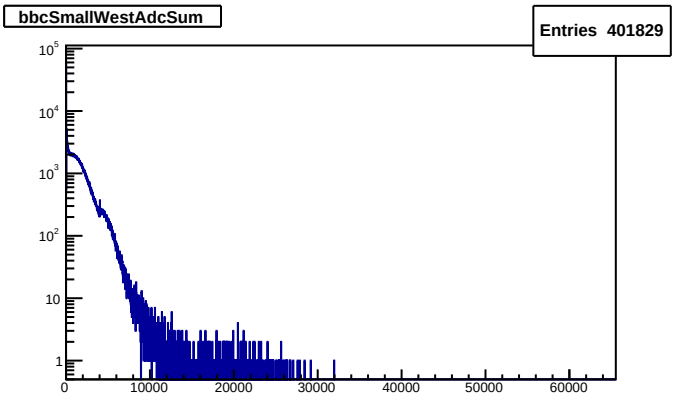
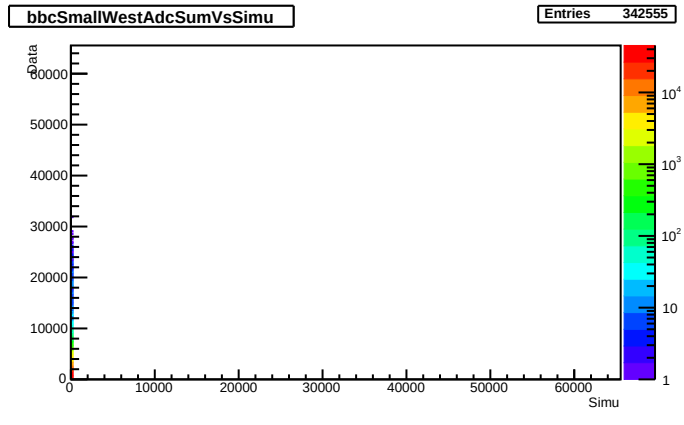
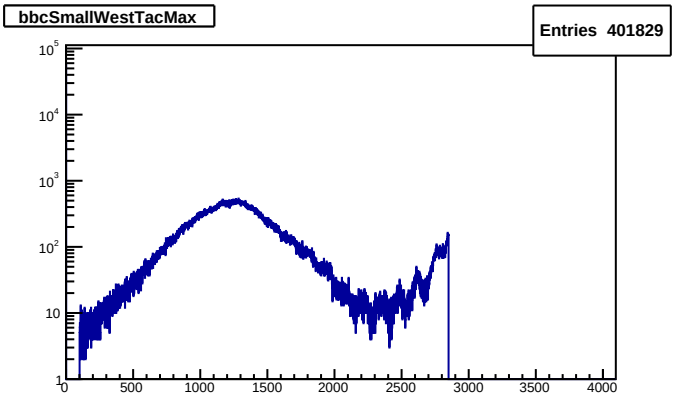
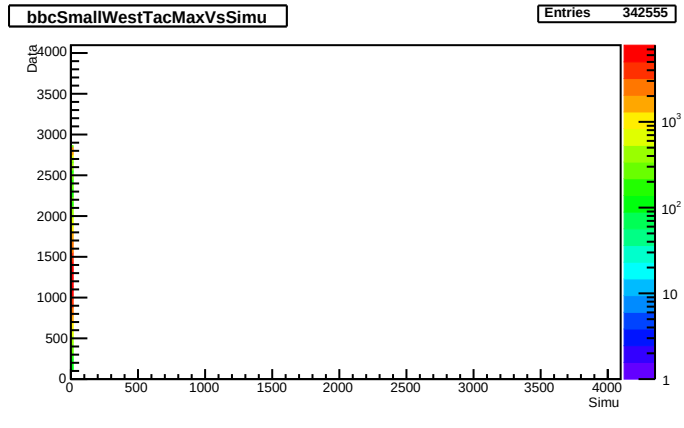
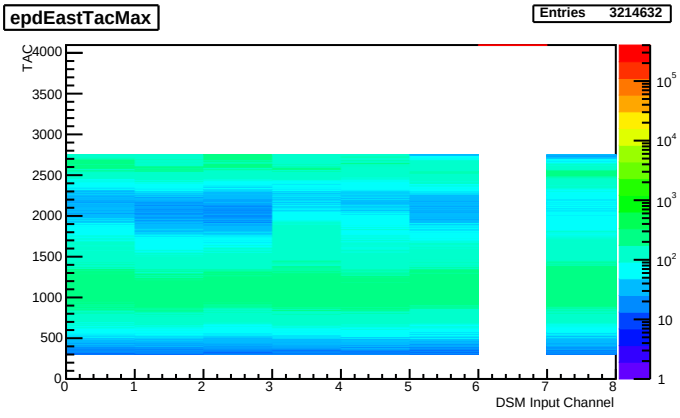
Entries 282700
Data
Simu

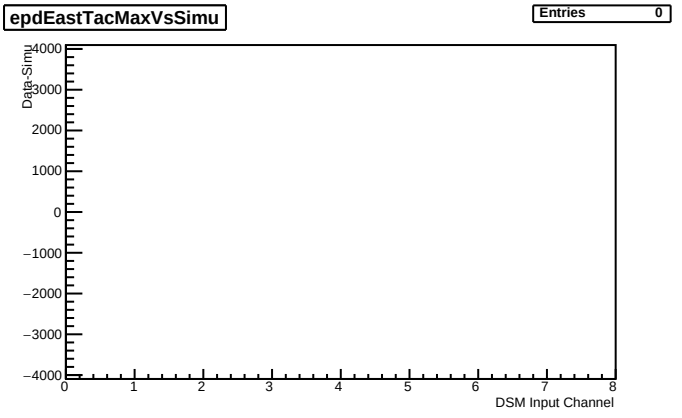

bbcSmallWestAdcSum
Entries 401829

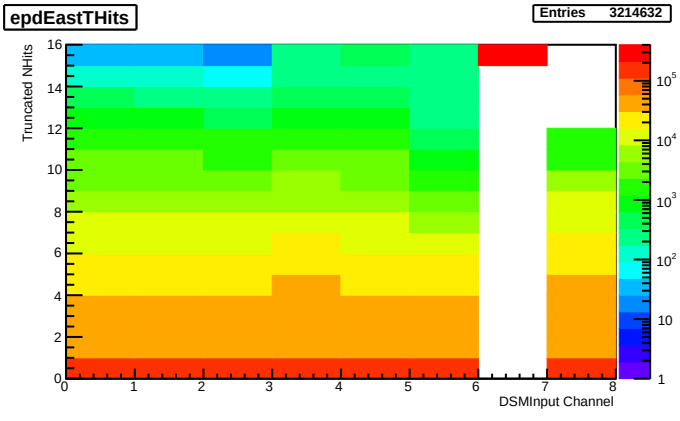

bbcSmallWestAdcSumVsSimu
Entries 342555
Data
Simu

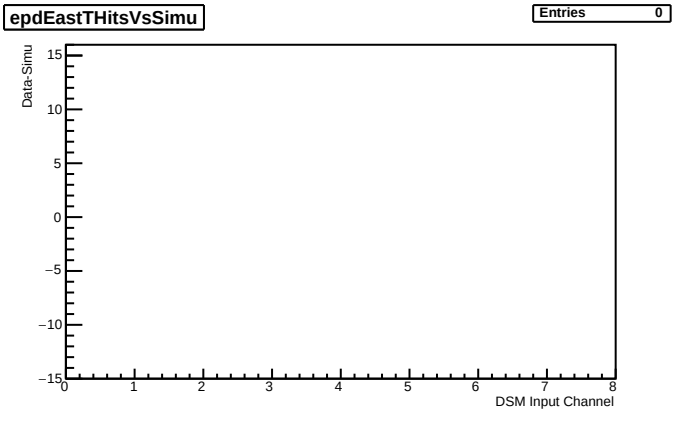

bbcSmallWestTacMax
Entries 401829


bbcSmallWestTacMaxVsSimu
Entries 342555
Data
Simu


epdEastTacMax
Entries 3214632
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3214632
Truncated NHits
DSMInput Channel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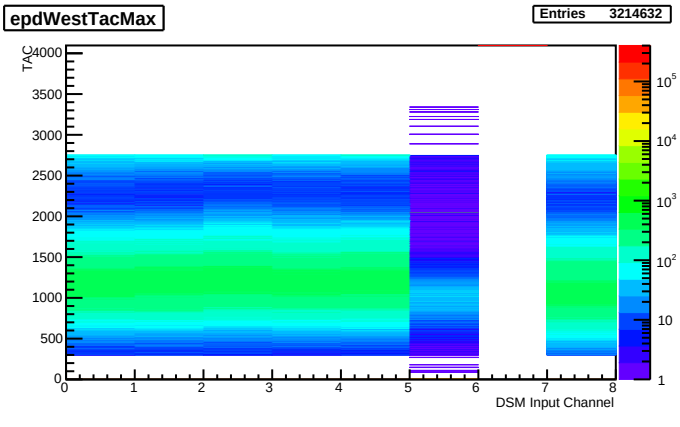
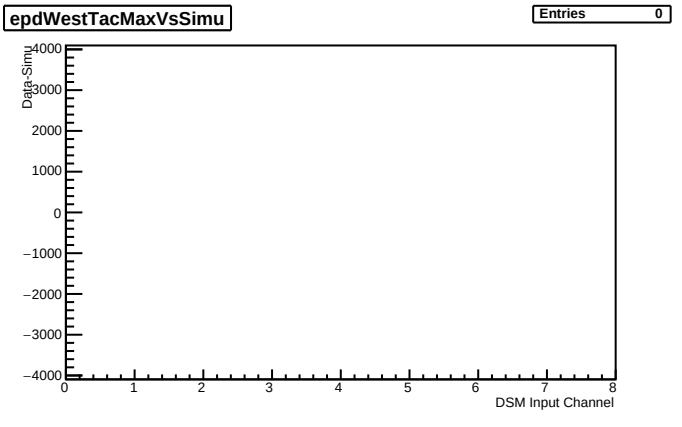
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3214632
TAC
DSM Input Channel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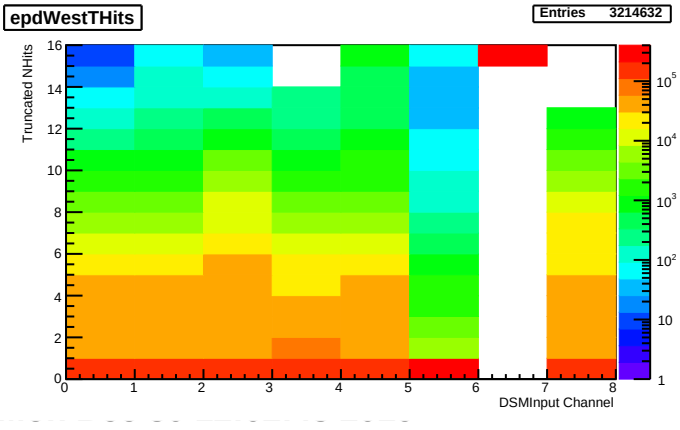
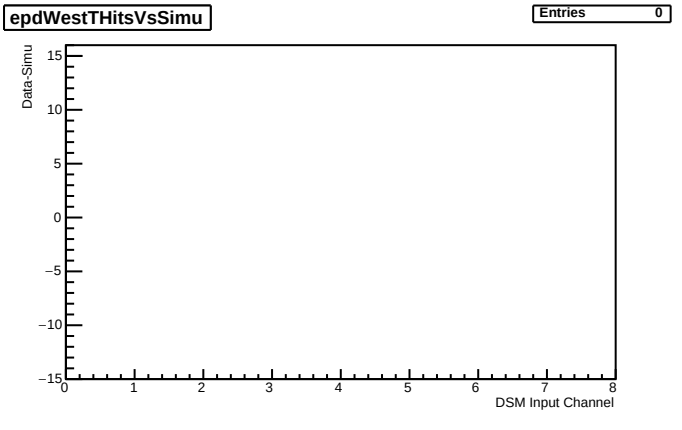
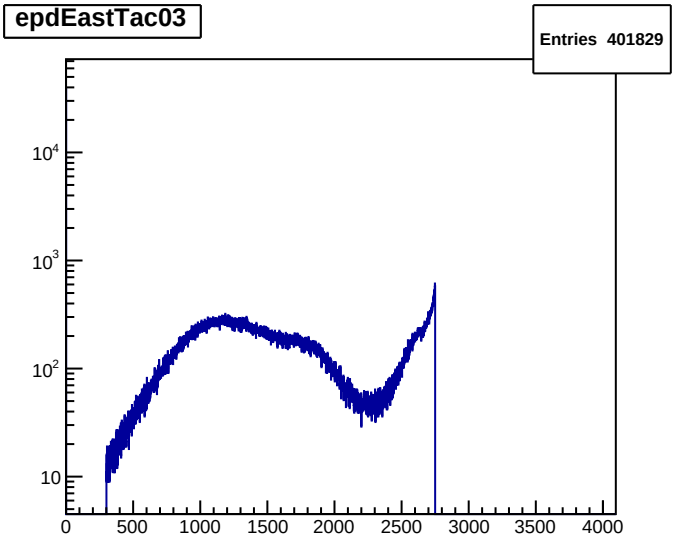
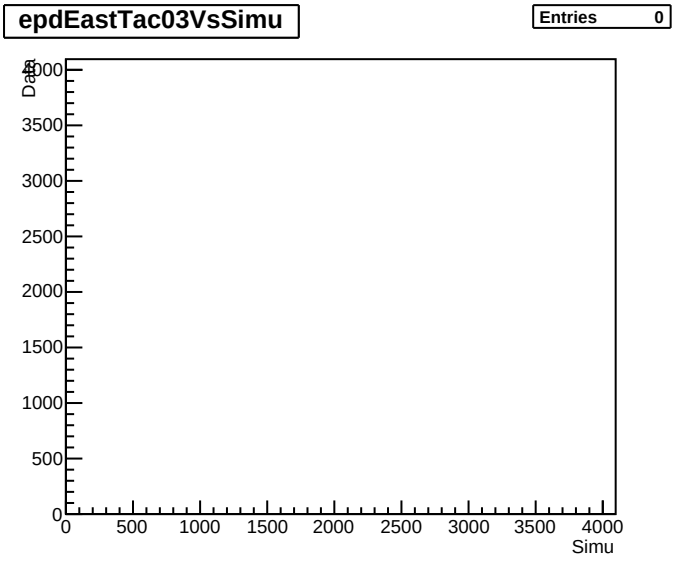
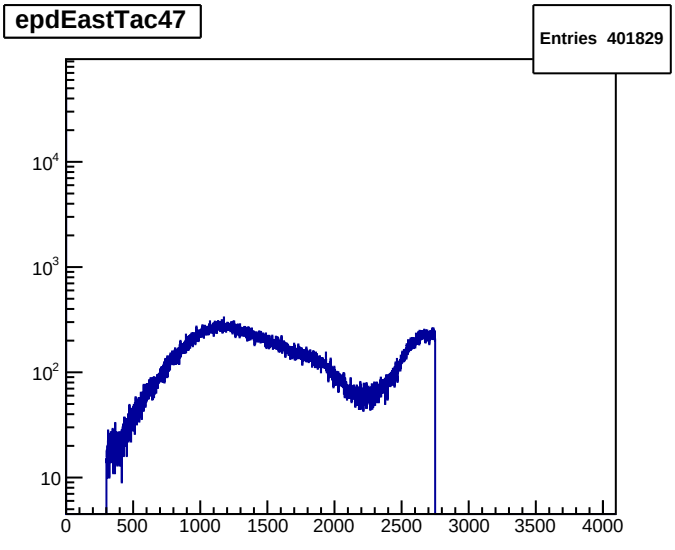
Data-Simu
DSM Input Channel

