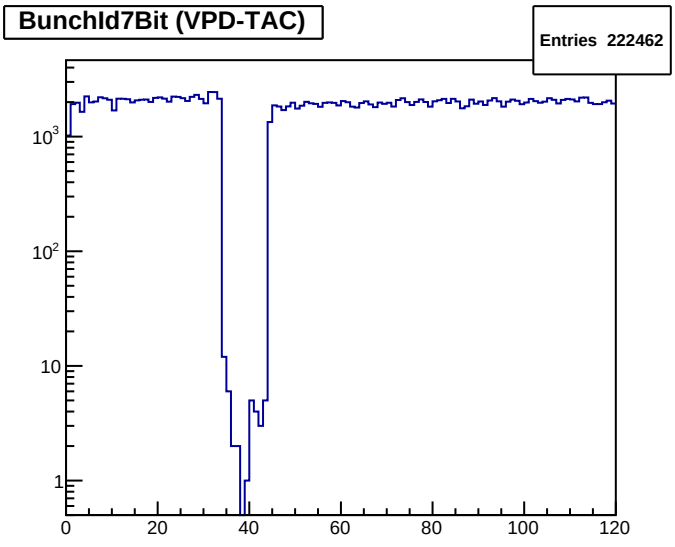
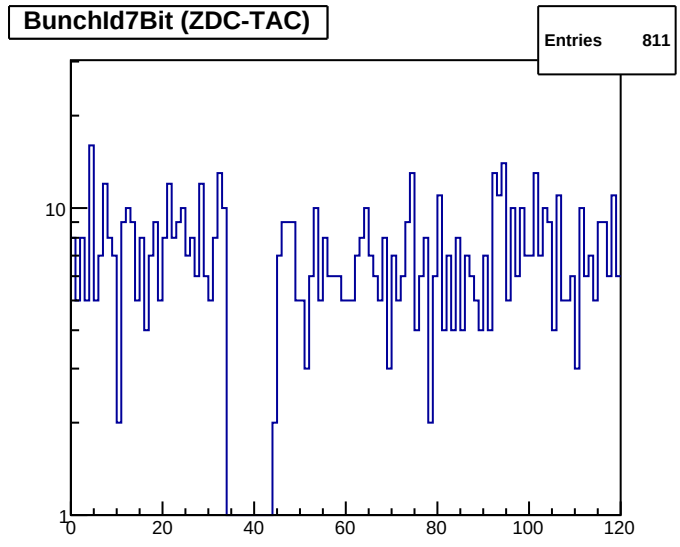
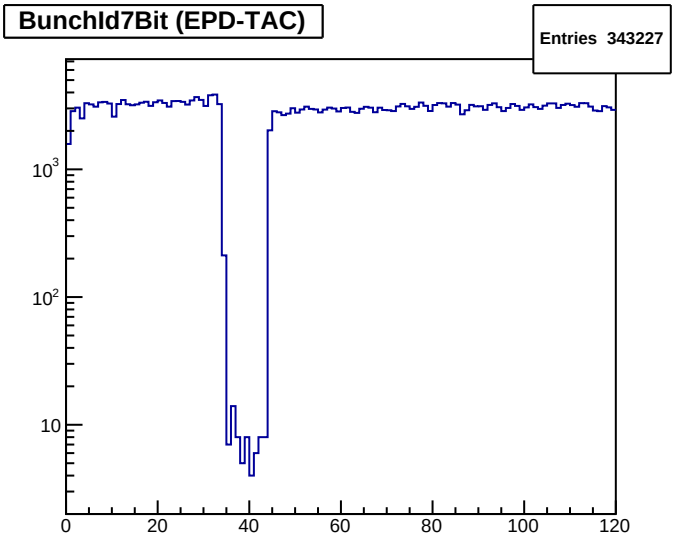
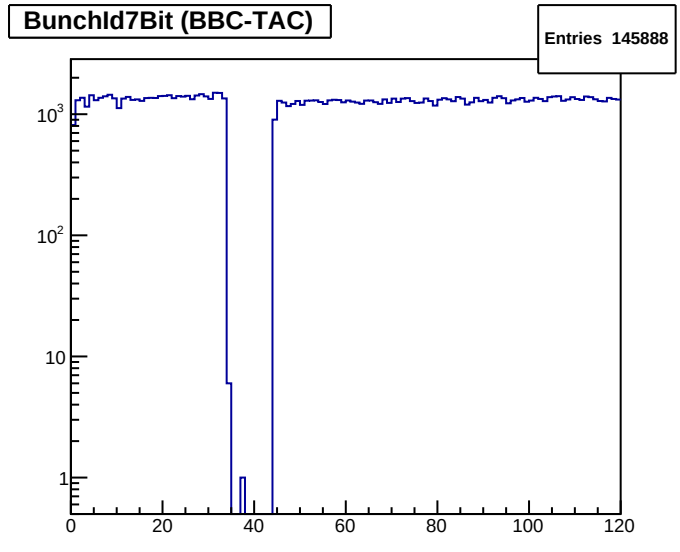
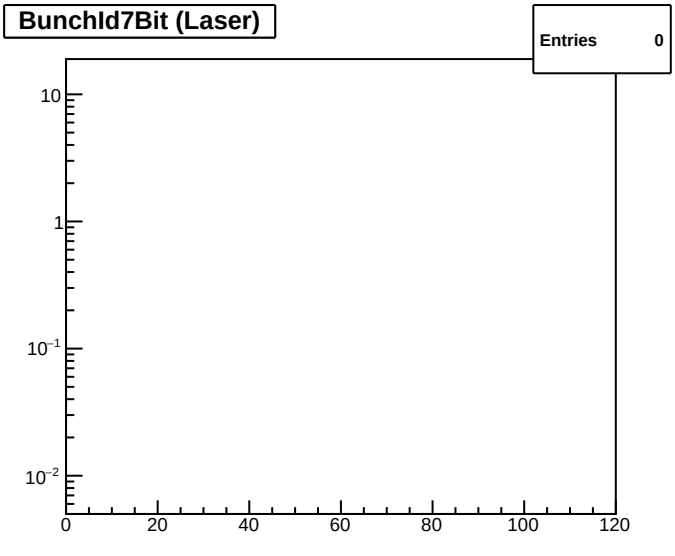
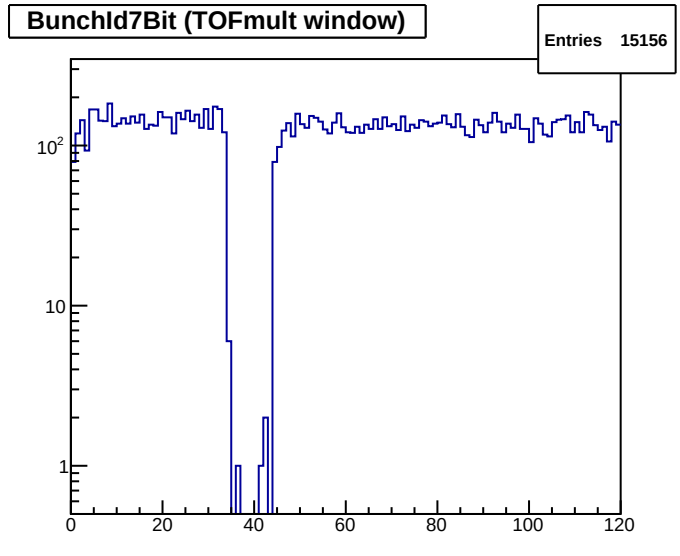

