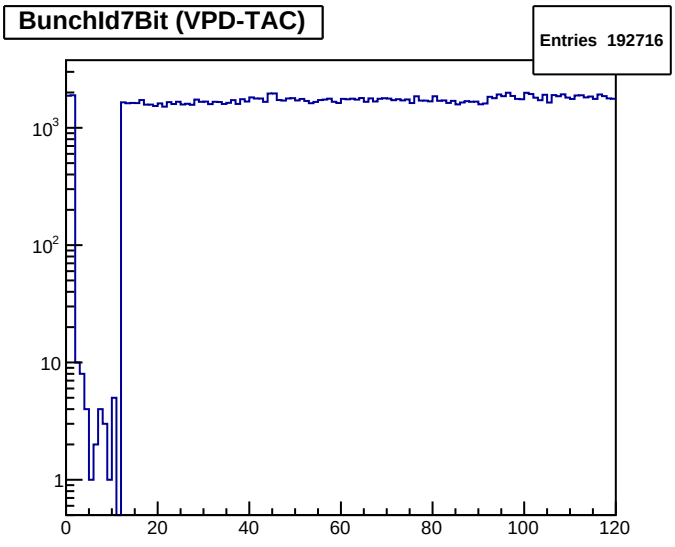
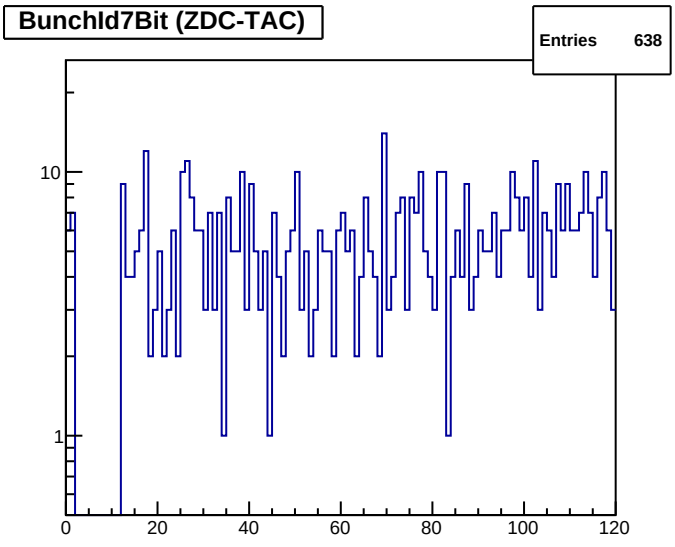
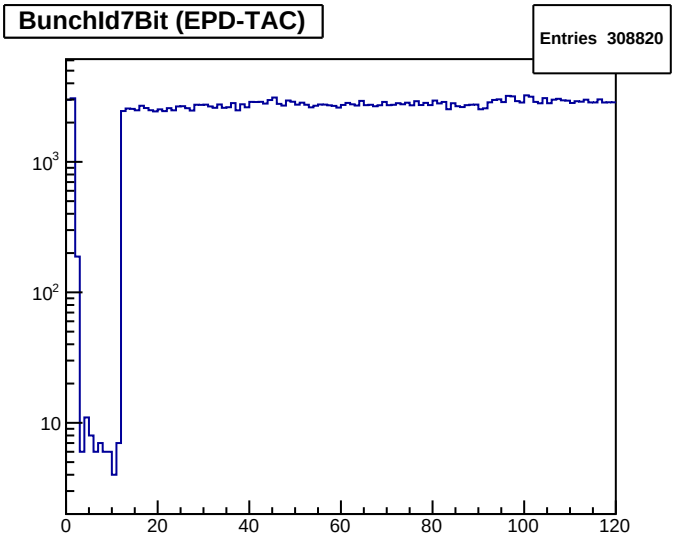
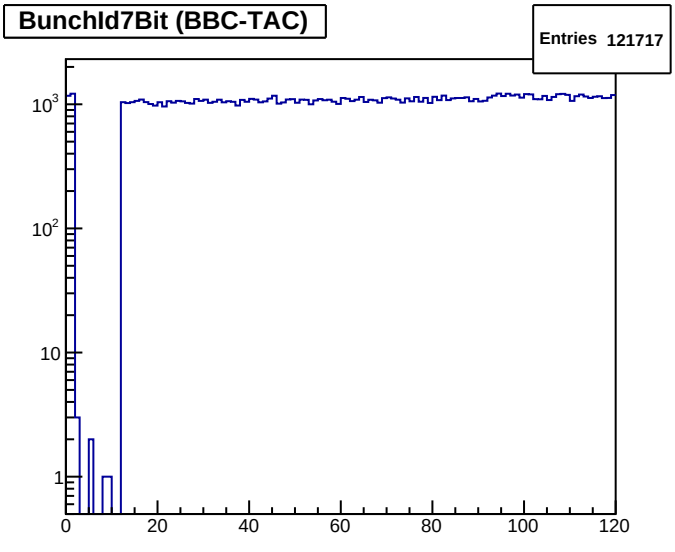
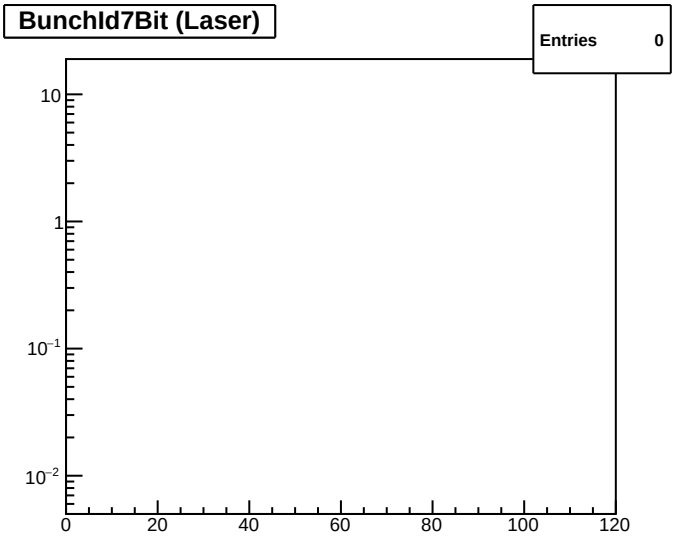
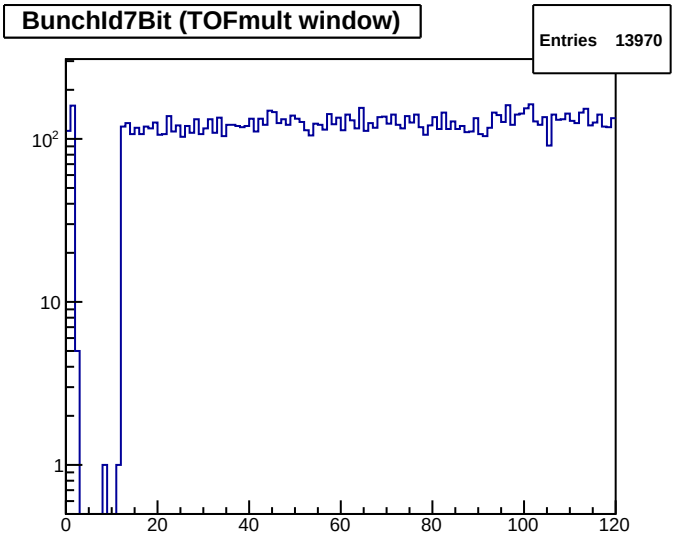