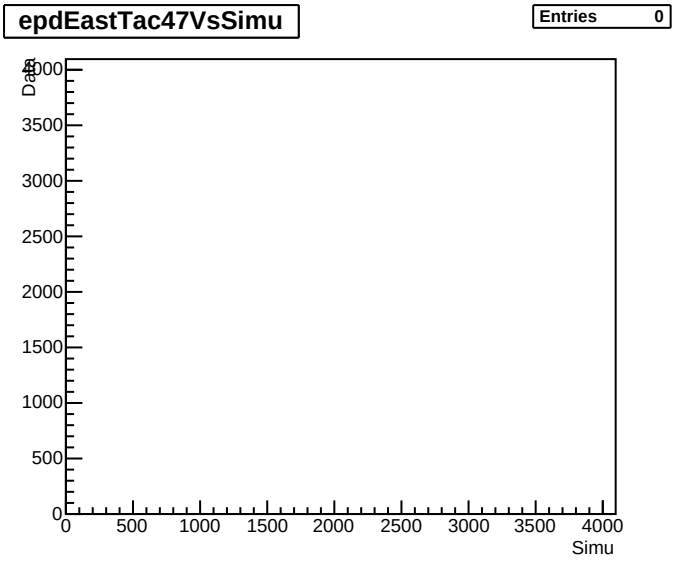

epdWestTHits
Entries 3214632
Truncated NHits
DSMInput Channel

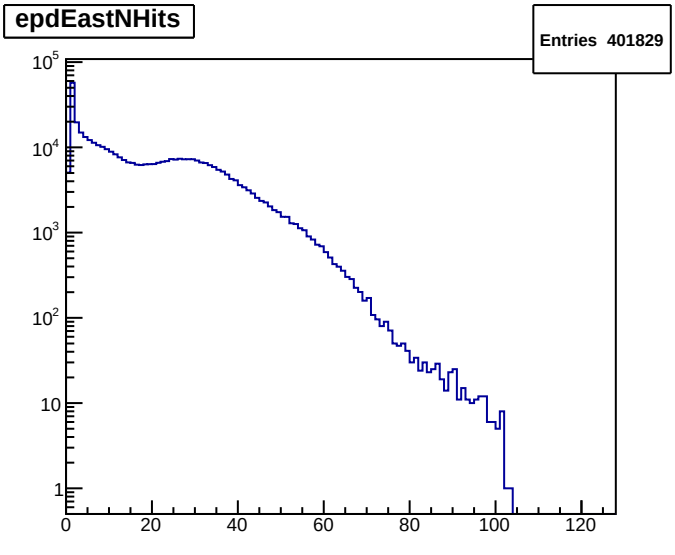

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

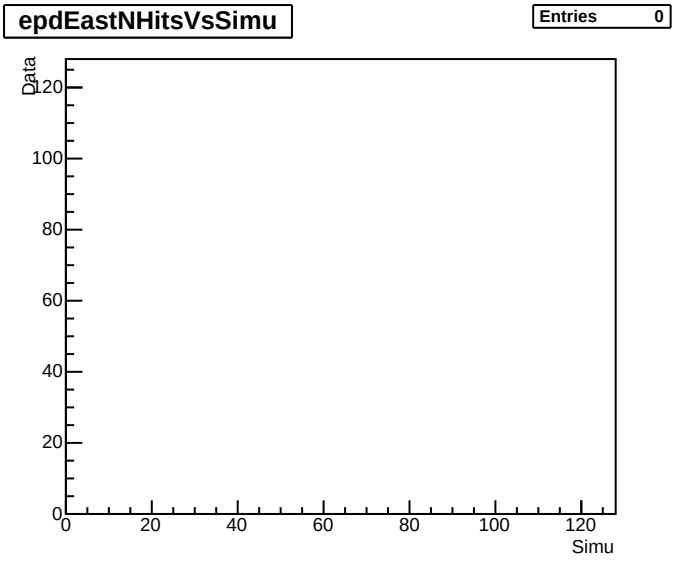

epdEastTac03
Entries 401829


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 401829


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 401829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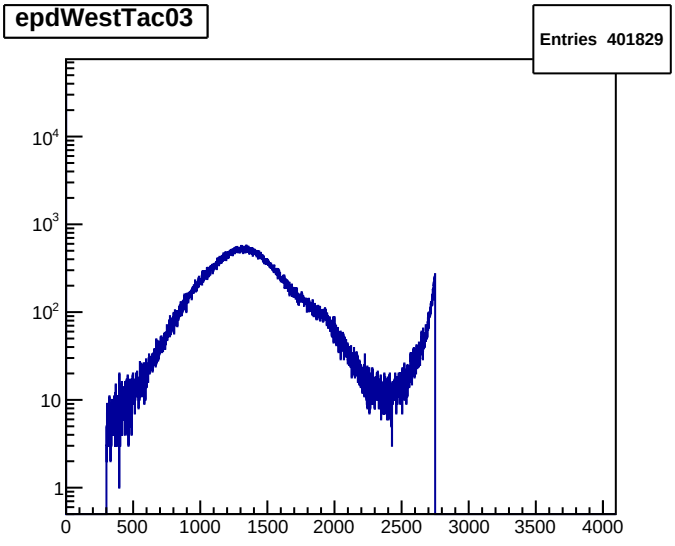
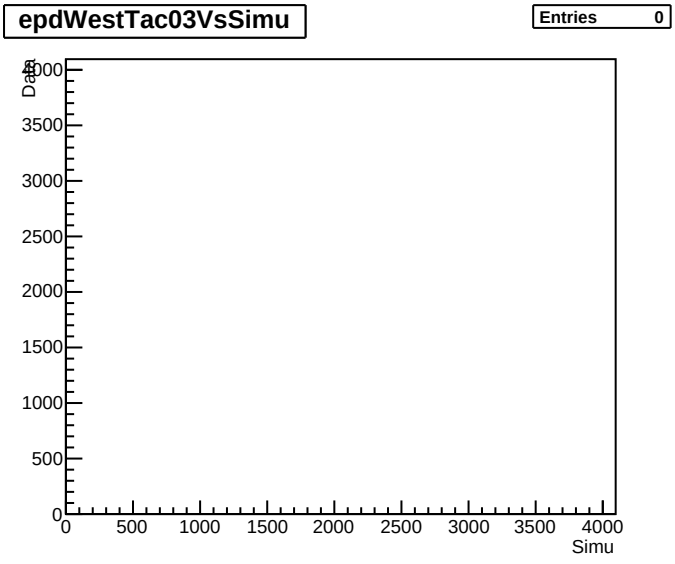
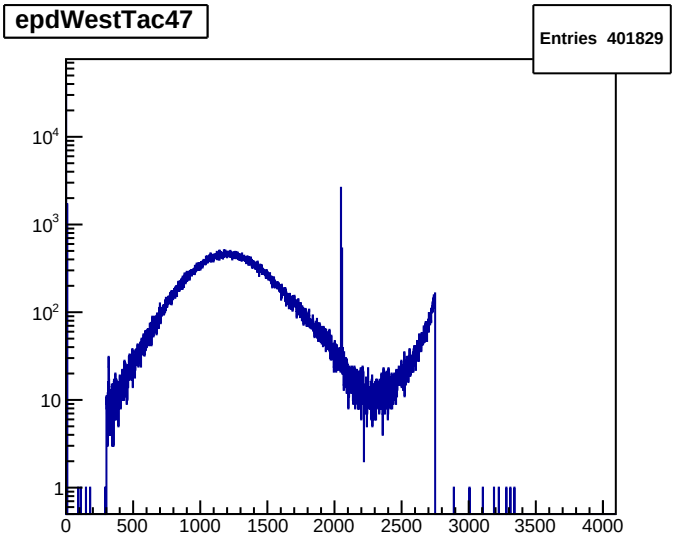
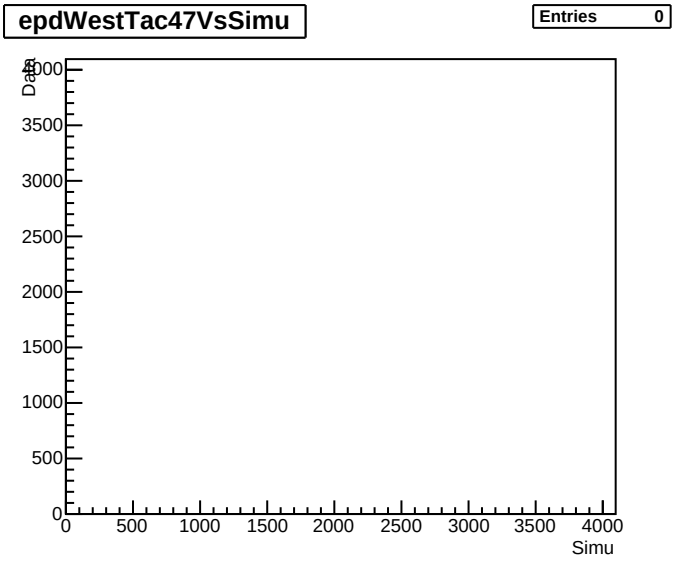
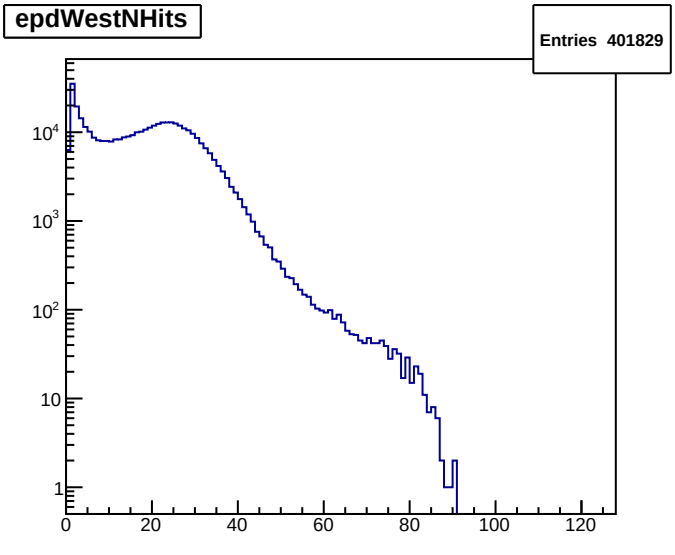
Entries 0
Data
Simu