BunchId7Bit (VPD-TAC)
Entries 222462

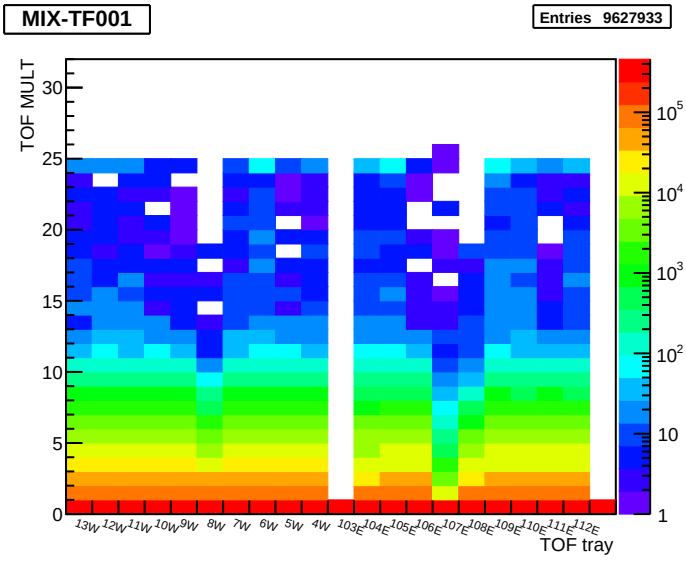

BunchId7Bit (ZDC-TAC)
Entries 811

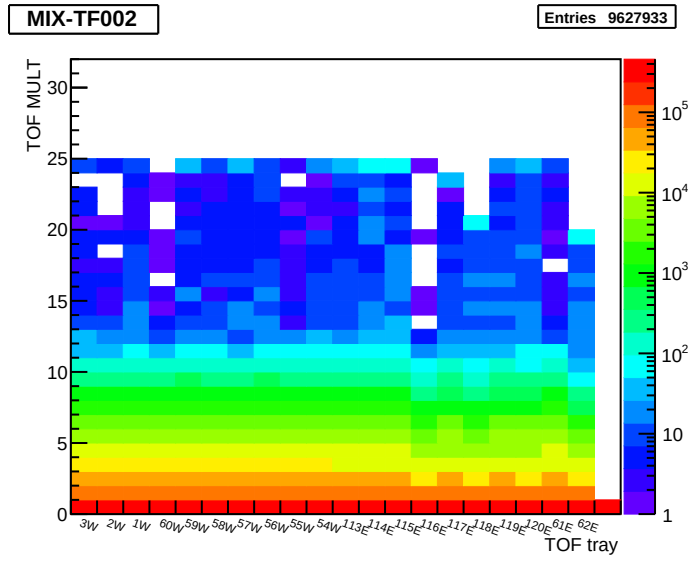

BunchId7Bit (EPD-TAC)
Entries 343227

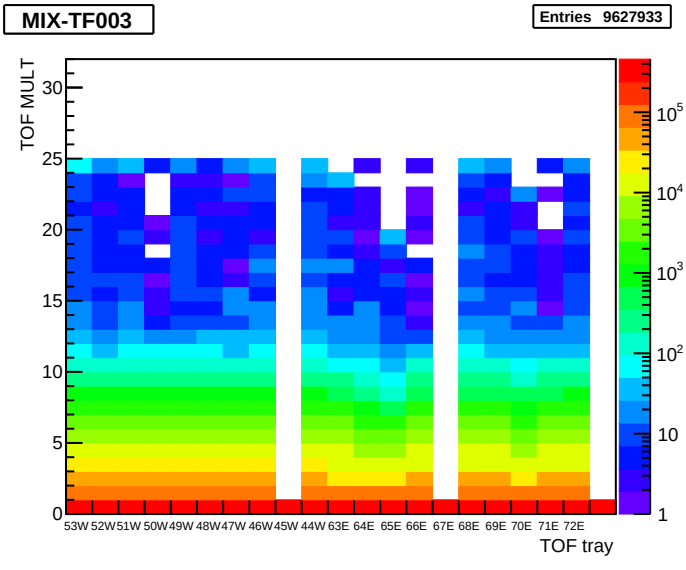

BunchId7Bit (BBC-TAC)
Entries 145888

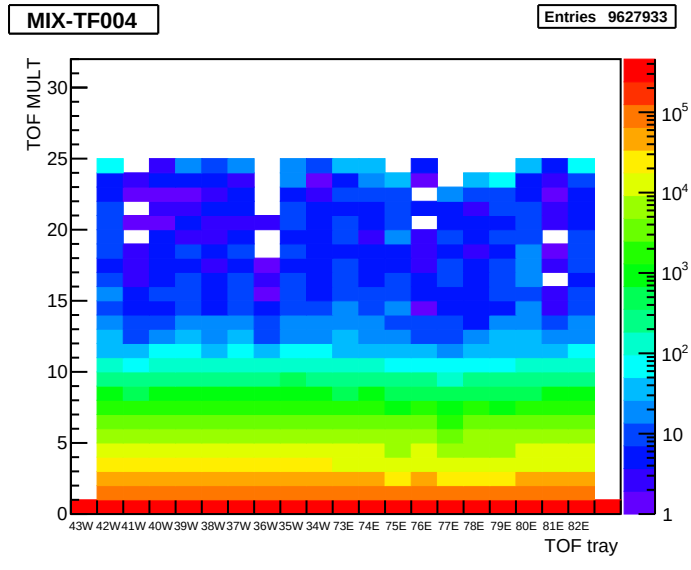

BunchId7Bit (Laser)
Entries 0

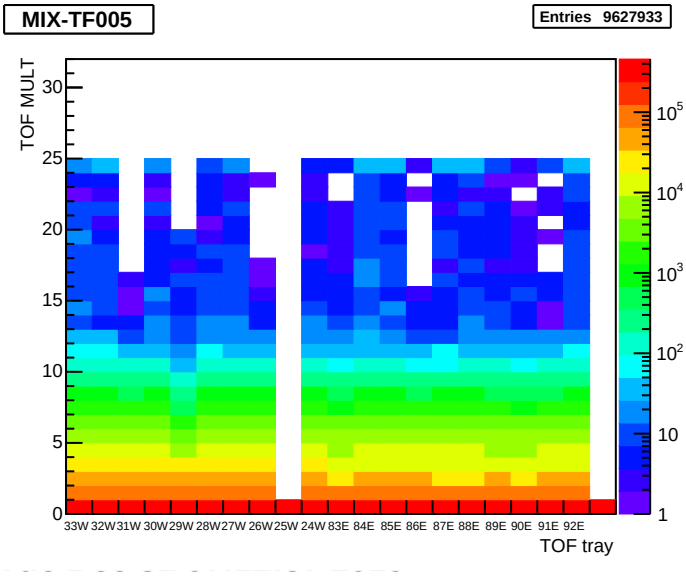

BunchId7Bit (TOFmult window)
Entries 15156

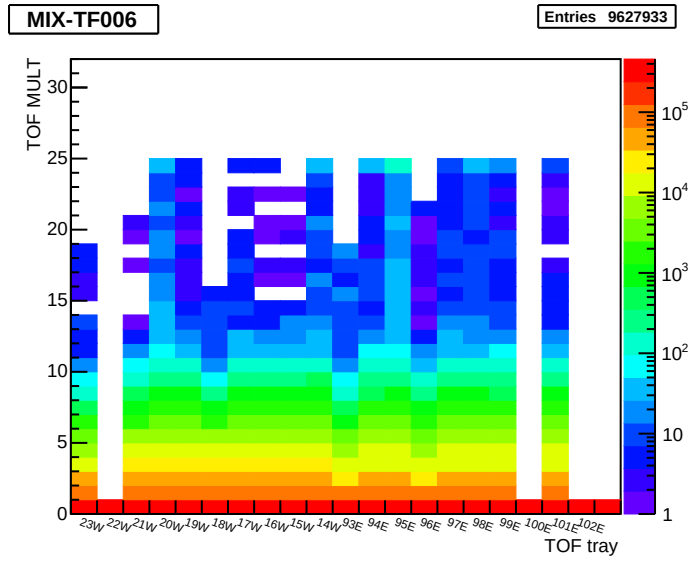

MIX-TF001
Entries 9627933
TOF MULT
TOF tray

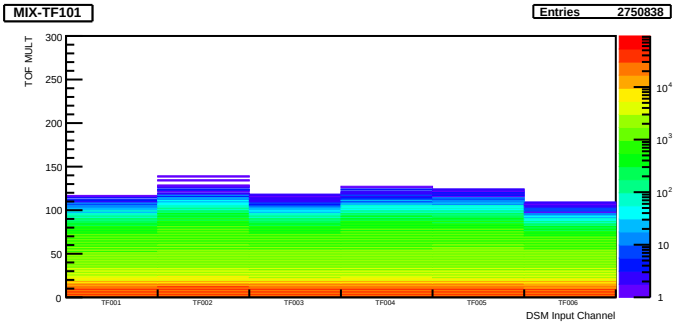

MIX-TF002
Entries 9627933
TOF MULT
TOF tray

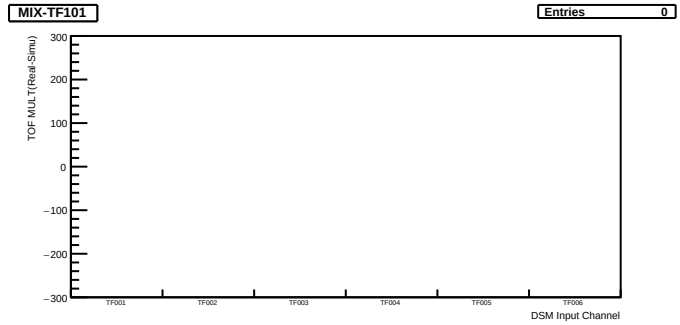

MIX-TF003
Entries 9627933
TOF MULT
TOF tray

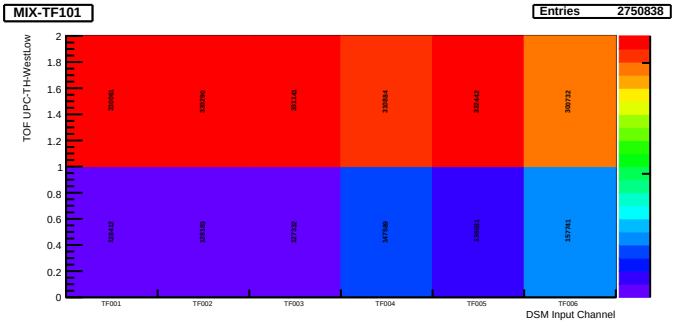

MIX-TF004
Entries 9627933
TOF MULT
TOF tray

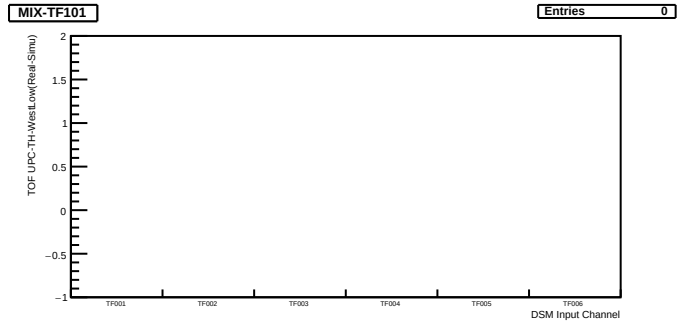

MIX-TF005
Entries 9627933
TOF MULT
TOF tray

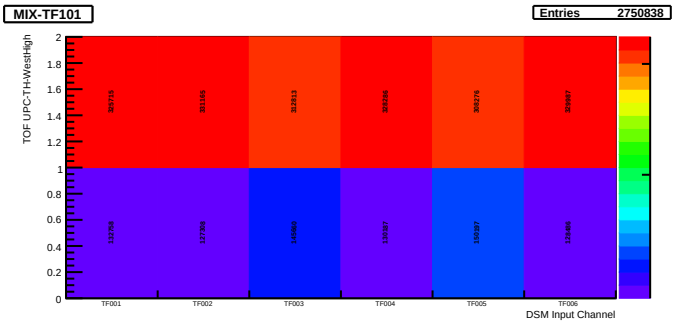

MIX-TF006
Entries 9627933
TOF MULT
TOF tray

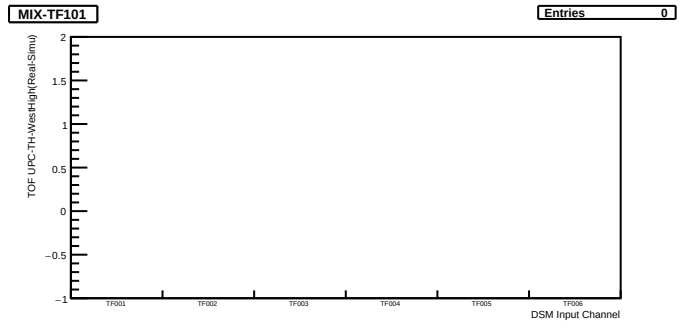

MIX-TF101
Entries 2750838
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

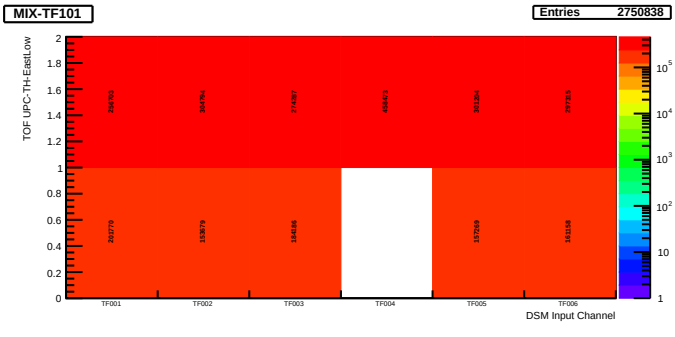

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

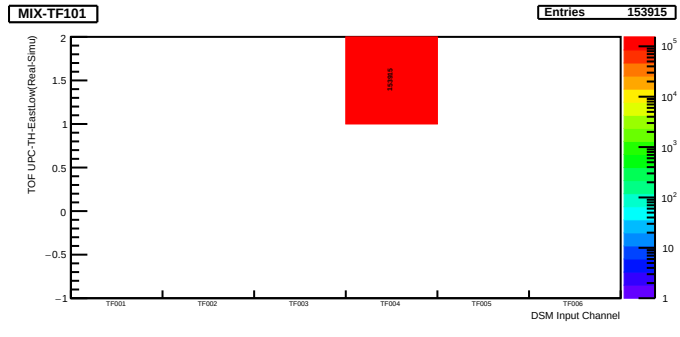

MIX-TF101
Entries 2750838
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

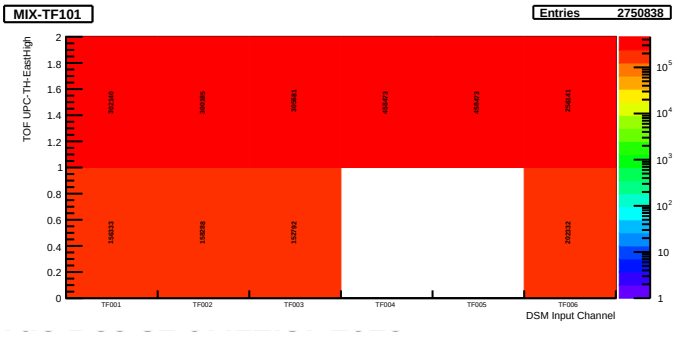

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

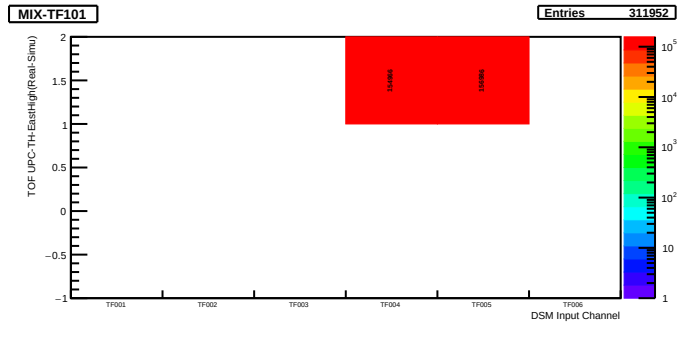

MIX-TF101
Entries 2750838
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

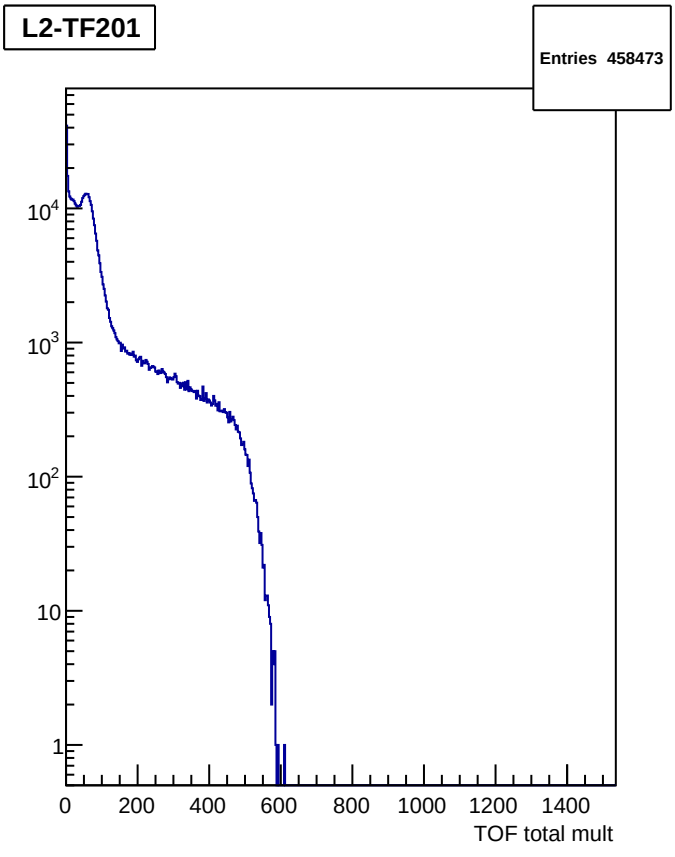

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

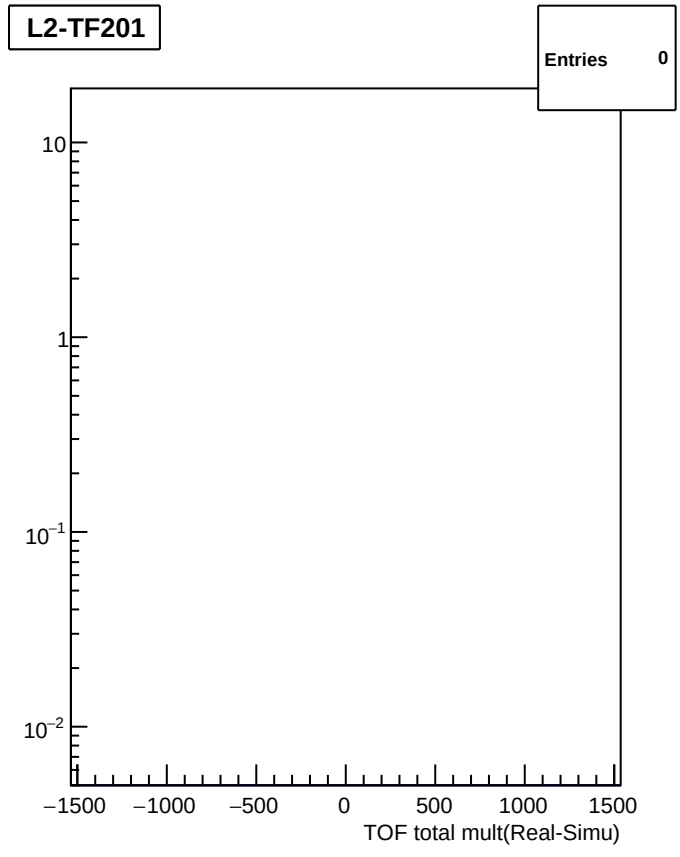

MIX-TF101
Entries 2750838
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

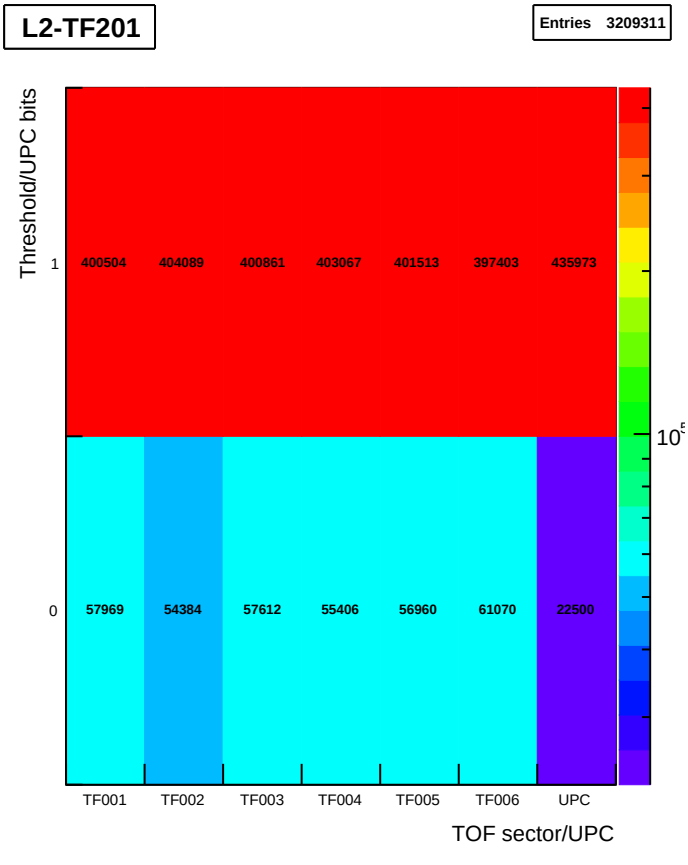

MIX-TF101
Entries 153915
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

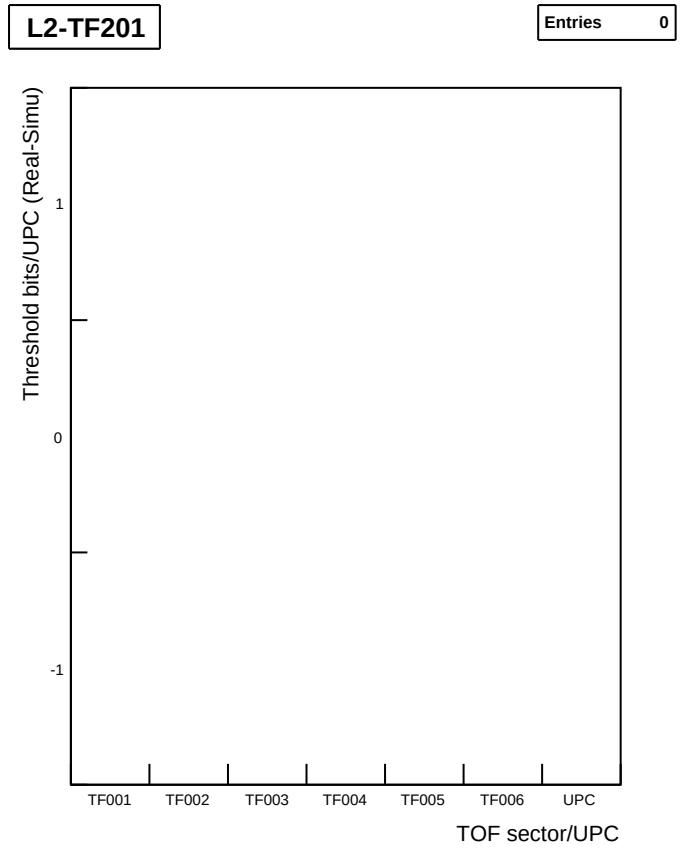

MIX-TF101
Entries 2750838
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

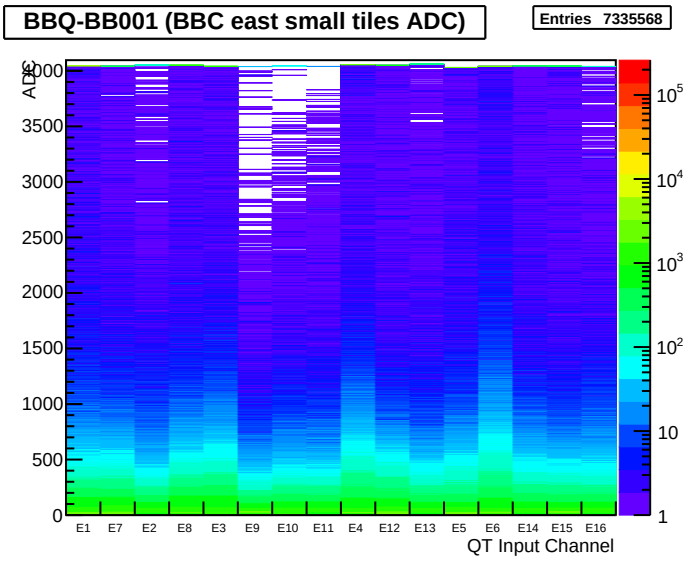

MIX-TF101
Entries 311952
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

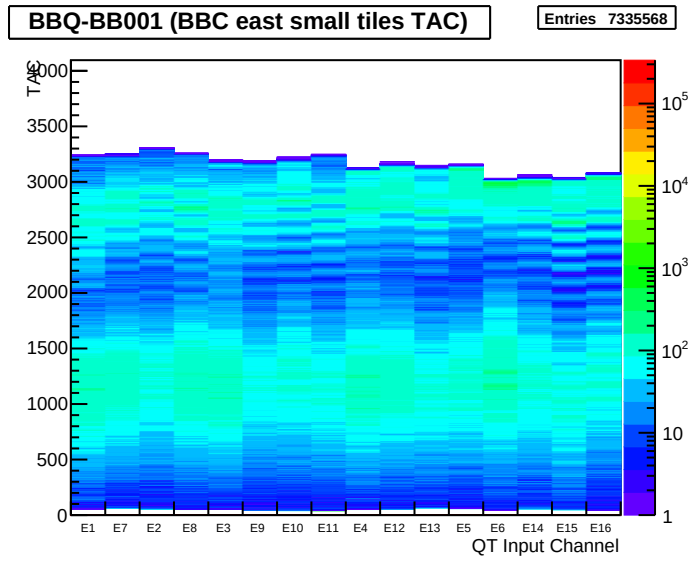

L2-TF201
Entries 458473
TOF total mult

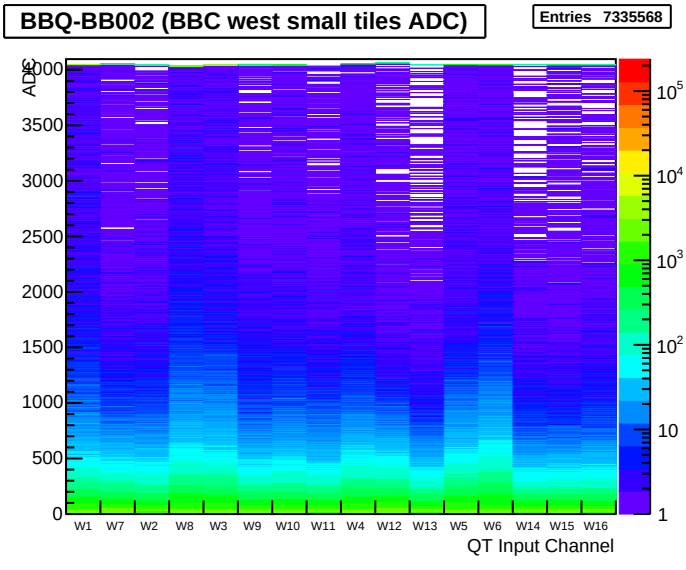

L2-TF201
Entries 0
TOF total mult(Real-Simu)

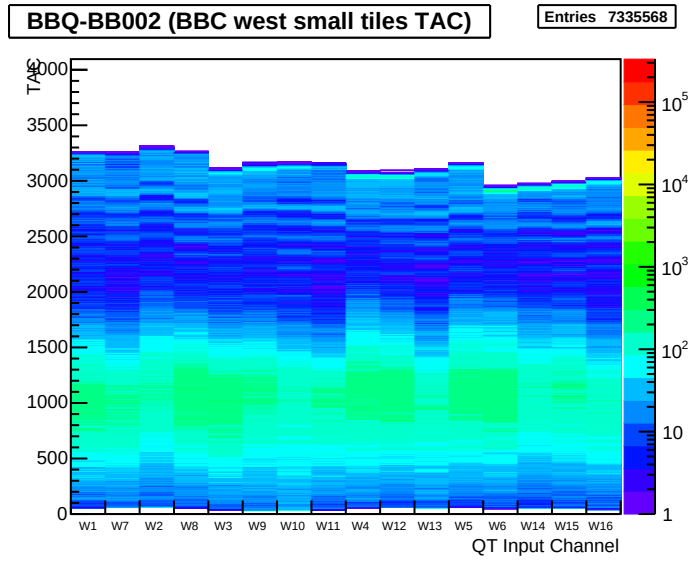

L2-TF201
Entries 3209311
Threshold/UPC bits
400504
404089
400861
403067
401513
397403
435973
57969
54384
57612
55406
56960
61070
22500
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

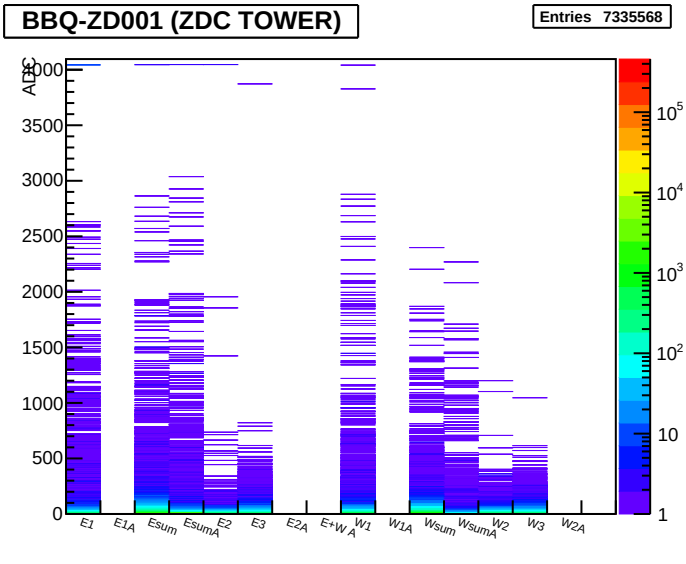

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

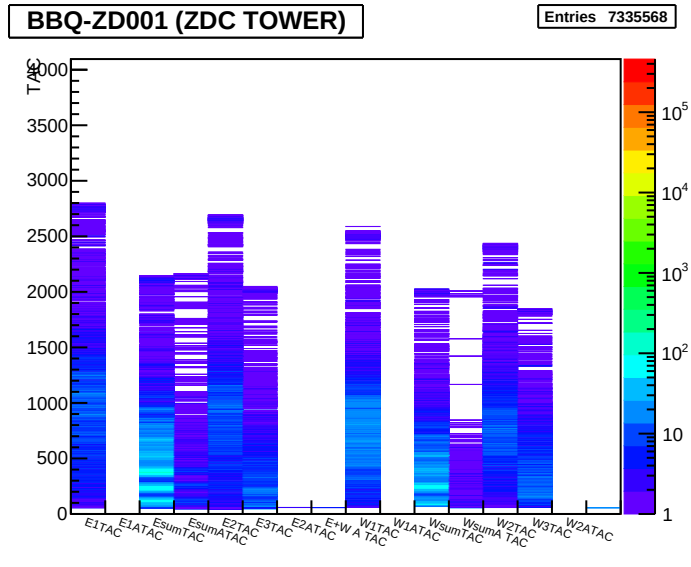

BBQ-BB001 (BBC east small tiles ADC)
Entries 7335568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

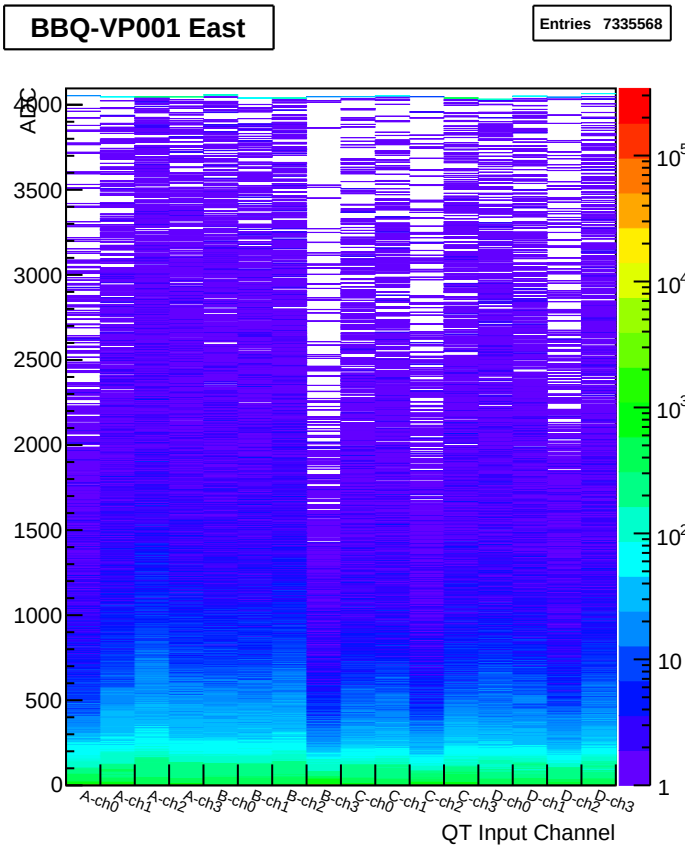

BBQ-BB001 (BBC east small tiles TAC)
Entries 7335568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

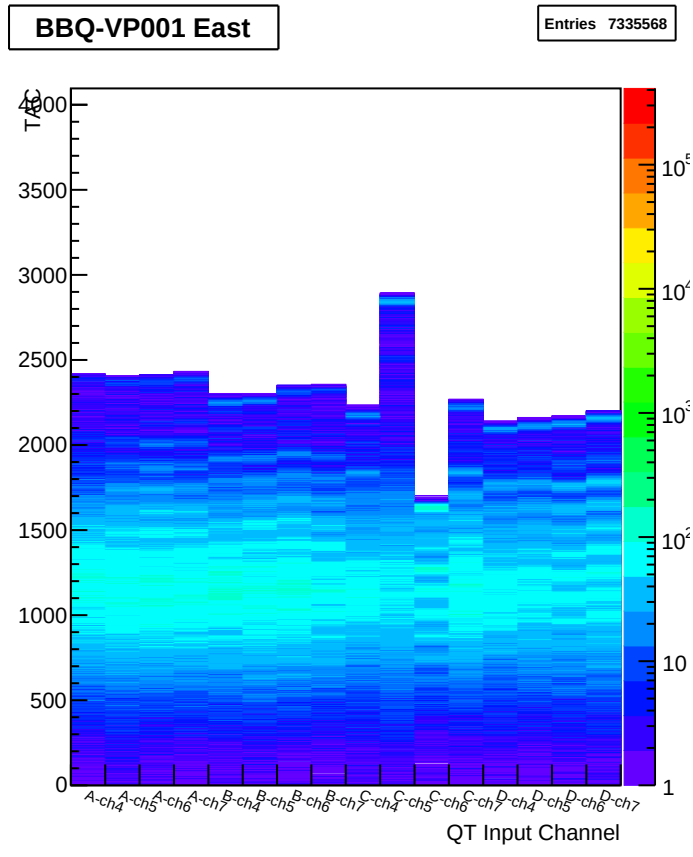

BBQ-BB002 (BBC west small tiles ADC)
Entries 7335568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