BunchId7Bit (VPD-TAC)
Entries 192716

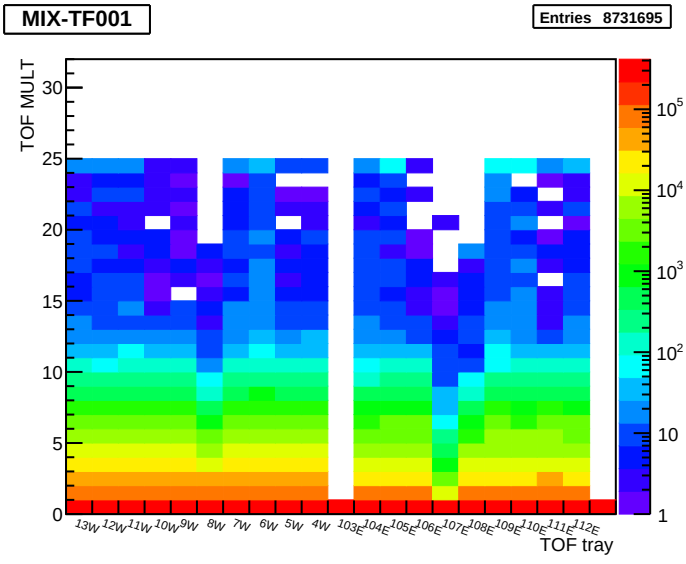

BunchId7Bit (ZDC-TAC)
Entries 638

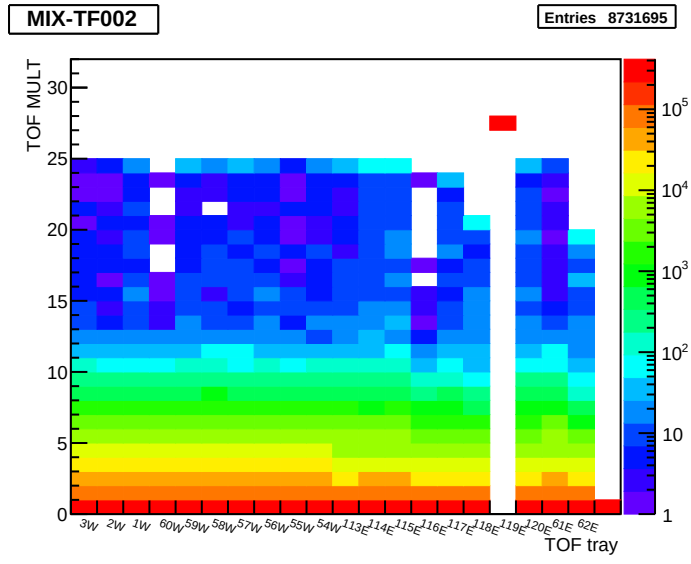

BunchId7Bit (EPD-TAC)
Entries 308820

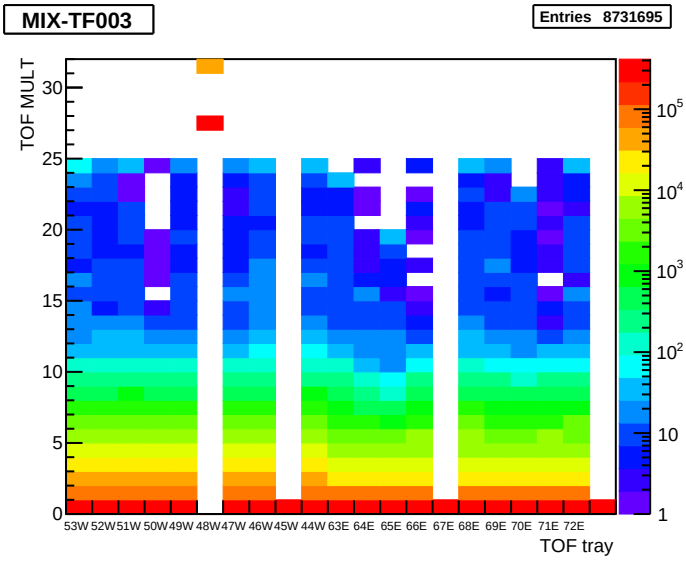

BunchId7Bit (BBC-TAC)
Entries 121717

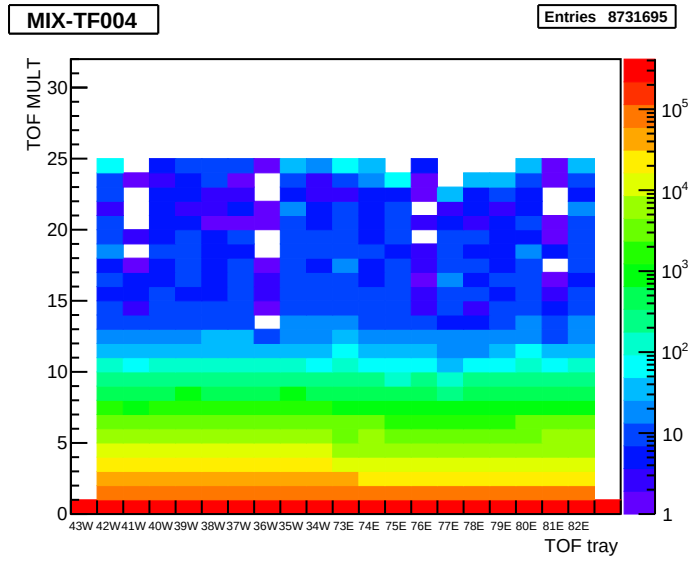

BunchId7Bit (Laser)
Entries 0

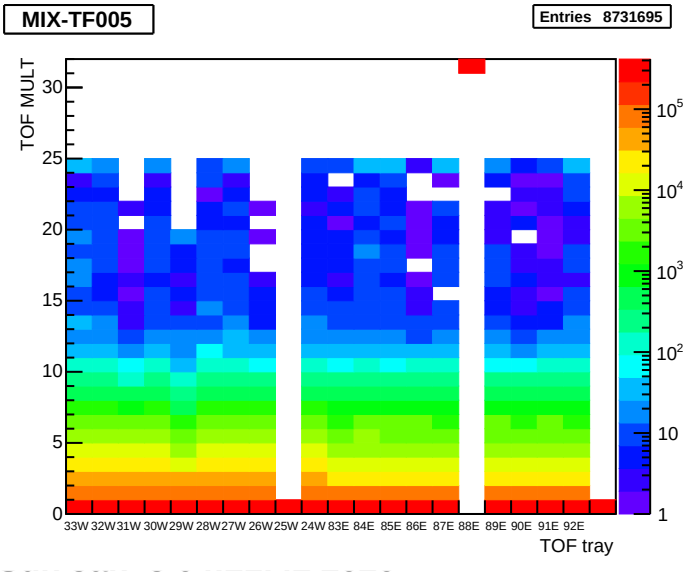

BunchId7Bit (TOFmult window)
Entries 13970

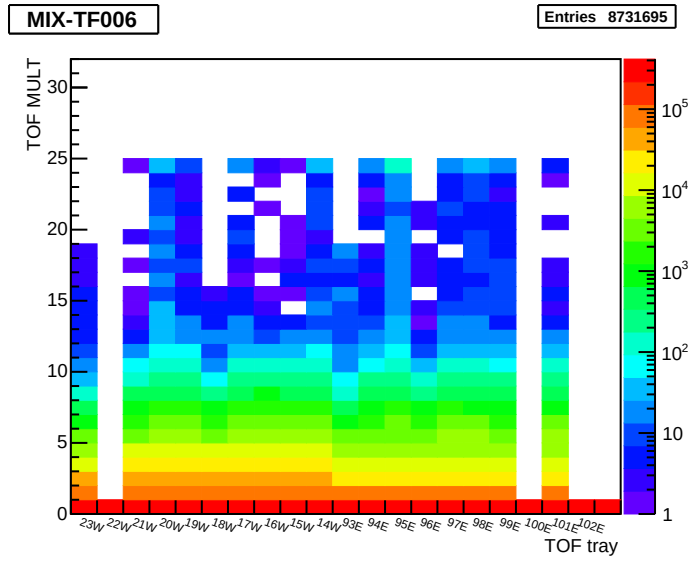

MIX-TF001
Entries 8731695
TOF MULT
TOF tray

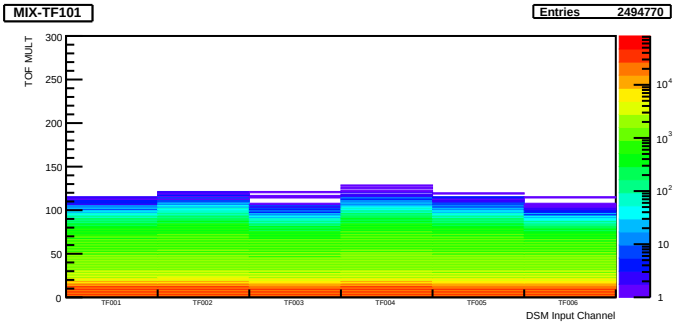

MIX-TF002
Entries 8731695
TOF MULT
TOF tray

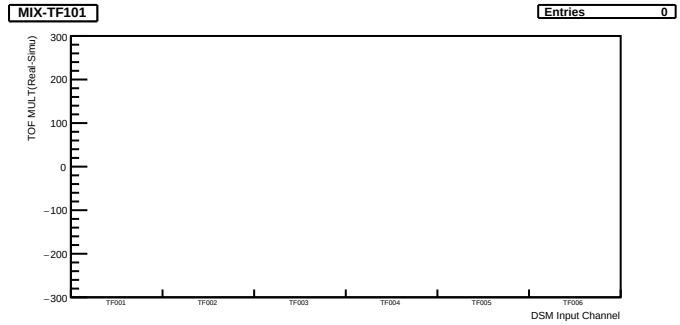

MIX-TF003
Entries 8731695
TOF MULT
TOF tray

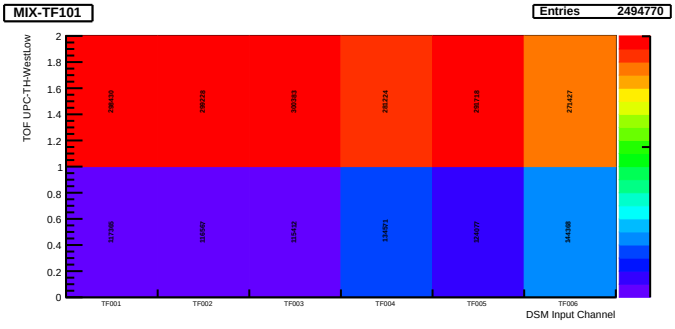

MIX-TF004
Entries 8731695
TOF MULT
TOF tray

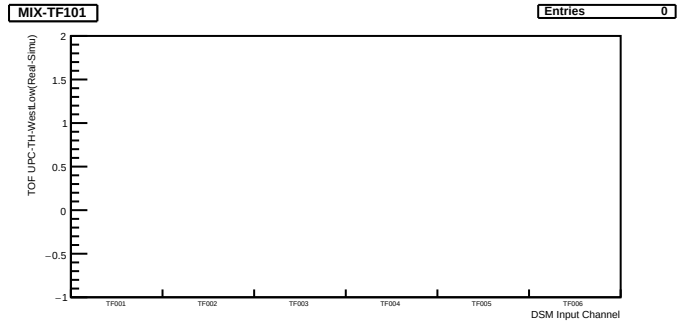

MIX-TF005
Entries 8731695
TOF MULT
TOF tray

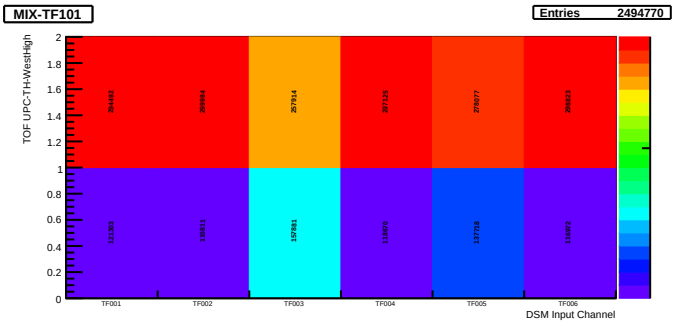

MIX-TF006
Entries 8731695
TOF MULT
TOF tray

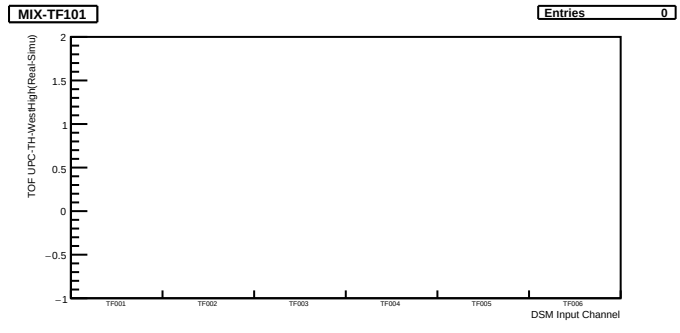

MIX-TF101
Entries 2494770
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

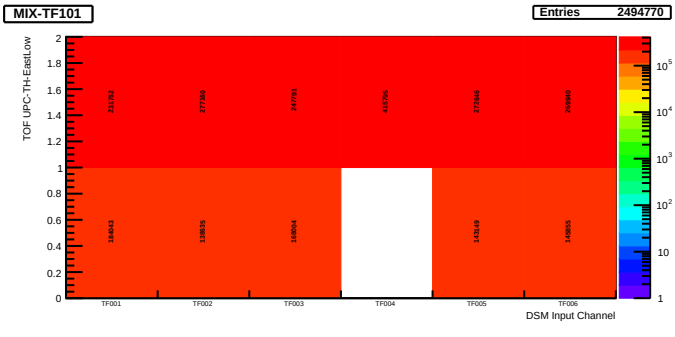

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

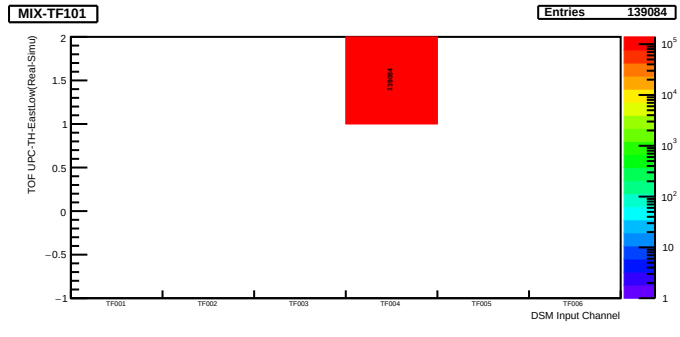

MIX-TF101
Entries 2494770
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

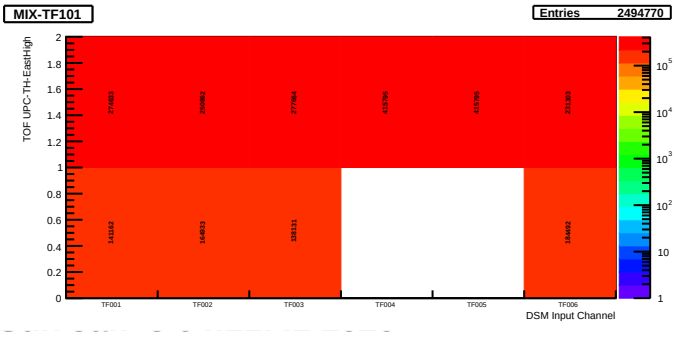

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

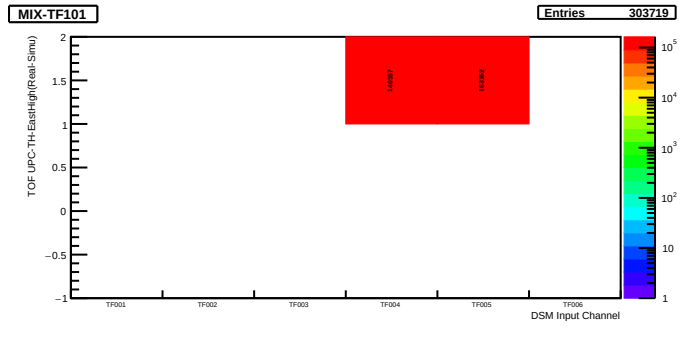

MIX-TF101
Entries 2494770
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

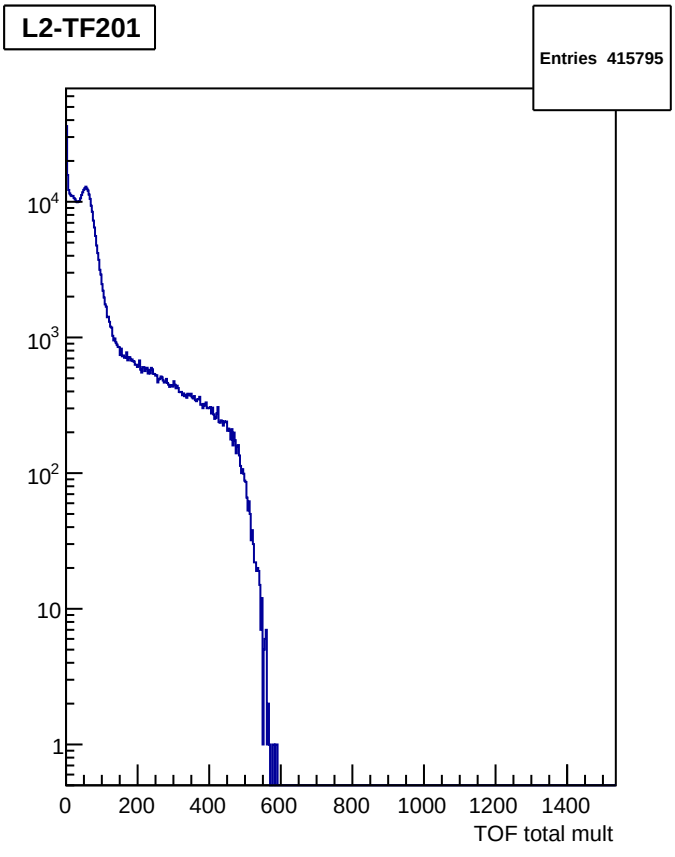

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

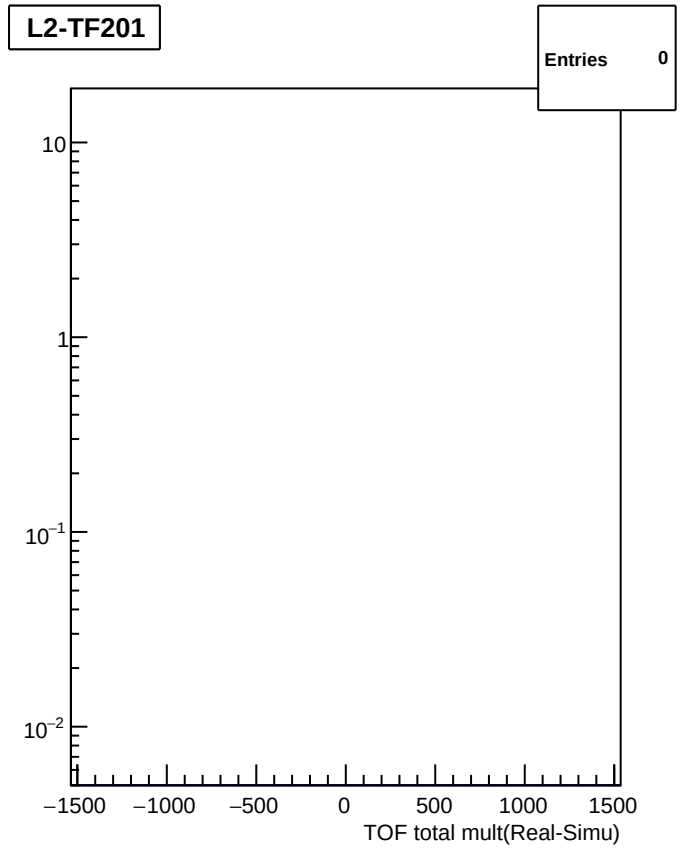

MIX-TF101
Entries 2494770
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

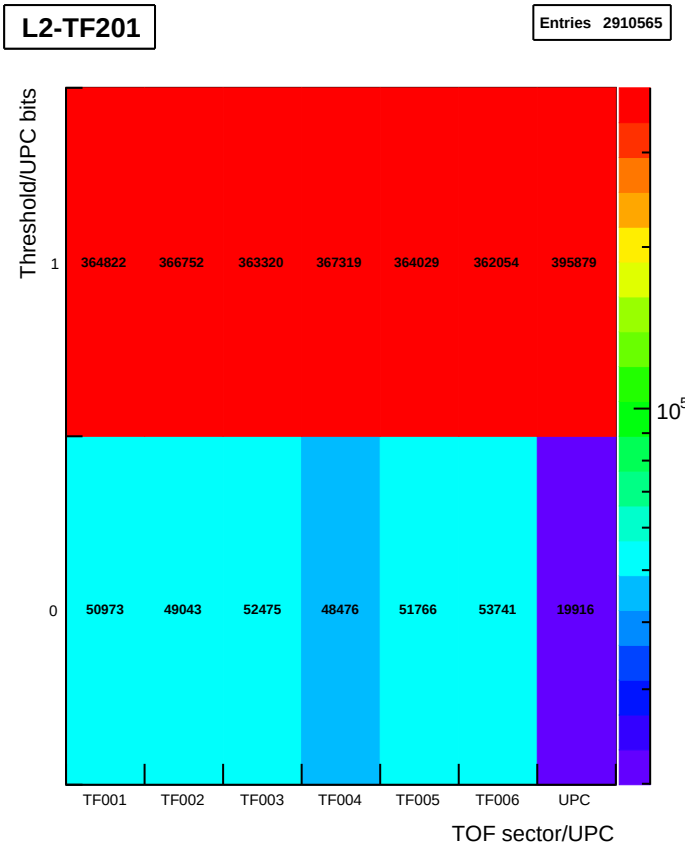

MIX-TF101
Entries 139084
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

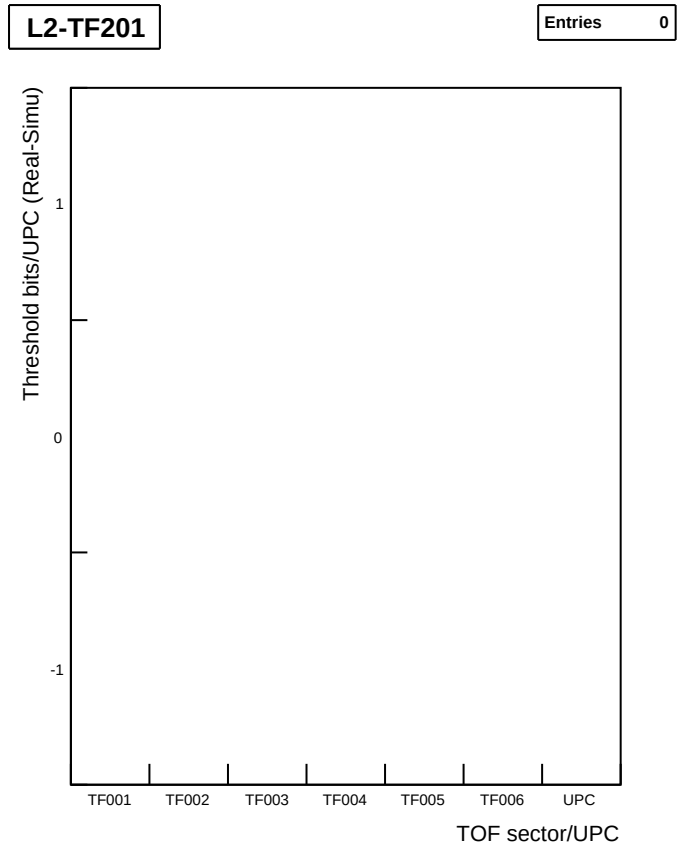

MIX-TF101
Entries 2494770
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

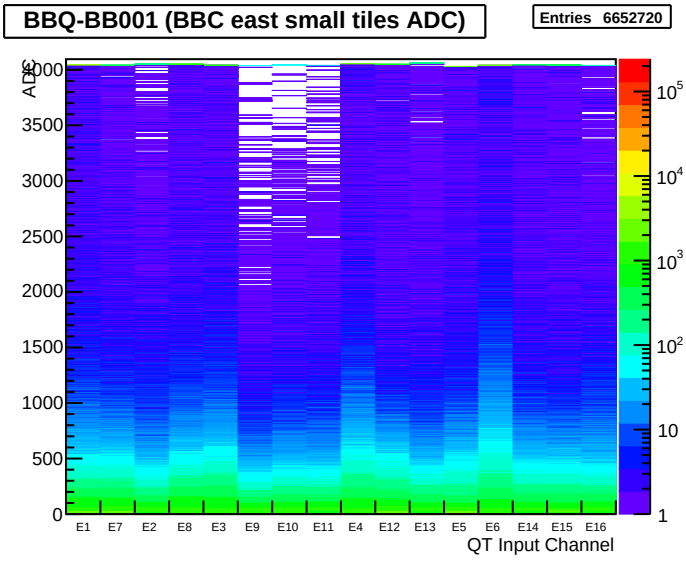

MIX-TF101
Entries 303719
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

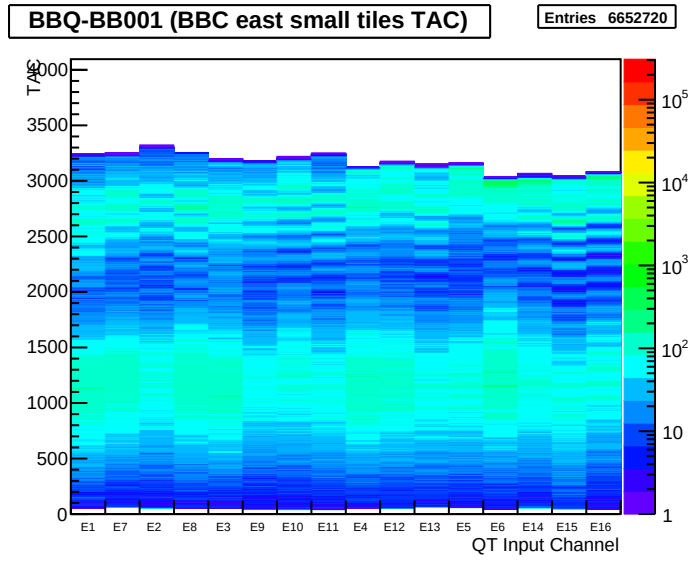

L2-TF201
Entries 415795
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

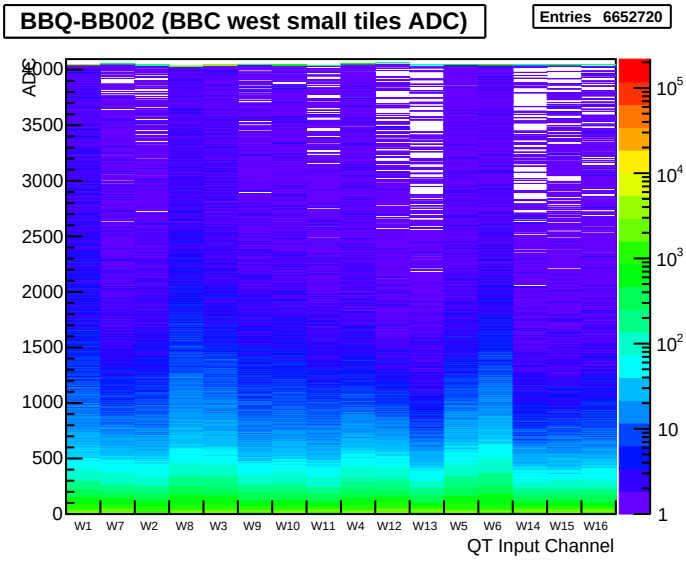

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

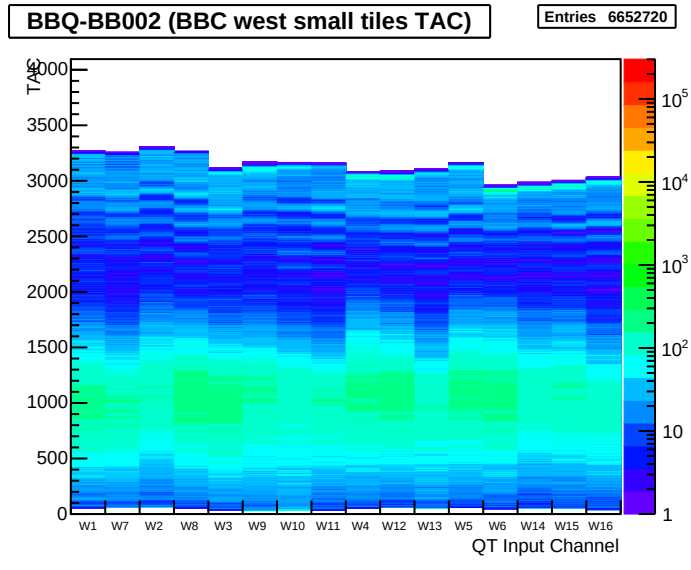

L2-TF201
Entries 2910565
Threshold/UPC bits
1
0
364822
366752
363320
367319
364029
362054
395879
50973
49043
52475
48476
51766
53741
19916
10^5
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

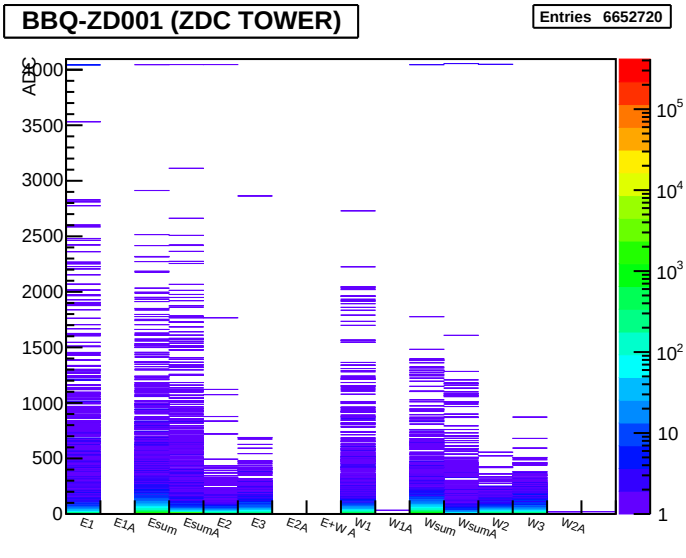

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

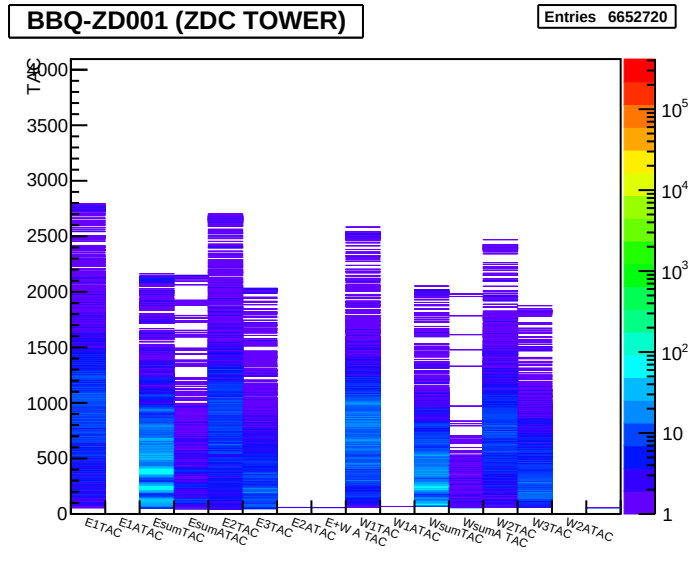

BBQ-BB001 (BBC east small tiles ADC)
Entries 6652720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

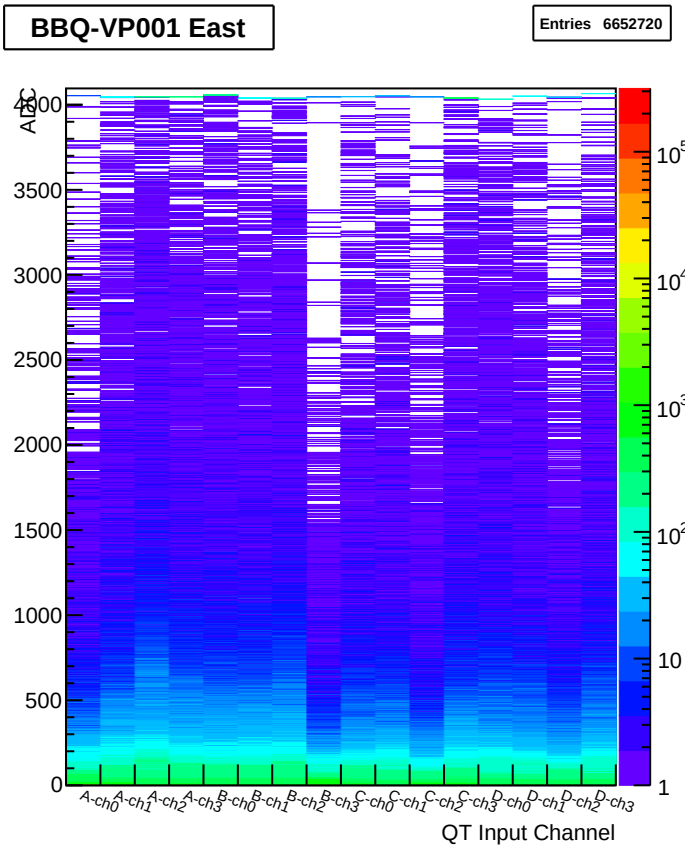

BBQ-BB001 (BBC east small tiles TAC)
Entries 6652720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

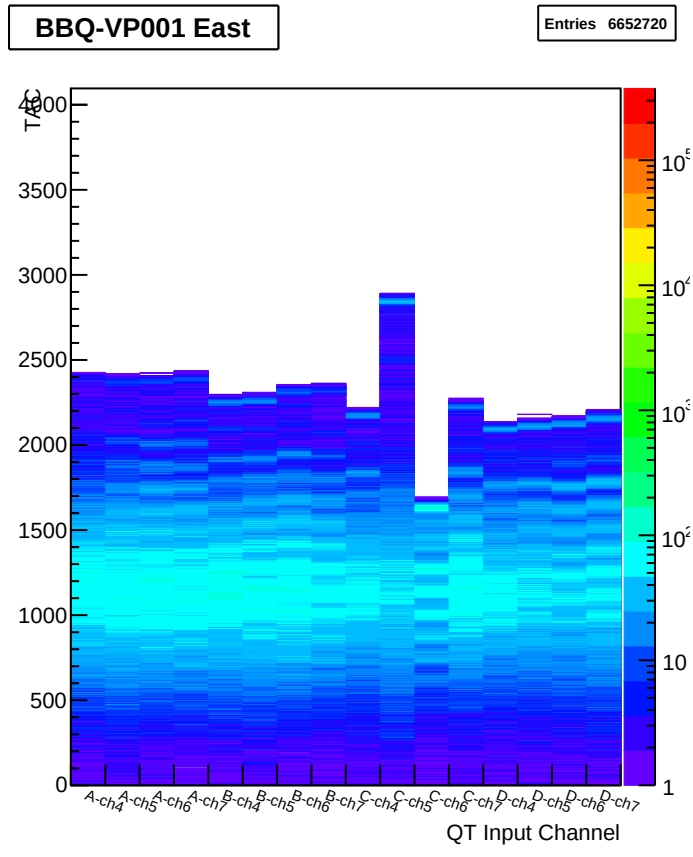

BBQ-BB002 (BBC west small tiles ADC)
Entries 6652720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