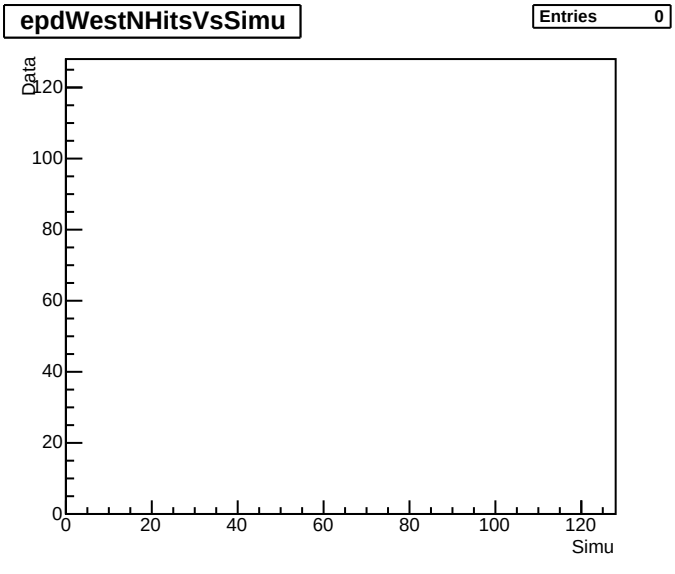

epdWestTac03
Entries 401829

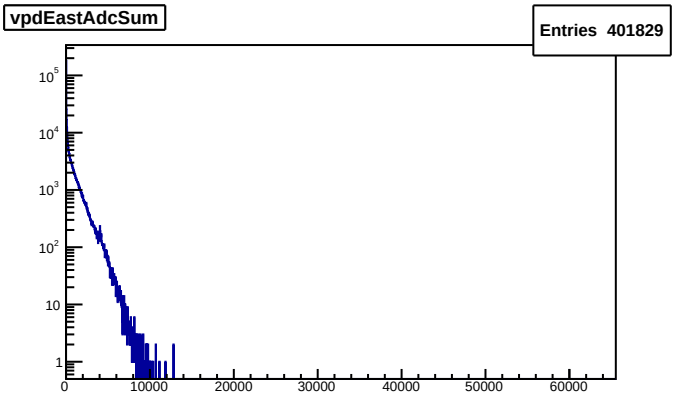

epdWestTac03VsSimu
Entries 0
Data
Simu

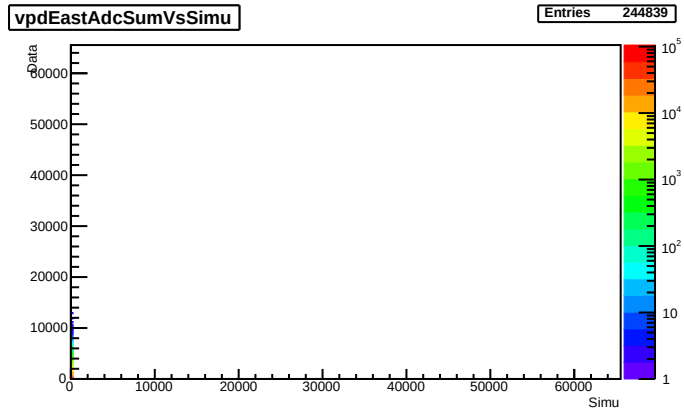

epdWestTac47
Entries 401829

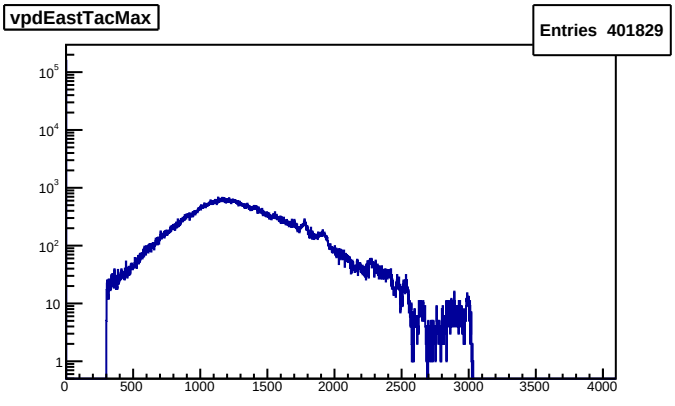

epdWestTac47VsSimu
Entries 0
Data
Simu

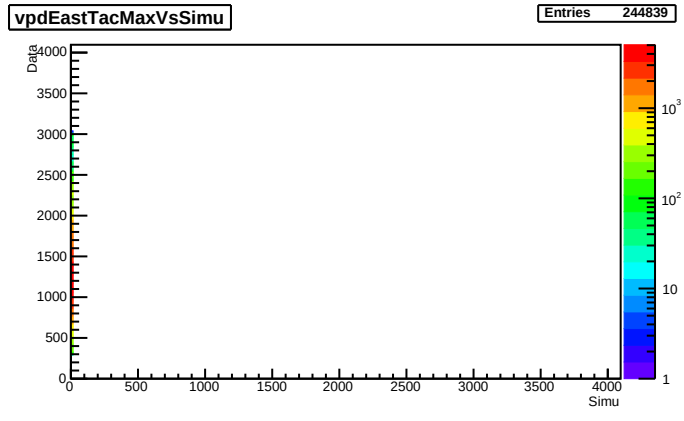

epdWestNHits
Entries 401829

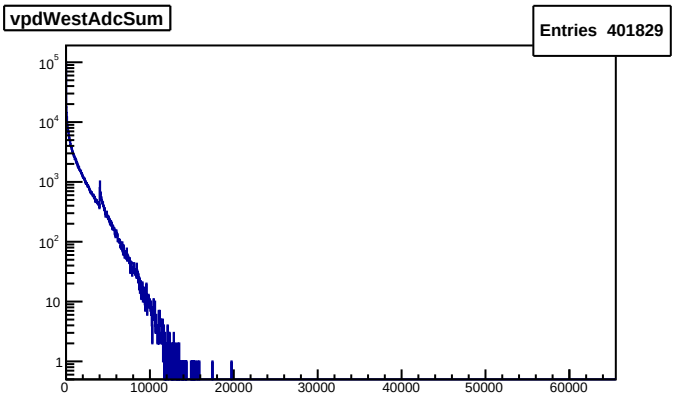

epdWestNHitsVsSimu
Entries 0
Data
Simu

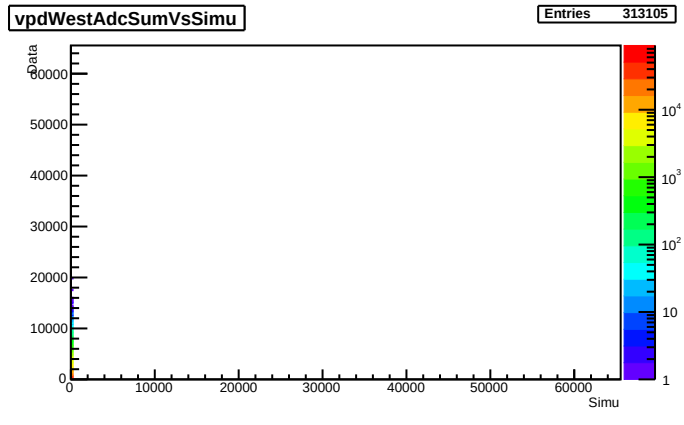

vpdEastAdcSum
Entries 401829

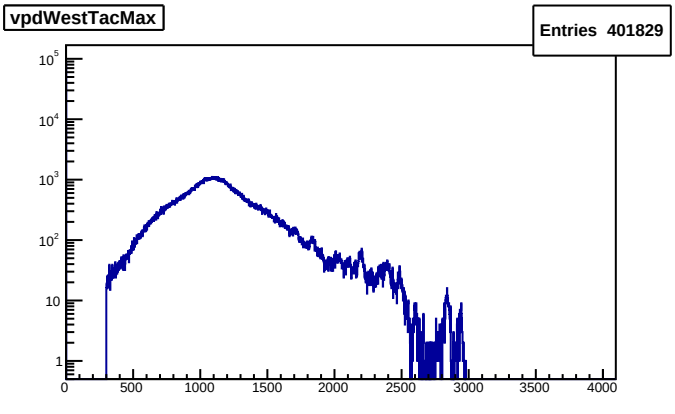

vpdEastAdcSumVsSimu
Entries 244839
Data
Simu

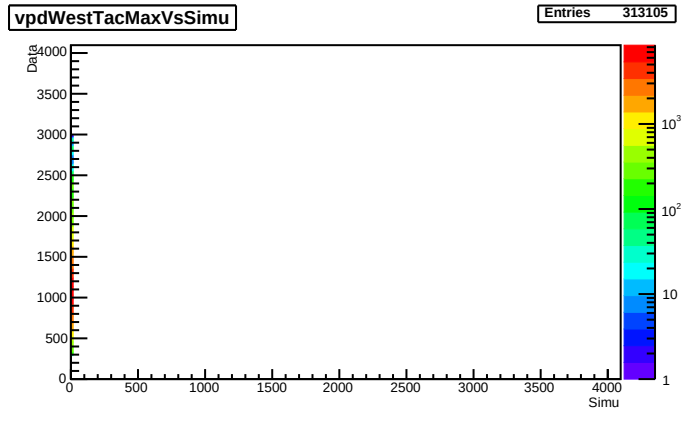

vpdEastTacMax
Entries 401829

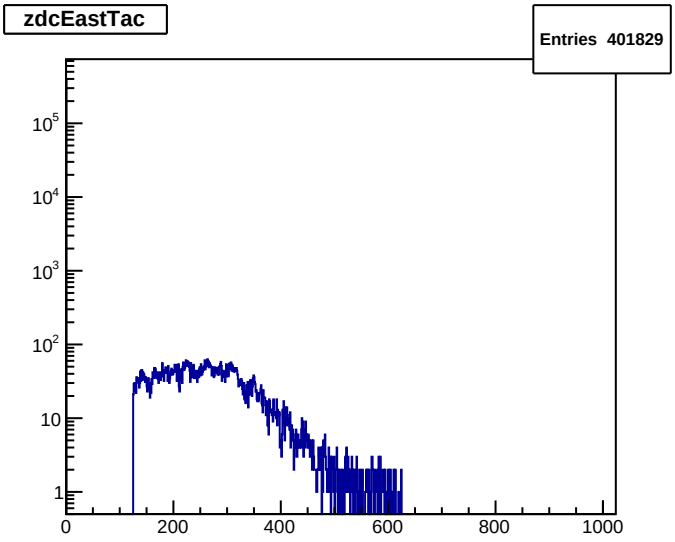

vpdEastTacMaxVsSimu
Entries 244839
Data
Simu

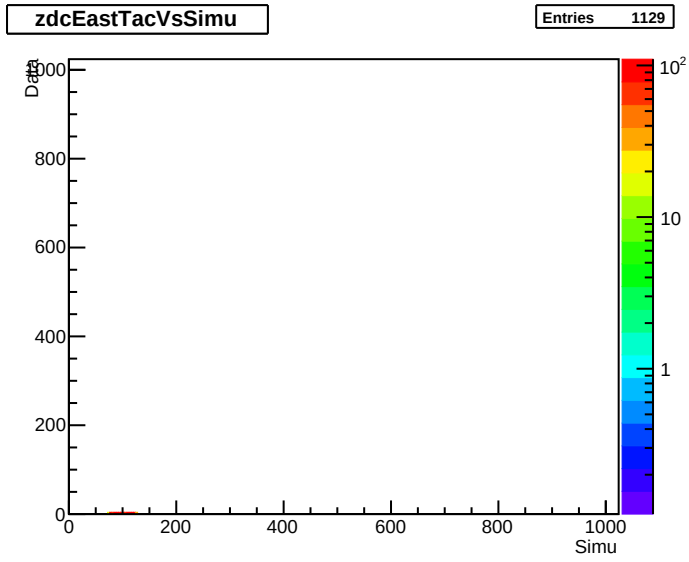

vpdWestAdcSum
Entries 401829

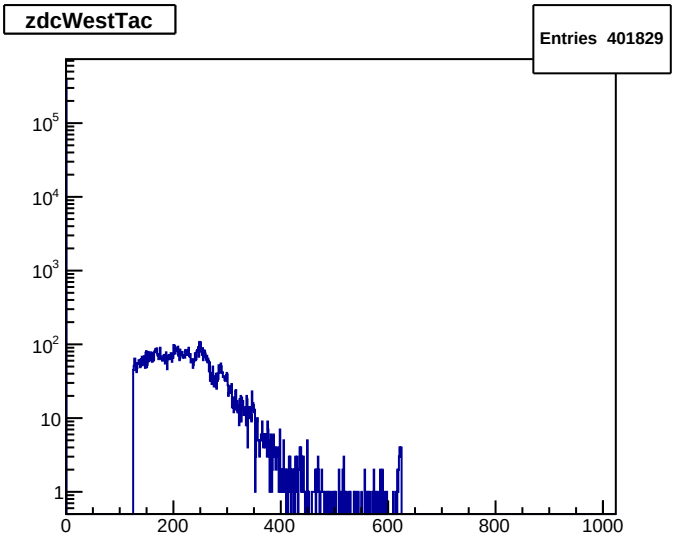

vpdWestAdcSumVsSimu
Entries 313105
Data
Simu

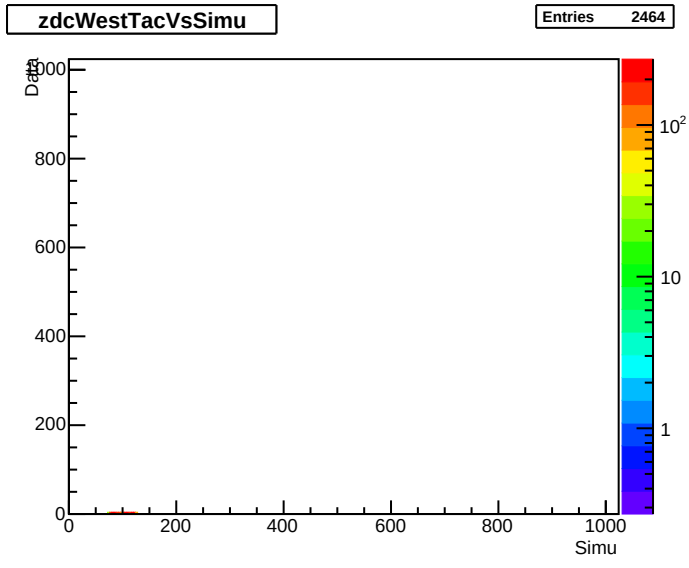

vpdWestTacMax
Entries 401829

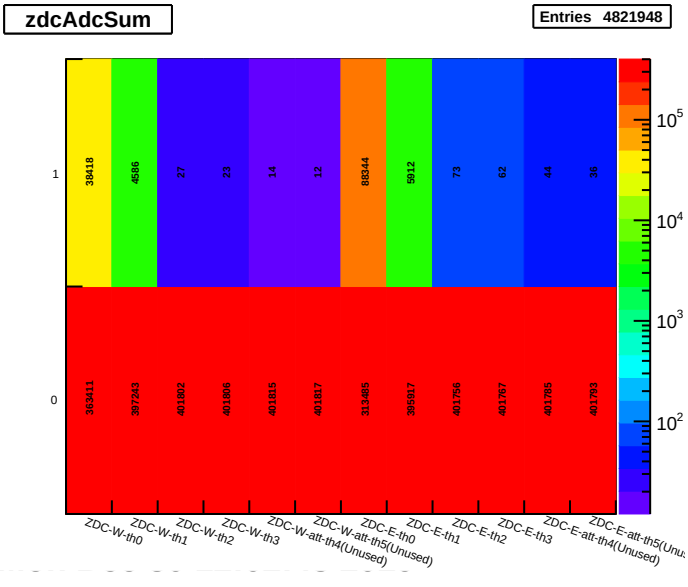

vpdWestTacMaxVsSimu
Entries 313105
Data
Simu

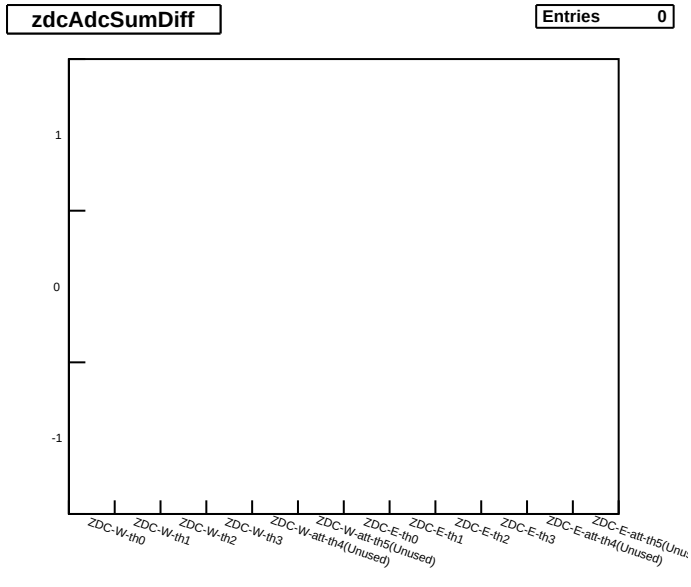

zdcEastTac
Entries 401829

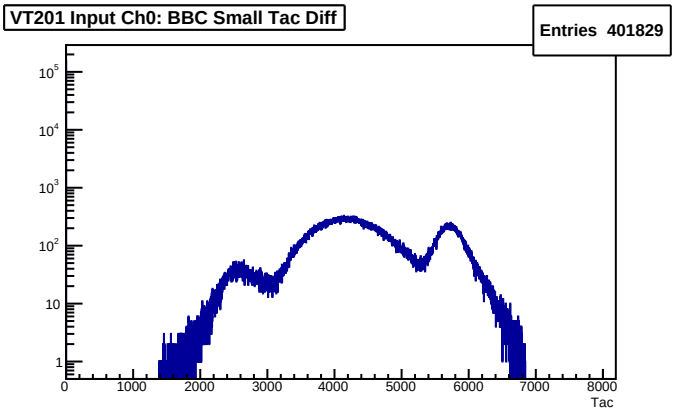

zdcEastTacVsSimu
Entries 1129
Data
Simu

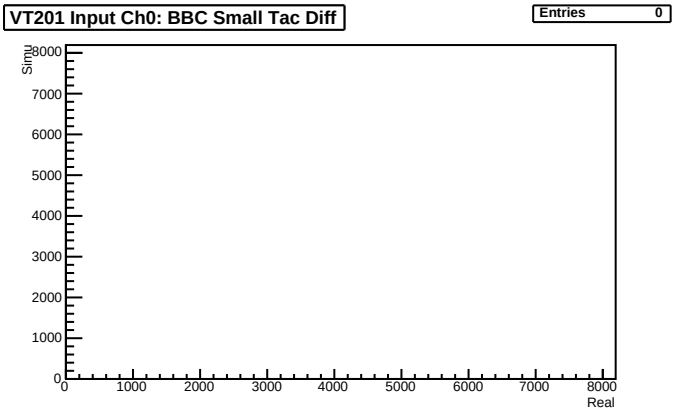

zdcWestTac
Entries 401829

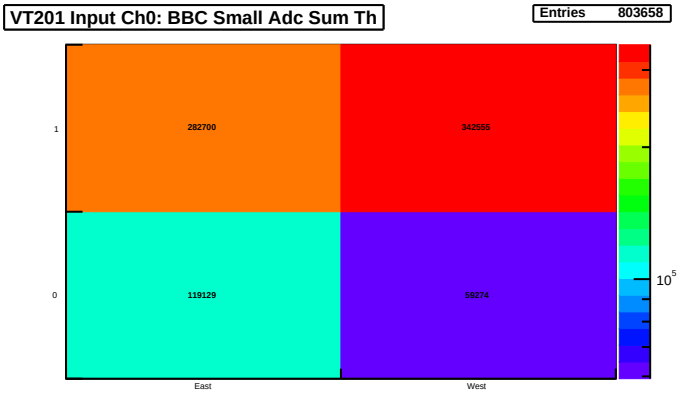

zdcWestTacVsSimu
Entries 2464
Data
Simu

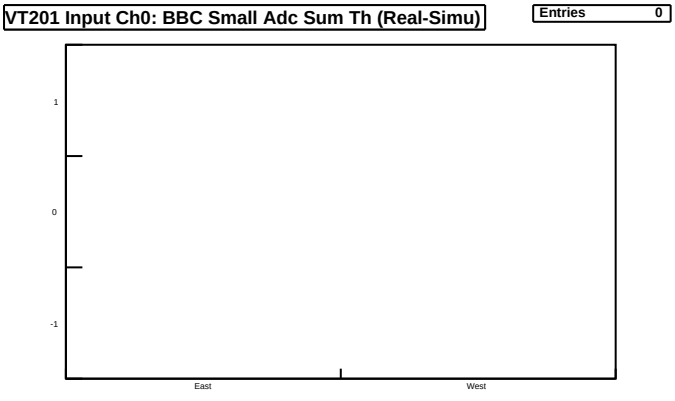

zdcAdcSum
Entries 4821948
38418
4586
27
23
14
12
88344
5912
73
62
44
36
363411
397243
401802
401806
401815
401817
313485
395917
401756
401767
401785
401793
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