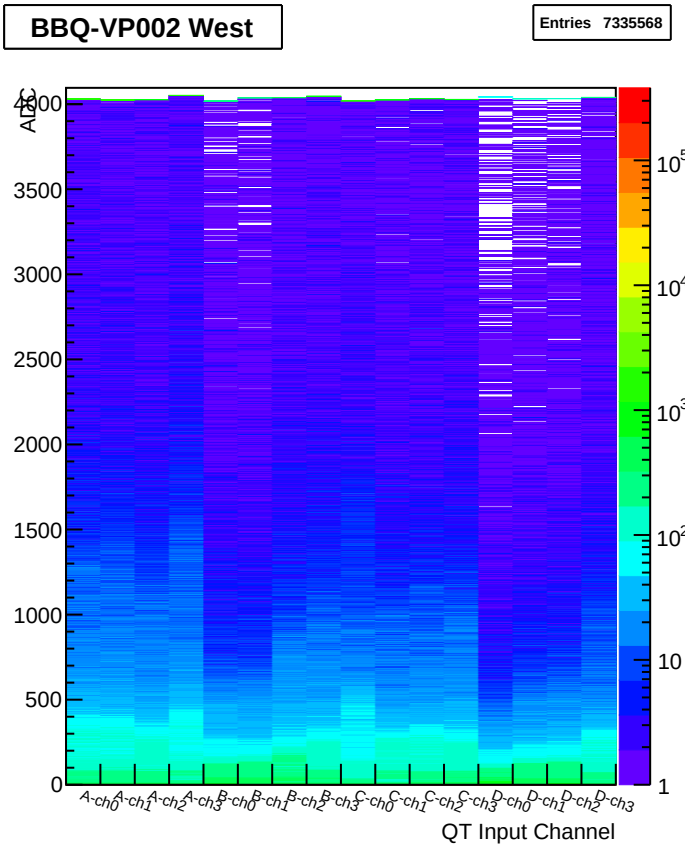

BBQ-BB002 (BBC west small tiles TAC)
Entries 7335568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

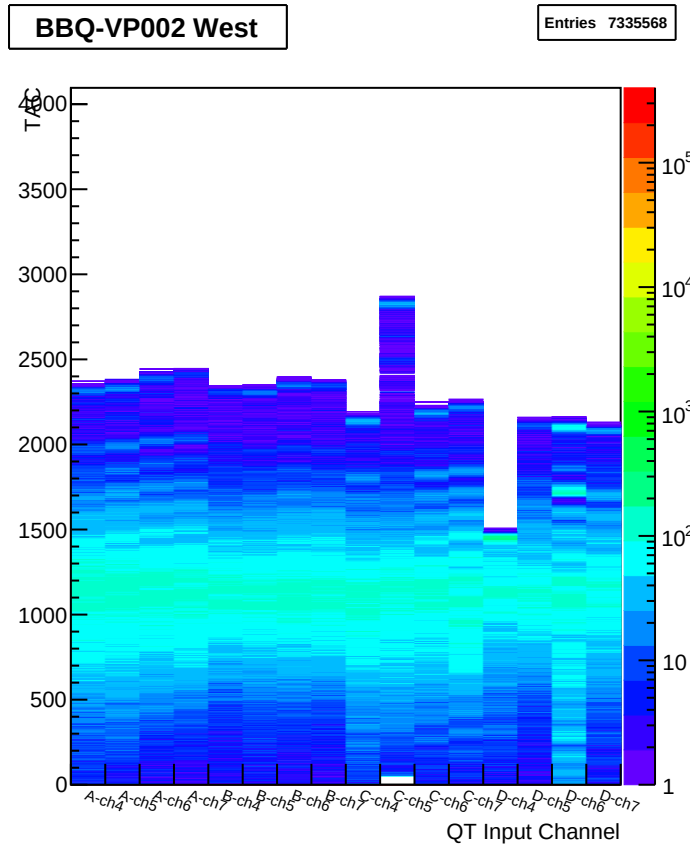

BBQ-ZD001 (ZDC TOWER)
Entries 7335568
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

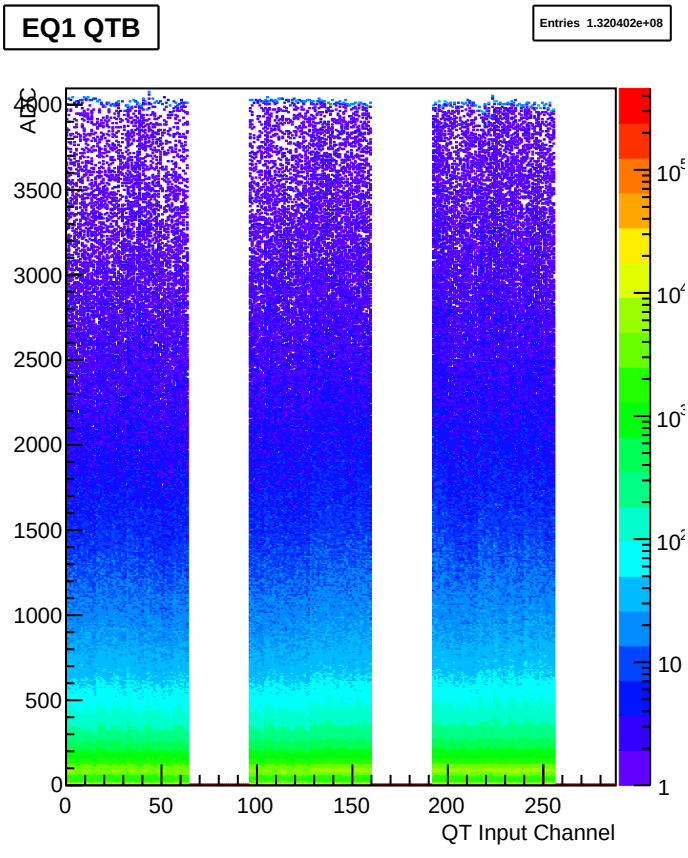

BBQ-ZD001 (ZDC TOWER)
Entries 7335568
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