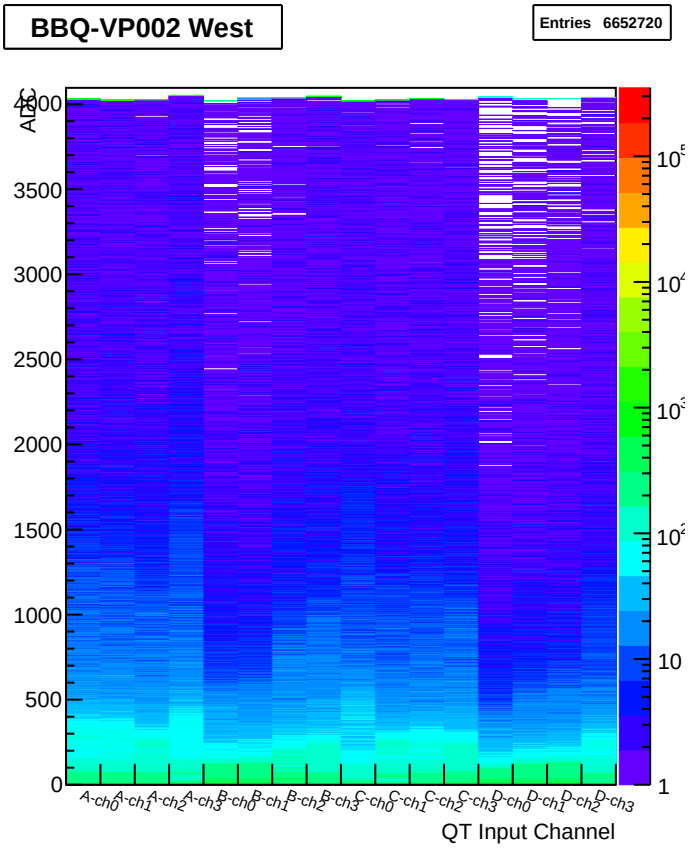

BBQ-BB002 (BBC west small tiles TAC)
Entries 6652720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

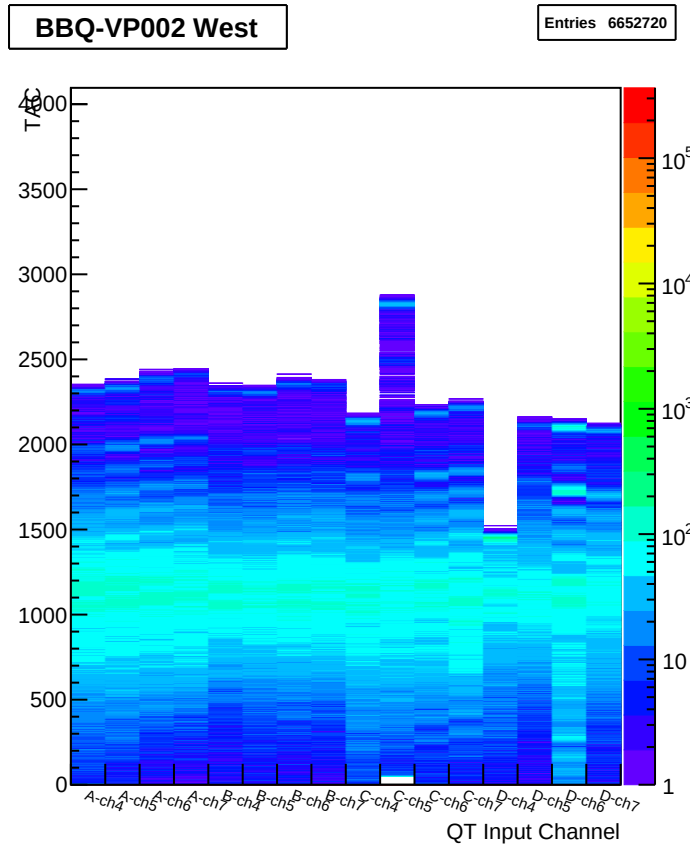

BBQ-ZD001 (ZDC TOWER)
Entries 6652720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

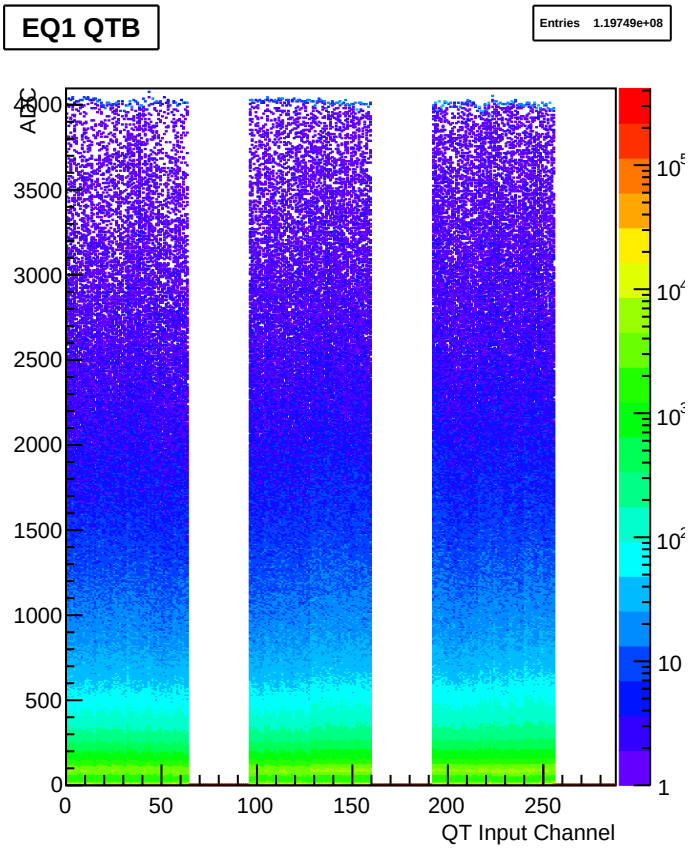

BBQ-ZD001 (ZDC TOWER)
Entries 6652720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