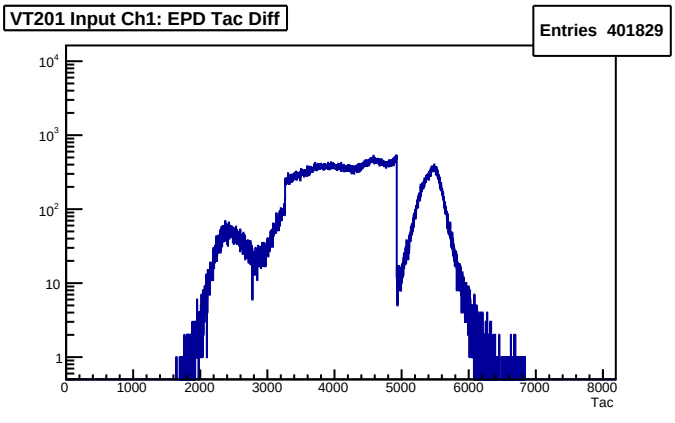

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

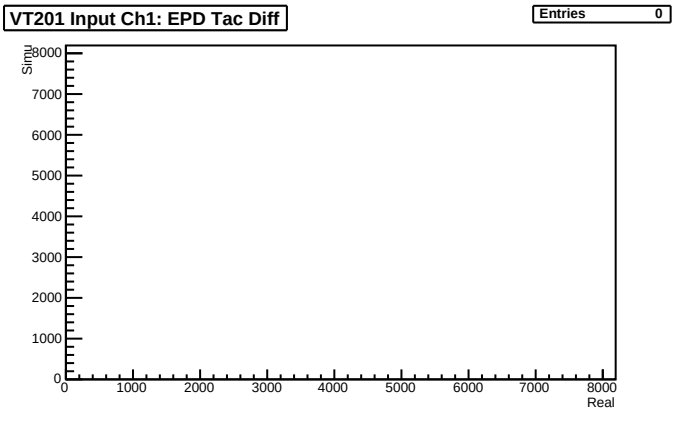

VT201 Input Ch0: BBC Small Tac Diff
Entries 401829
Tac

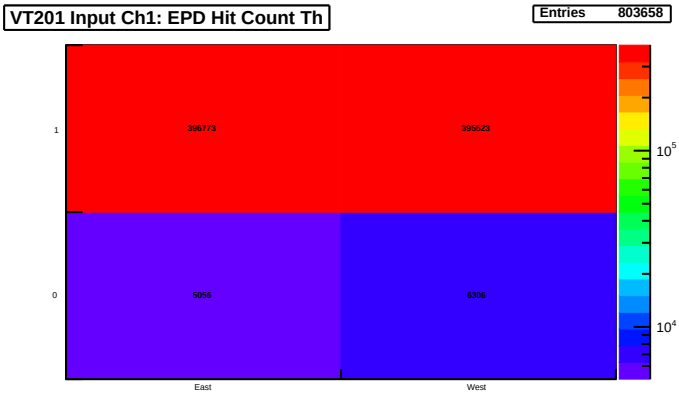

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

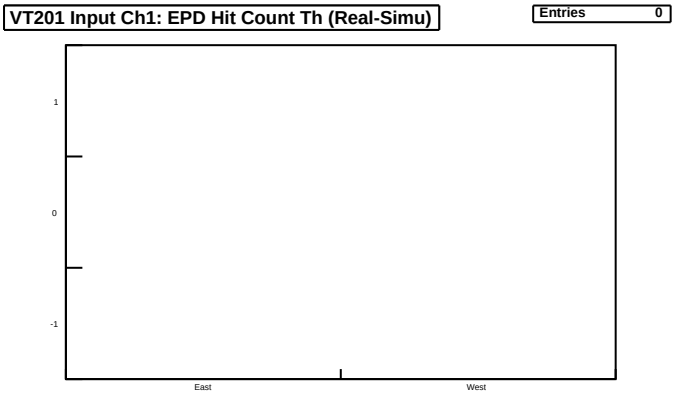

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 803658
282700
342555
119129
59274
East
West

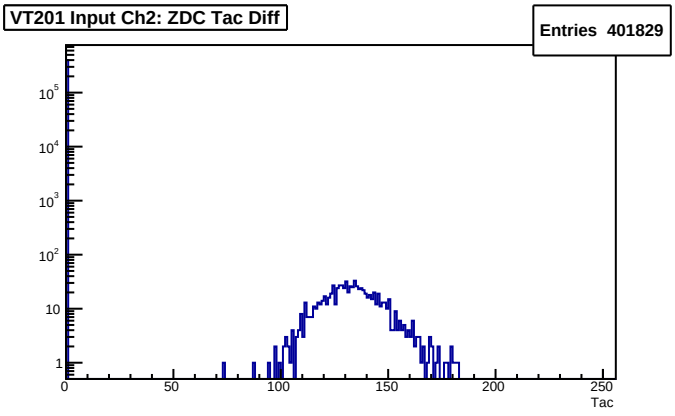

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

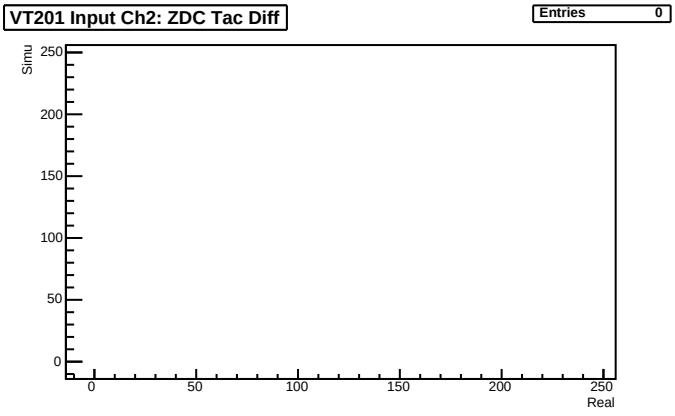

VT201 Input Ch1: EPD Tac Diff
Entries 401829
Tac

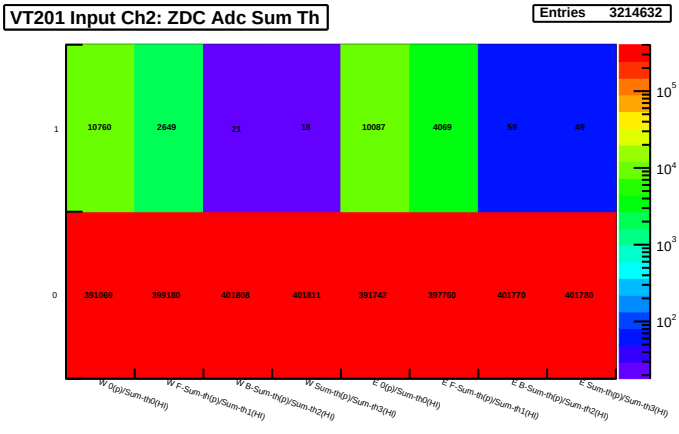

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

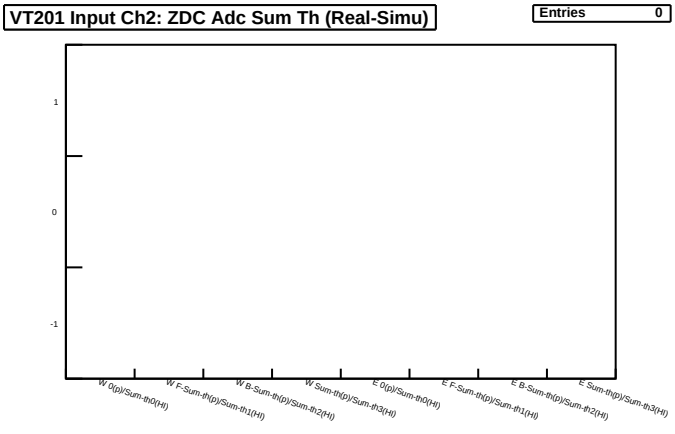

VT201 Input Ch1: EPD Hit Count Th
Entries 803658
396773
395523
5056
6306
East
West

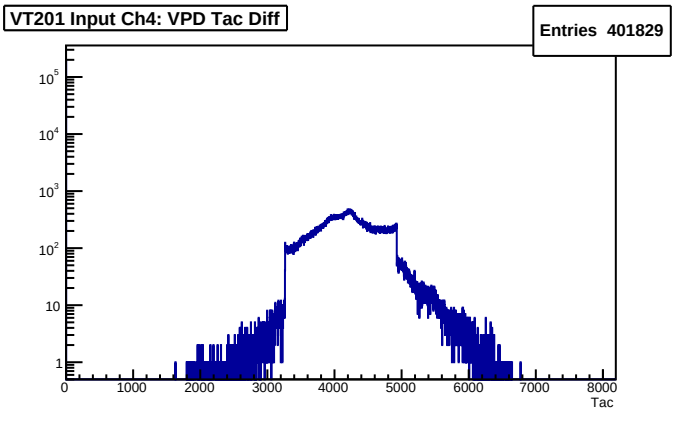

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

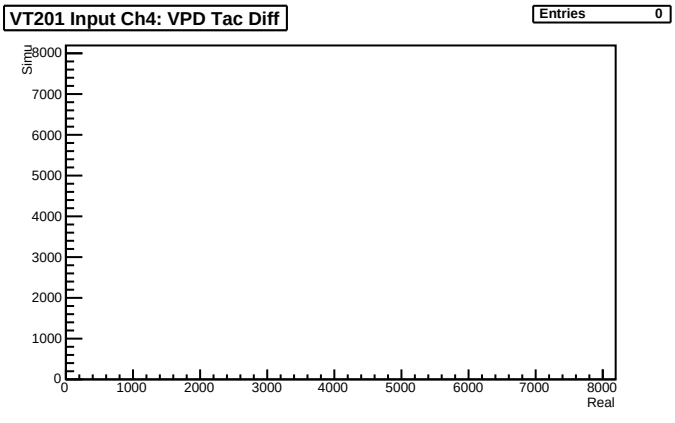

VT201 Input Ch2: ZDC Tac Diff
Entries 401829
Tac

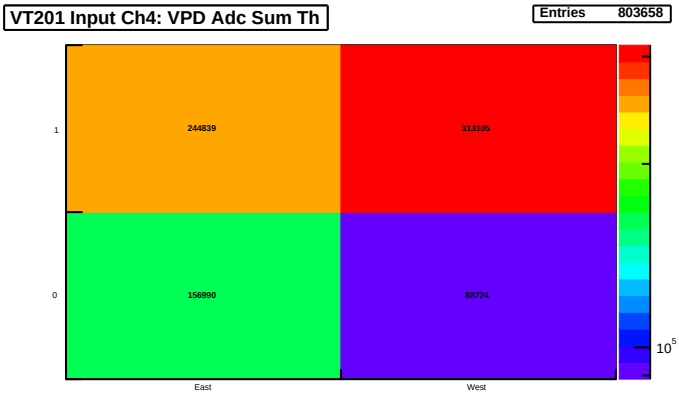

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

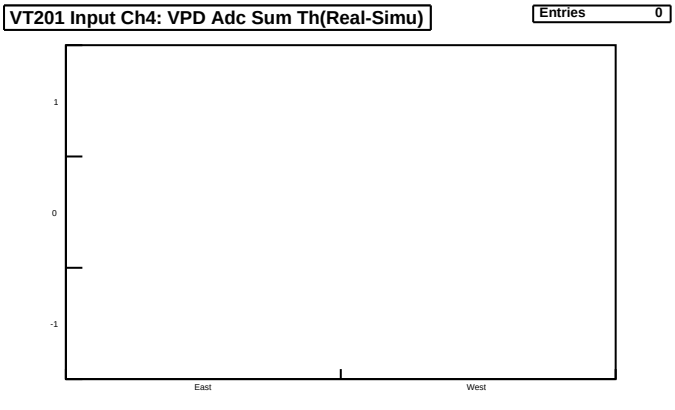

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3214632
10760
2649
21
18
10087
4069
59
49
391069
399180
401808
401811
391742
397760
401770
401780
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