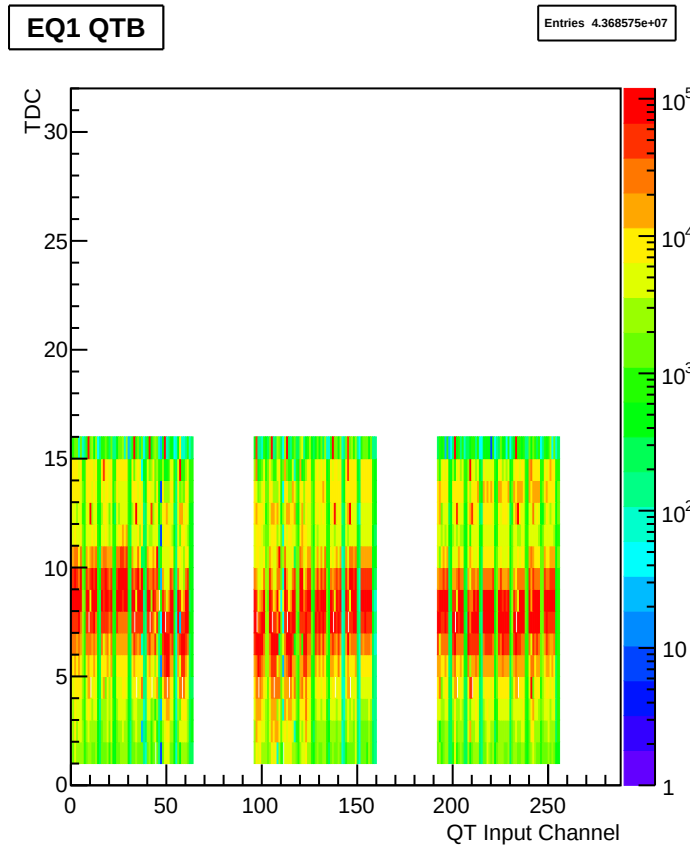

BBQ-VP001 East
Entries 7335568
ADC
QT Input Channel

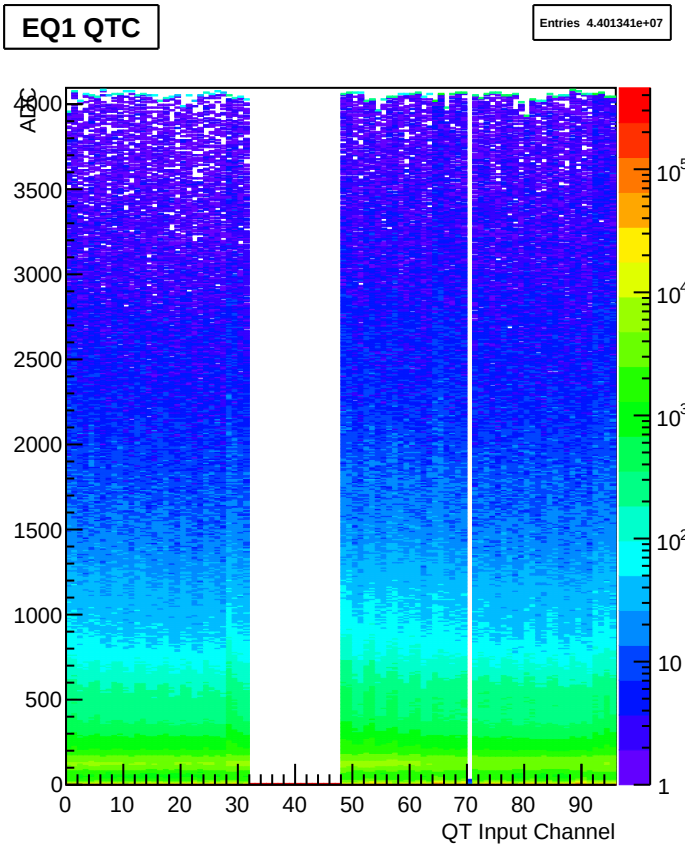

BBQ-VP001 East
Entries 7335568
ADC
QT Input Channel

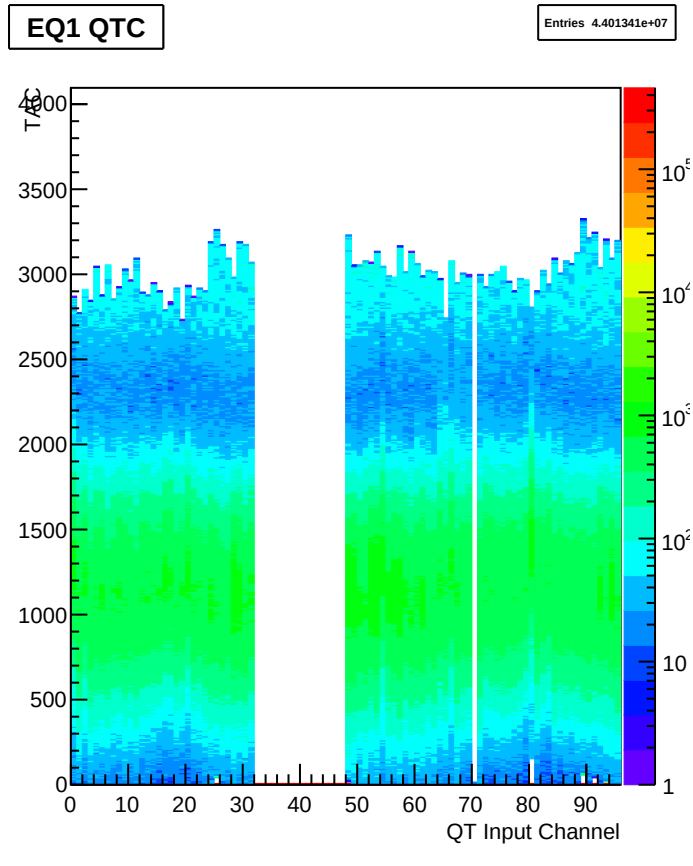

BBQ-VP002 West
Entries 7335568
ADC
QT Input Channel

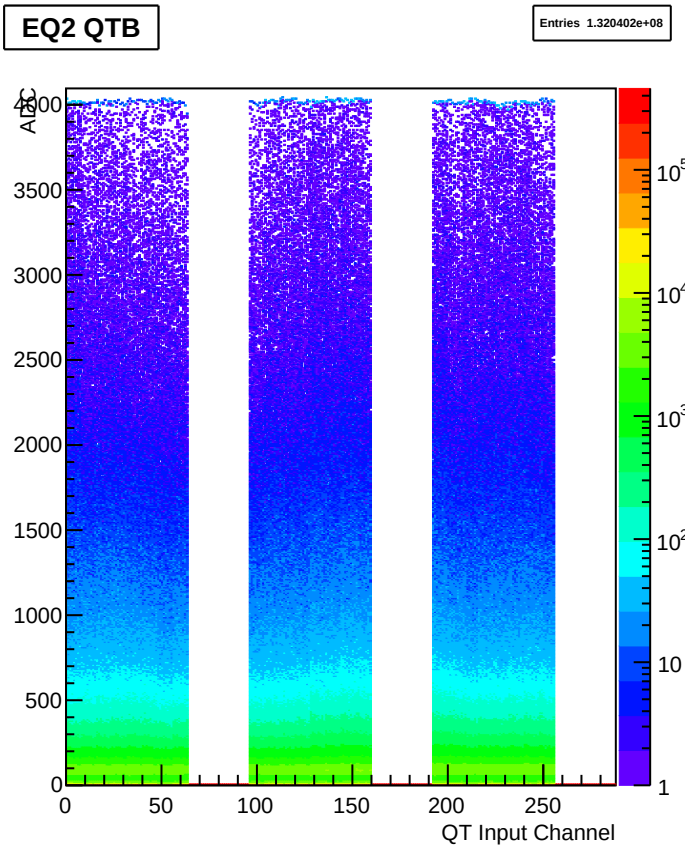

BBQ-VP002 West
Entries 7335568
ADC
QT Input Channel

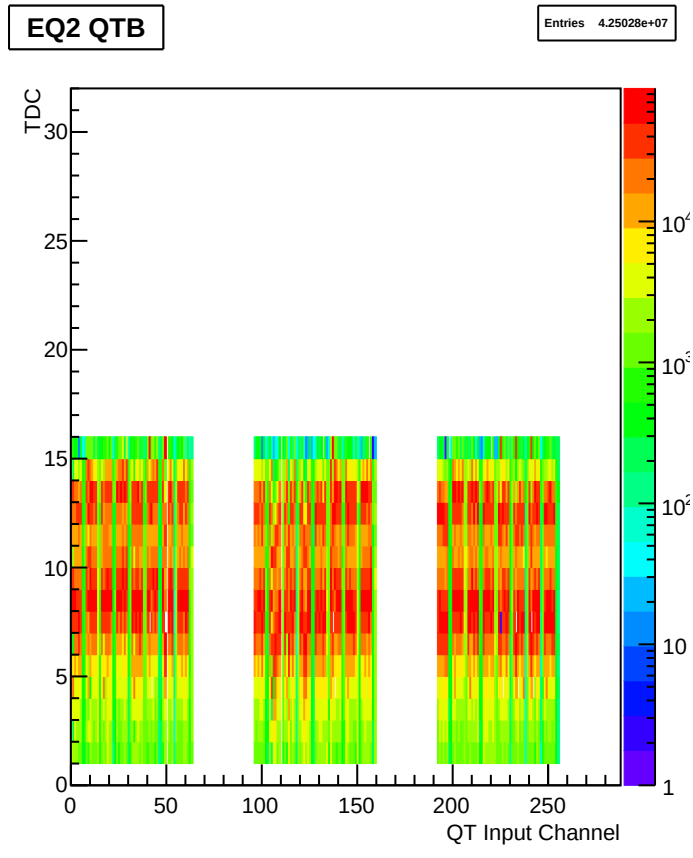

EQ1 QTB
Entries 1.320402e+08
ADC
QT Input Channel

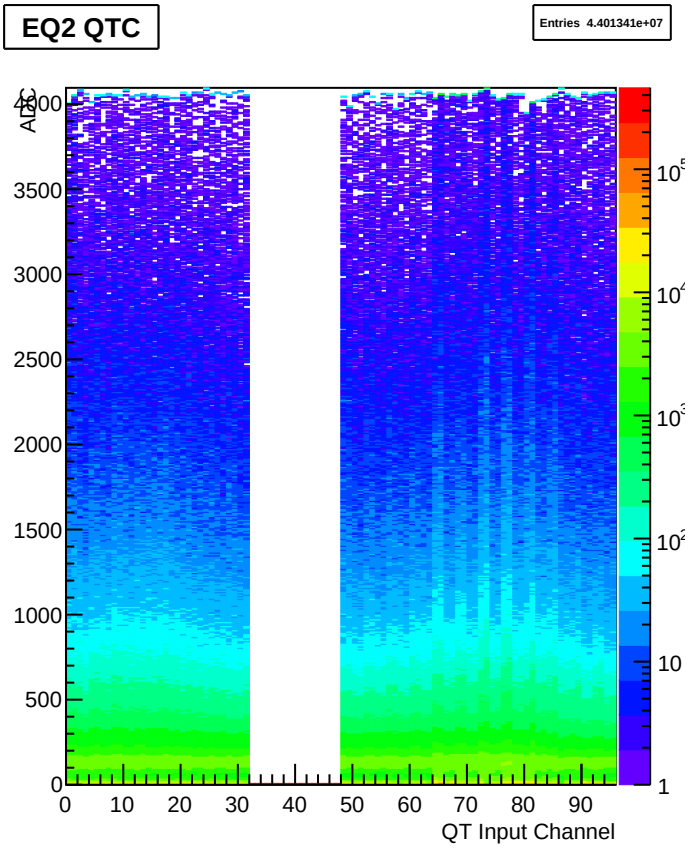

EQ1 QTB
Entries 4.368575e+07
TDC
QT Input Channel

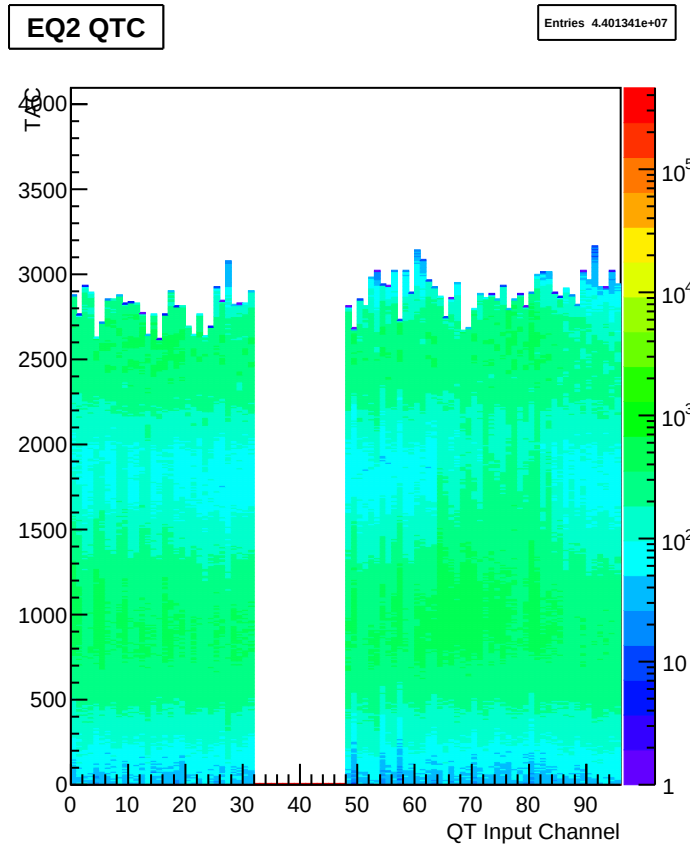

EQ1 QTC
Entries 4.401341e+07
ADC
QT Input Channel

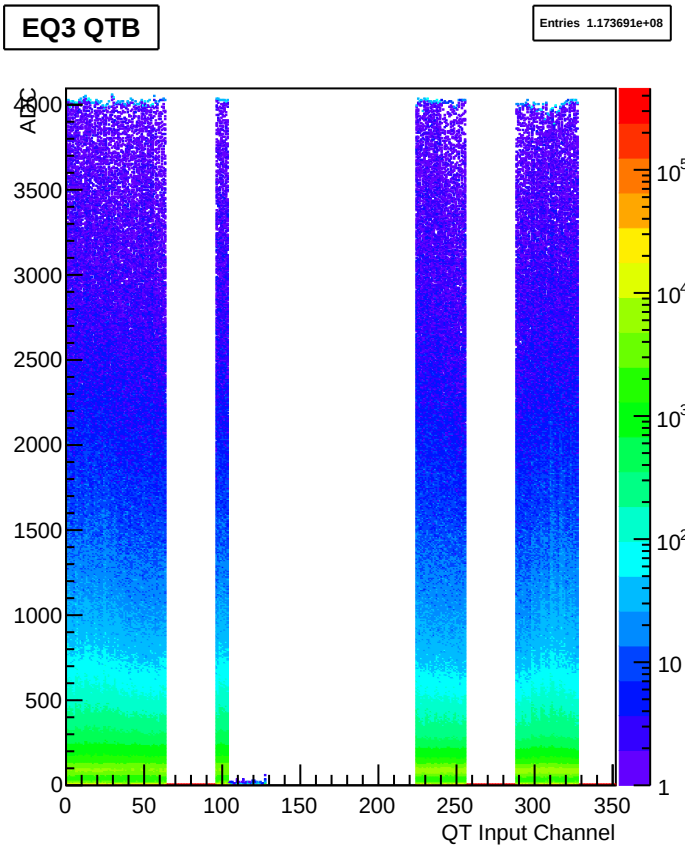

EQ1 QTC
Entries 4.401341e+07
TADC
QT Input Channel

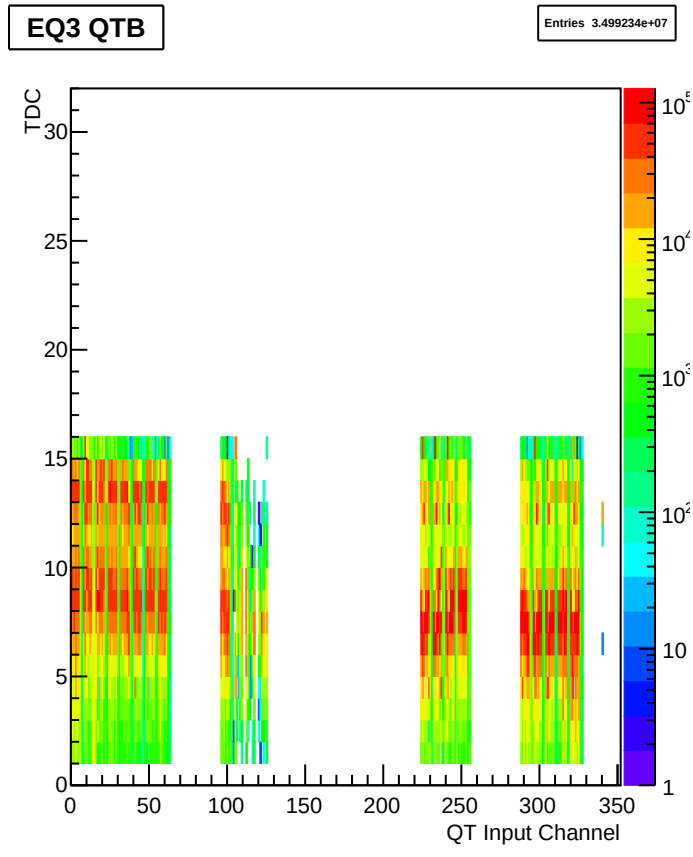

EQ2 QTB
Entries 1.320402e+08
ADC
QT Input Channel

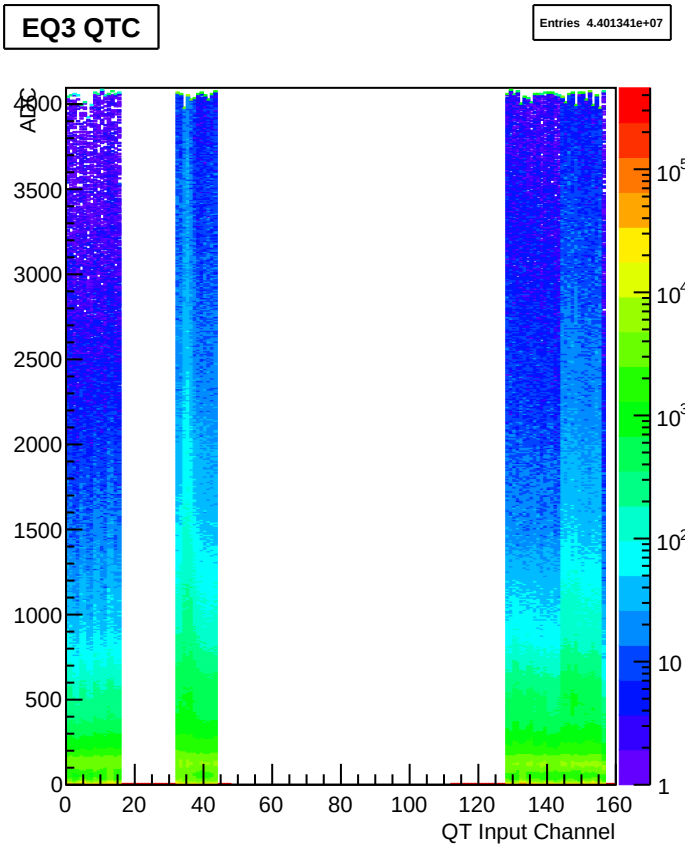

EQ2 QTB
Entries 4.25028e+07
TDC
QT Input Channel

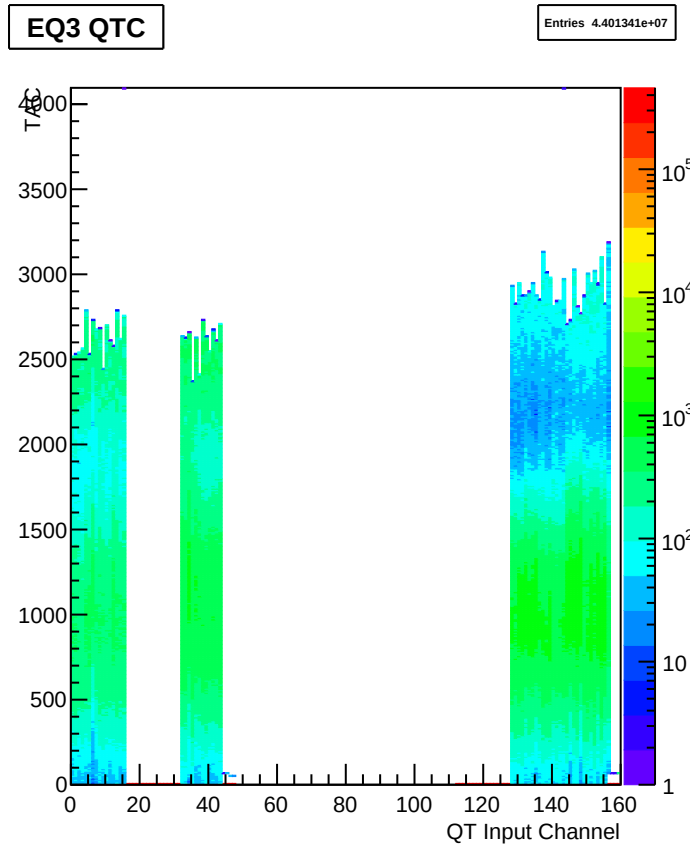

EQ2 QTC
Entries 4.401341e+07
ADC
QT Input Channel

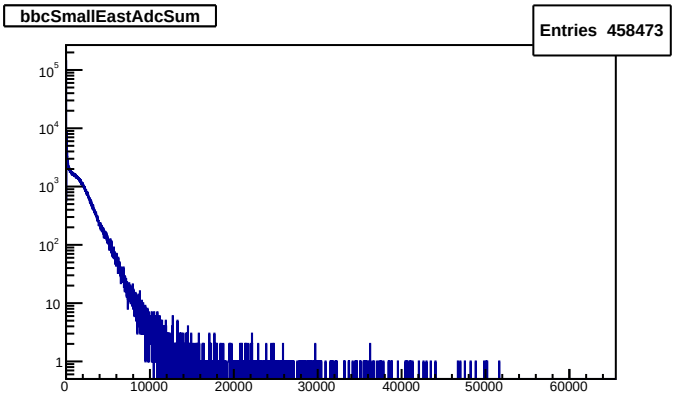

EQ2 QTC
Entries 4.401341e+07
TADC
QT Input Channel

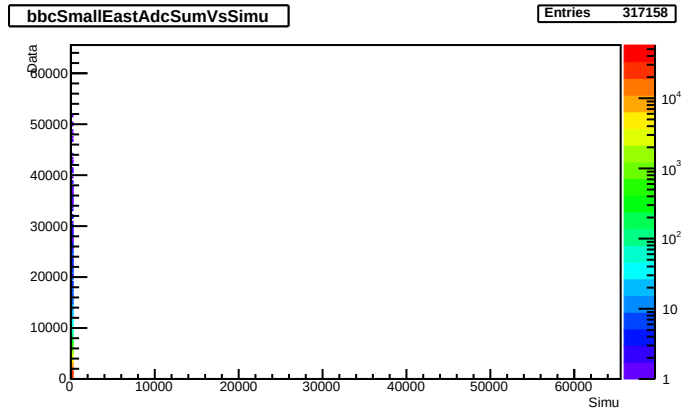

EQ3 QTB
Entries 1.173691e+08
ADC
QT Input Channel

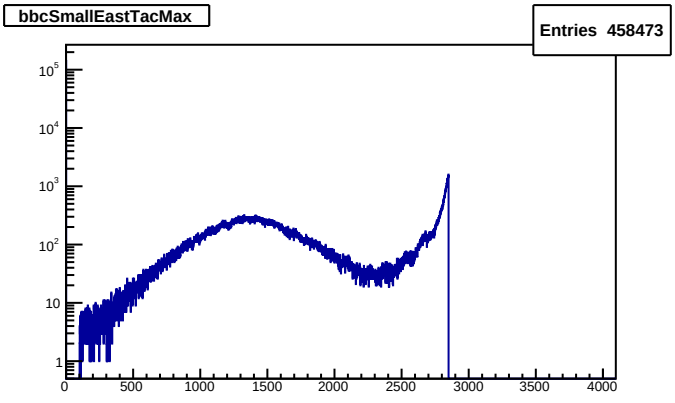

EQ3 QTB
Entries 3.499234e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.401341e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.401341e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 458473


bbcSmallEastAdcSumVsSimu
Entries 317158
Data
Simu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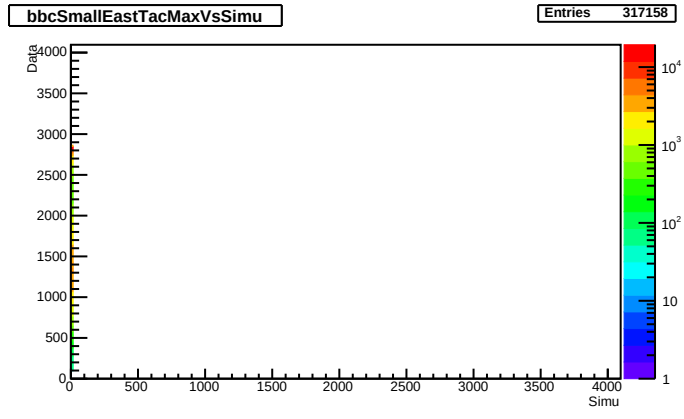
Entries 458473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Entries 317158
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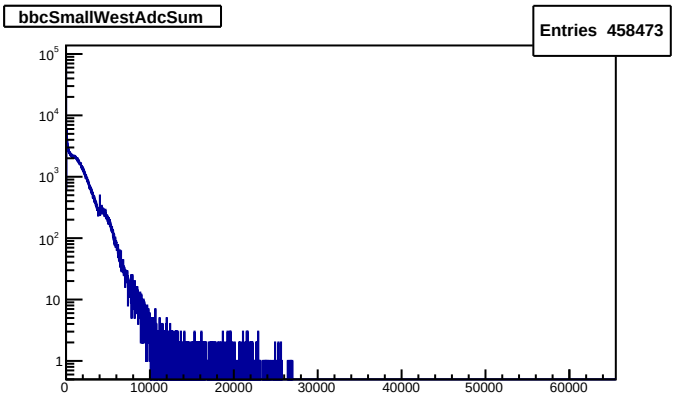
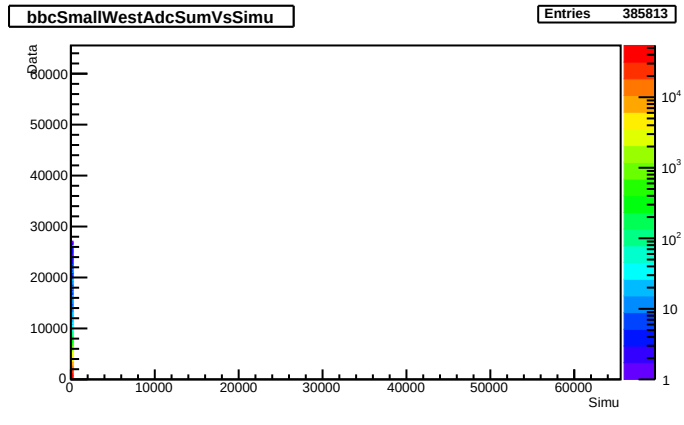

bbcSmallWestAdcSum
Entries 458473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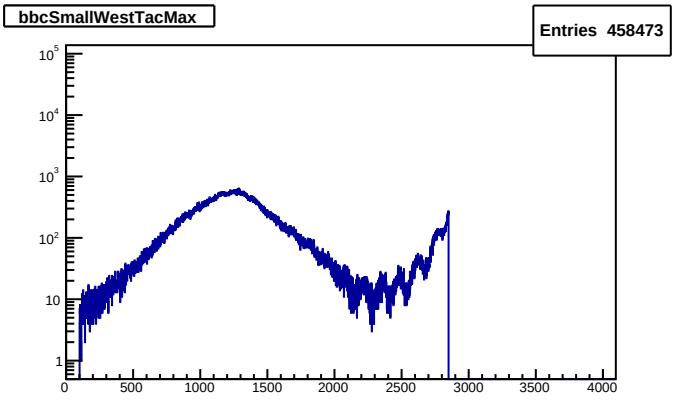
Entries 385813
Data
Simu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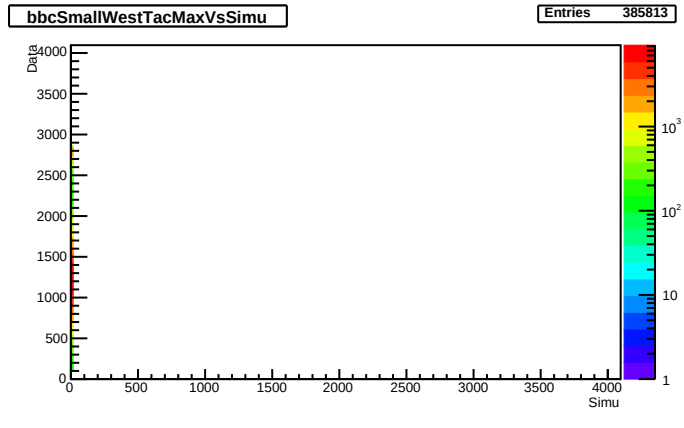
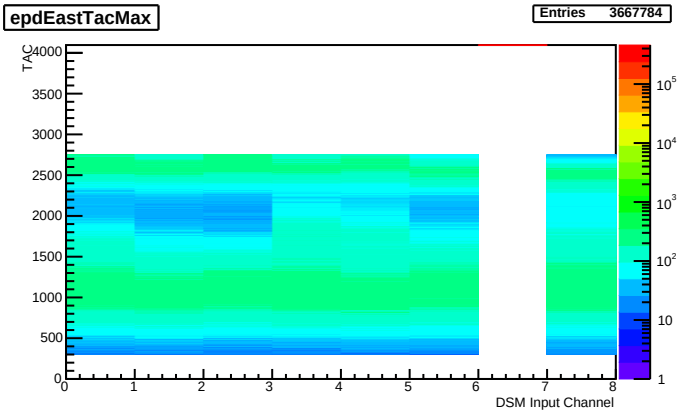
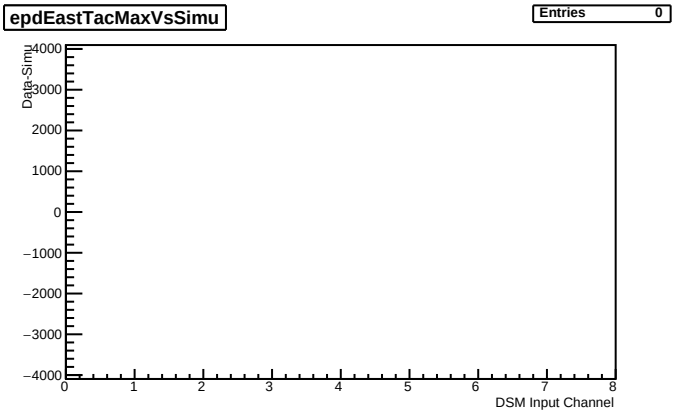
Entries 458473


bbcSmallWestTacMaxVsSimu
Entries 385813
Data
Simu


epdEastTacMax
Entries 3667784
TAC
DSM Input Channel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Entries 0
Data-Simu
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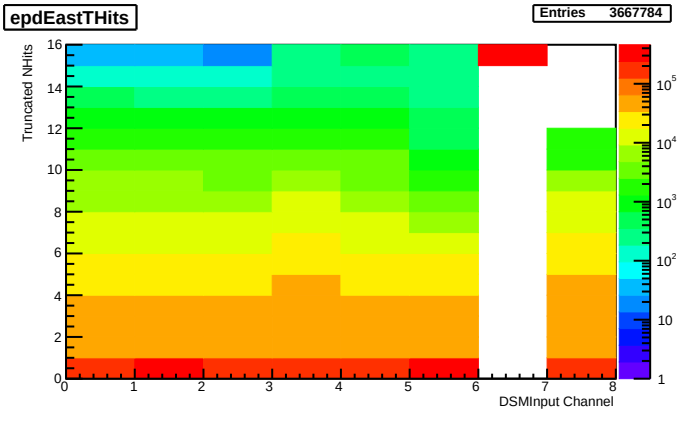
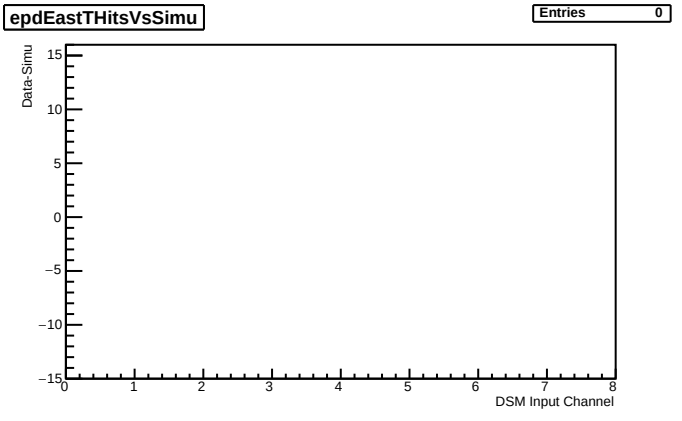