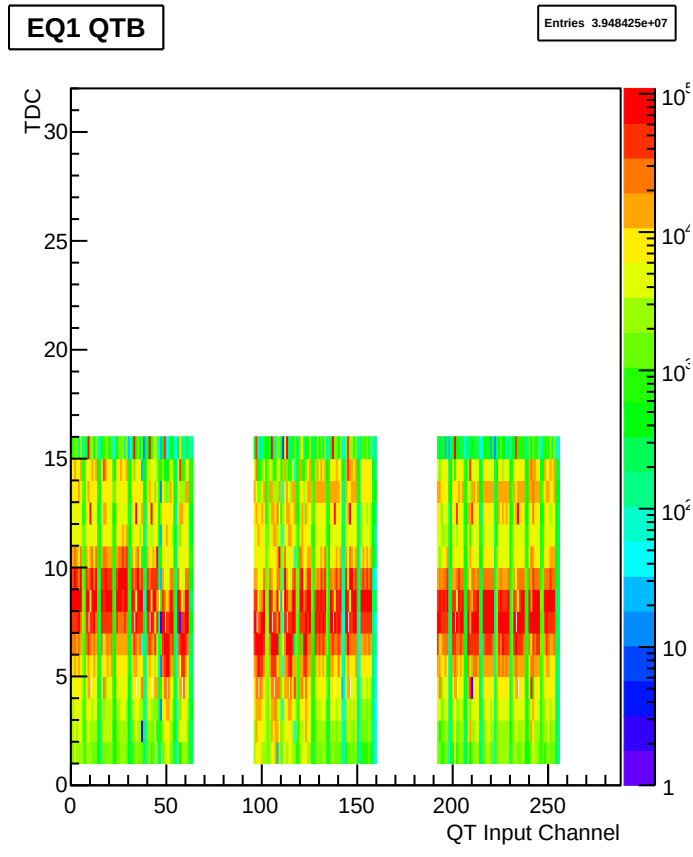

BBQ-VP001 East
Entries 6652720
ADC
QT Input Channel

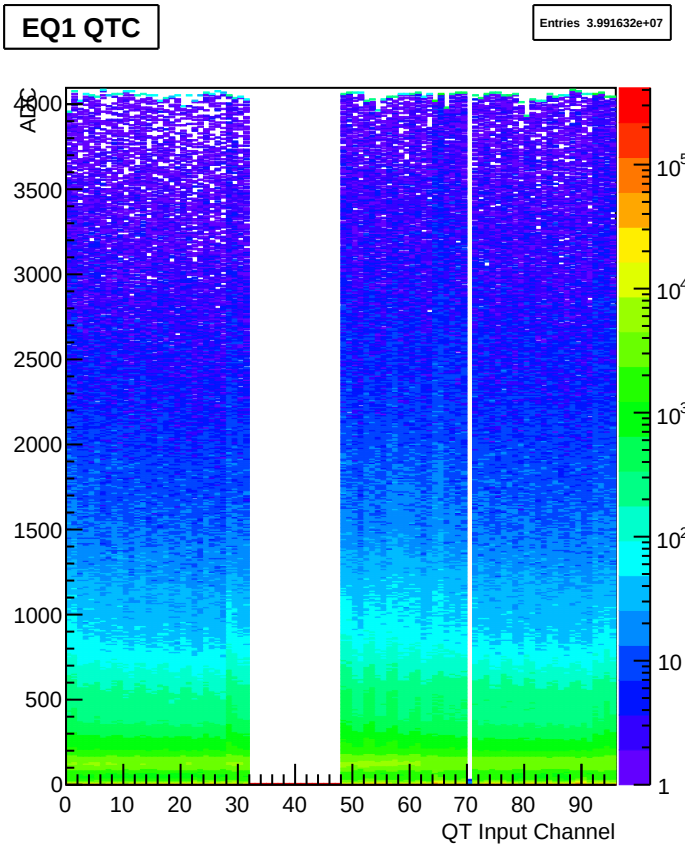

BBQ-VP001 East
Entries 6652720
TADC
QT Input Channel

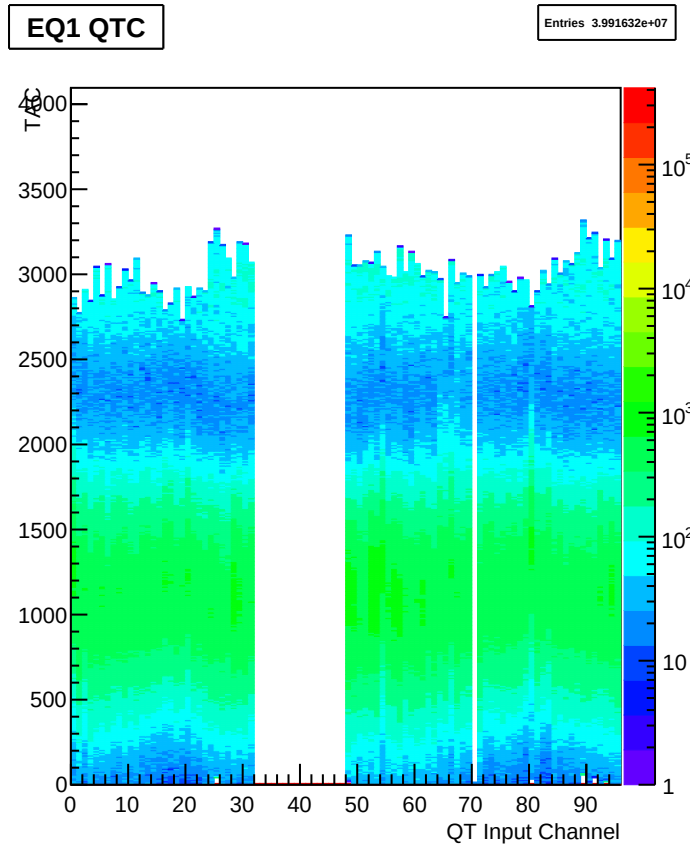

BBQ-VP002 West
Entries 6652720
ADC
QT Input Channel

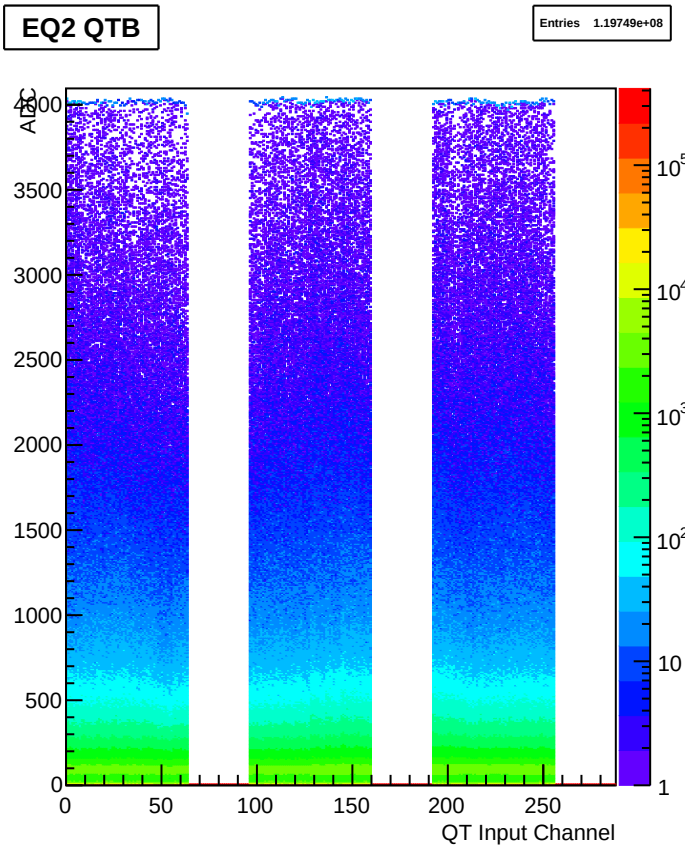

BBQ-VP002 West
Entries 6652720
TADC
QT Input Channel

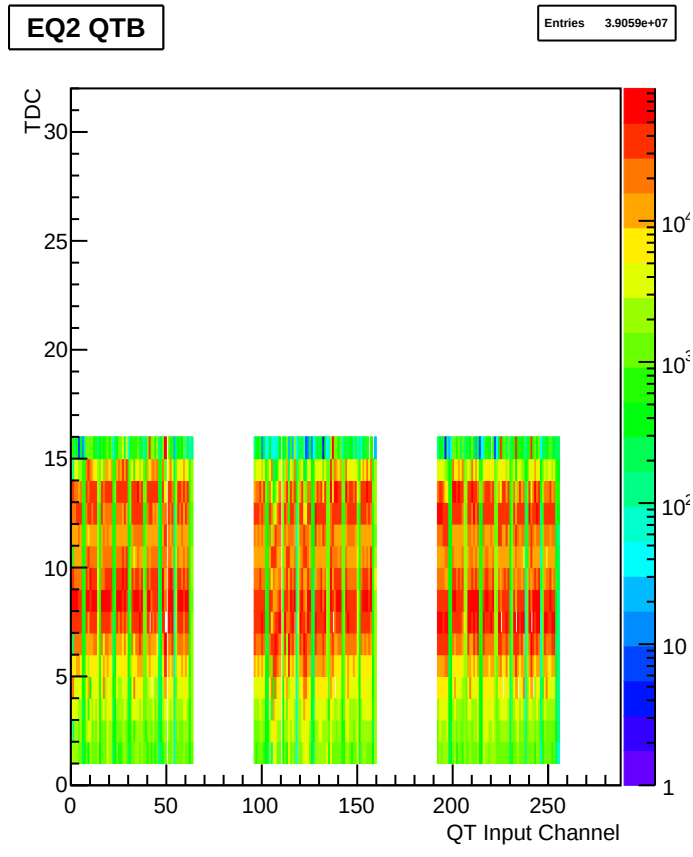

EQ1 QTB
Entries 1.19749e+08
ADC
QT Input Channel

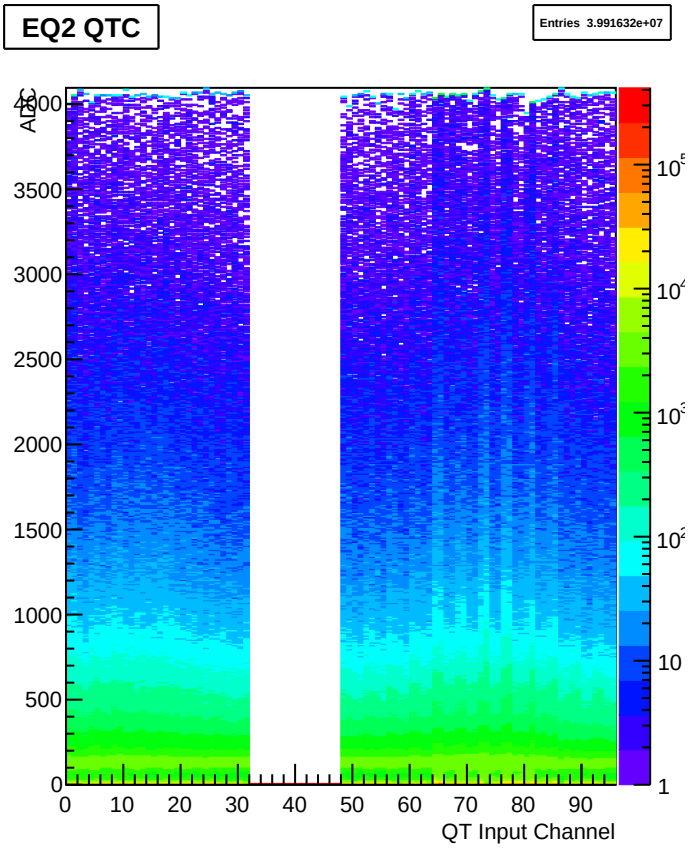

EQ1 QTB
Entries 3.948425e+07
TDC
QT Input Channel

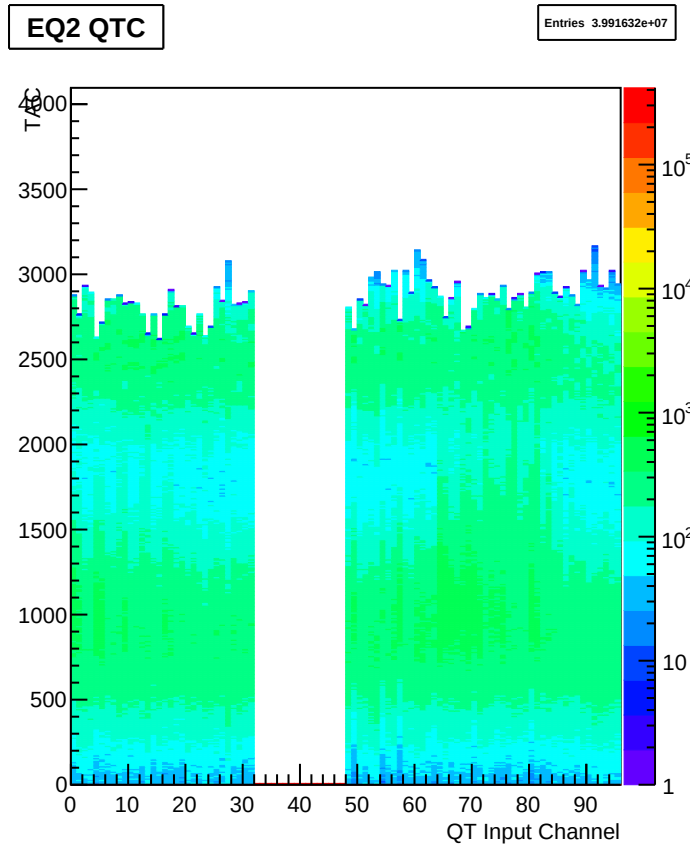

EQ1 QTC
Entries 3.991632e+07
ADC
QT Input Channel

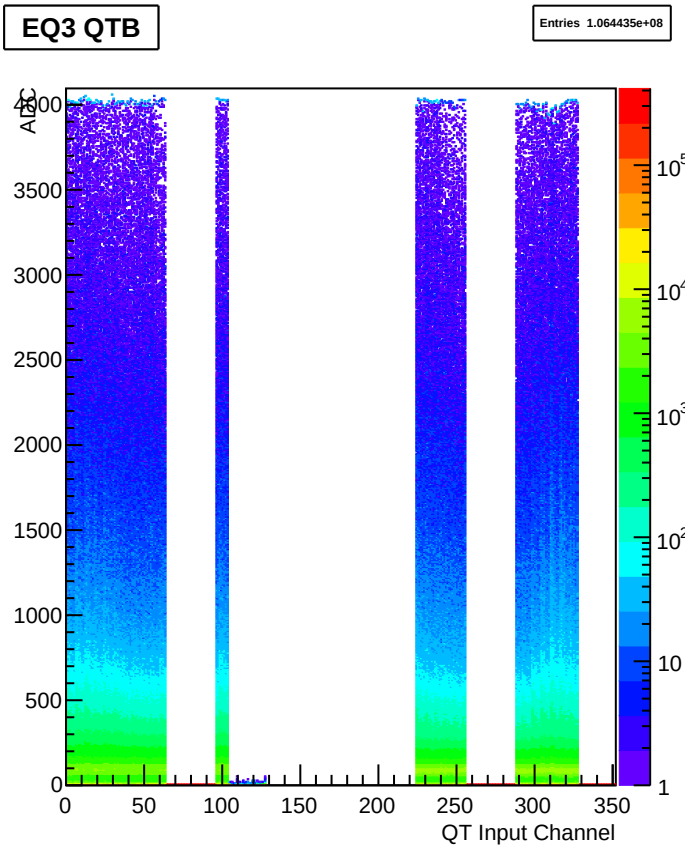

EQ1 QTC
Entries 3.991632e+07
TADC
QT Input Channel

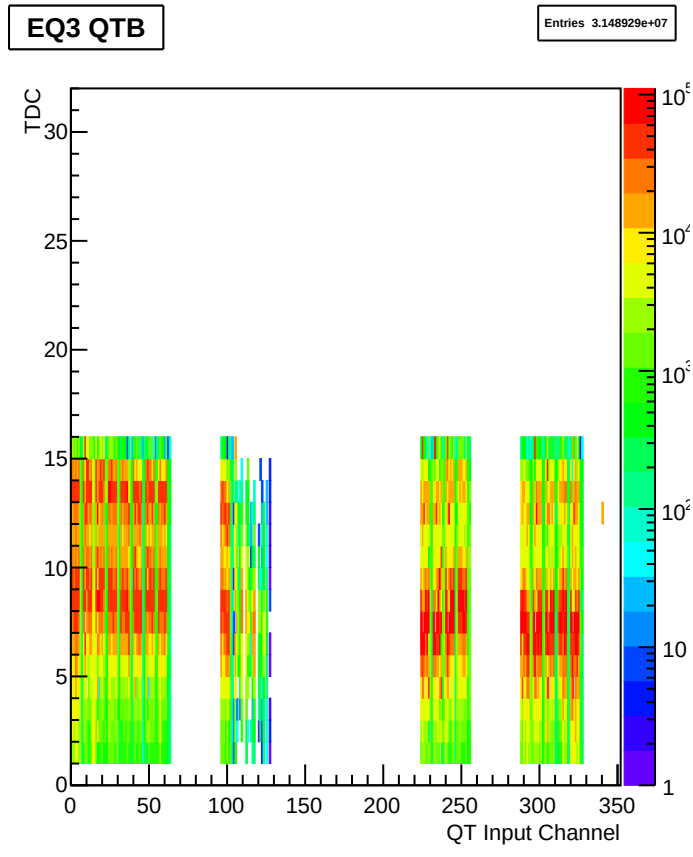

EQ2 QTB
Entries 1.19749e+08
ADC
QT Input Channel

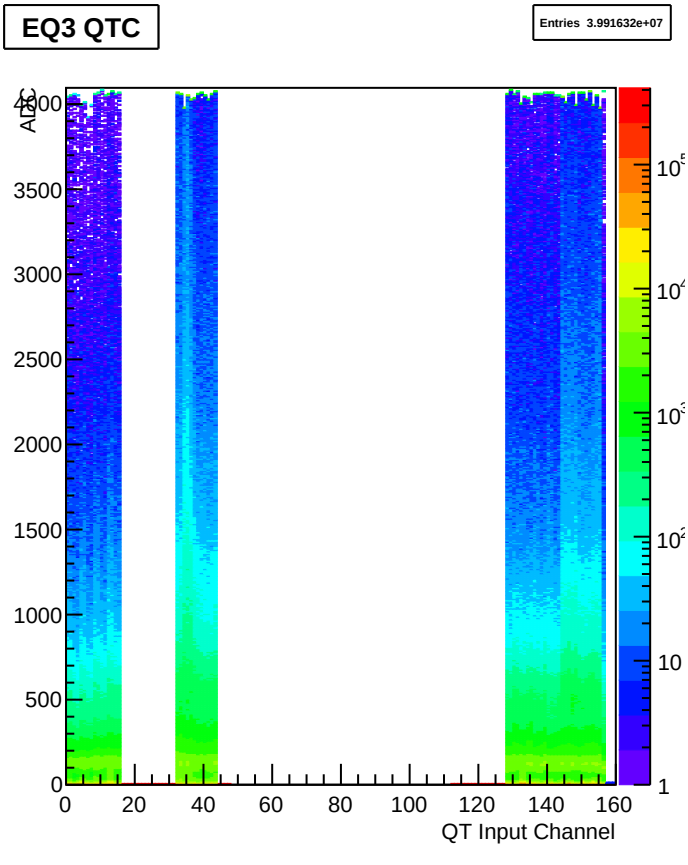

EQ2 QTB
Entries 3.9059e+07
TDC
QT Input Channel

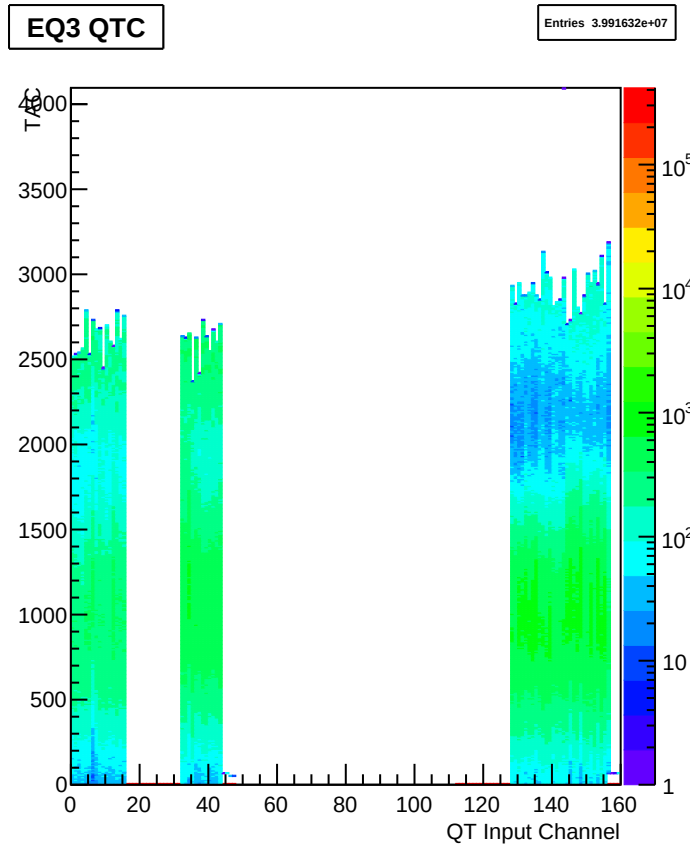

EQ2 QTC
Entries 3.991632e+07
ADC
QT Input Channel

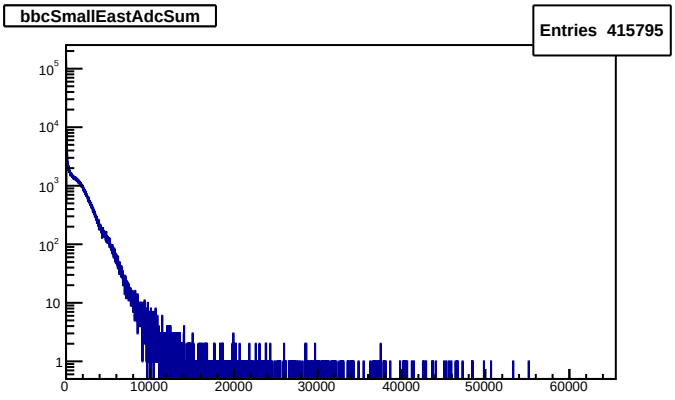

EQ2 QTC
Entries 3.991632e+07
TADC
QT Input Channel

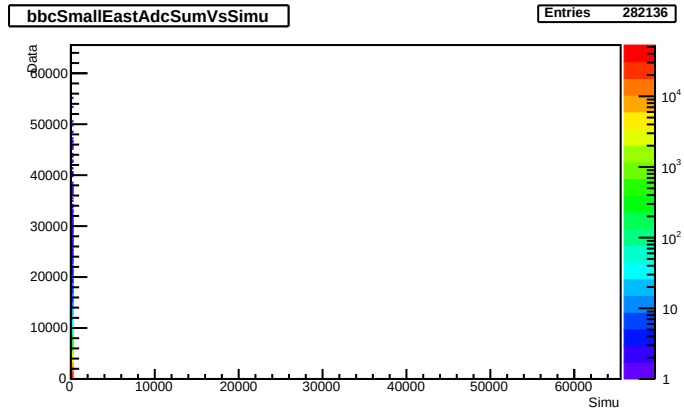

EQ3 QTB
Entries 1.064435e+08
ADC
QT Input Channel

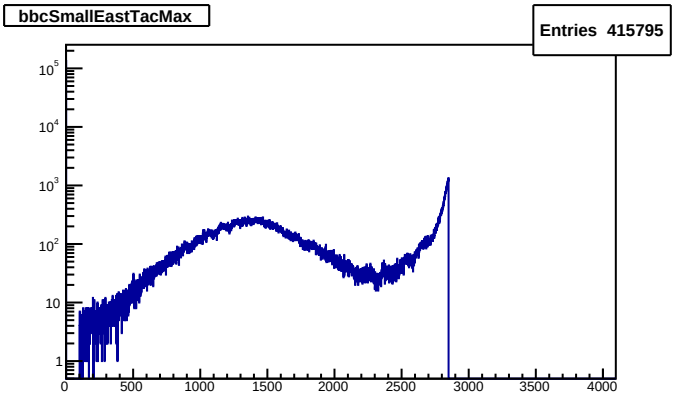

EQ3 QTB
Entries 3.148929e+07
TDC
QT Input Channel

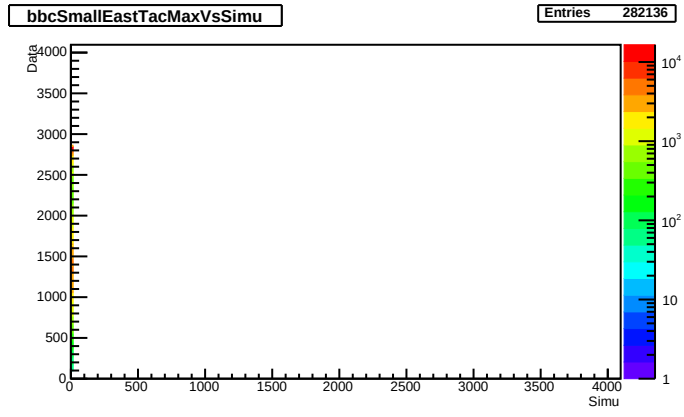

EQ3 QTC
Entries 3.991632e+07
ADC
QT Input Channel

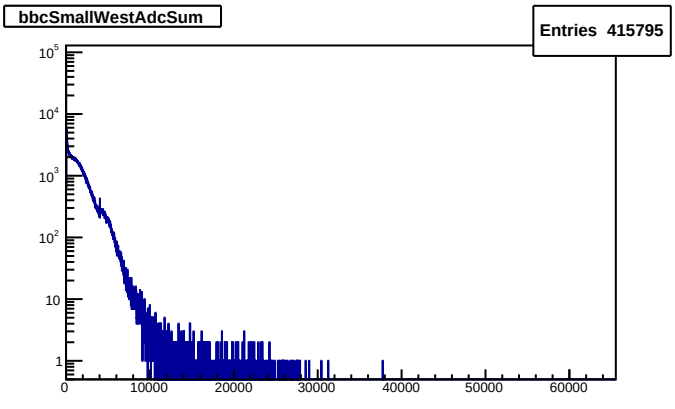

EQ3 QTC
Entries 3.991632e+07
TADC
QT Input Channel

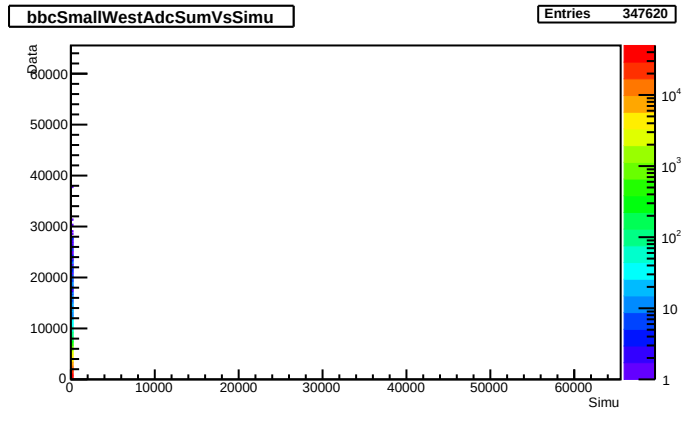

bbcSmallEastAdcSum
Entries 415795


bbcSmallEastAdcSumVsSimu
Entries 282136
Data
Simu


bbcSmallEastTacMax
Entries 415795


bbcSmallEastTacMaxVsSimu
Entries 282136
Data
Simu


bbcSmallWestAdcSum
Entries 415795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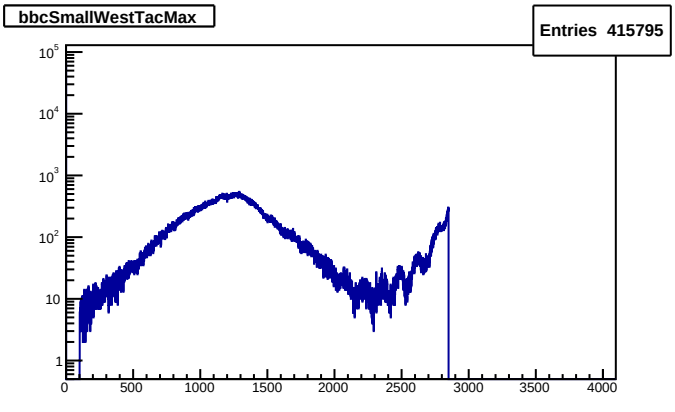
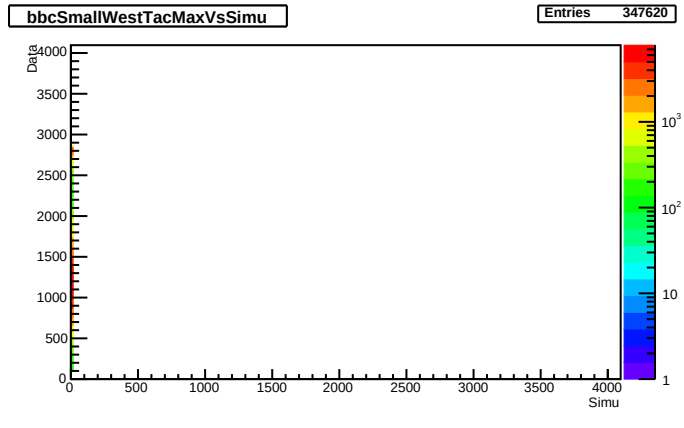
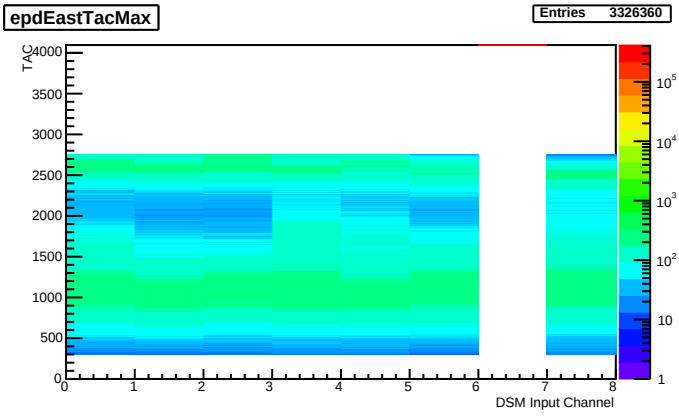
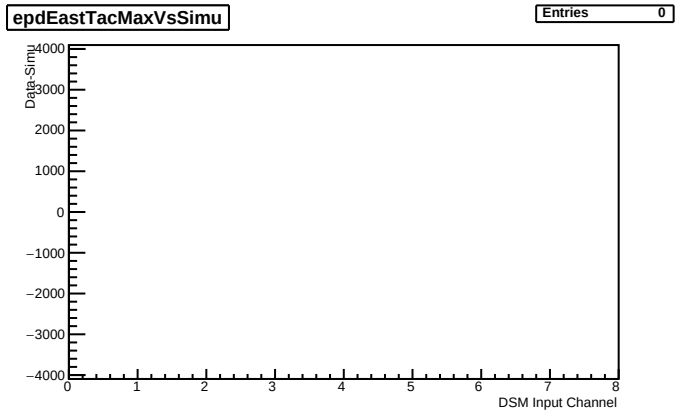
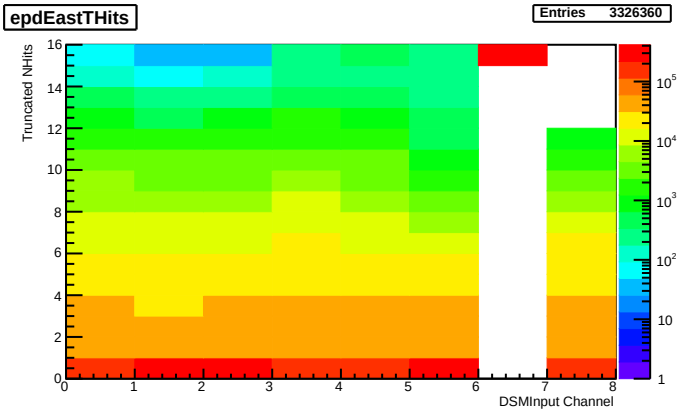
Entries 347620
Data
Simu