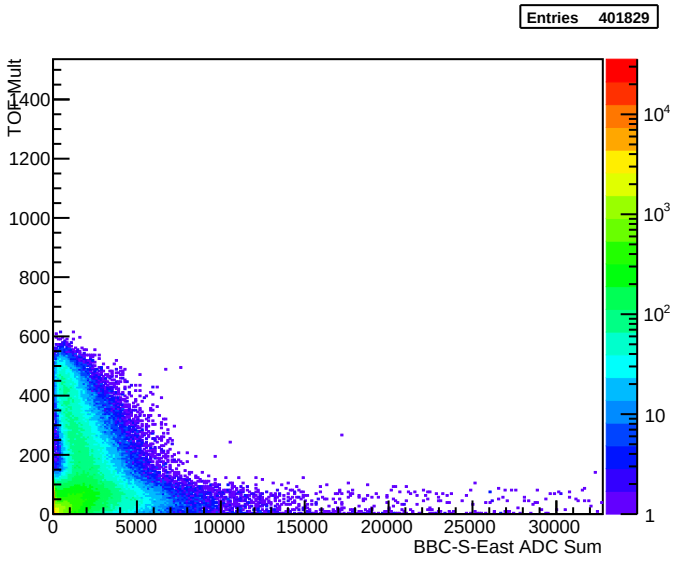

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

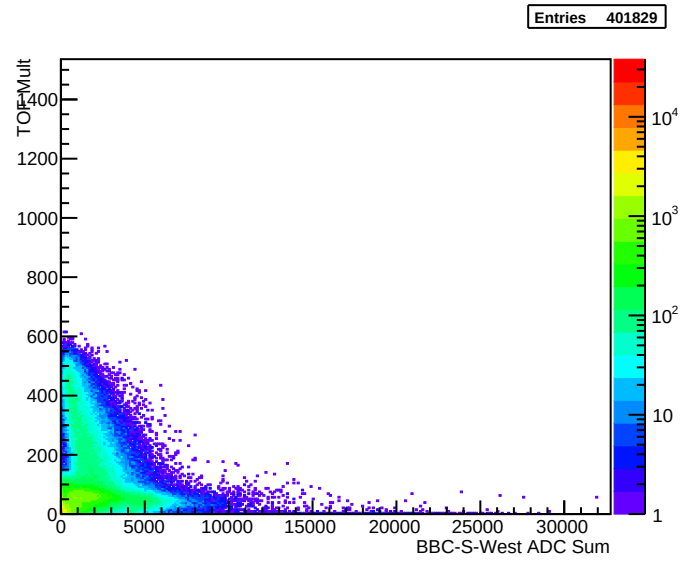

VT201 Input Ch4: VPD Tac Diff
Entries 401829
Tac

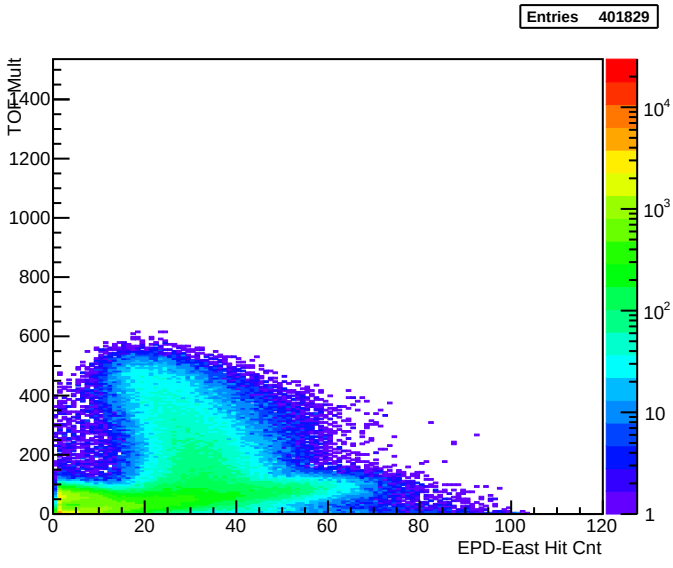

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

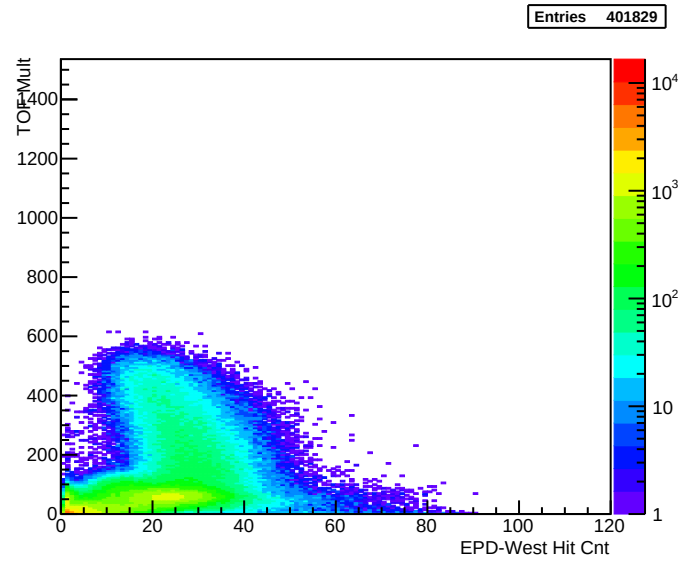

VT201 Input Ch4: VPD Adc Sum Th
Entries 803658
244839
313105
156990
88724
East
West