epdEastTHits
Entries 3667784
Truncated NHits
DSMInput Channel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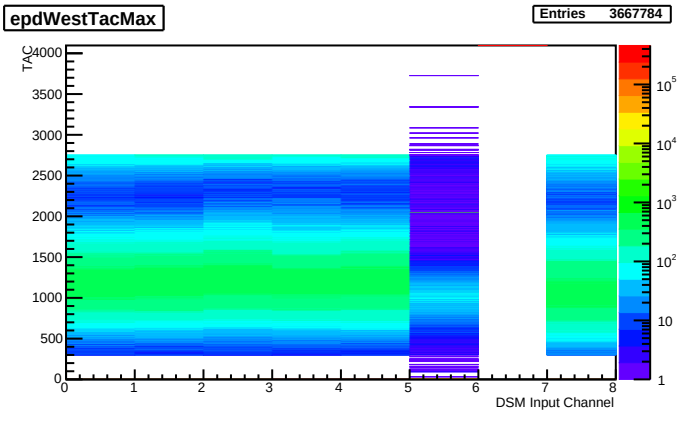
DSM Input Channel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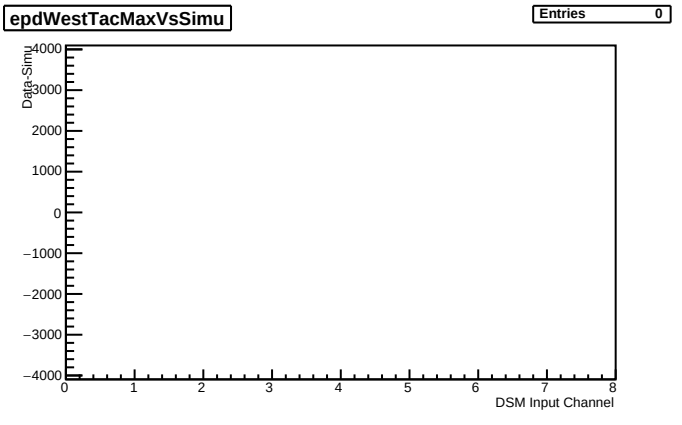
Entries 3667784
TAC
DSM Input Channel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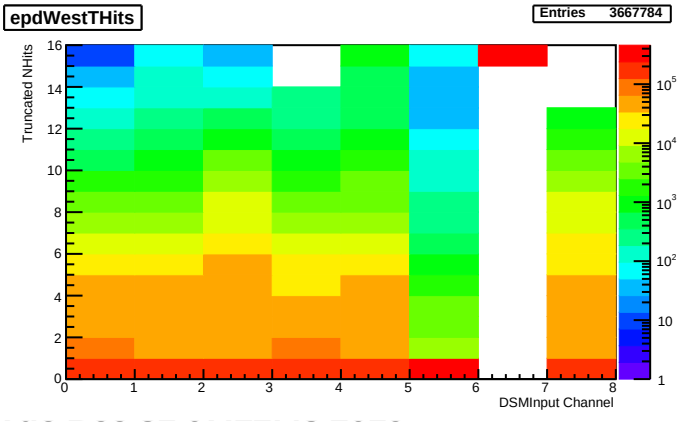
Entries 0
Data-Simu
DSM Input Channel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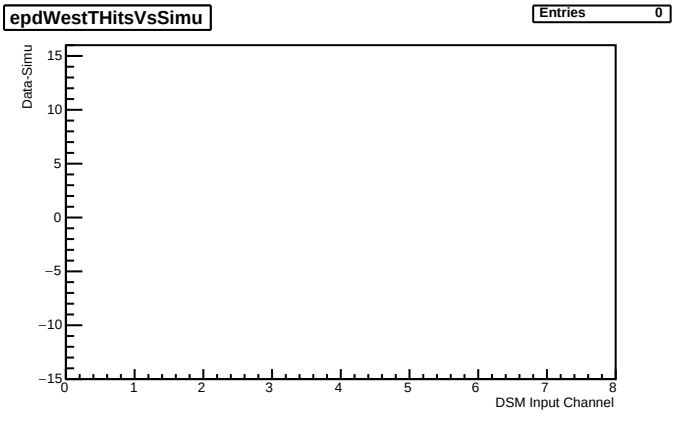
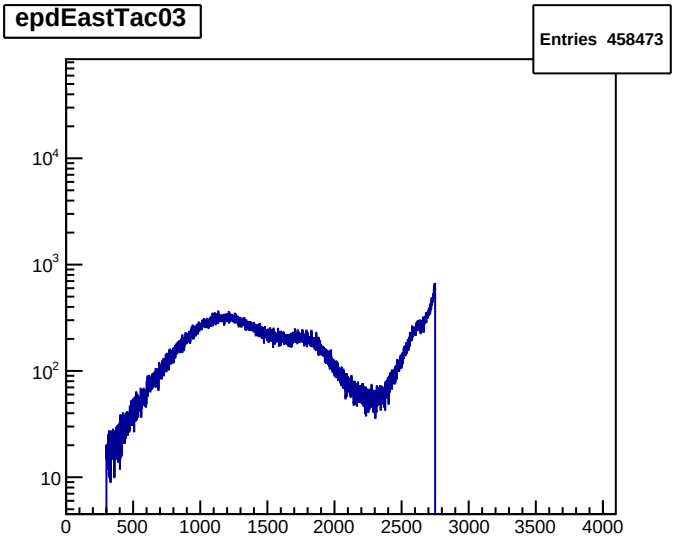
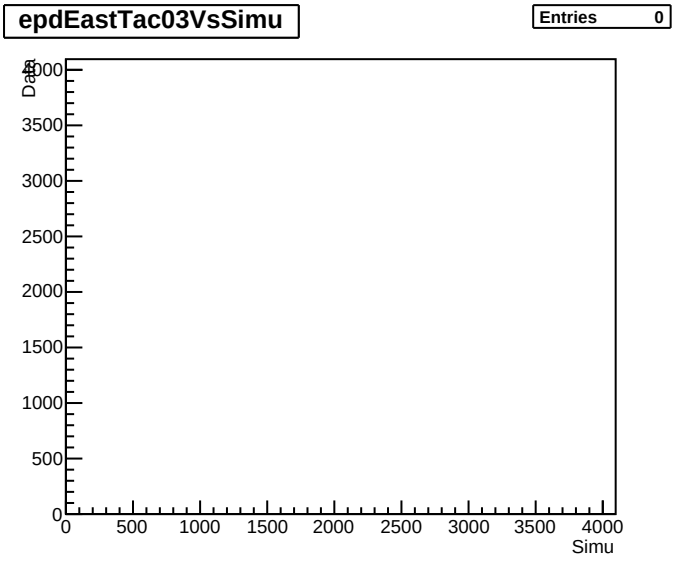
Entries 3667784
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 458473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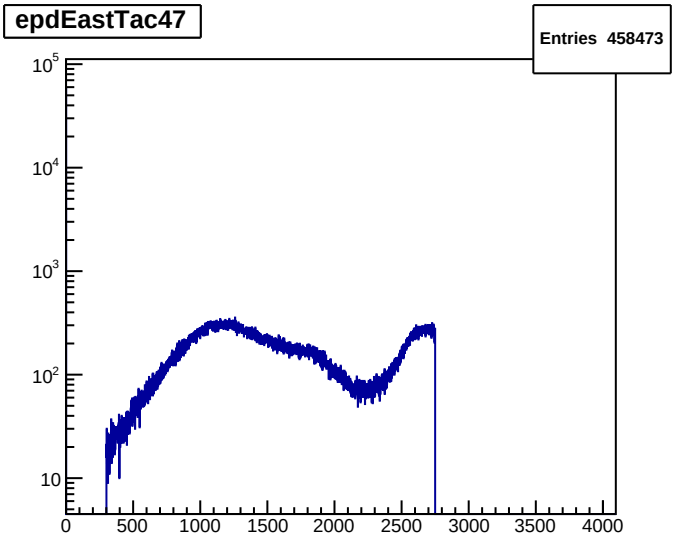
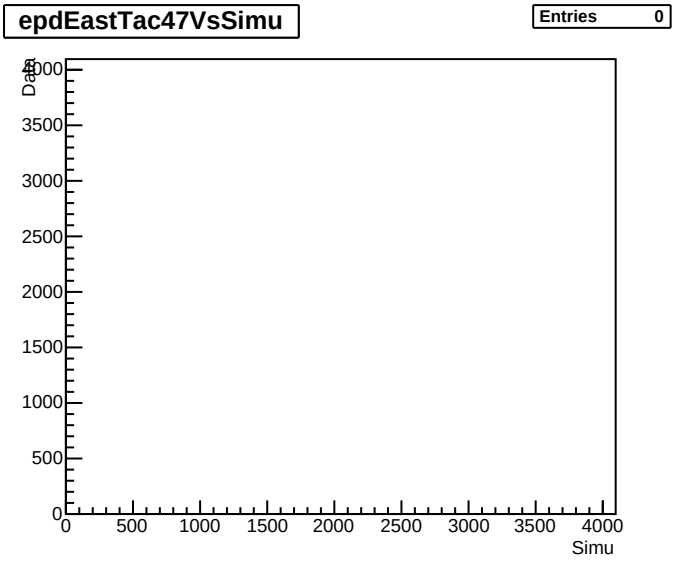
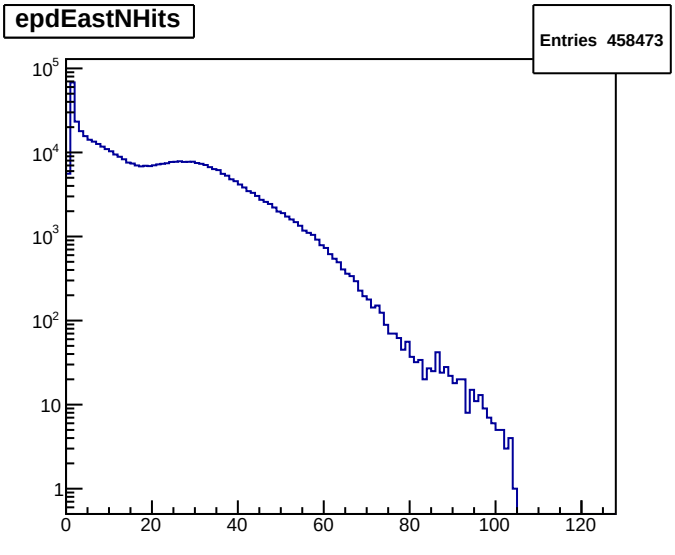
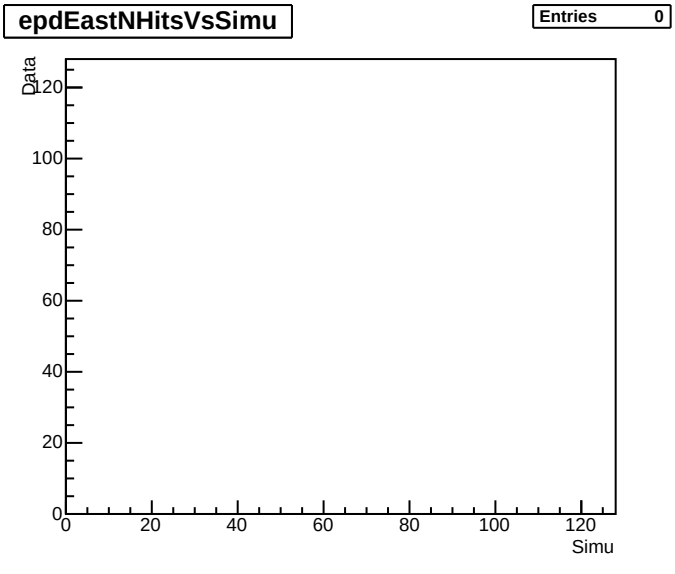
Entries 0
Data
Simu


epdEastTac47
Entries 458473


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 458473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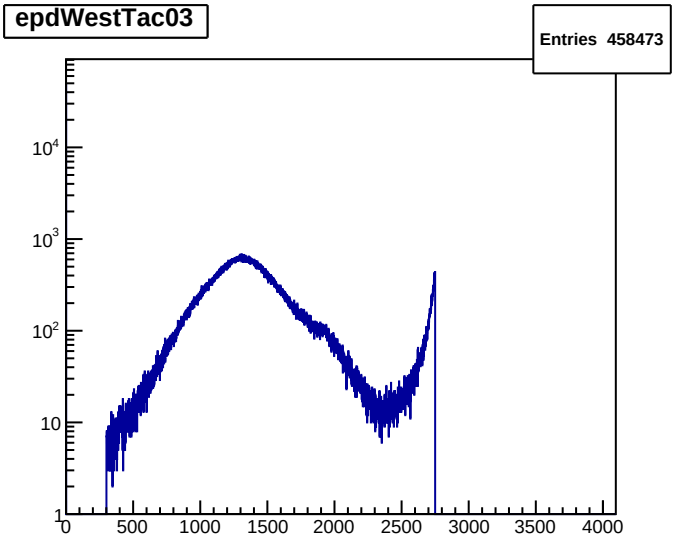
Entries 0
Data
Simu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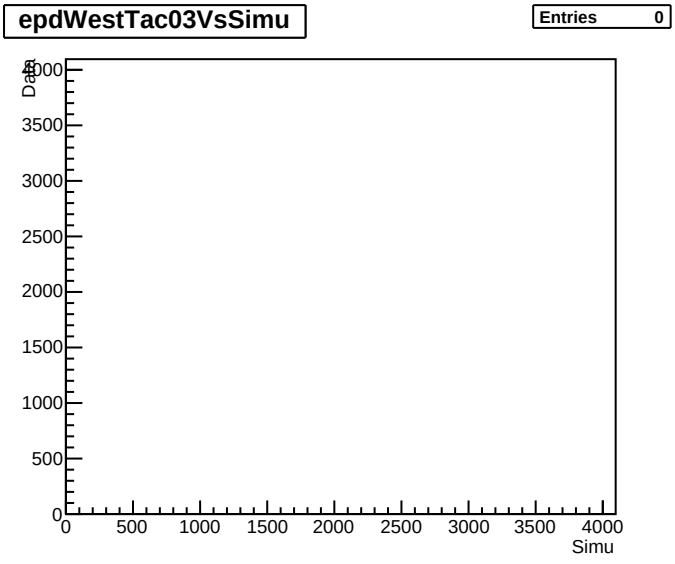
Entries 458473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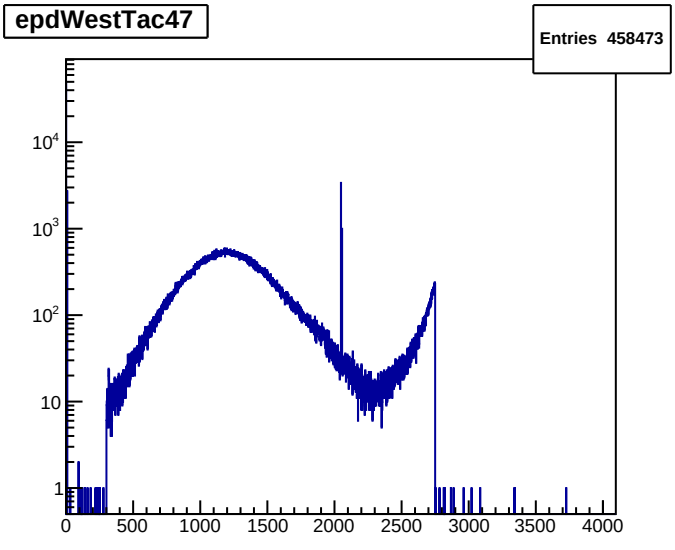
Entries 0
Data
Simu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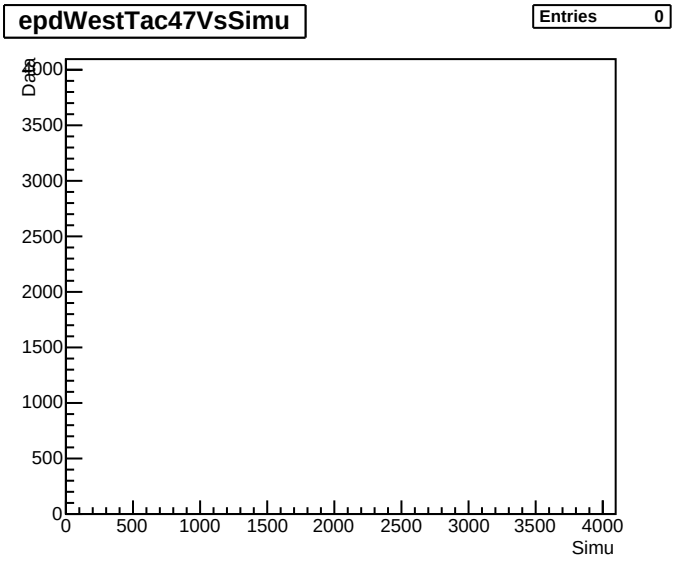
Entries 458473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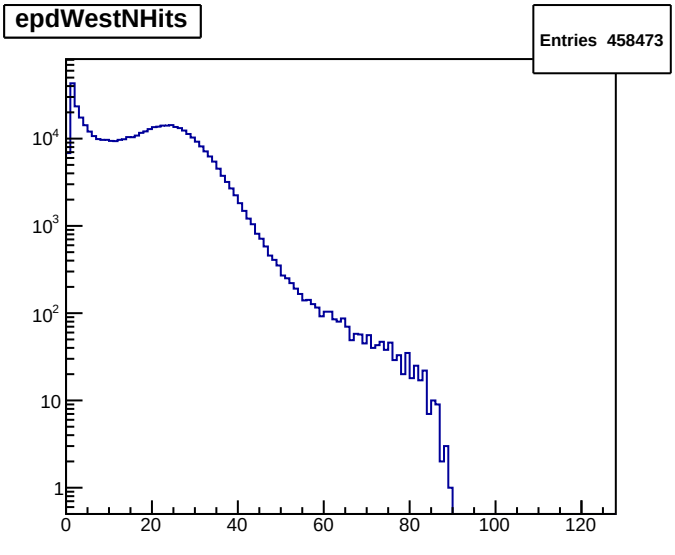
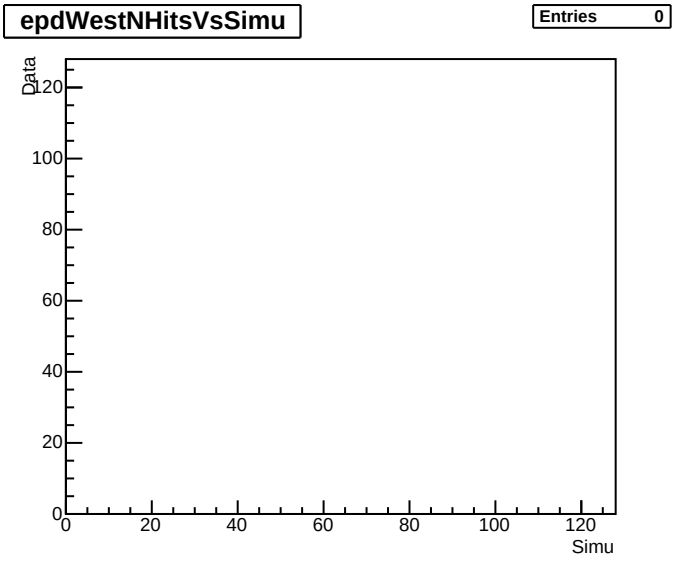
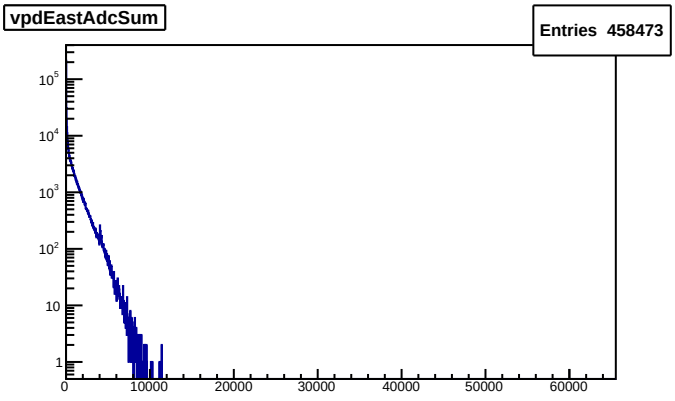
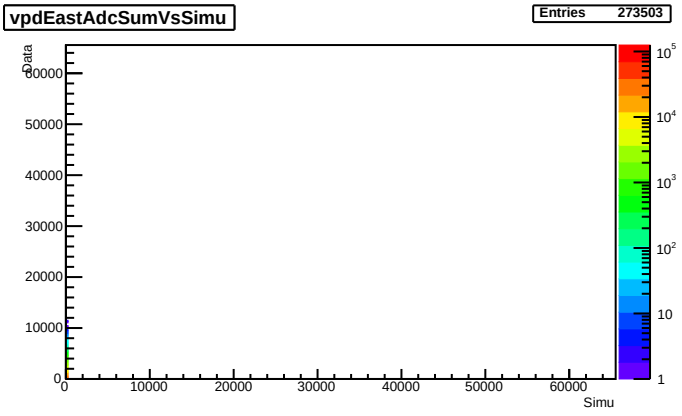
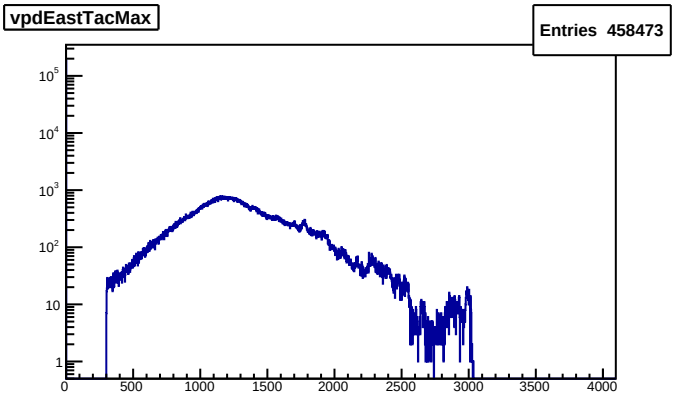
Entries 0
Data
Simu