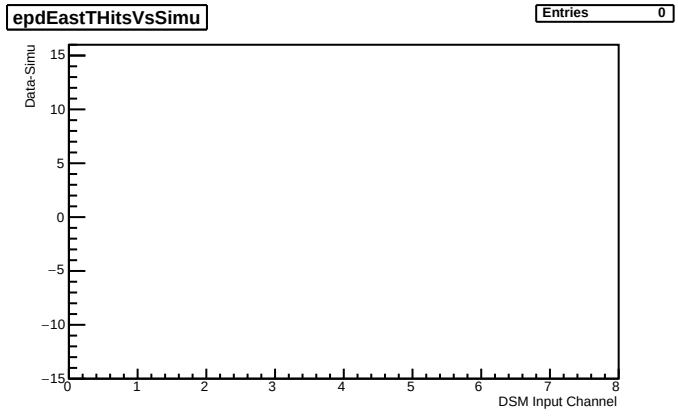

bbcSmallWestTacMax
Entries 415795


bbcSmallWestTacMaxVsSimu
Entries 347620
Data
Simu


epdEastTacMax
Entries 3326360
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3326360
Truncated NHits
DSMInput Channel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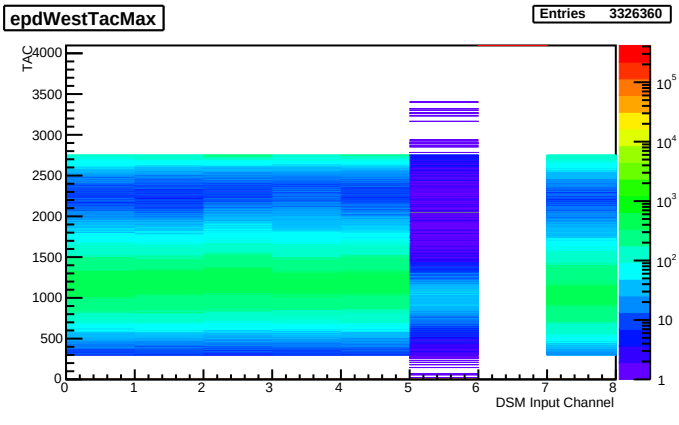
Data-Simu
DSM Input Channel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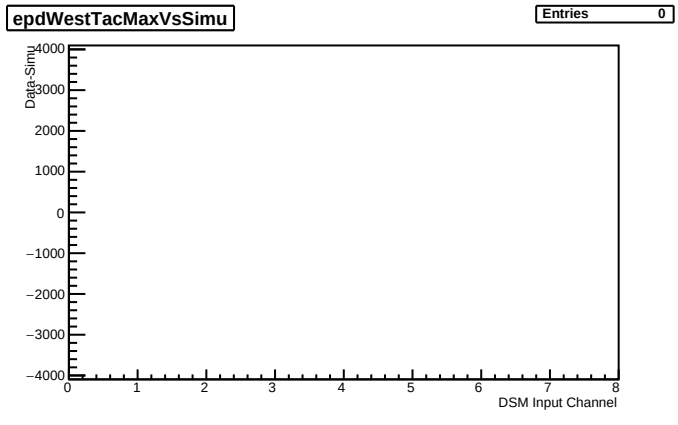
Entries 3326360
TAC
DSM Input Channel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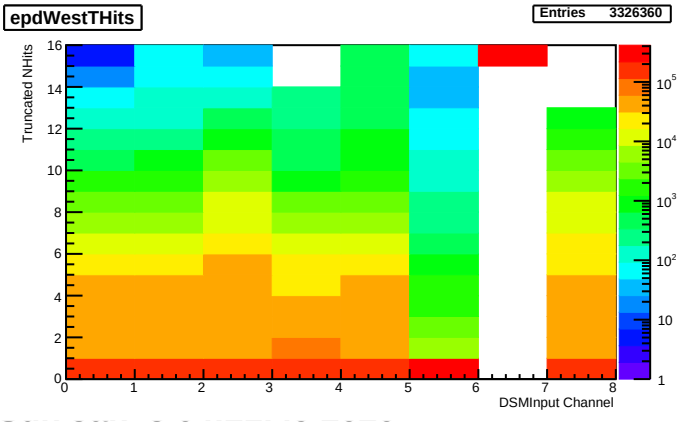
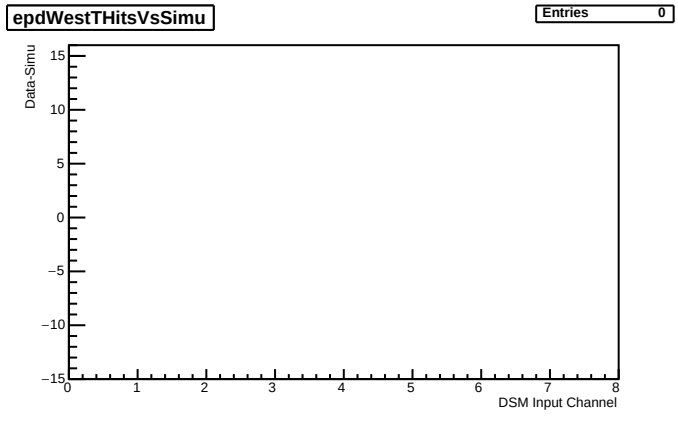
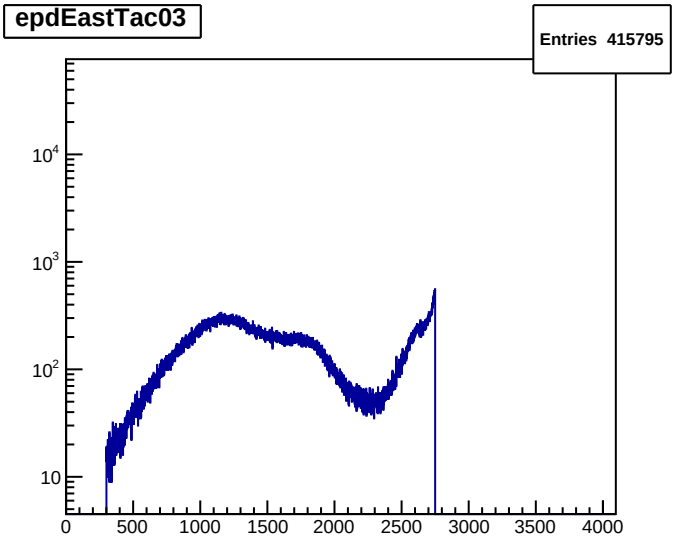
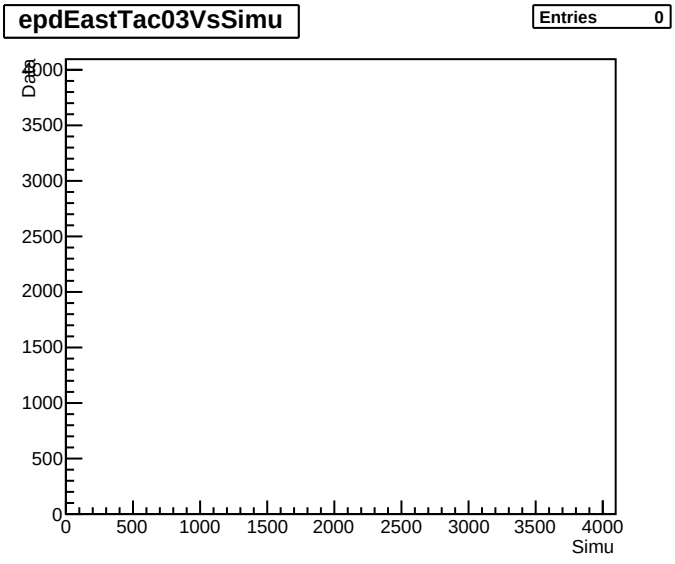
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3326360
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 415795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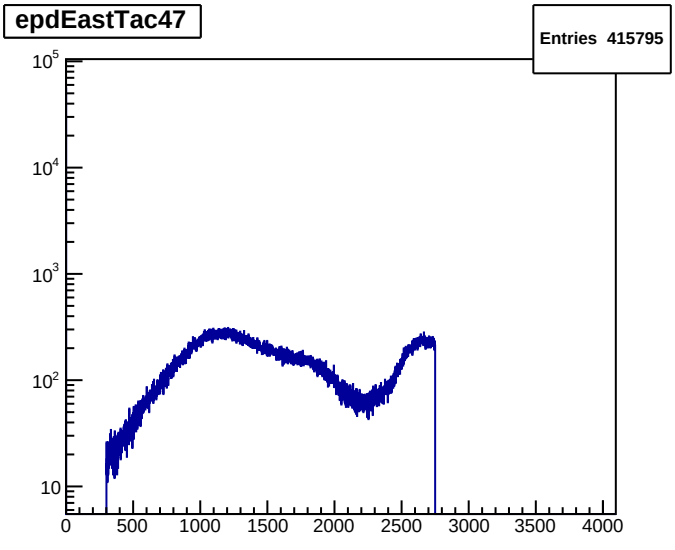
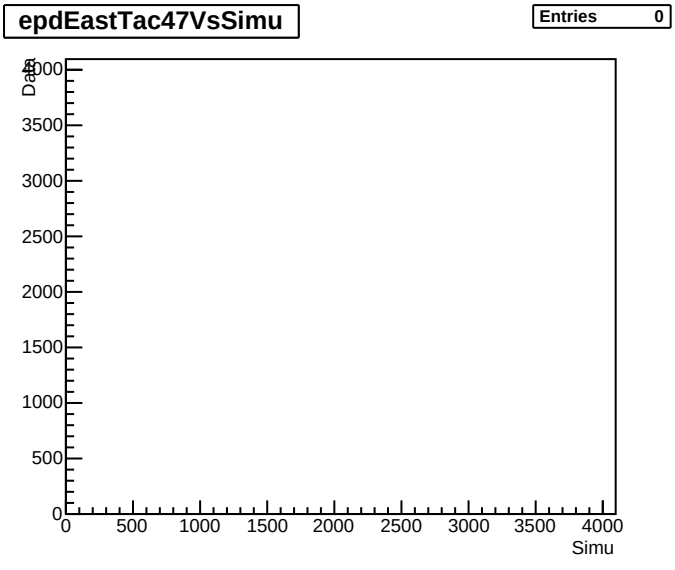
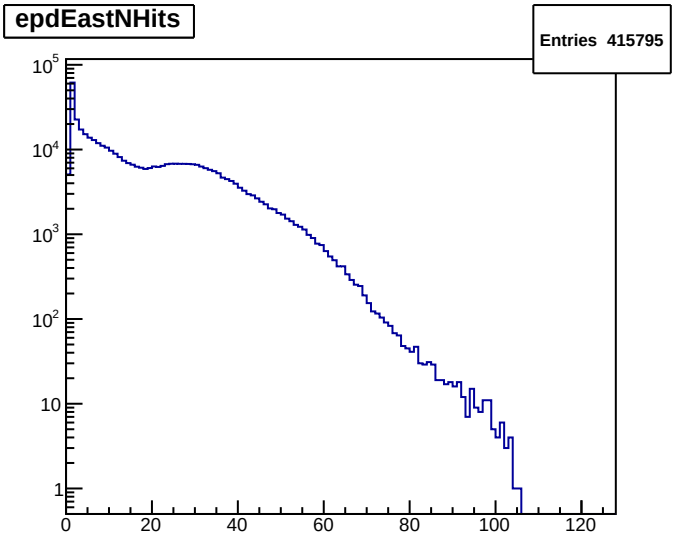
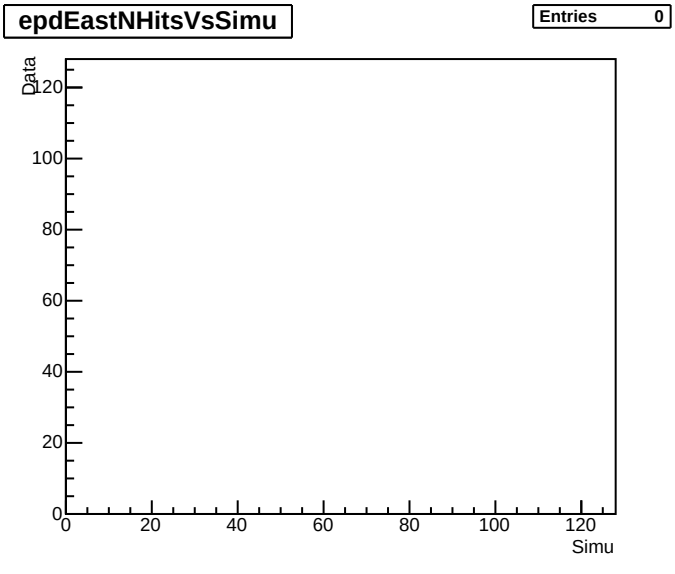
Entries 0
Data
Simu


epdEastTac47
Entries 415795


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 415795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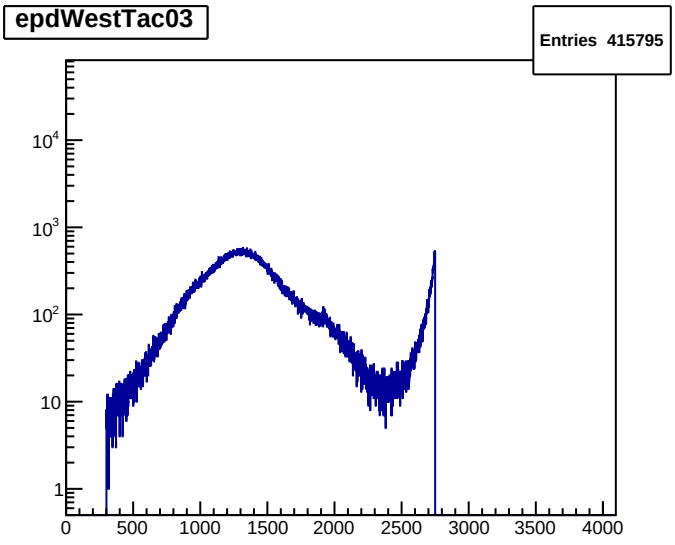
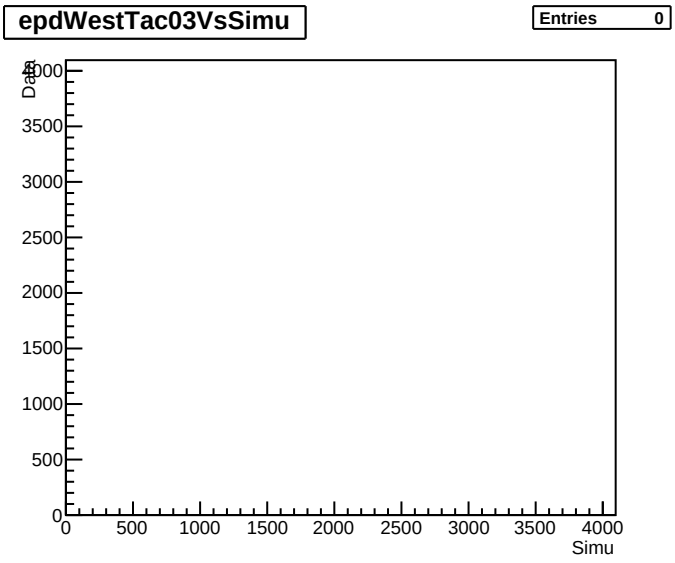
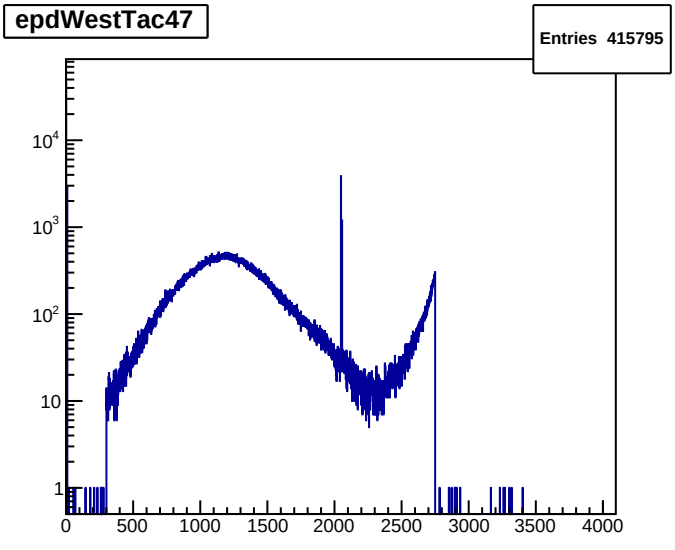
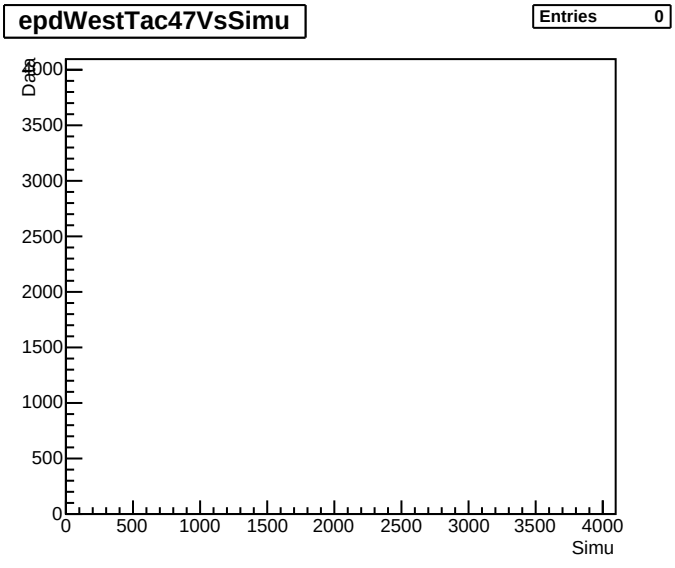
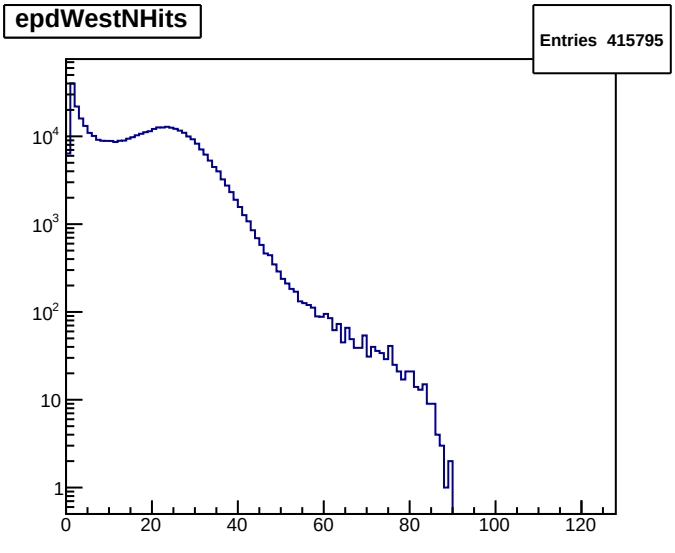
Entries 0
Data
Simu