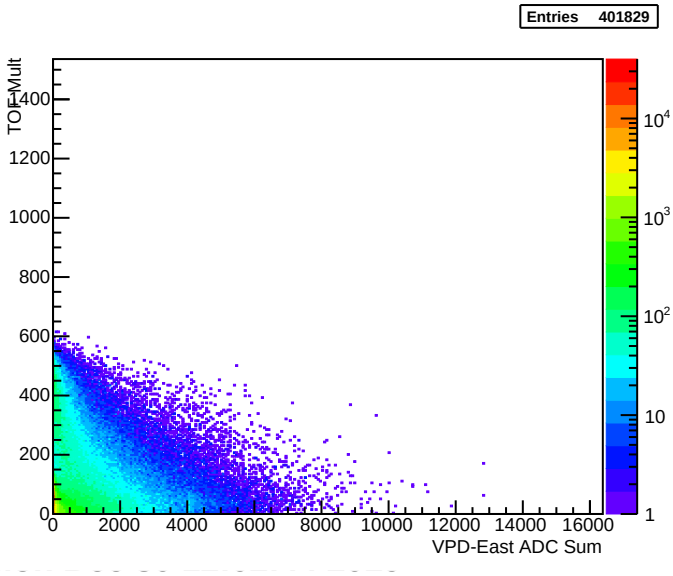

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

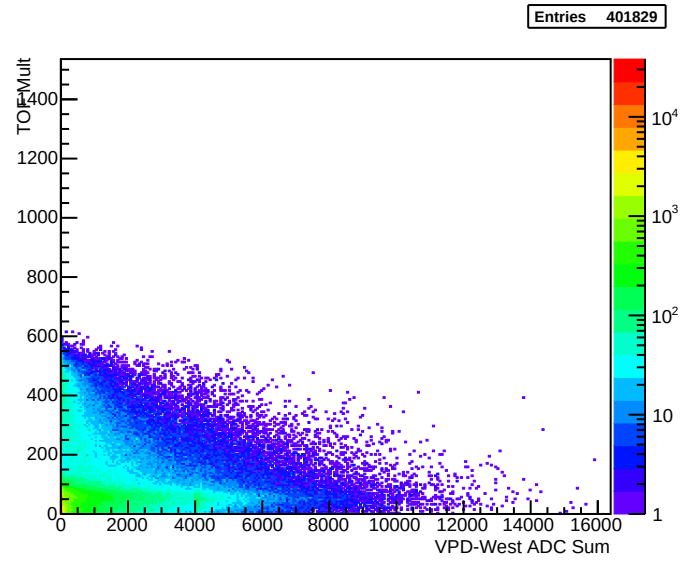

Entries 401829
TOF-Mult
BBC-S-East ADC Sum

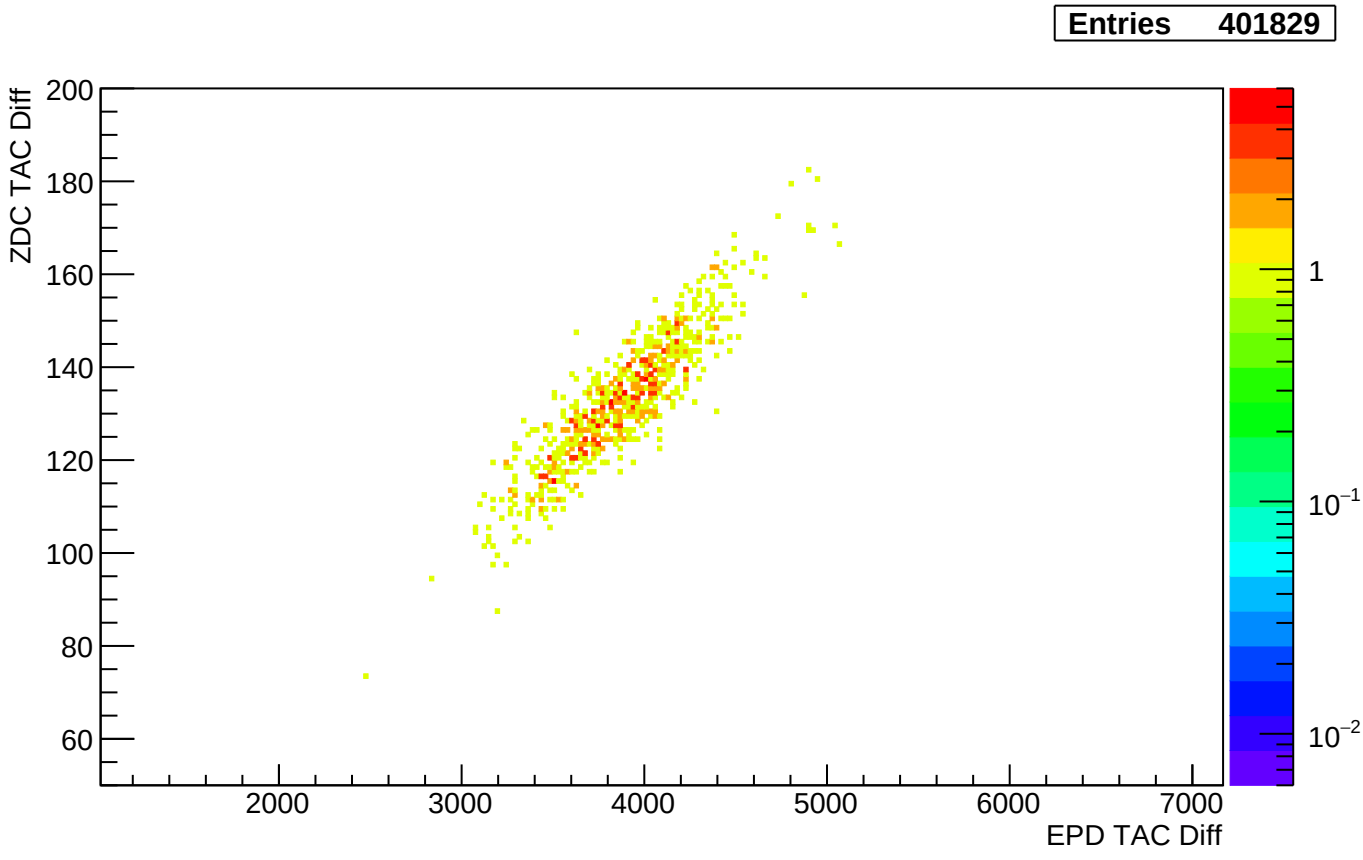

Entries 401829
TOF-Mult
BBC-S-West ADC Sum

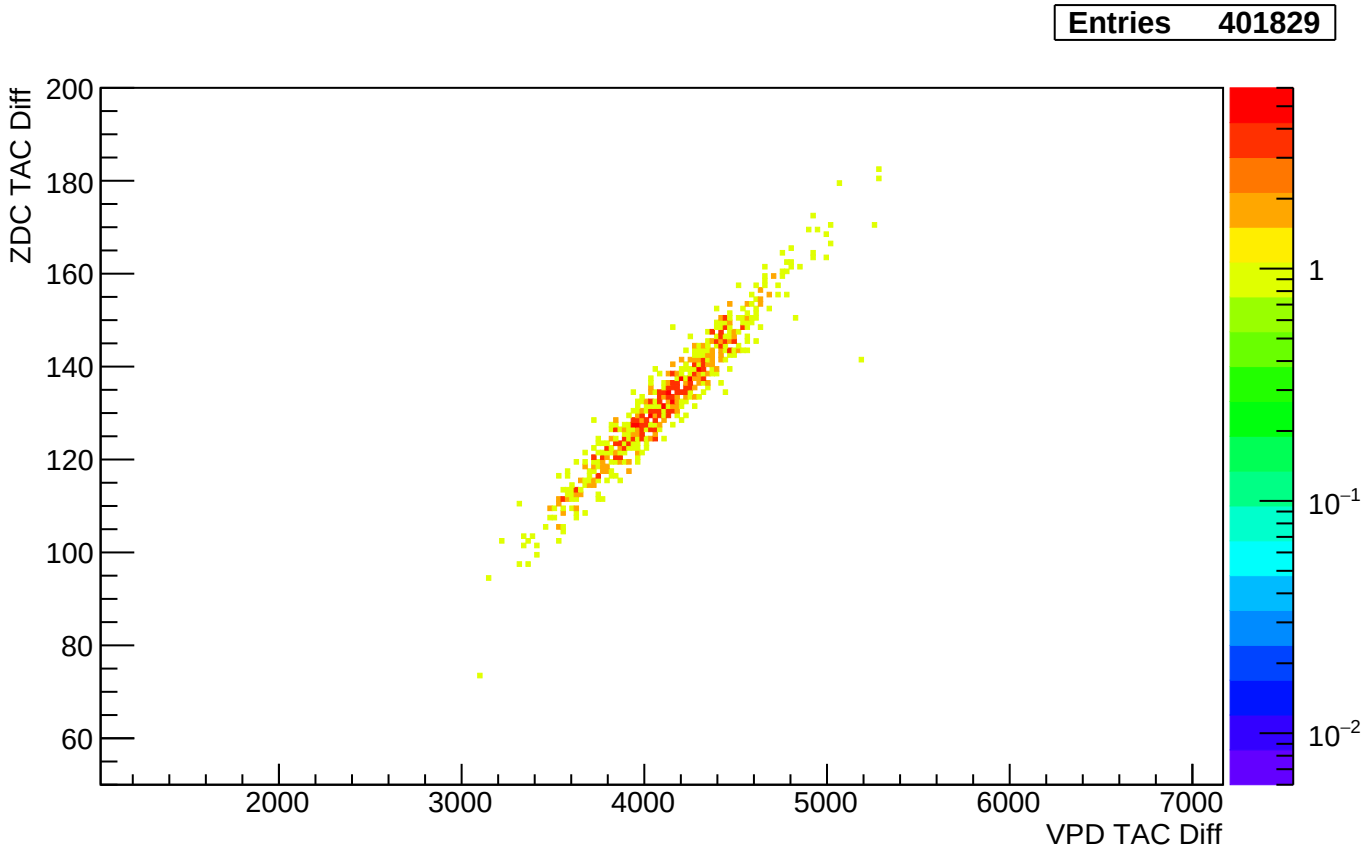

Entries 401829
TOF-Mult
EPD-East Hit Cnt

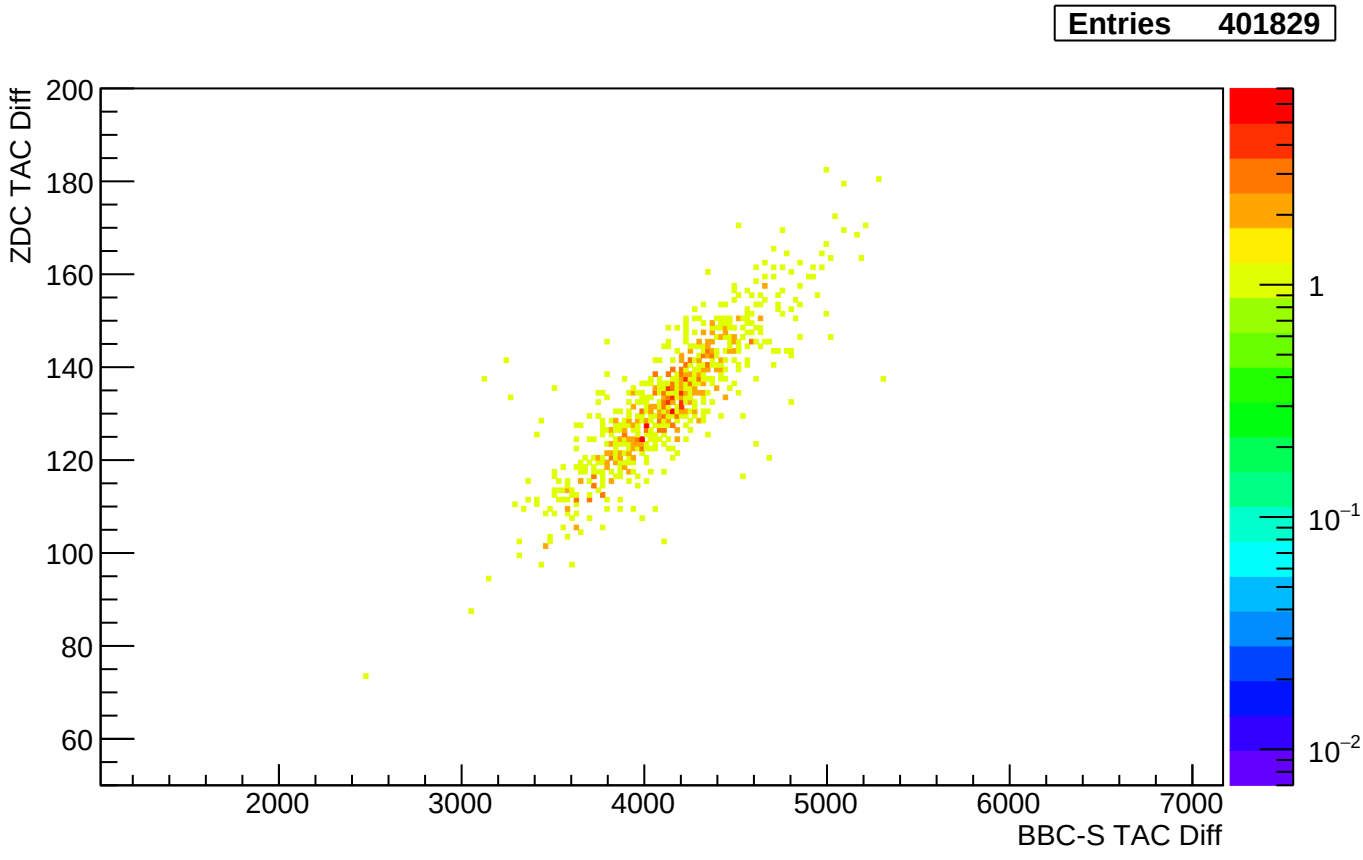

Entries 401829
TOF-Mult
EPD-West Hit Cnt

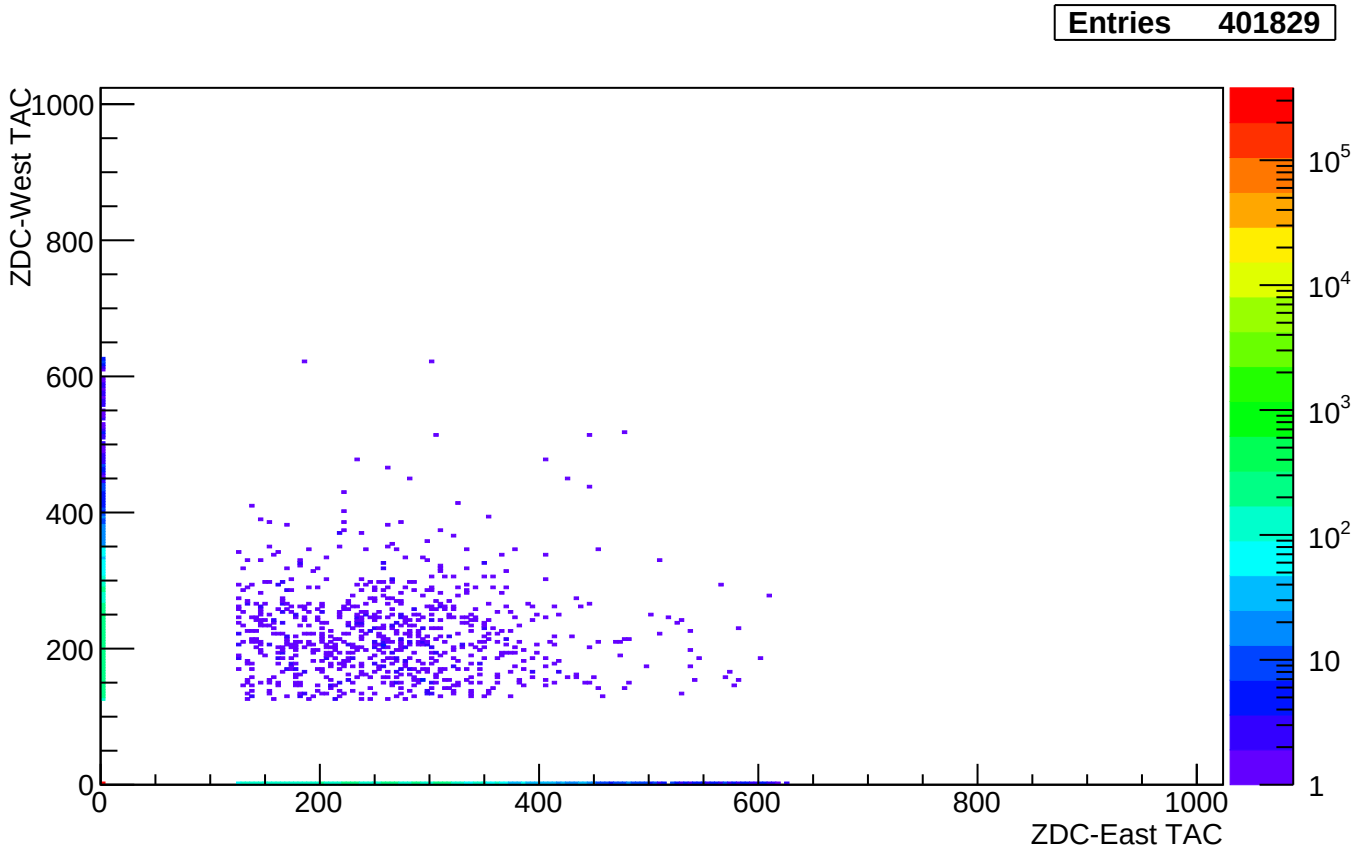

Entries 401829
TOF-Mult
VPD-East ADC Sum

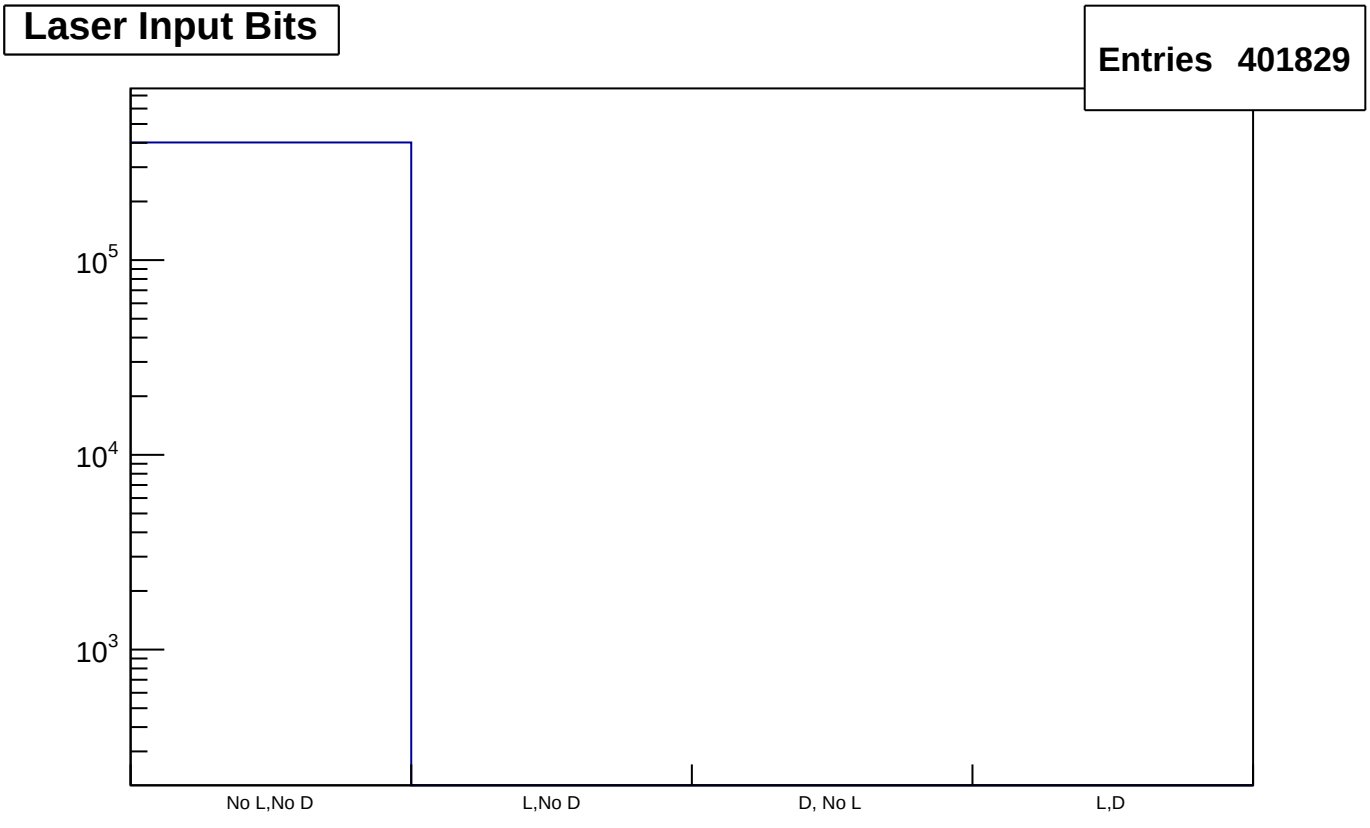

Entries 401829
TOF-Mult
VPD-West ADC Sum

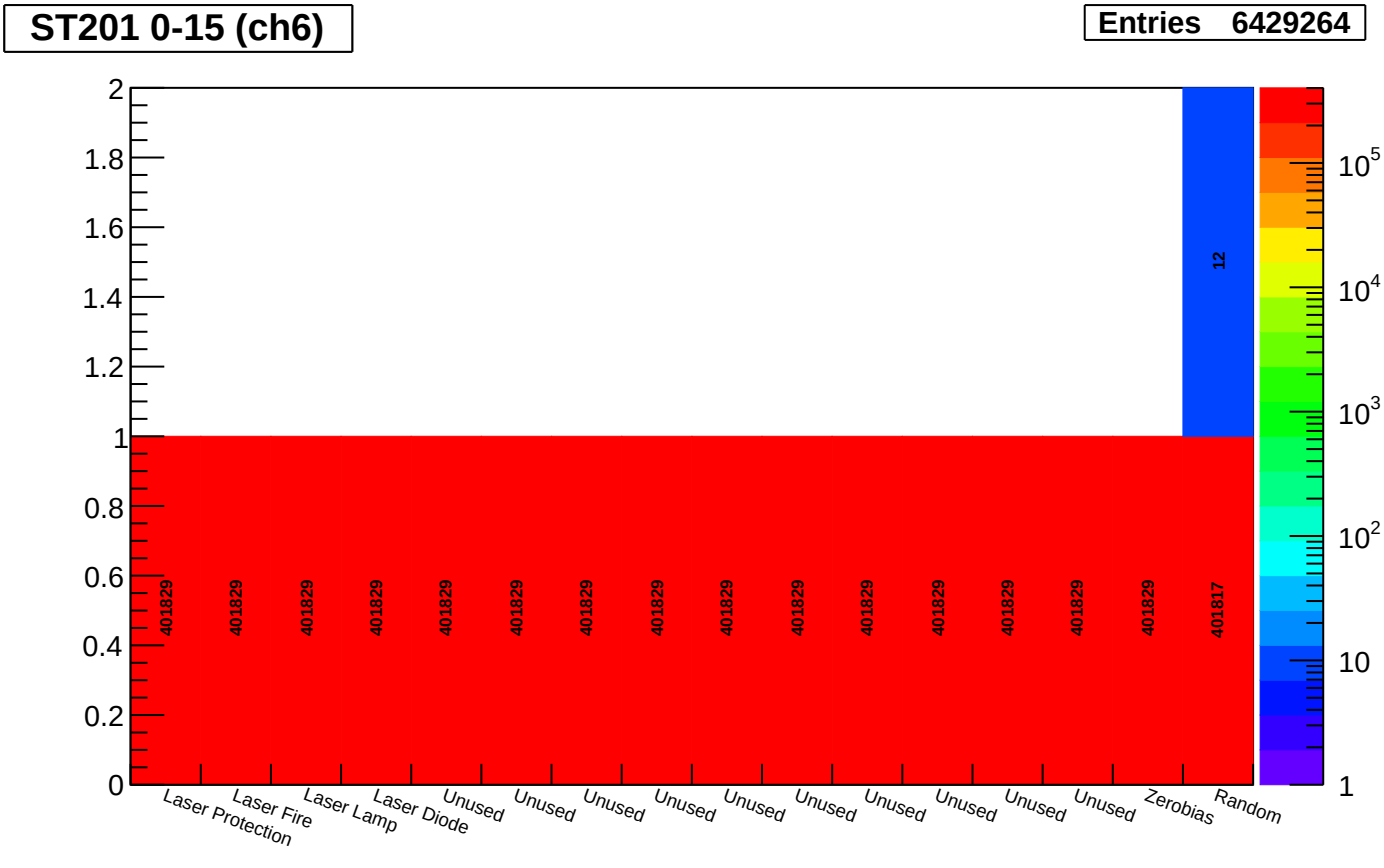

Entries 401829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