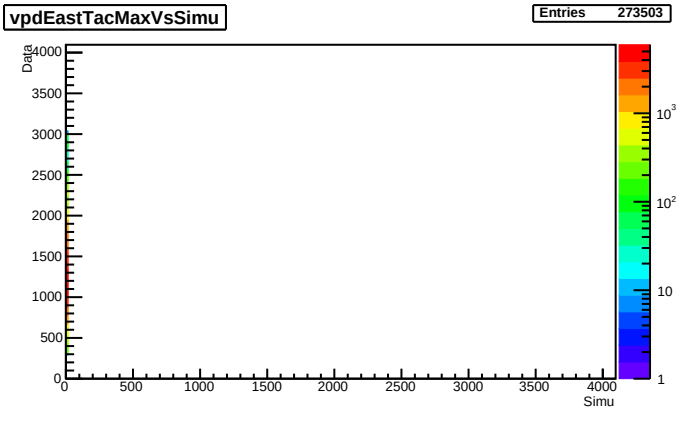

epdWestNHits
Entries 458473

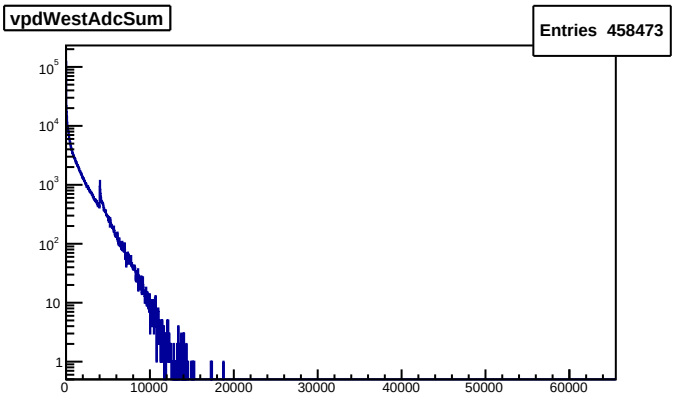

epdWestNHitsVsSimu
Entries 0
Data
Simu

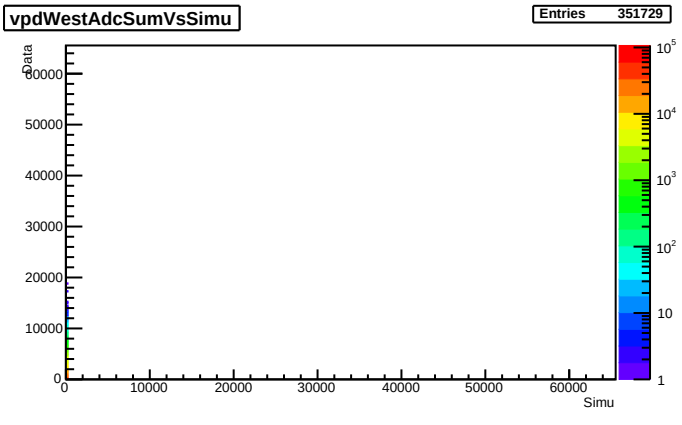

vpdEastAdcSum
Entries 458473

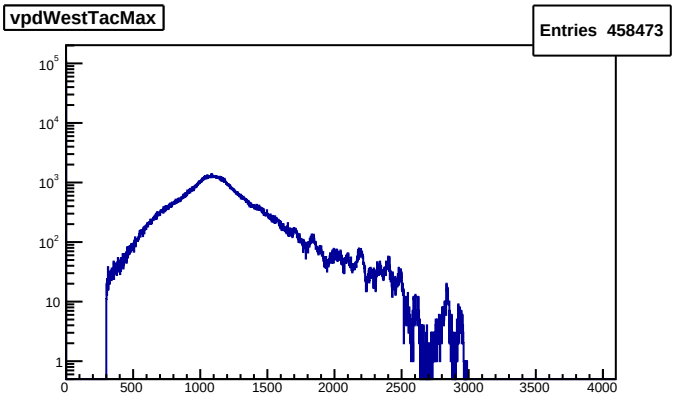

vpdEastAdcSumVsSimu
Entries 273503
Data
Simu

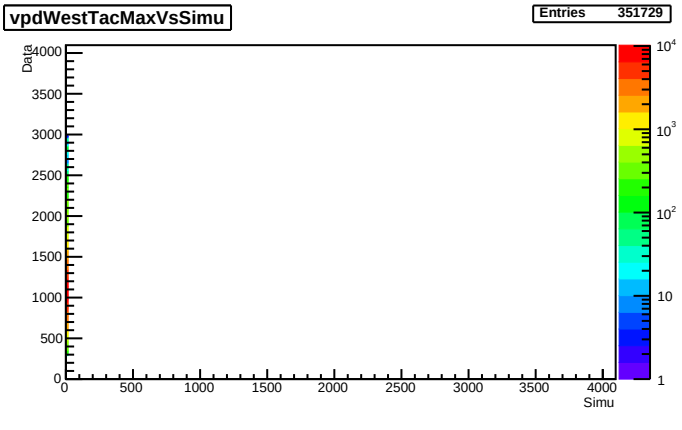

vpdEastTacMax
Entries 458473

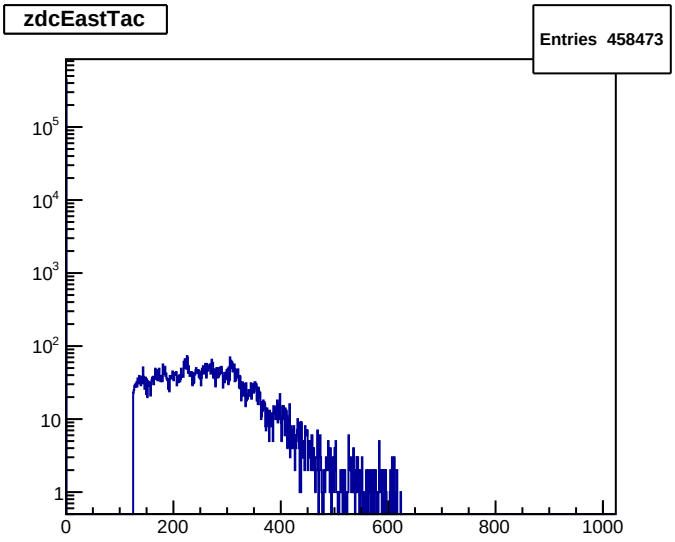

vpdEastTacMaxVsSimu
Entries 273503
Data
Simu

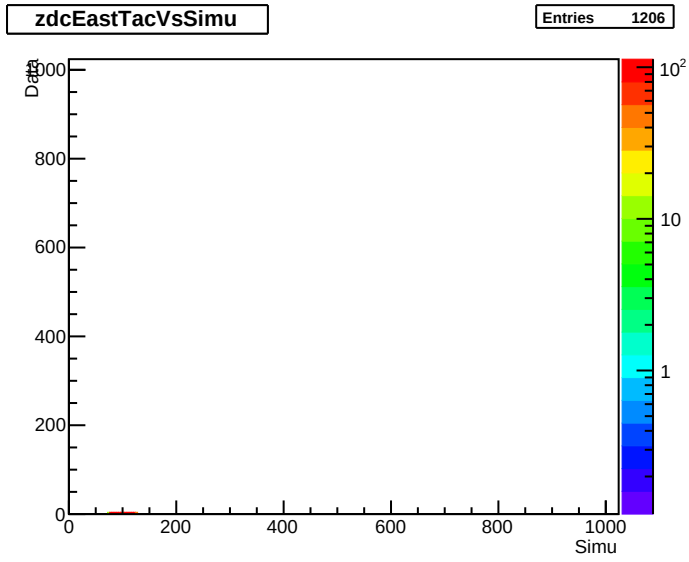

vpdWestAdcSum
Entries 458473

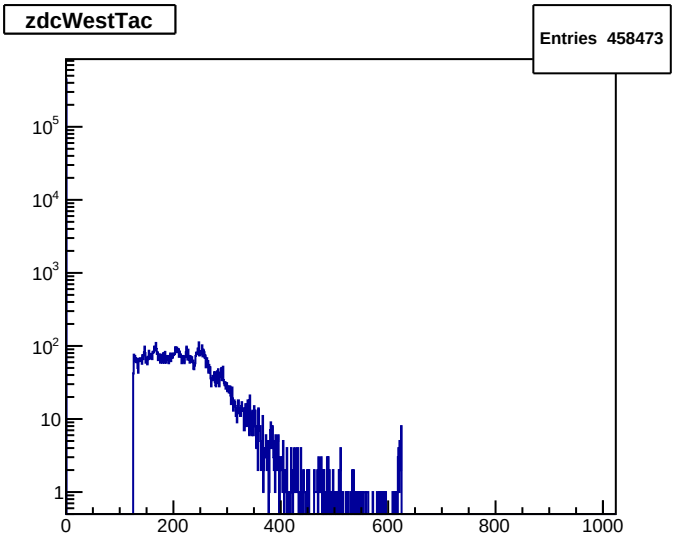

vpdWestAdcSumVsSimu
Entries 351729
Data
Simu

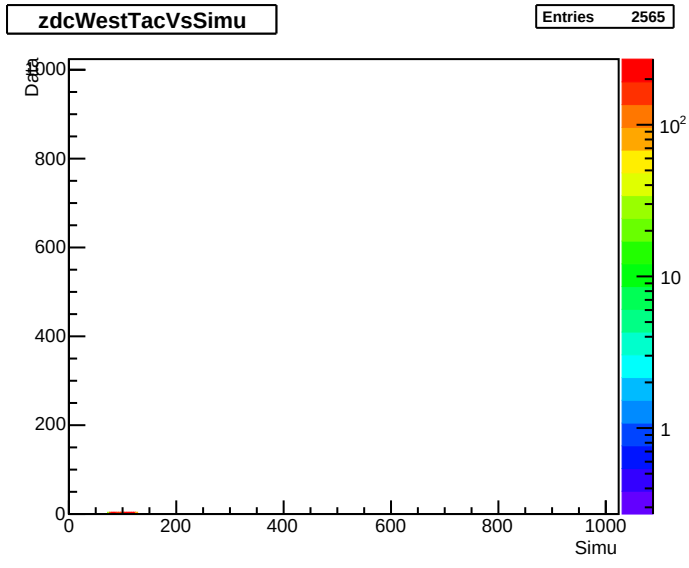

vpdWestTacMax
Entries 458473

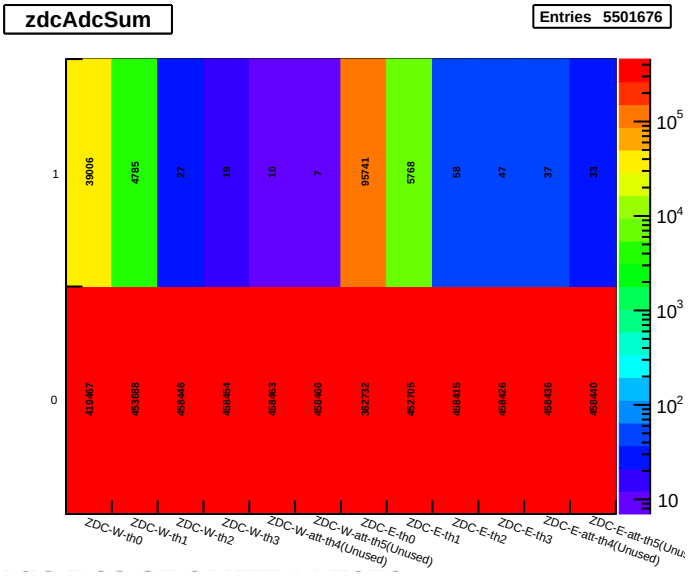

vpdWestTacMaxVsSimu
Entries 351729
Data
Simu

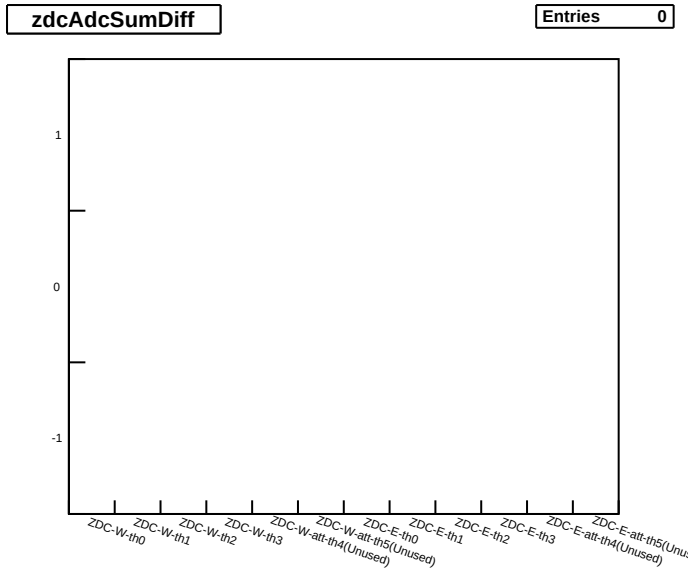

zdcEastTac
Entries 458473

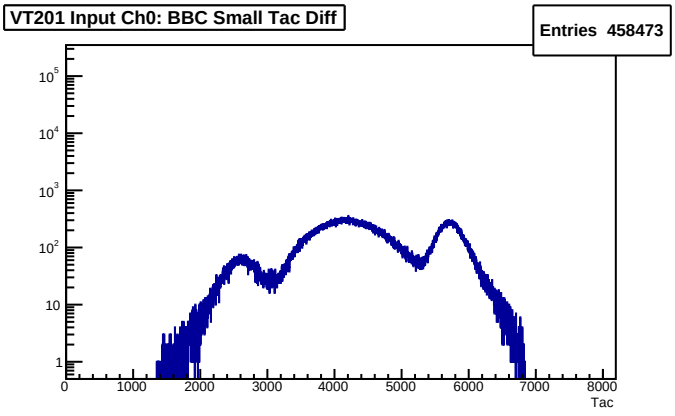

zdcEastTacVsSimu
Entries 1206
Data
Simu

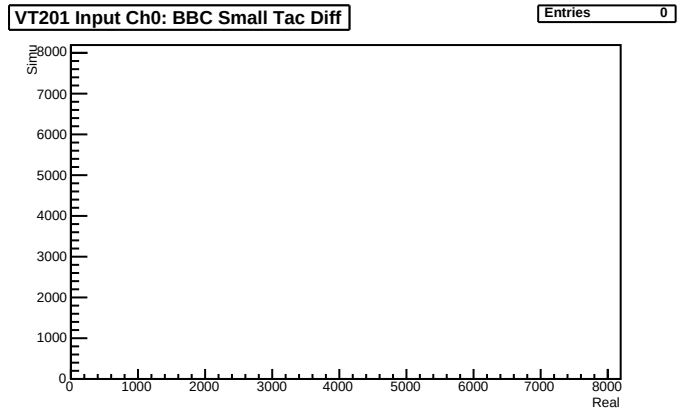

zdcWestTac
Entries 458473

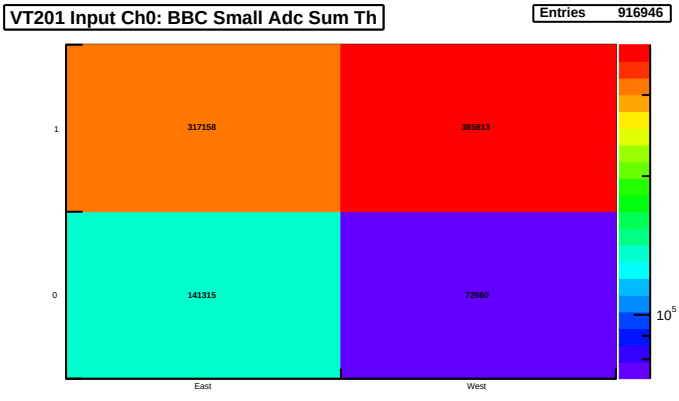

zdcWestTacVsSimu
Entries 2565
Data
Simu

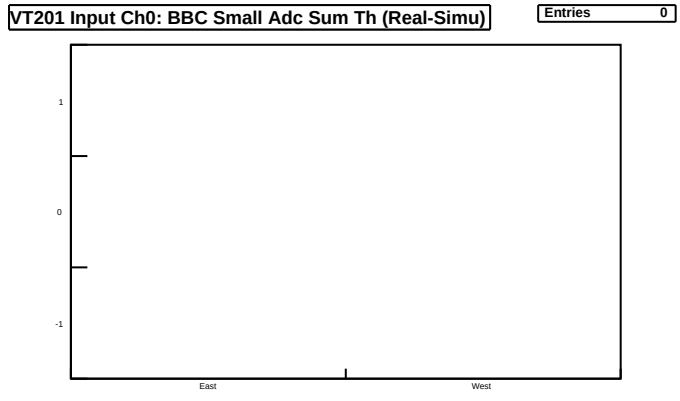

zdcAdcSum
Entries 5501676
39006
4785
27
19
10
7
95741
5768
58
47
37
33
419487
453688
458446
458454
458463
458466
362732
452705
458415
458426
458436
458440
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

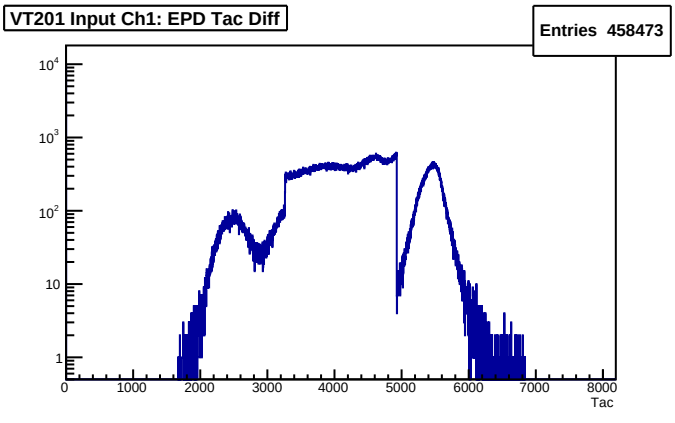

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

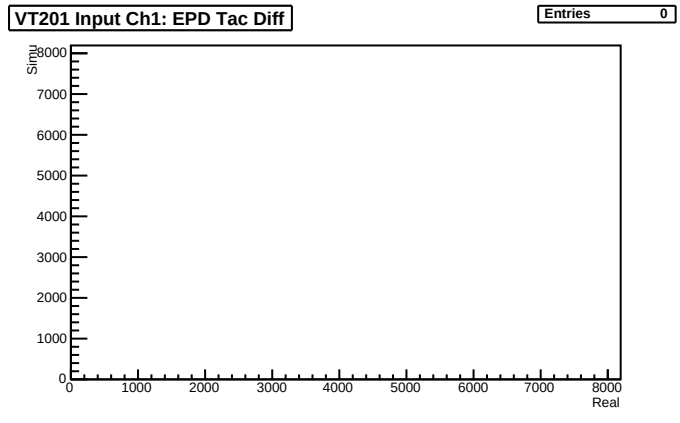

VT201 Input Ch0: BBC Small Tac Diff
Entries 458473
Tac

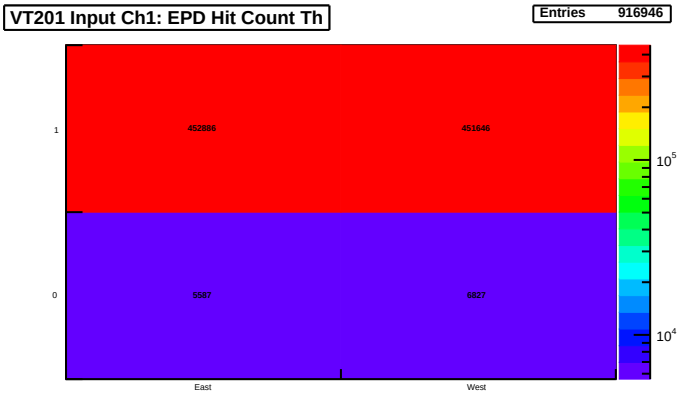

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

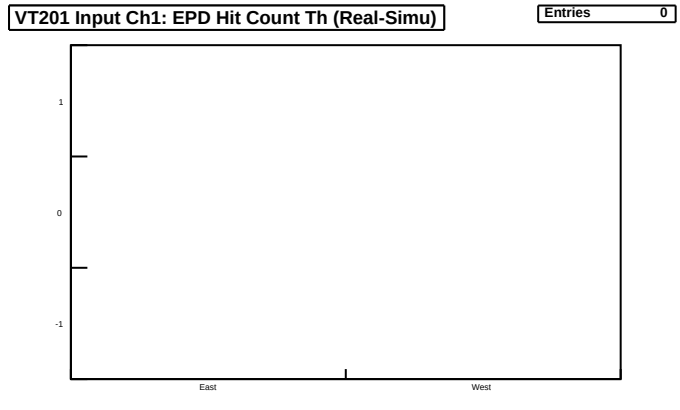

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 916946
317158
385813
141315
72660
East
West

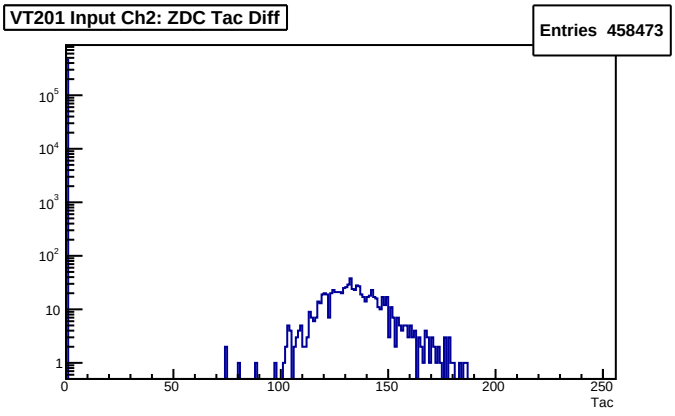

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

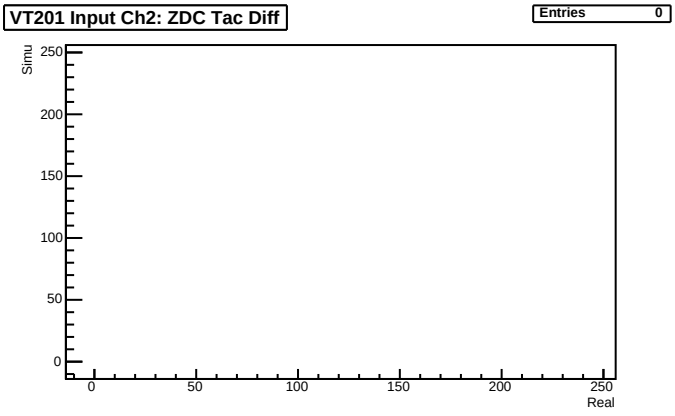

VT201 Input Ch1: EPD Tac Diff
Entries 458473
Tac

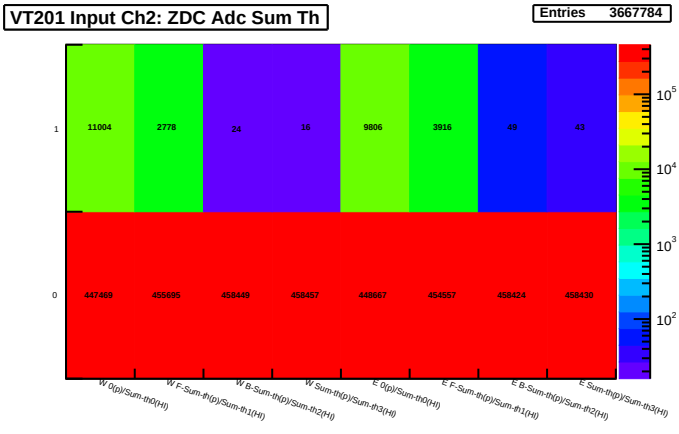

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

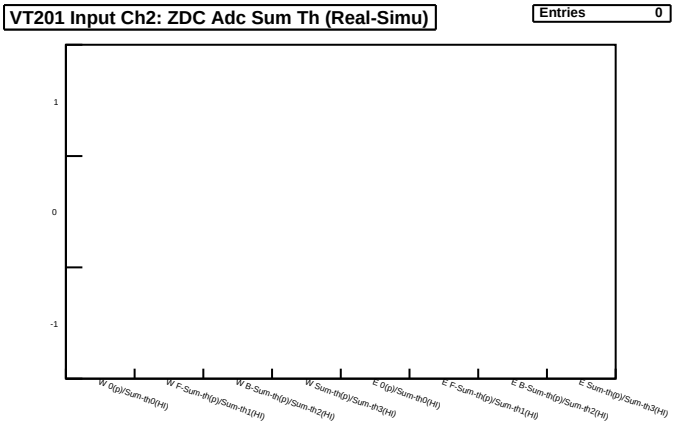

VT201 Input Ch1: EPD Hit Count Th
Entries 916946
452886
451646
5587
6827
East
West