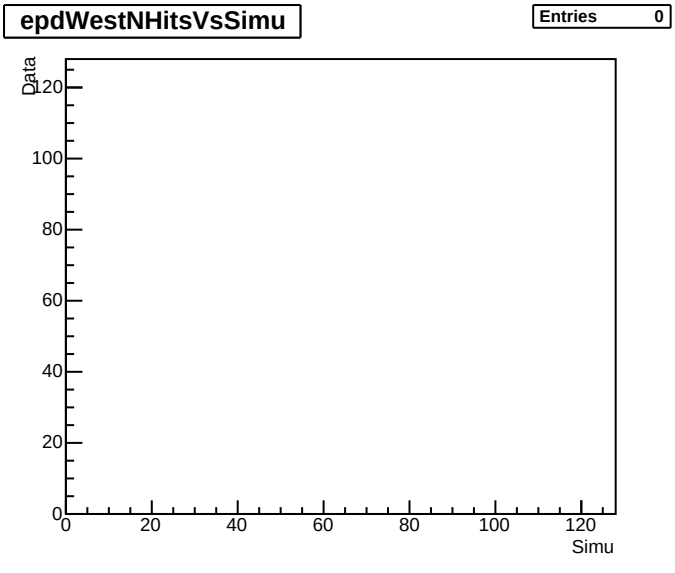

epdWestTac03
Entries 415795

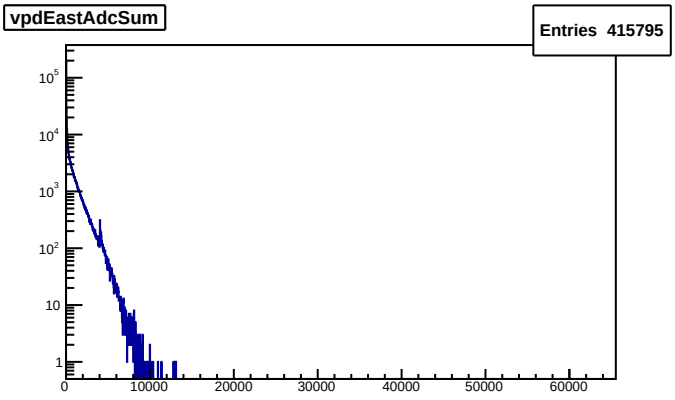

epdWestTac03VsSimu
Entries 0
Data
Simu

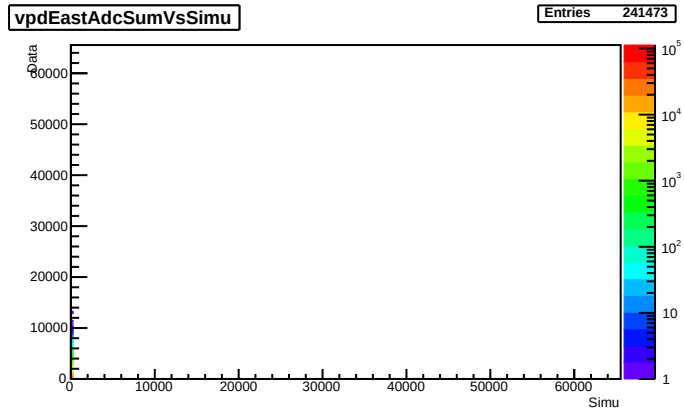

epdWestTac47
Entries 415795

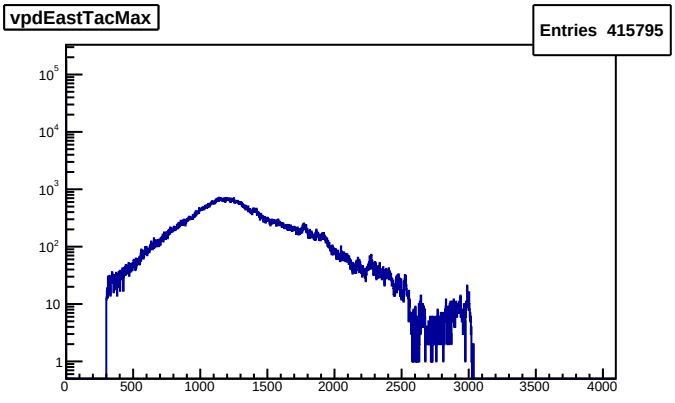

epdWestTac47VsSimu
Entries 0
Data
Simu

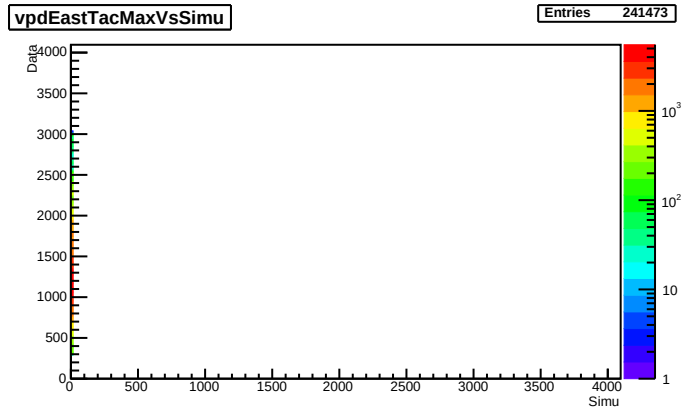

epdWestNHits
Entries 415795

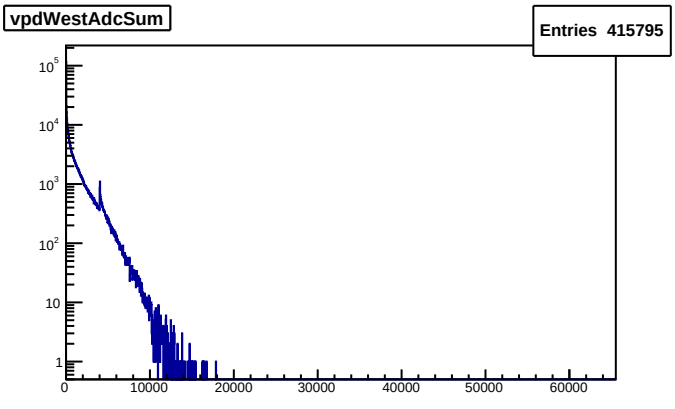

epdWestNHitsVsSimu
Entries 0
Data
Simu

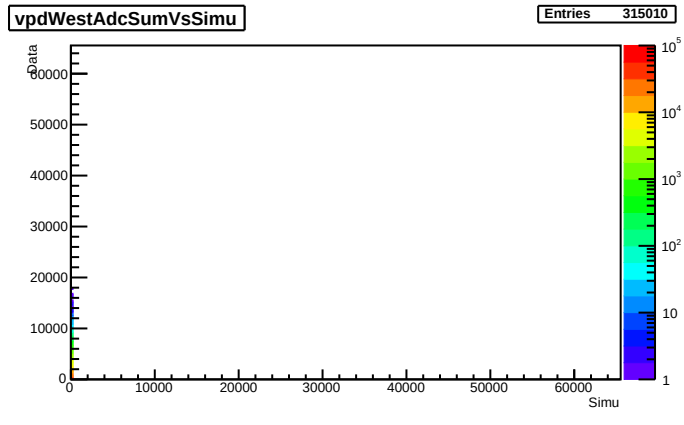

vpdEastAdcSum
Entries 415795

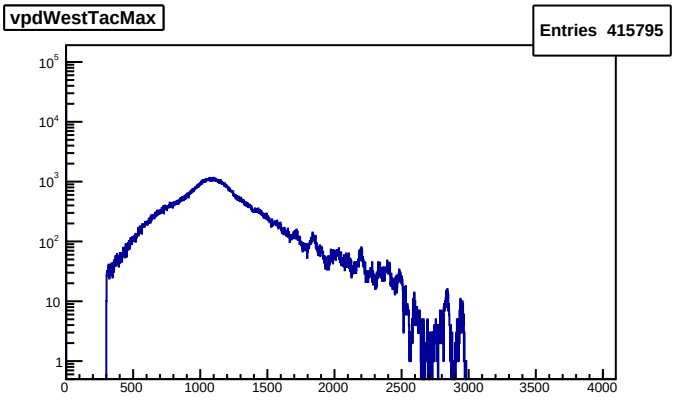

vpdEastAdcSumVsSimu
Entries 241473
Data
Simu

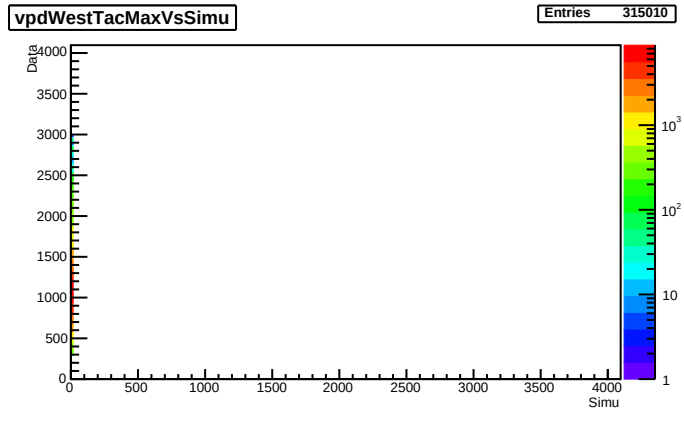

vpdEastTacMax
Entries 415795

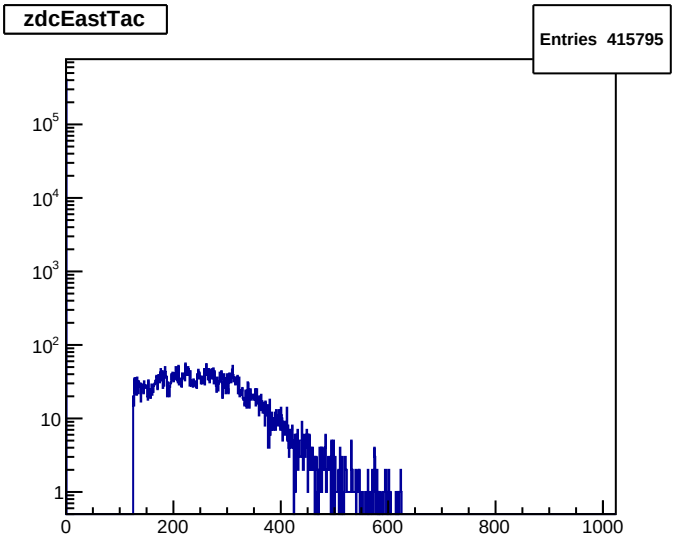

vpdEastTacMaxVsSimu
Entries 241473
Data
Simu

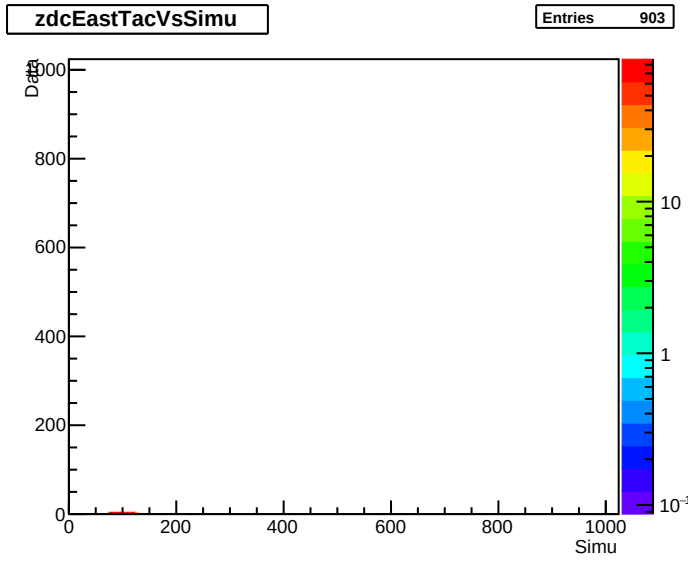

vpdWestAdcSum
Entries 415795

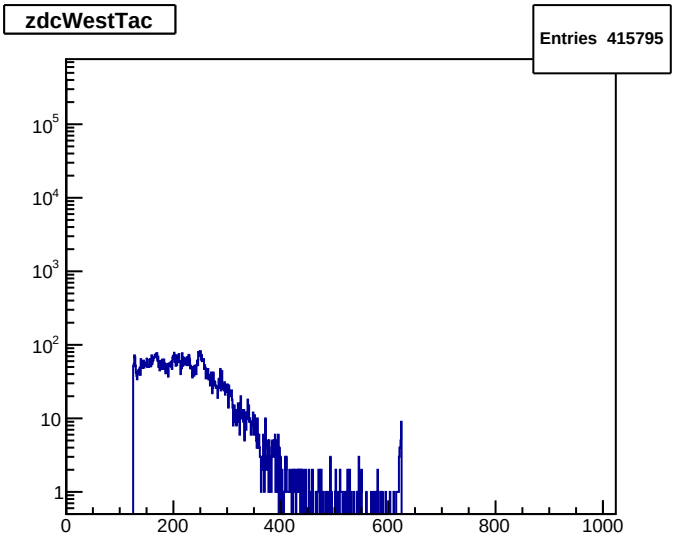

vpdWestAdcSumVsSimu
Entries 315010
Data
Simu

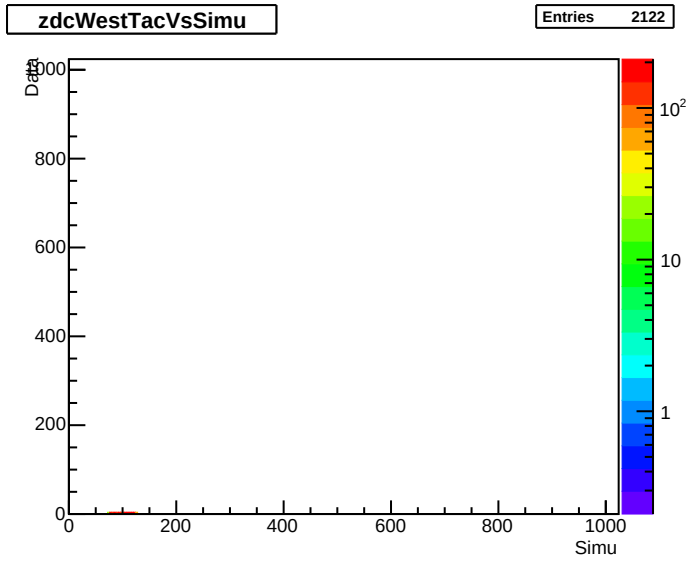

vpdWestTacMax
Entries 415795

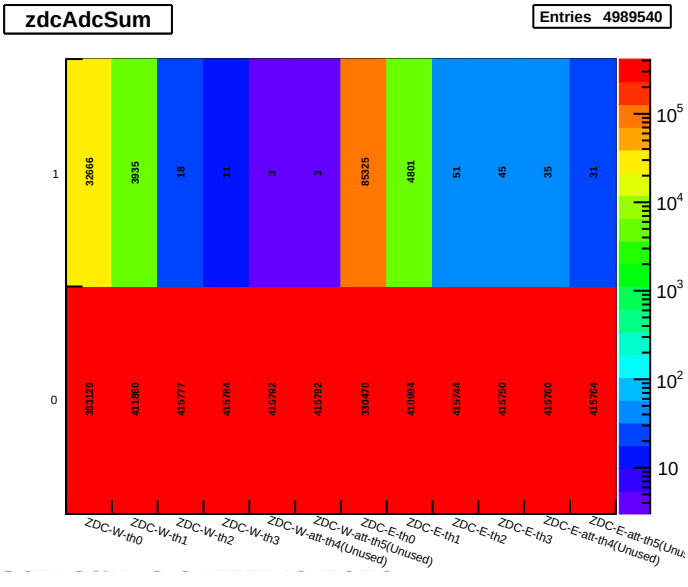

vpdWestTacMaxVsSimu
Entries 315010
Data
Simu

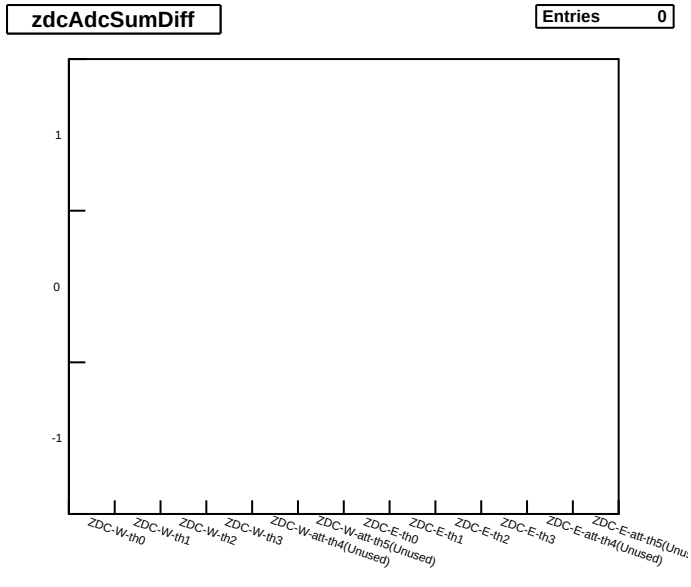

zdcEastTac
Entries 415795

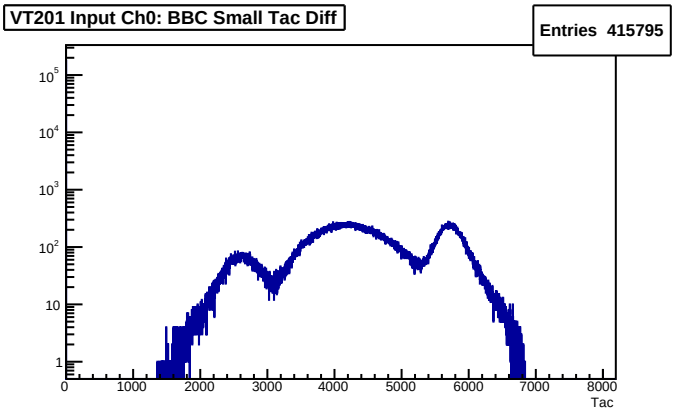

zdcEastTacVsSimu
Entries 903
Data
Simu

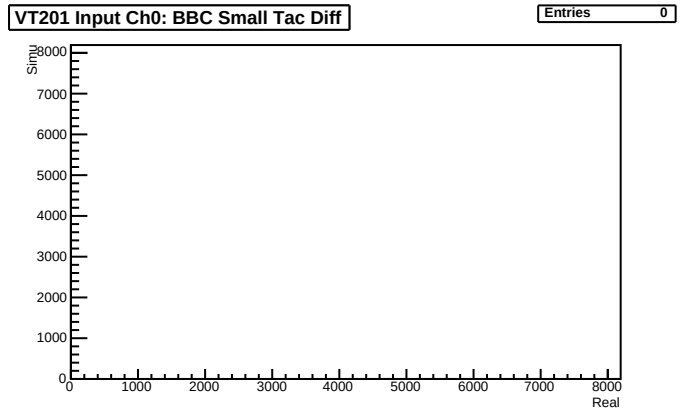

zdcWestTac
Entries 415795

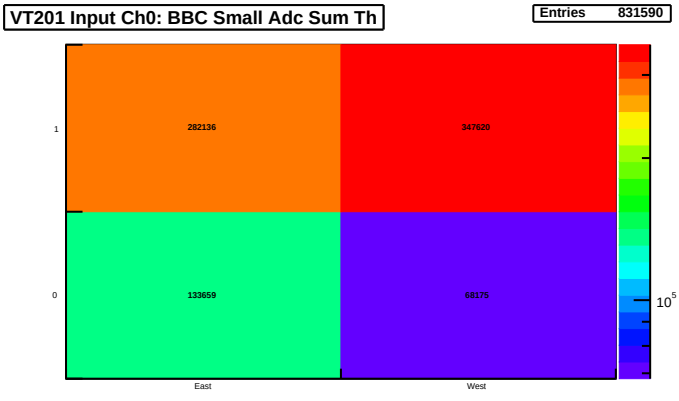

zdcWestTacVsSimu
Entries 2122
Data
Simu

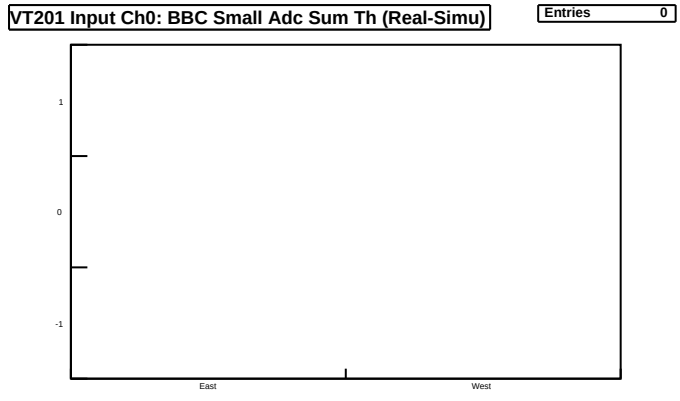

zdcAdcSum
Entries 4989540
32666
3935
18
11
3
3
85325
4801
51
45
35
31
383129
411860
415777
415784
415792
415792
330470
410994
415744
415750
415760
415764
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

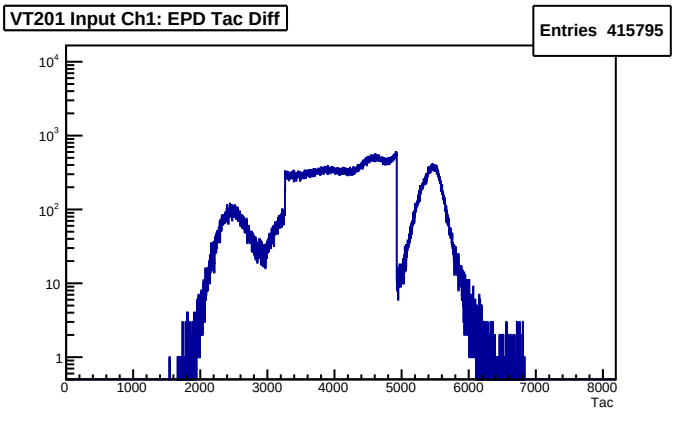

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

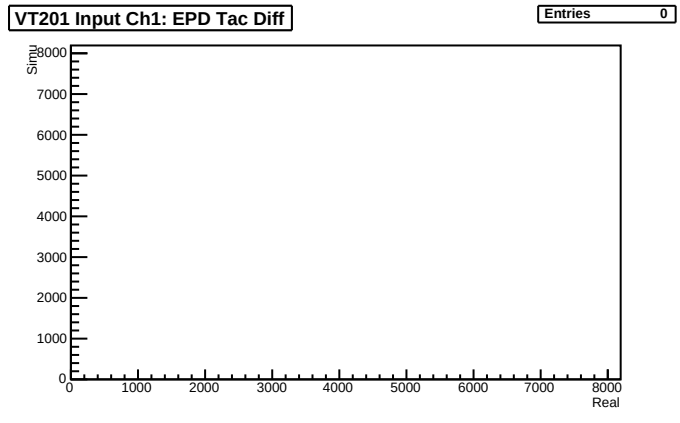

VT201 Input Ch0: BBC Small Tac Diff
Entries 415795
Tac

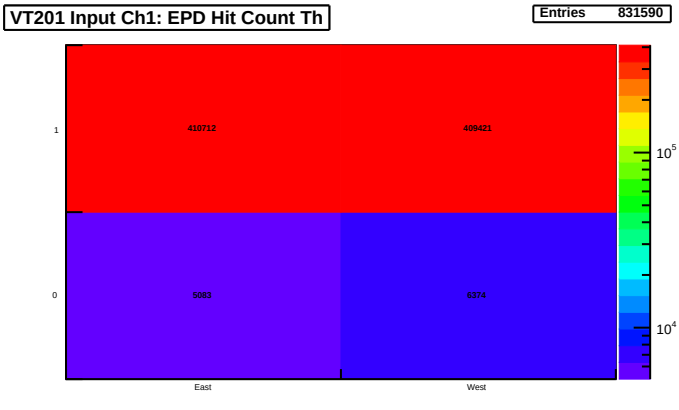

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

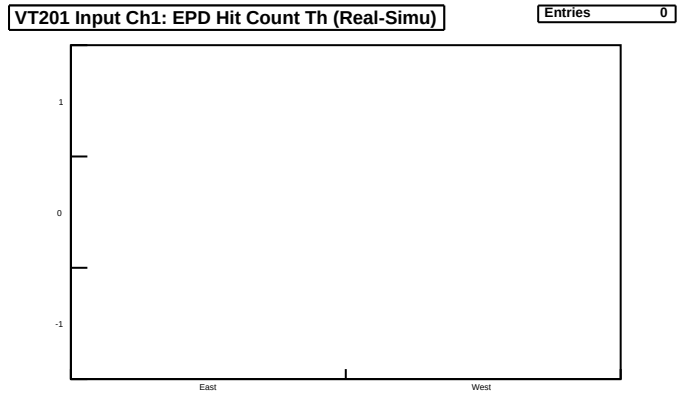

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 831590
282136
347620
133659
68175
East
West

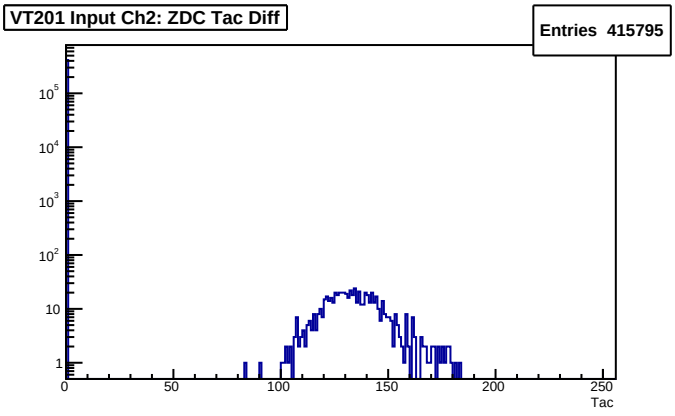

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

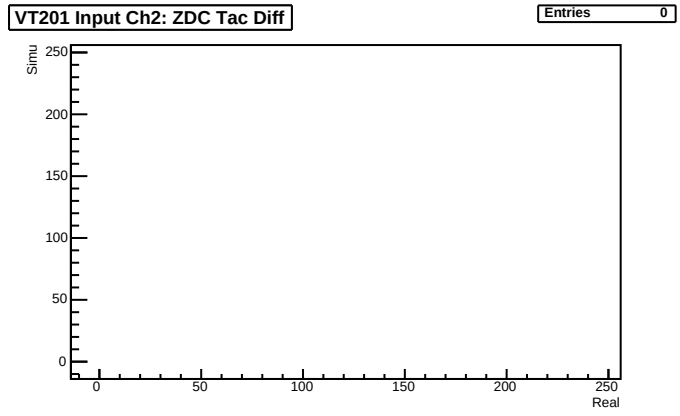

VT201 Input Ch1: EPD Tac Diff
Entries 415795
Tac

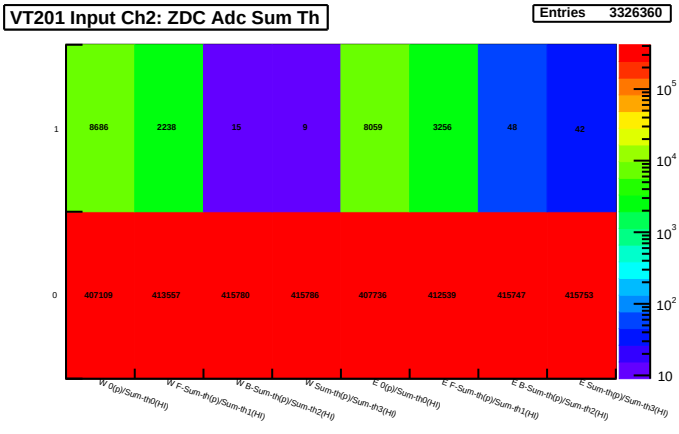

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

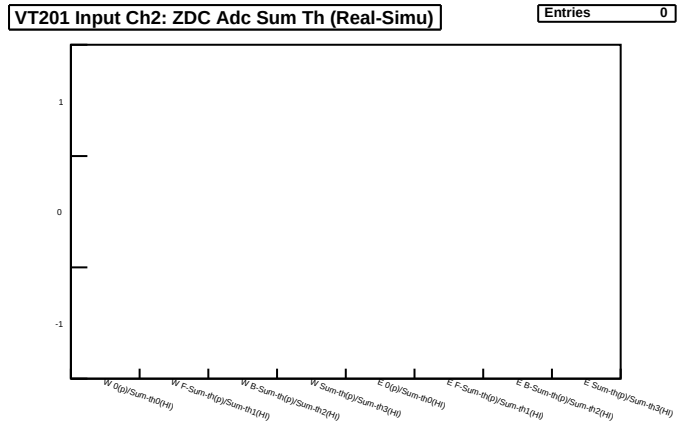

VT201 Input Ch1: EPD Hit Count Th
Entries 831590
410712
409421
5083
6374
East
West