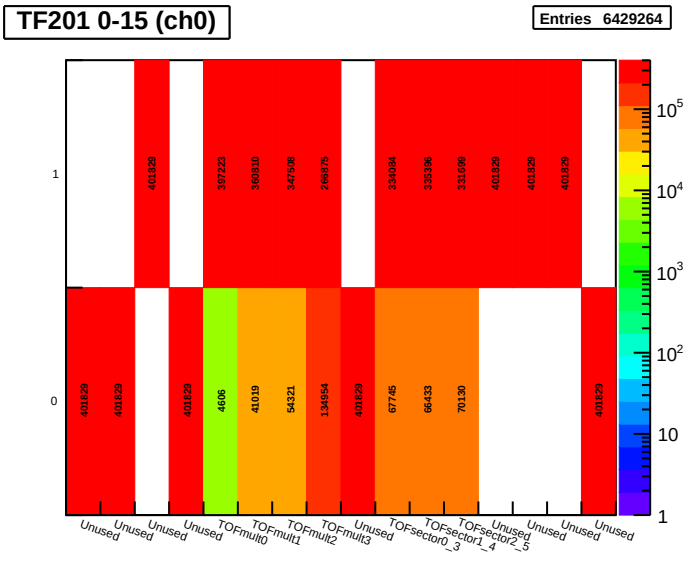

Entries 401829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

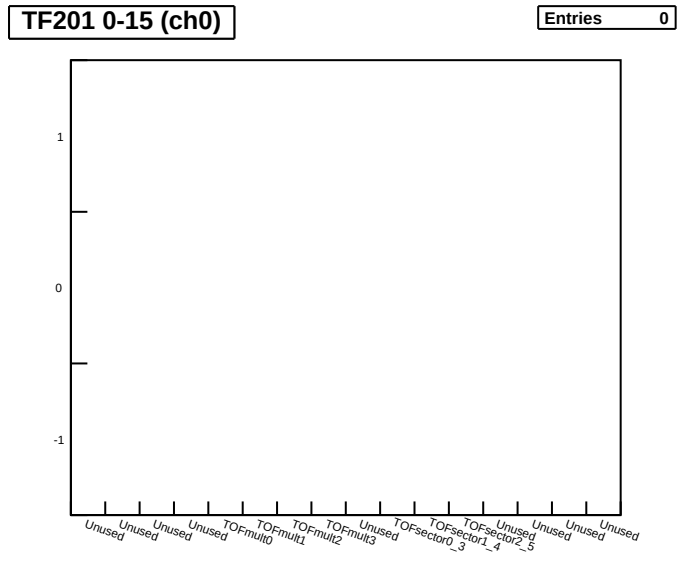

Entries 401829
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

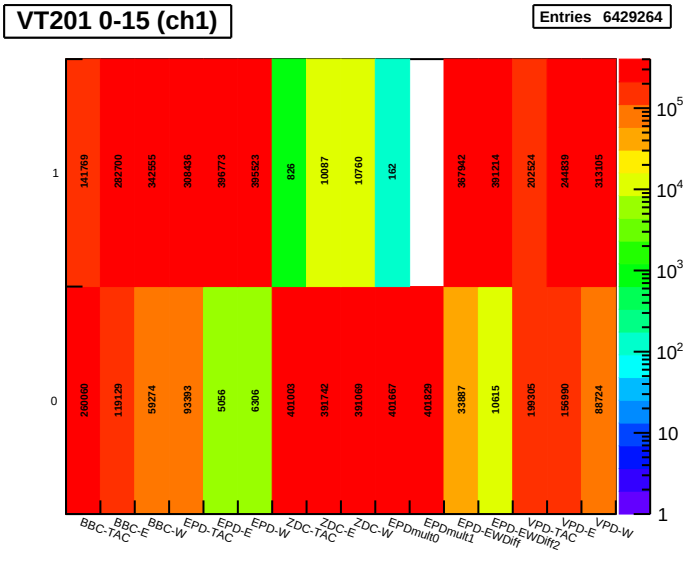

Entries 401829
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

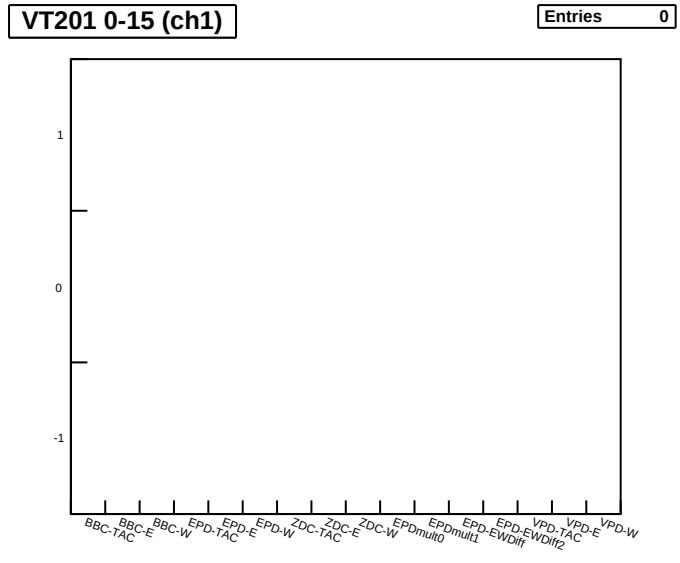

Laser Input Bits
Entries 401829
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

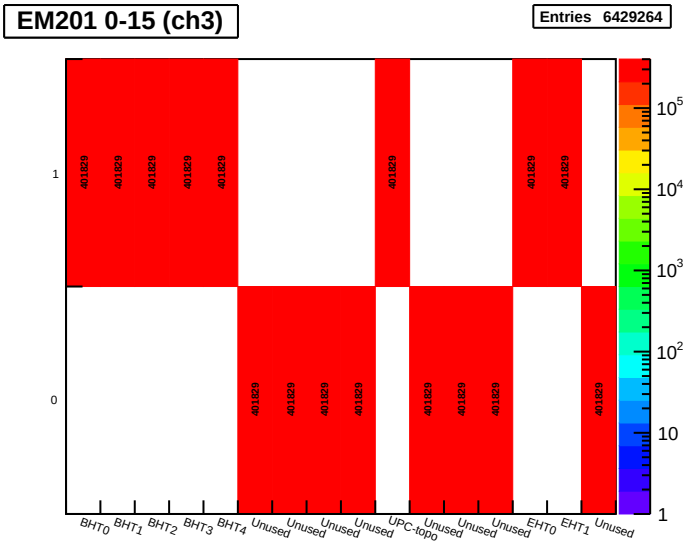

ST201 0-15 (ch6)
Entries 6429264
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
401829
401817
12
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

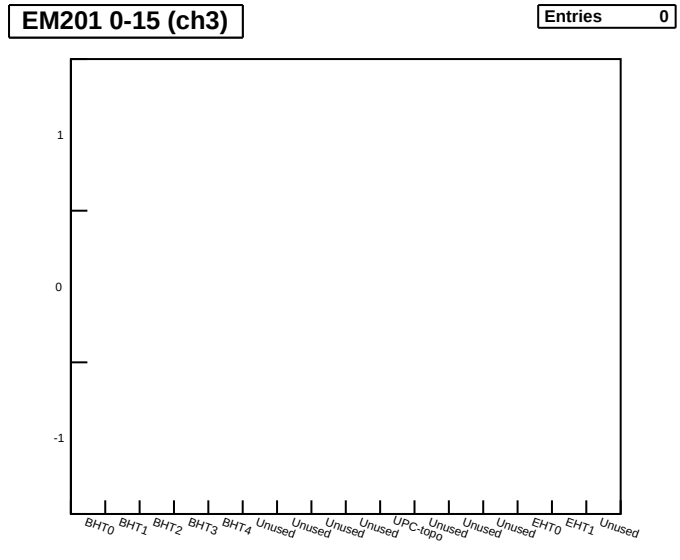

TF201 0-15 (ch0)
Entries 6429264
401829 397223 360810 347508 266875 334084 335396 331699 401829 401829 401829
401829 401829 401829 4606 41019 54321 134954 401829 67745 66433 70130 401829
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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


VT201 0-15 (ch1)
Entries 6429264
141769 282700 342555 308436 396773 395523 826 10087 10760 162 367942 391214 202524 244839 313105
260060 119129 59274 93393 5066 6306 401003 391742 391069 401667 401829 33887 10615 199305 156990 88724
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 6429264
401829 401829 401829 401829 401829 401829 401829 401829
401829 401829 401829 401829 401829 401829 401829 401829
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