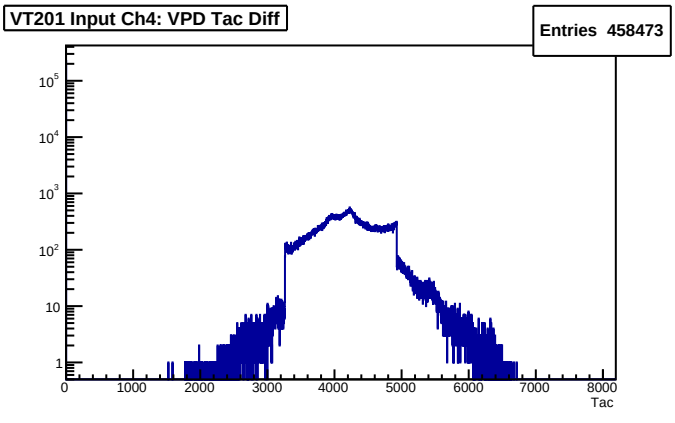

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

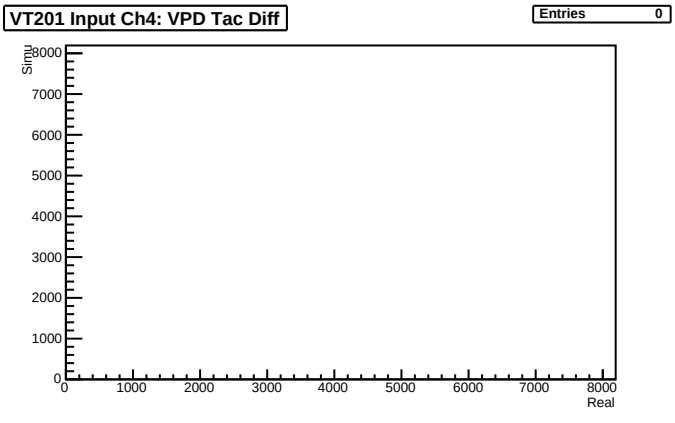

VT201 Input Ch2: ZDC Tac Diff
Entries 458473
Tac

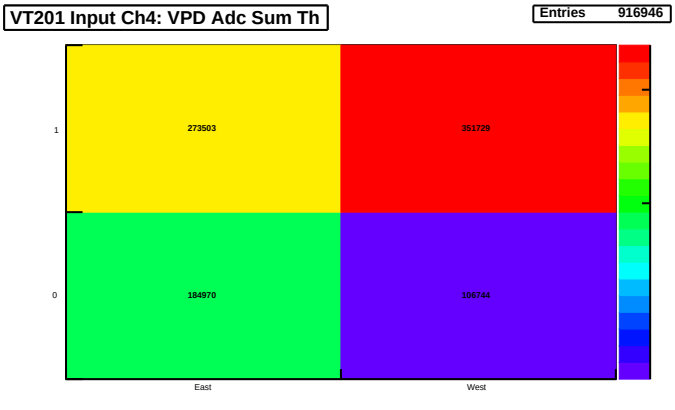

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

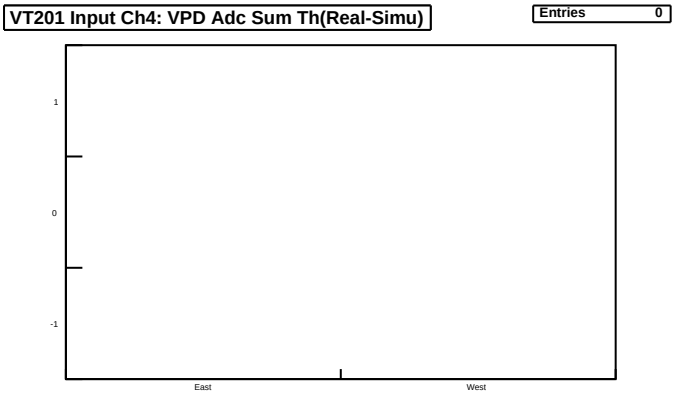

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3667784
11004
2778
24
16
9806
3916
49
43
447469
455695
458449
458457
448667
454557
458424
458430
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

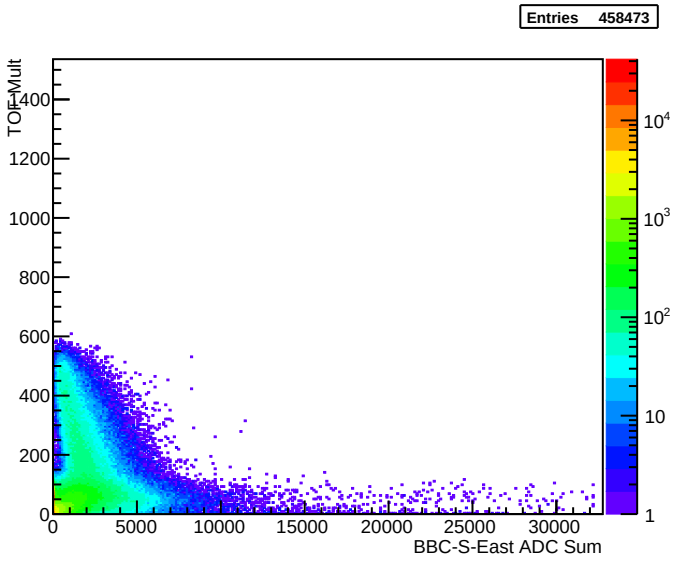

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

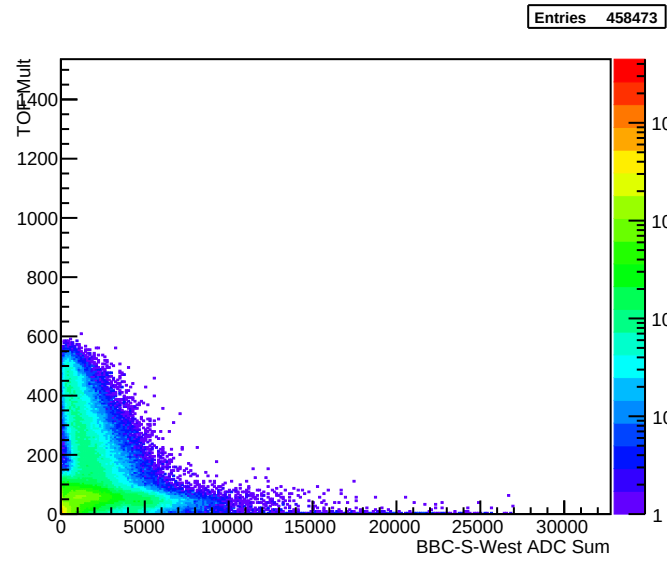

VT201 Input Ch4: VPD Tac Diff
Entries 458473
Tac

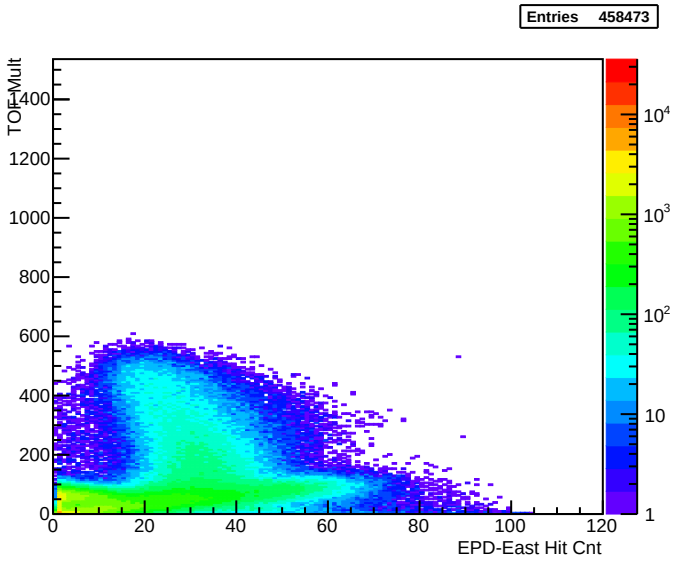

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

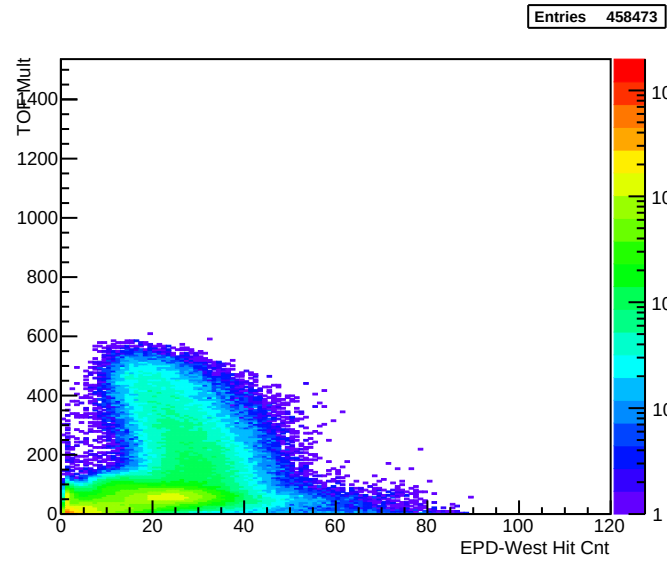

VT201 Input Ch4: VPD Adc Sum Th
Entries 916946
273503
351729
184970
106744
East
West