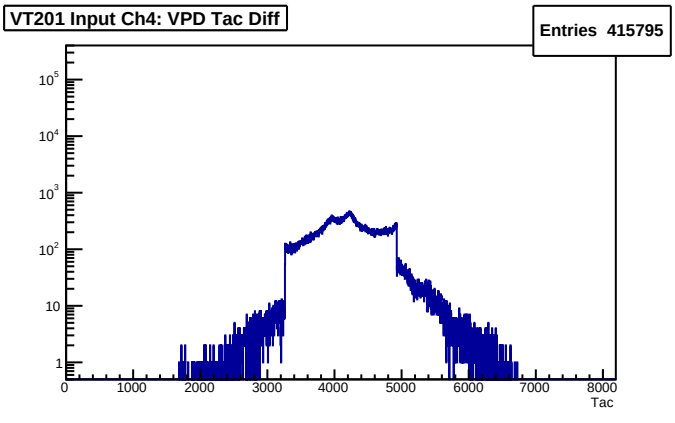

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

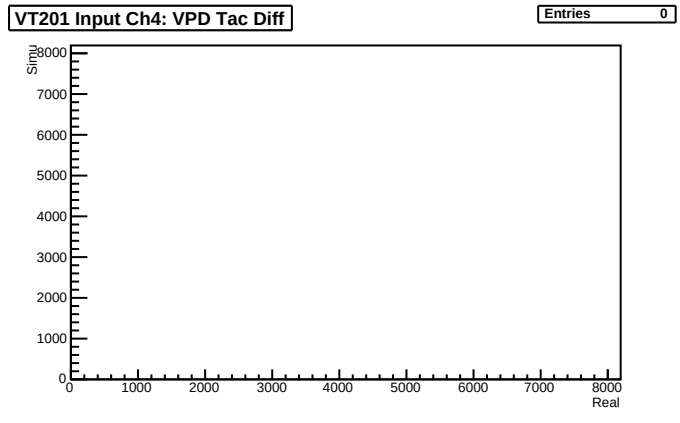

VT201 Input Ch2: ZDC Tac Diff
Entries 415795
Tac

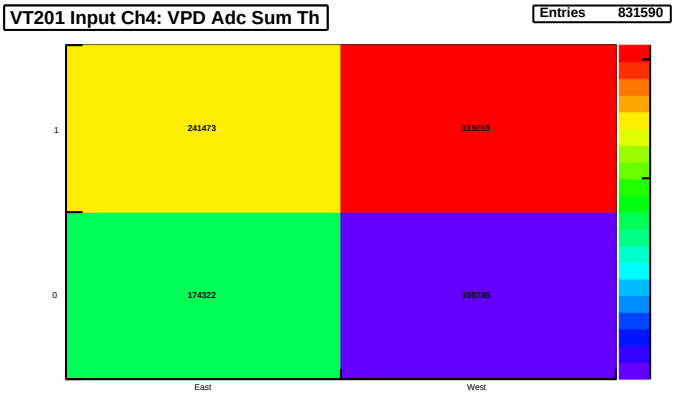

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

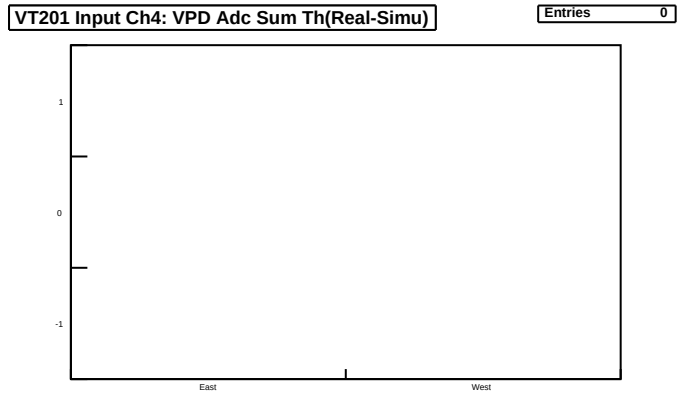

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3326360
8686
2238
15
9
8059
3256
48
42
407109
413557
415780
415786
407736
412539
415747
415753
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

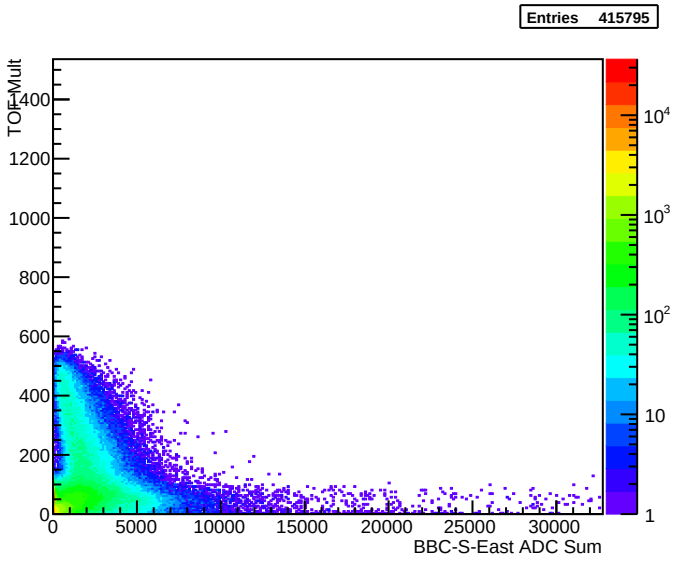

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

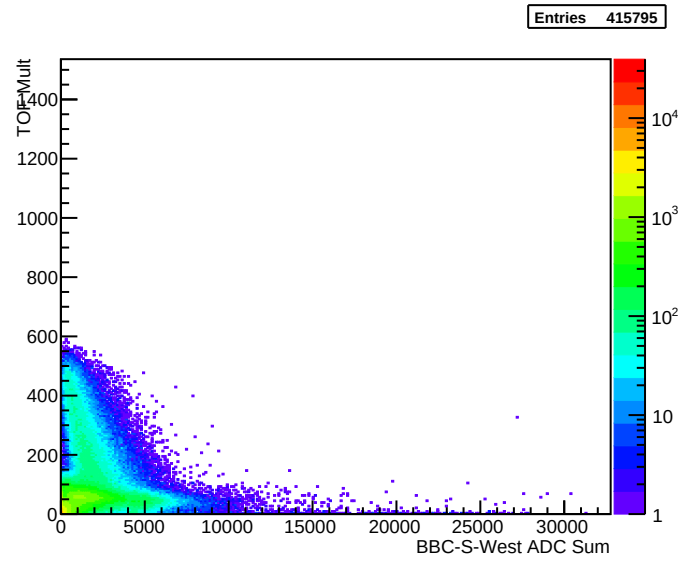

VT201 Input Ch4: VPD Tac Diff
Entries 415795
Tac

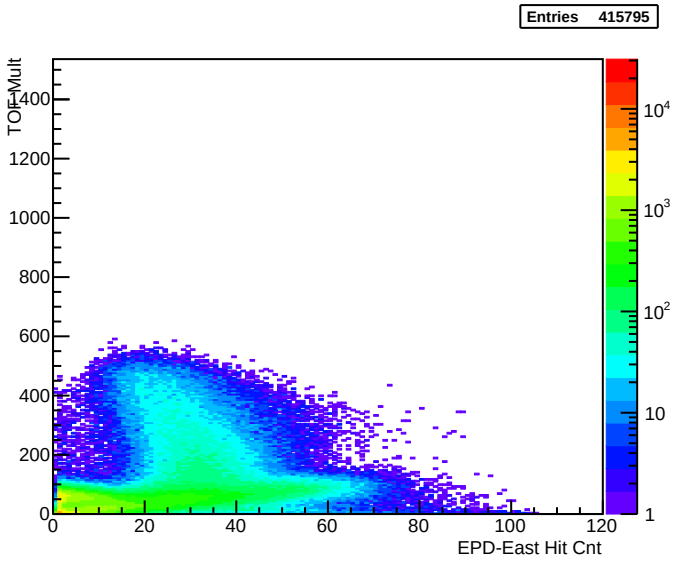

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

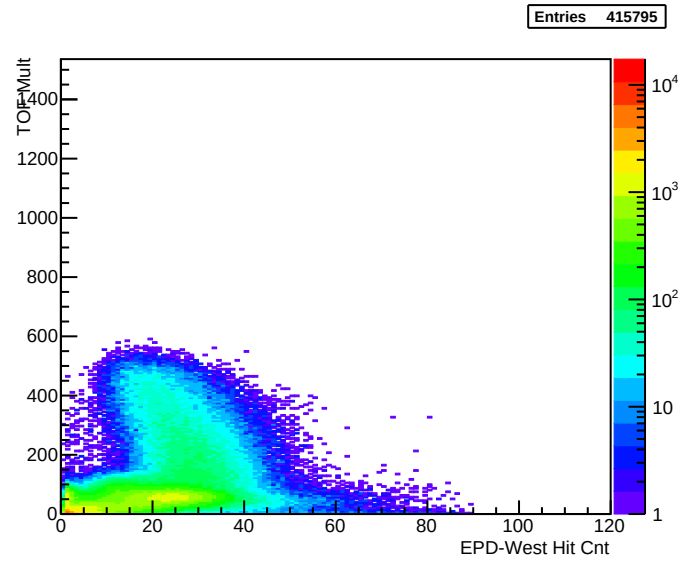

VT201 Input Ch4: VPD Adc Sum Th
Entries 831590
241473
315010
174322
100785
East
West

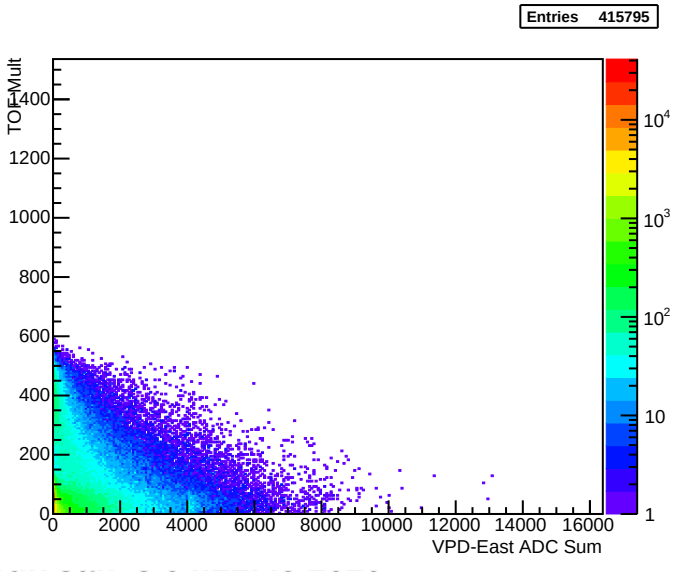

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

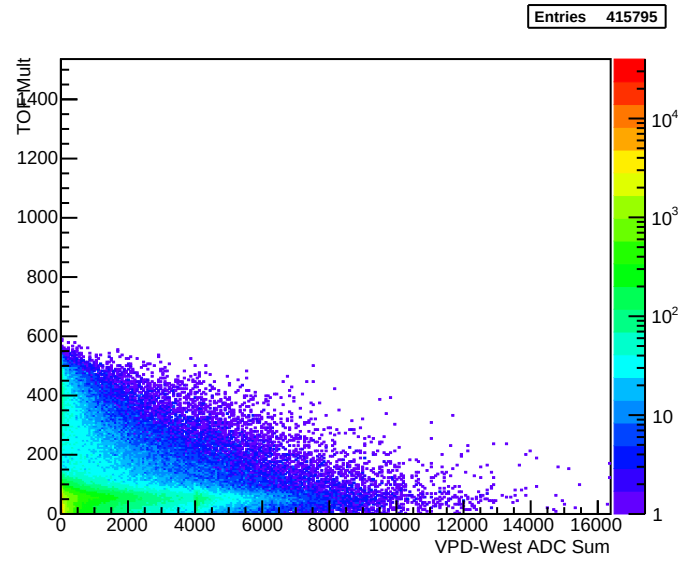

Entries 415795
TOF-Mult
BBC-S-East ADC Sum

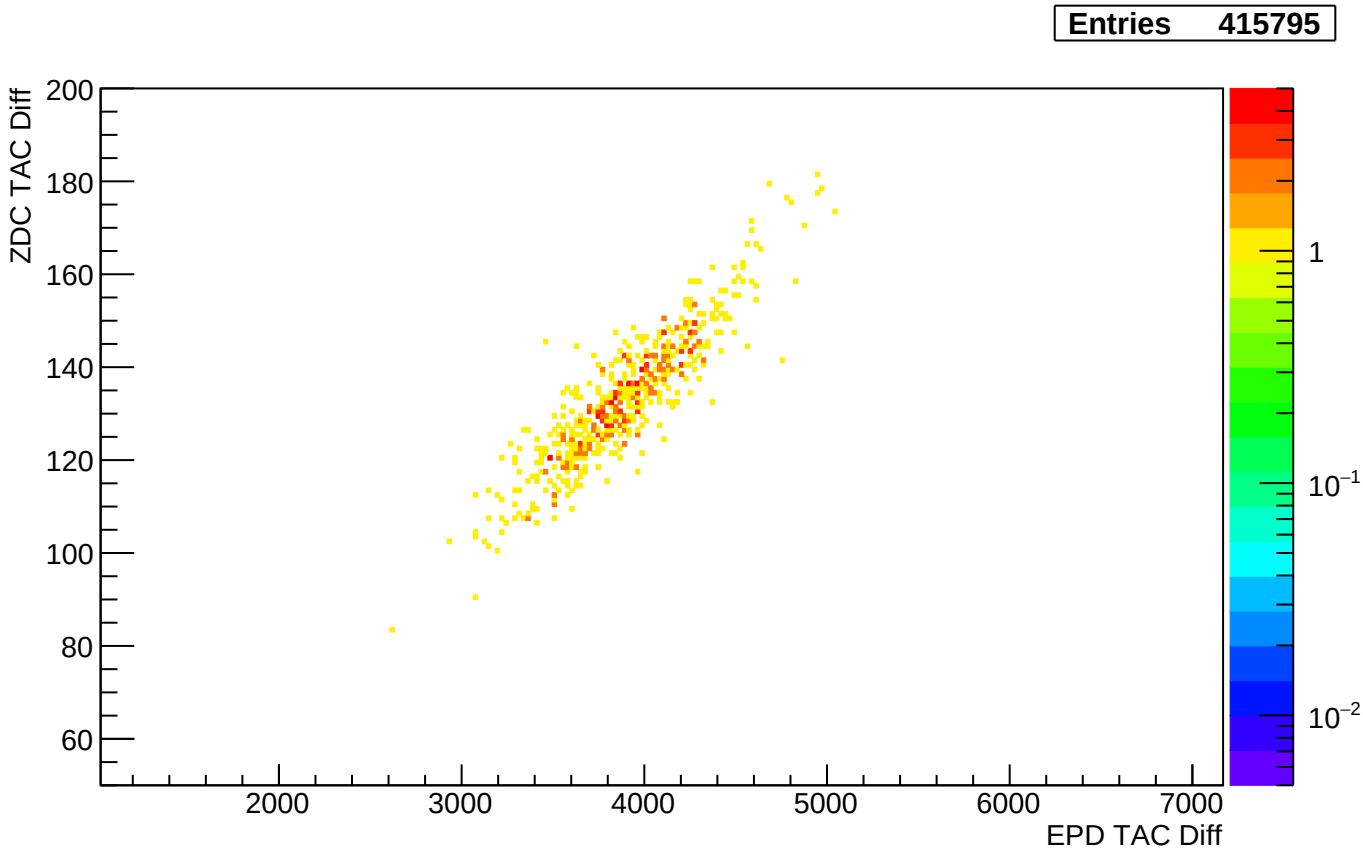

Entries 415795
TOF-Mult
BBC-S-West ADC Sum

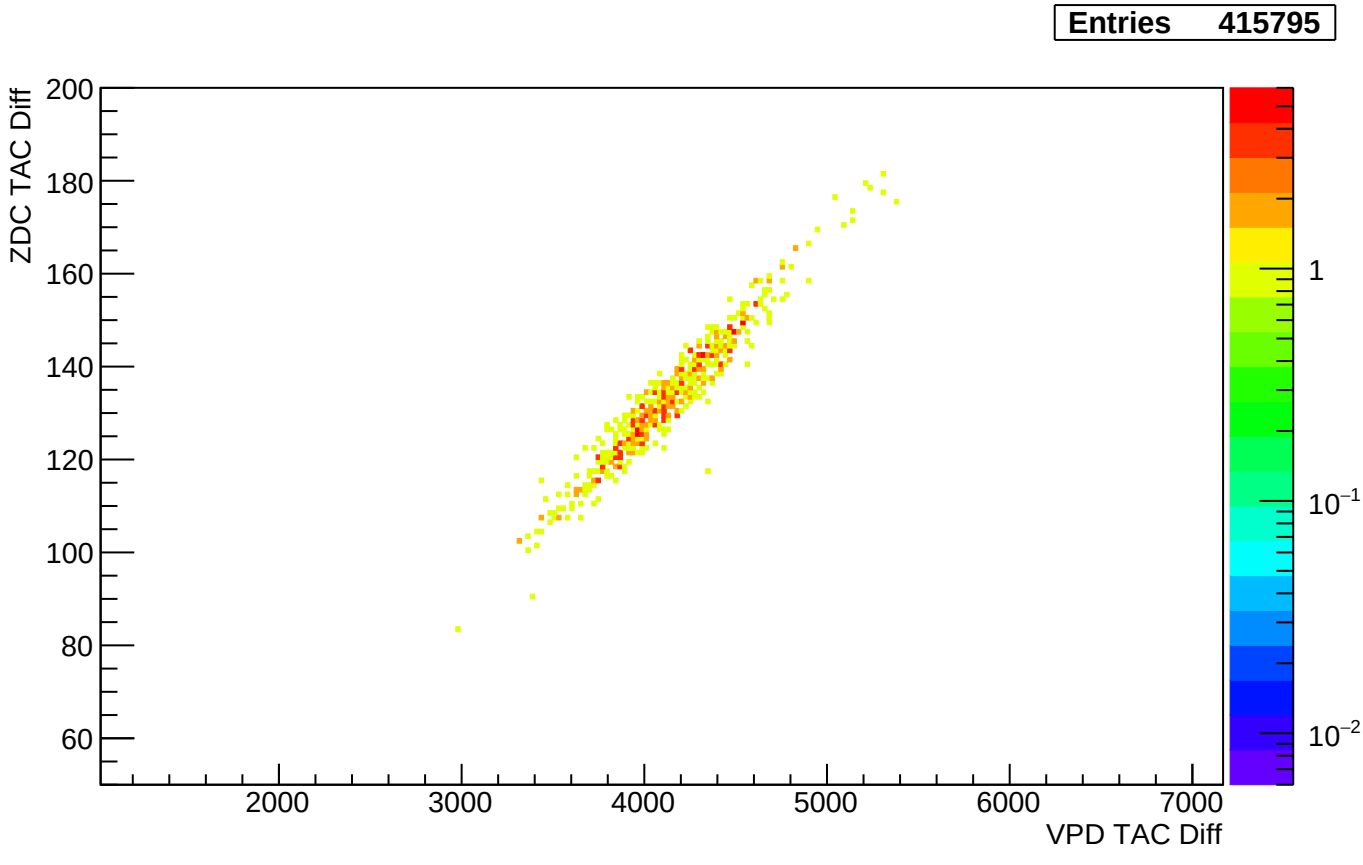

Entries 415795
TOF-Mult
EPD-East Hit Cnt

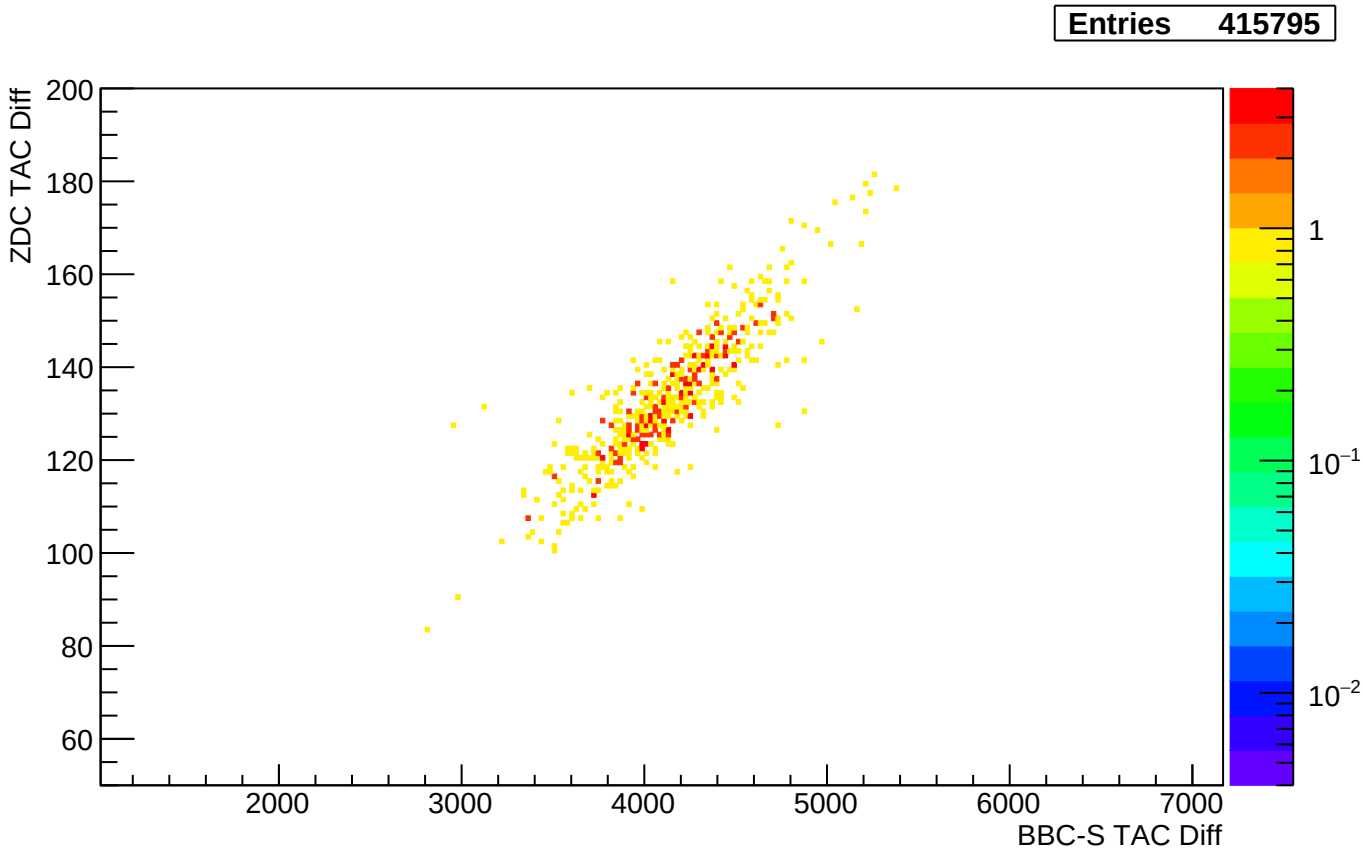

Entries 415795
TOF-Mult
EPD-West Hit Cnt

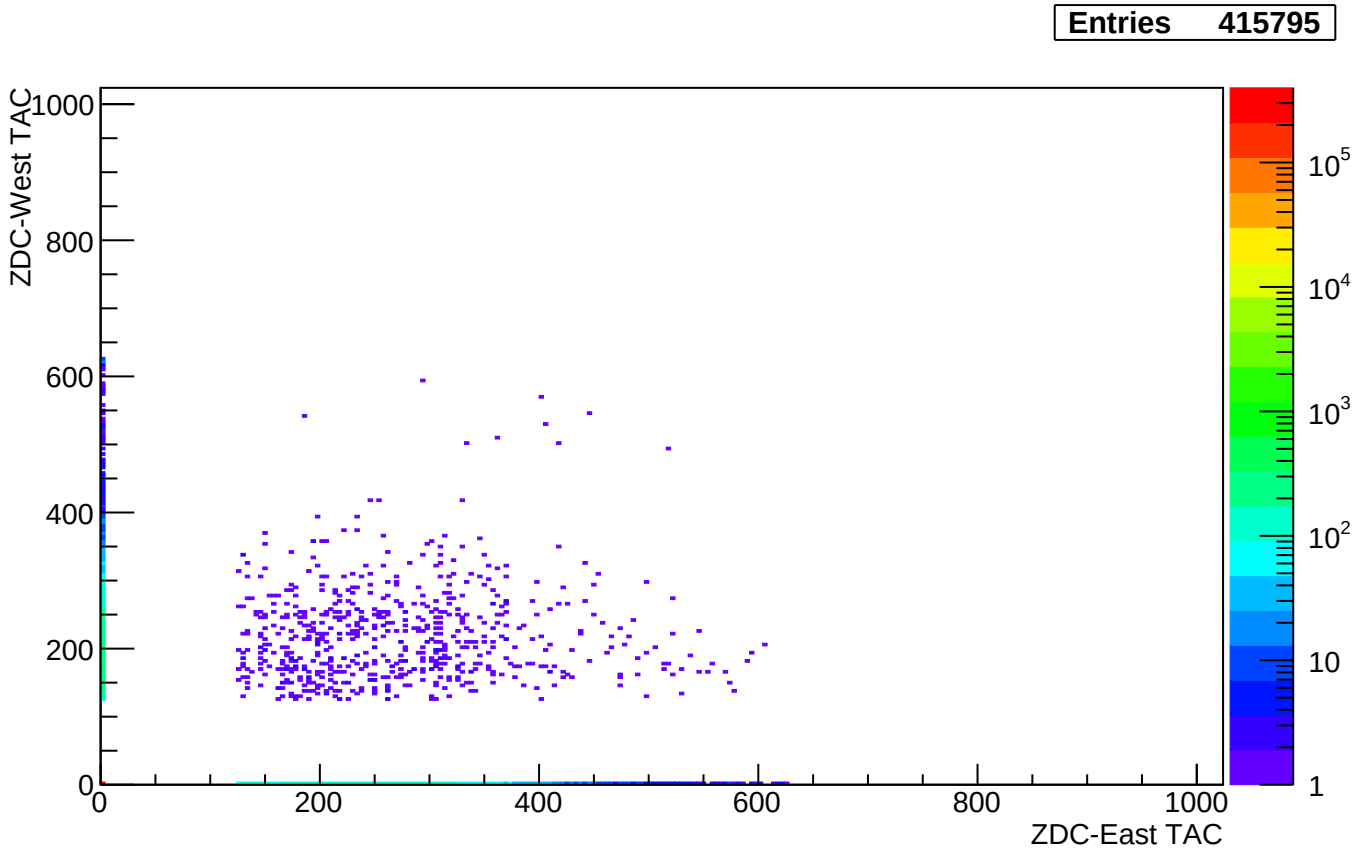

Entries 415795
TOF-Mult
VPD-East ADC Sum

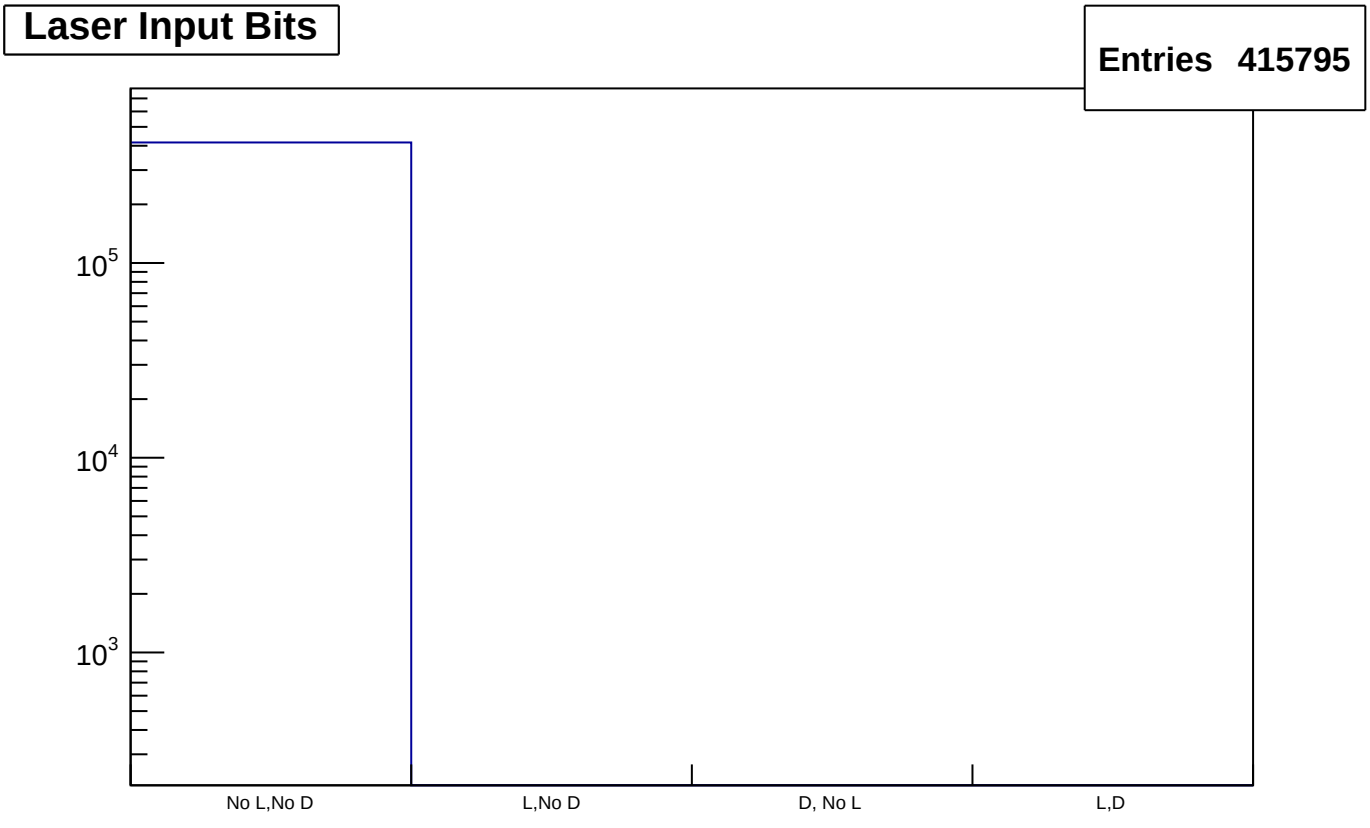

Entries 415795
TOF-Mult
VPD-West ADC Sum

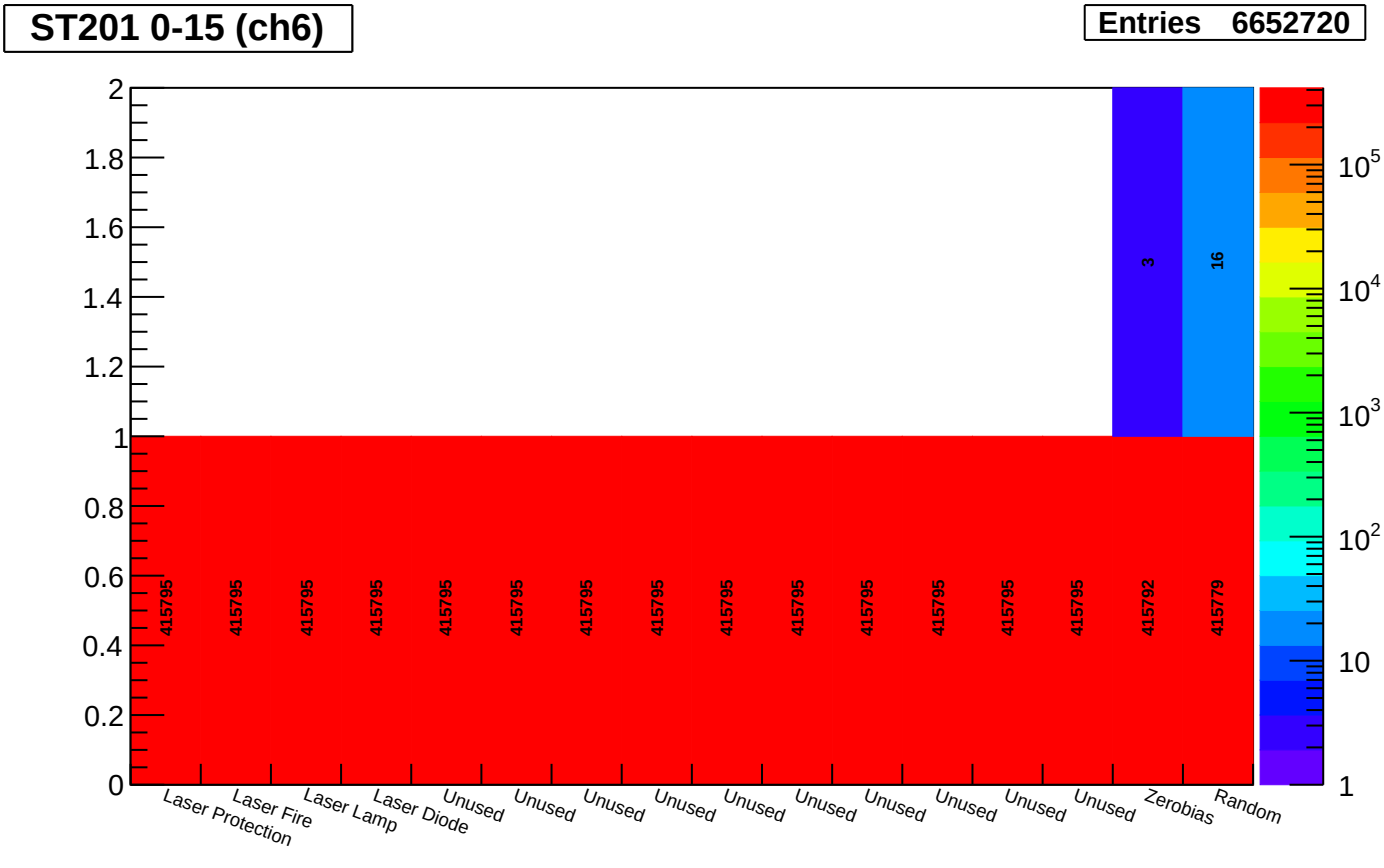

Entries 415795
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

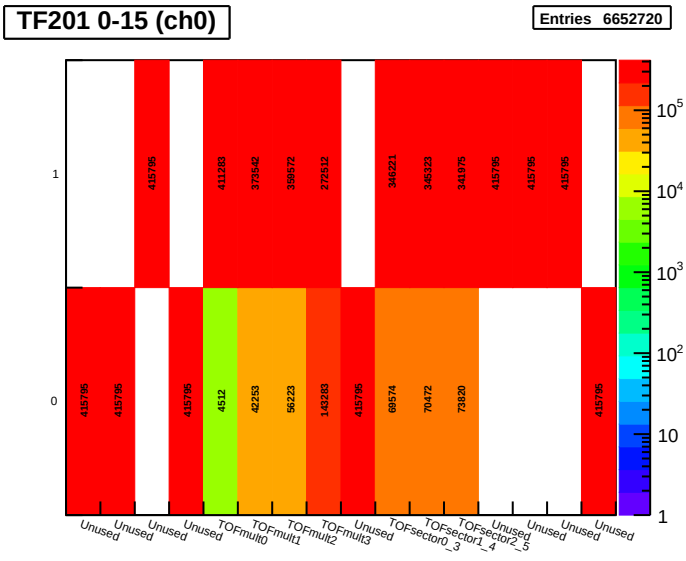

Entries 415795
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

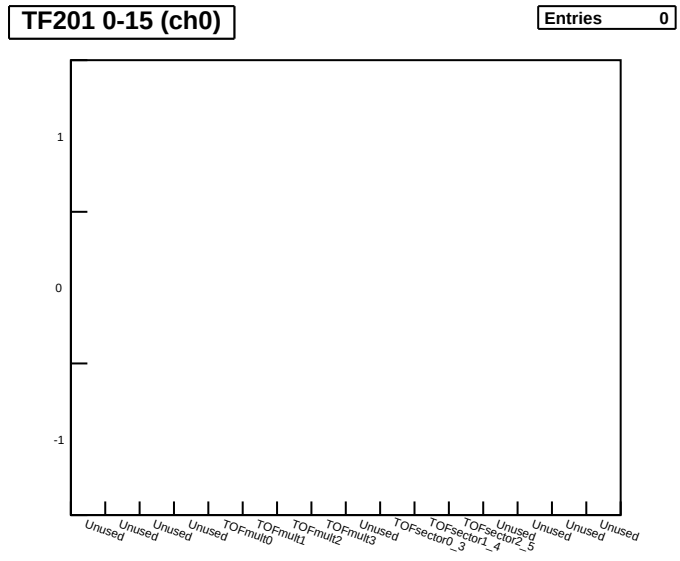

Entries 415795
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

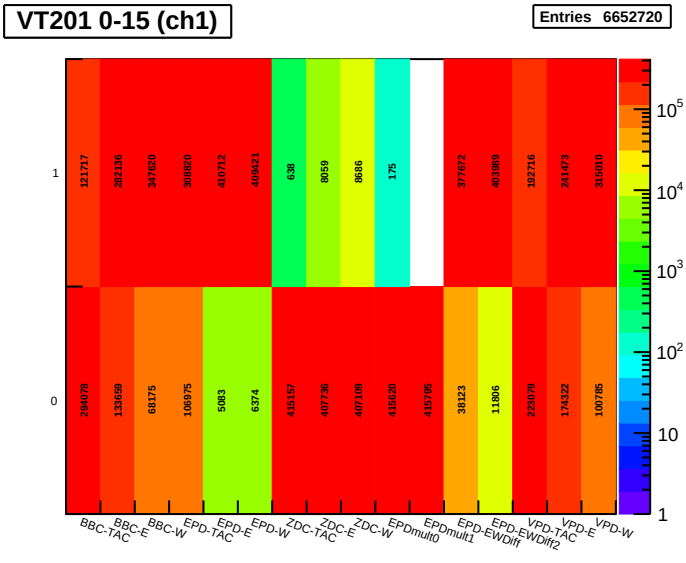

Entries 415795
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

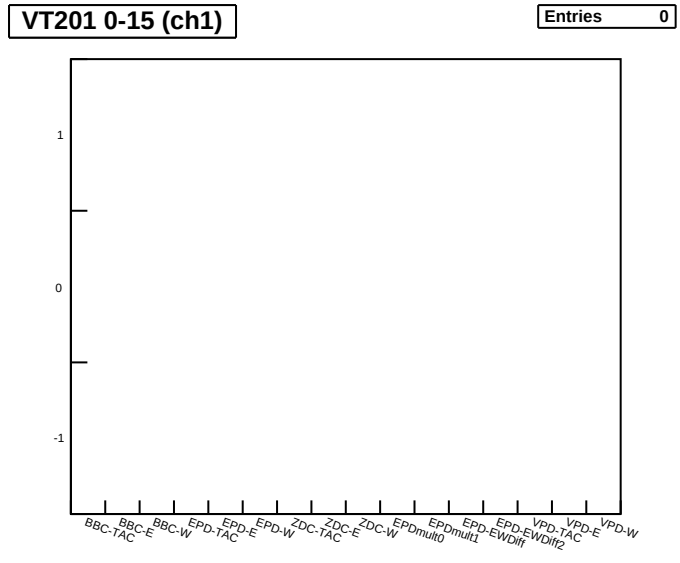

Laser Input Bits
Entries 415795
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

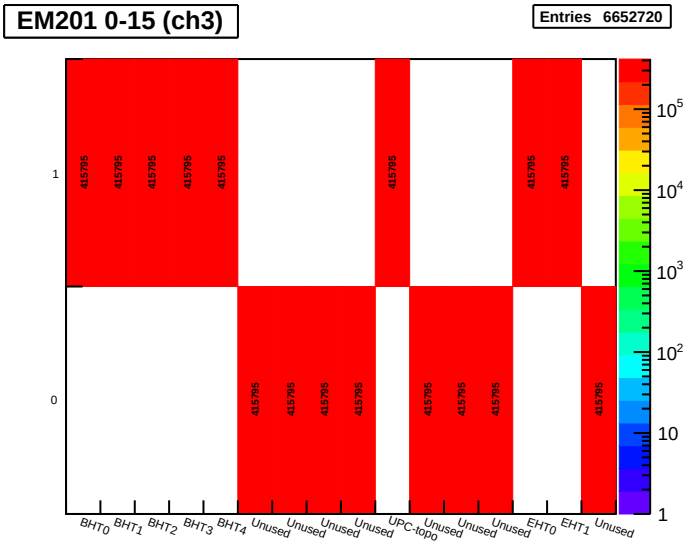

ST201 0-15 (ch6)
Entries 6652720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
415795
415795
415795
415795
415795
415795
415795
415795
415795
415795
415795
415795
415795
415795
415792
415779
3
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

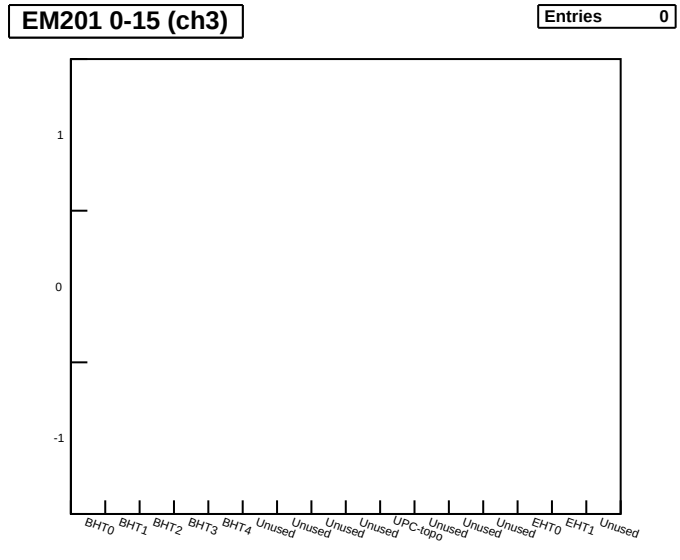

TF201 0-15 (ch0)
Entries 6652720
1
0
415795 411283 373542 339572 272512 346221 345323 341975 415795 415795 415795
415795 415795 415795 4512 42253 56223 143283 415795 69574 70472 73820 415795
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 6652720
1
0
121717 282136 347620 308820 410712 409421 638 8059 8686 175 377672 403989 192716 241473 315010
294078 133659 68175 106975 5083 6374 415157 407736 407109 415620 415795 38123 11806 223079 174322 100785
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 6652720
1
0
415795 415795 415795 415795 415795 415795 415795 415795
415795 415795 415795 415795 415795 415795 415795 415795
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