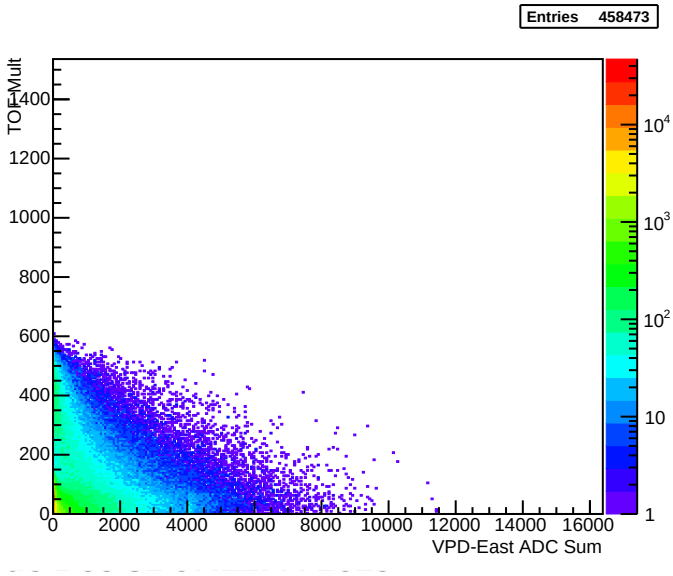

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

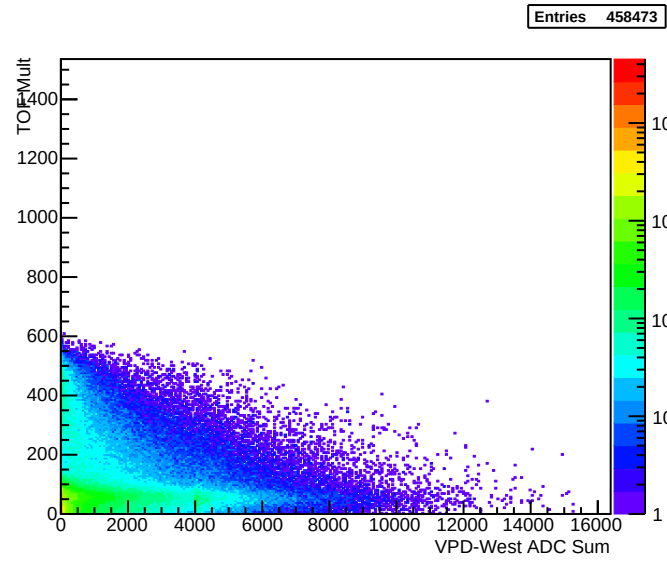

Entries 458473
TOF-Mult
BBC-S-East ADC Sum

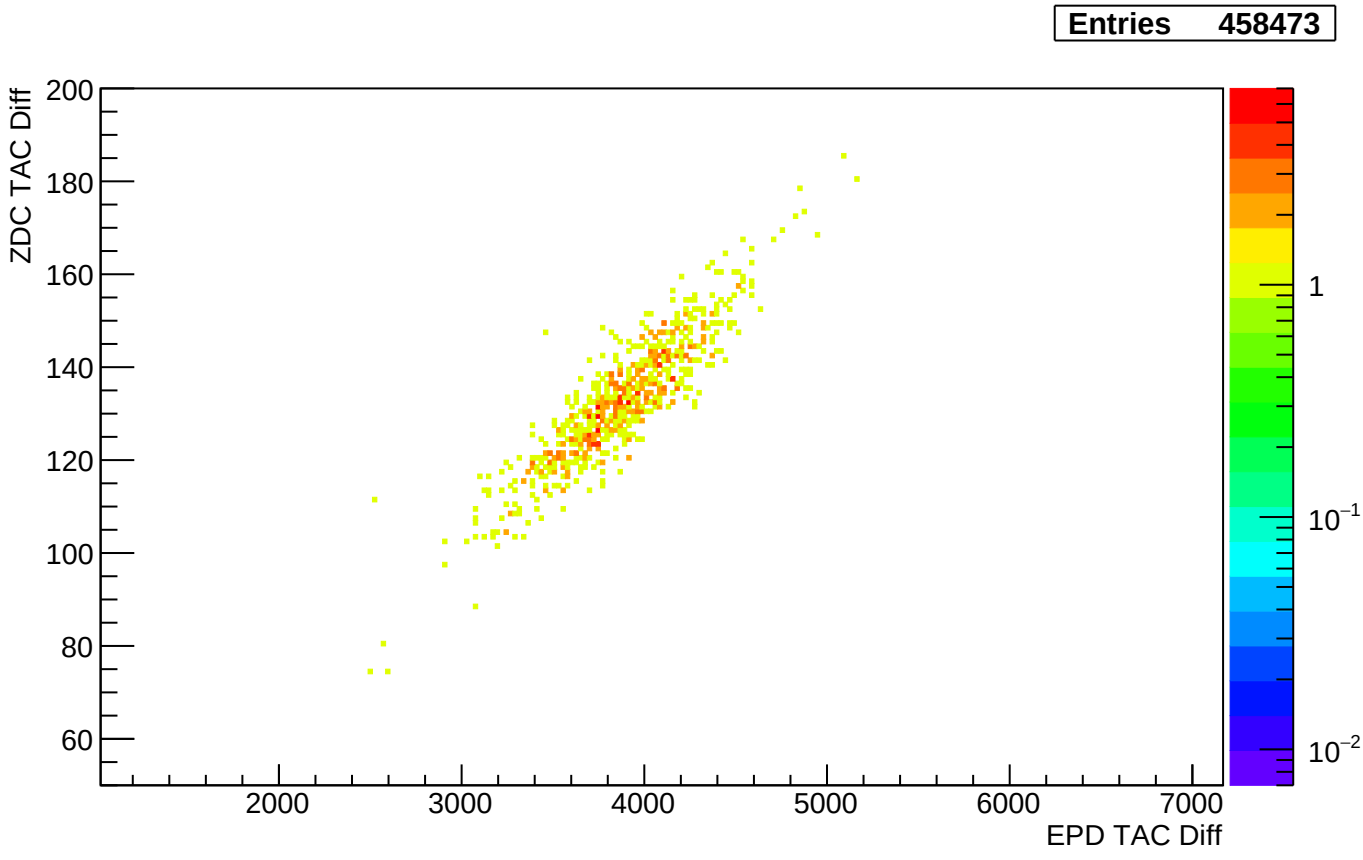

Entries 458473
TOF-Mult
BBC-S-West ADC Sum

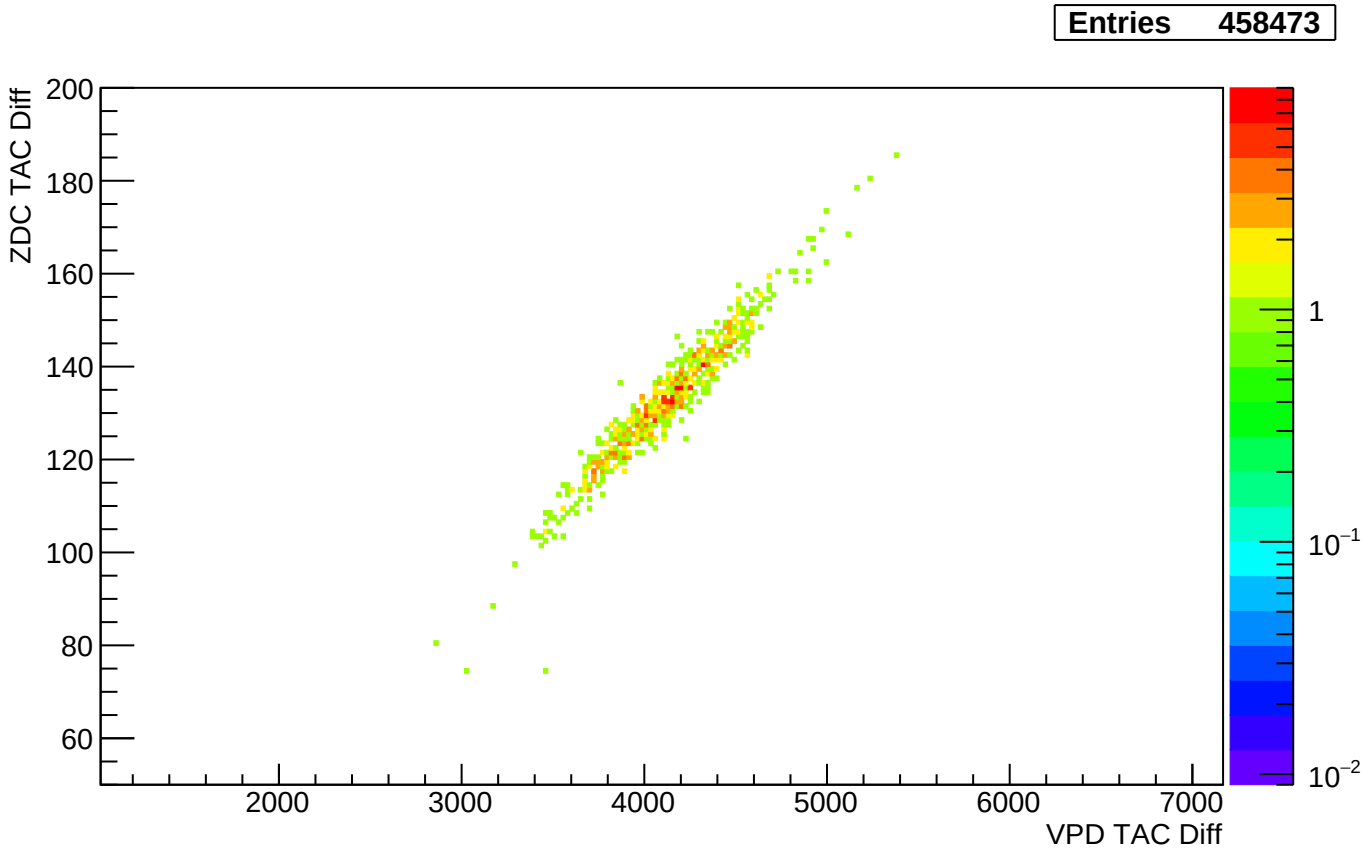

Entries 458473
TOF-Mult
EPD-East Hit Cnt

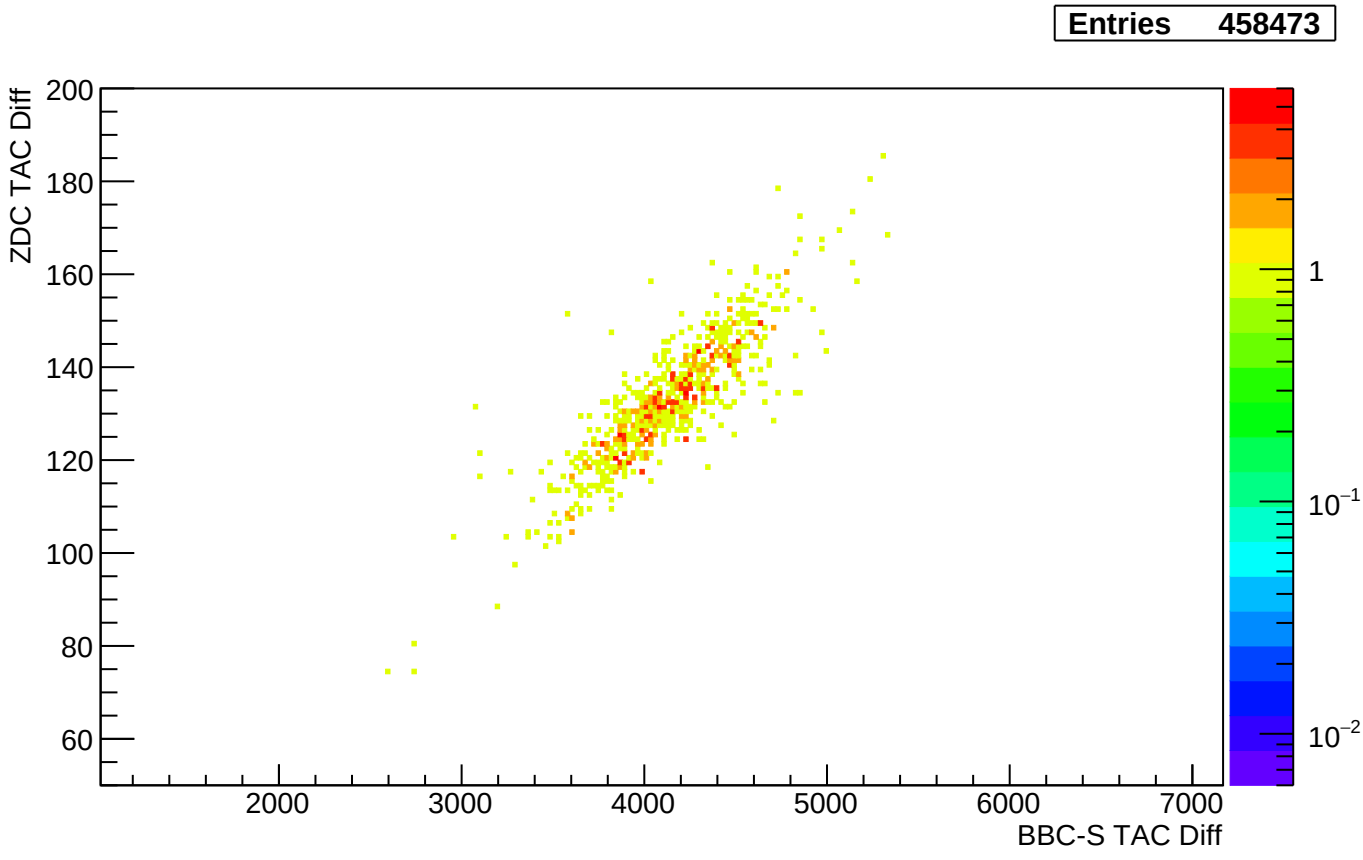

Entries 458473
TOF-Mult
EPD-West Hit Cnt

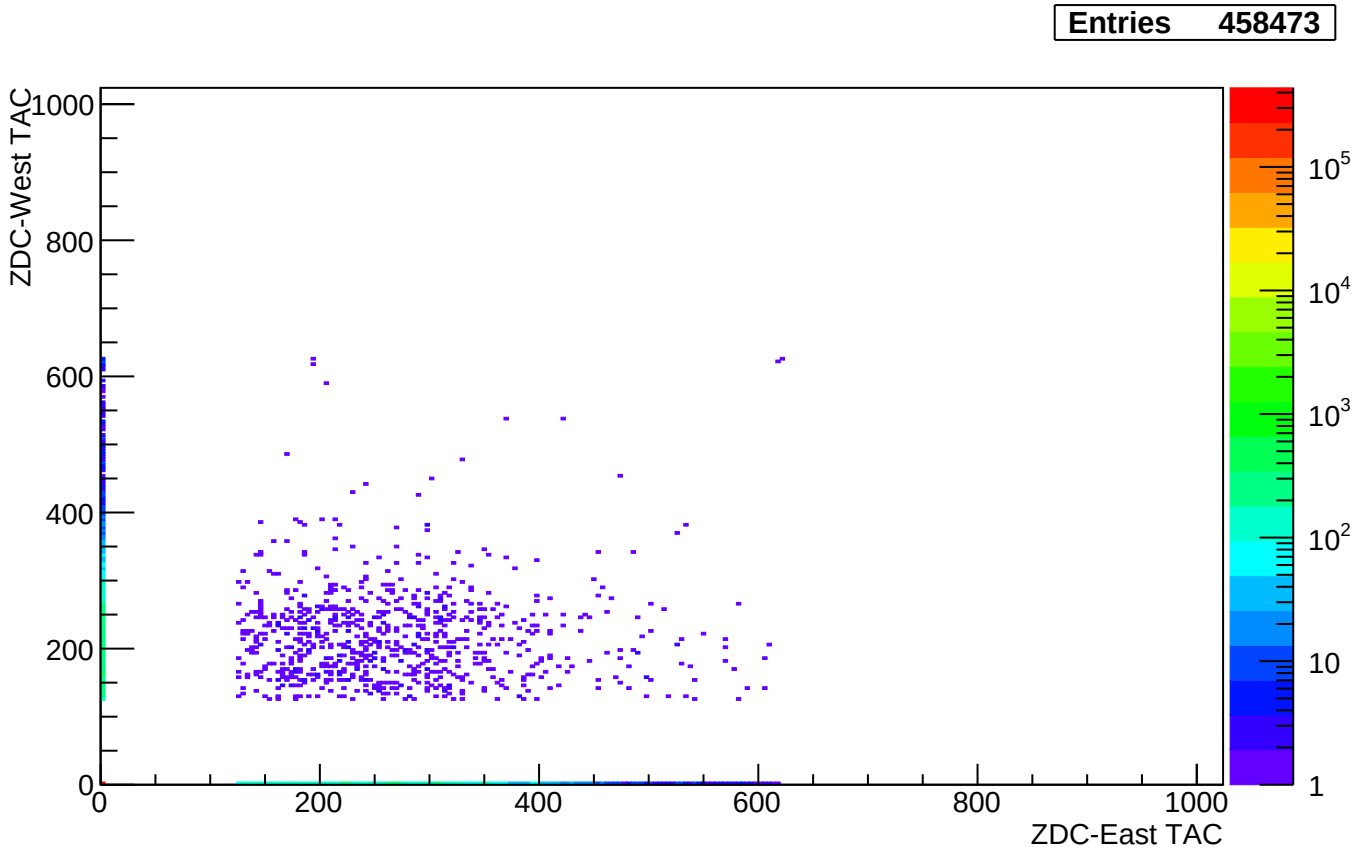

Entries 458473
TOF-Mult
VPD-East ADC Sum

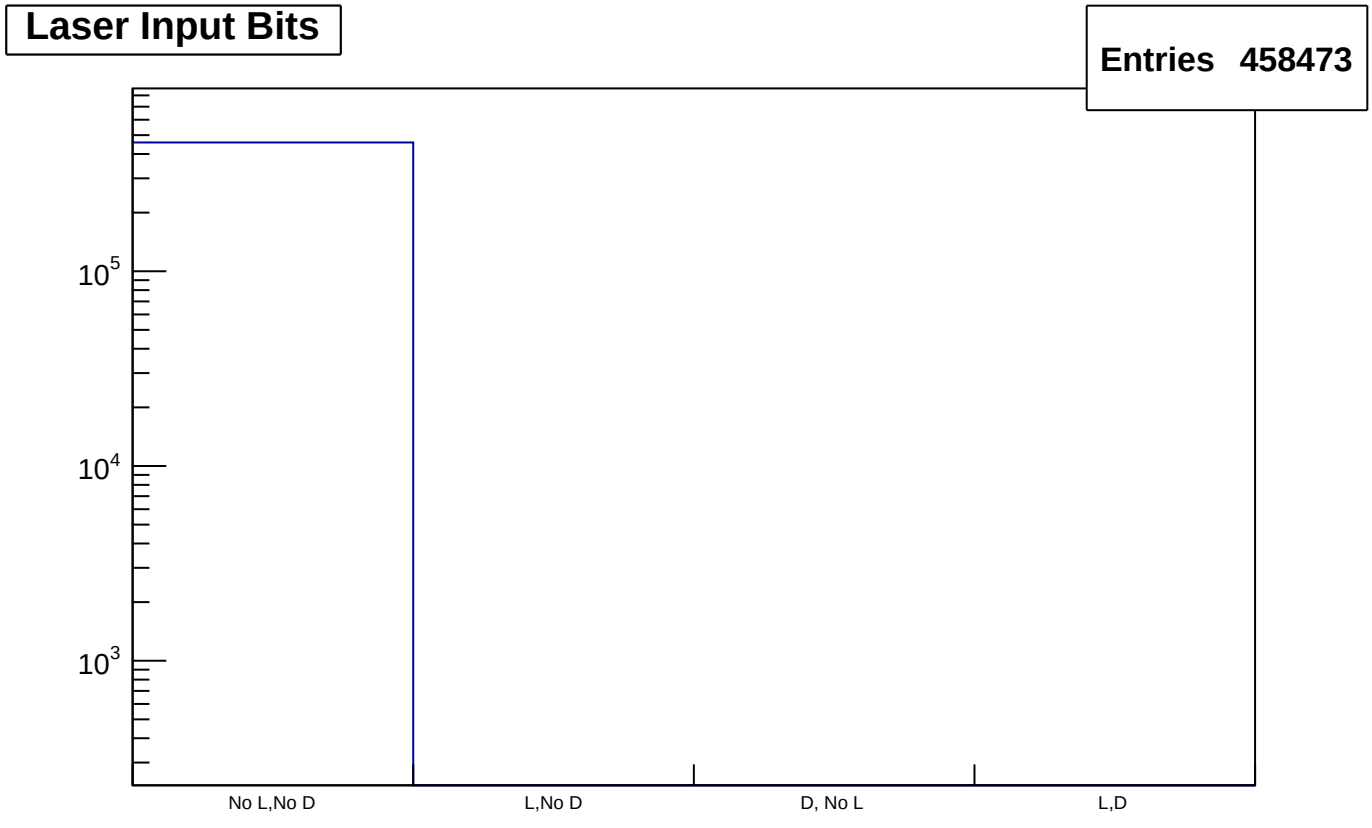

Entries 458473
TOF-Mult
VPD-West ADC Sum

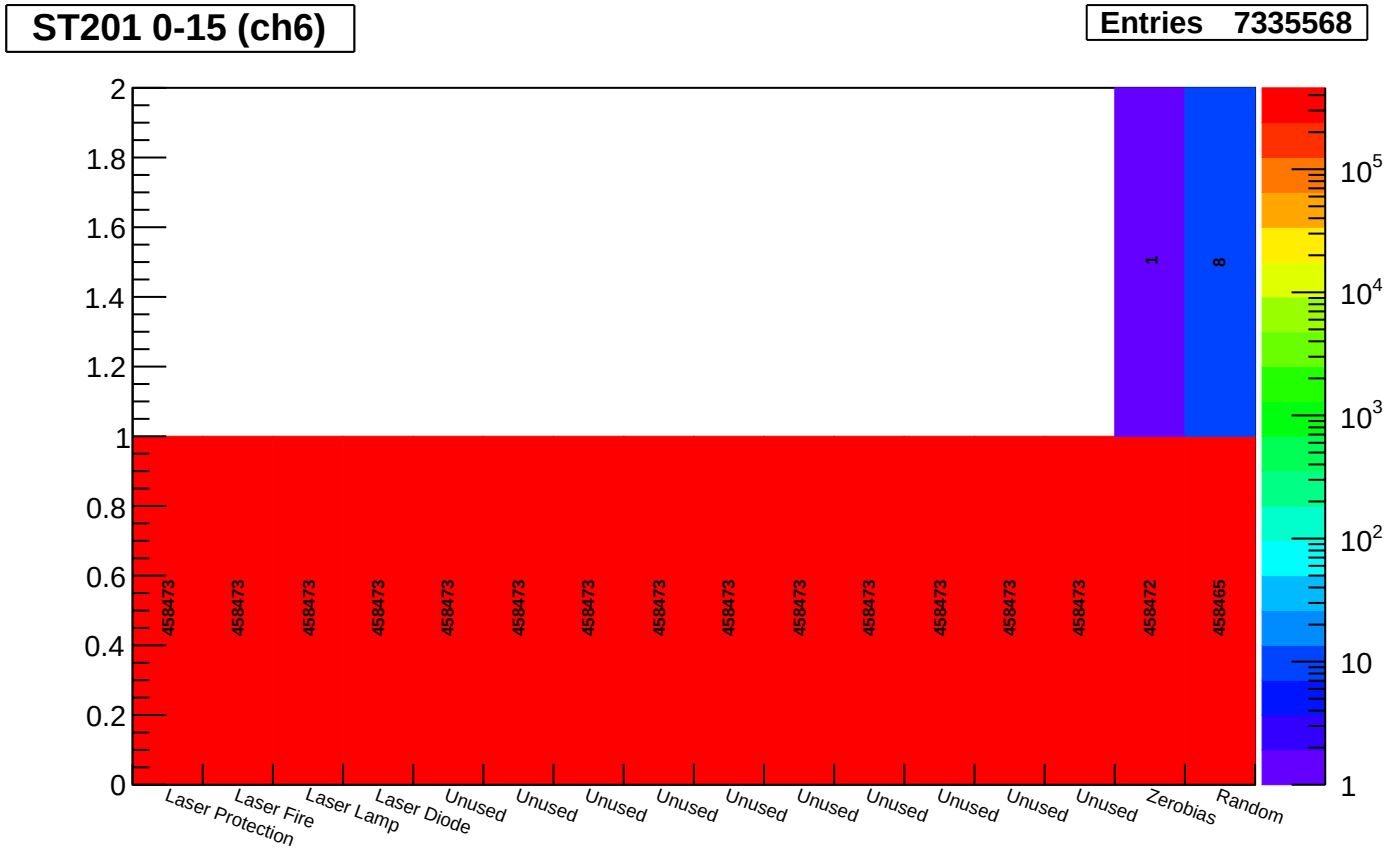

Entries 458473
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

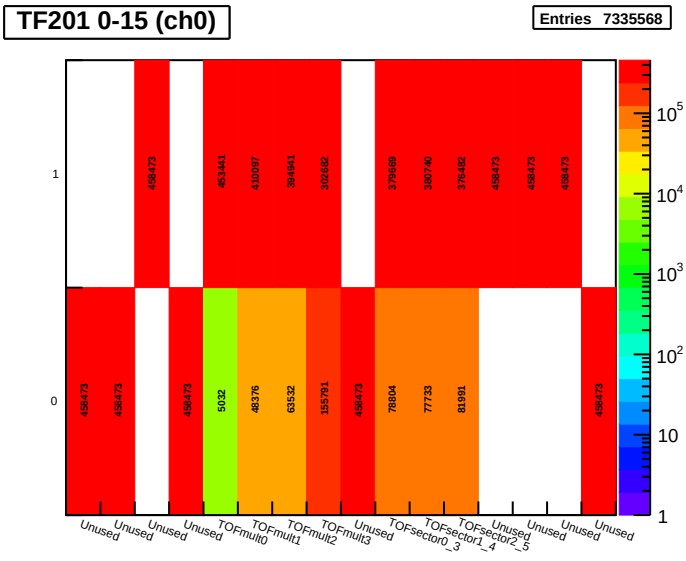

Entries 458473
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

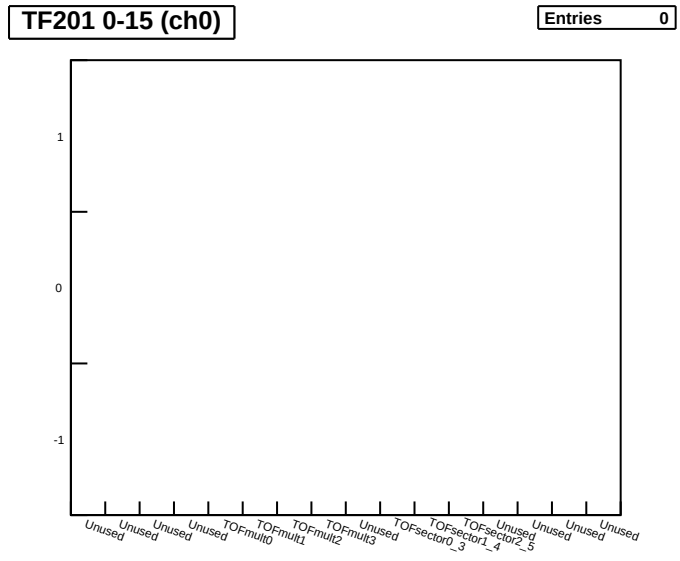

Entries 458473
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

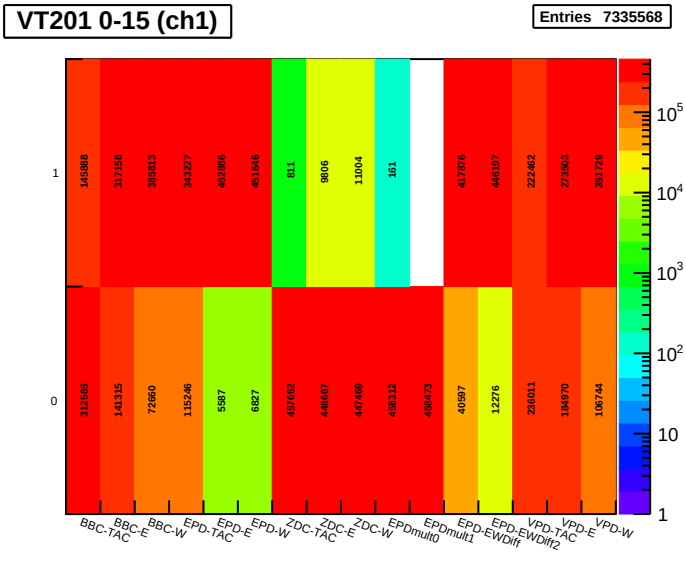

Entries 458473
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

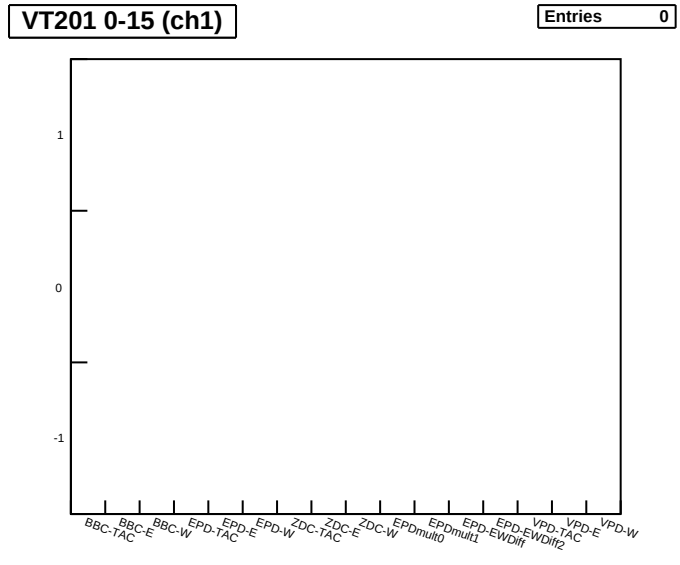

Laser Input Bits
Entries 458473
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

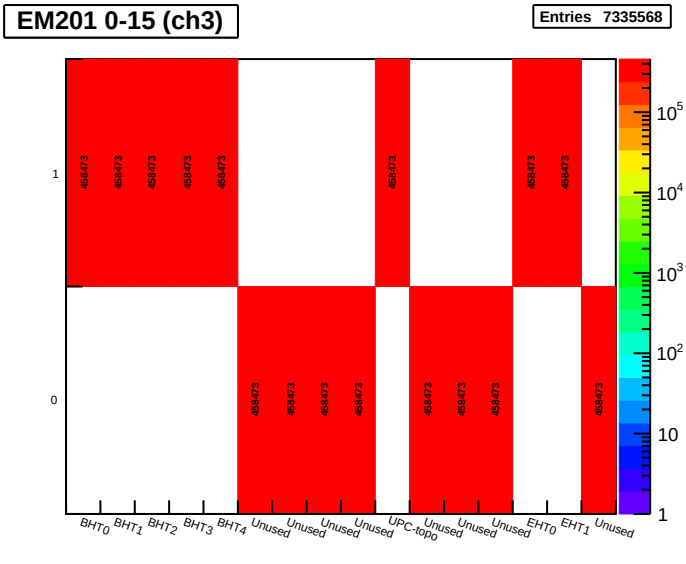

ST201 0-15 (ch6)
Entries 7335568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458472
458465
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

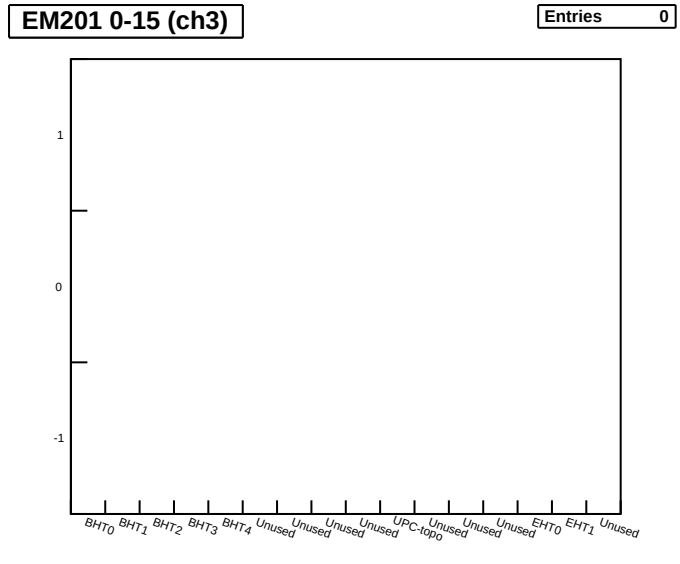

TF201 0-15 (ch0)
Entries 7335568
1
0
458473
453441
410097
394941
302682
379669
380740
376482
458473
458473
458473
458473
458473
5032
48376
63532
155791
458473
78804
77733
81991
458473
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 7335568
1
0
145888
317158
365813
343227
452886
451646
811
9806
11004
161
417876
446197
222462
273503
351729
312585
141315
72660
115246
5587
6827
457662
448667
447469
458312
458473
40597
12276
236011
184970
106744
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 7335568
1
0
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
458473
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1