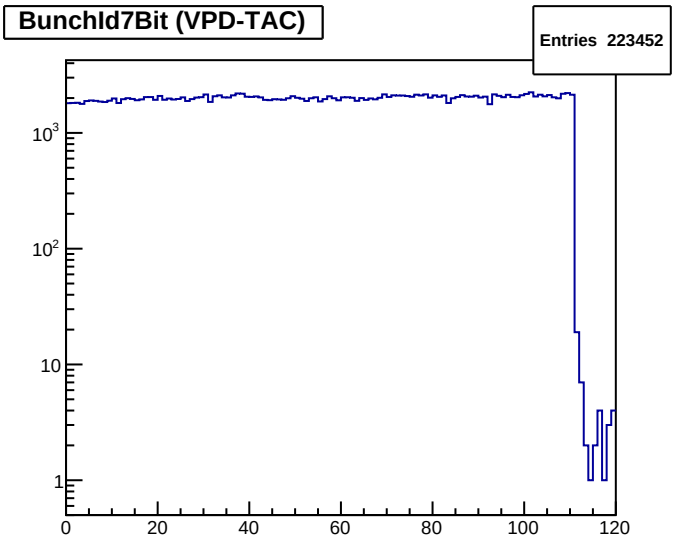
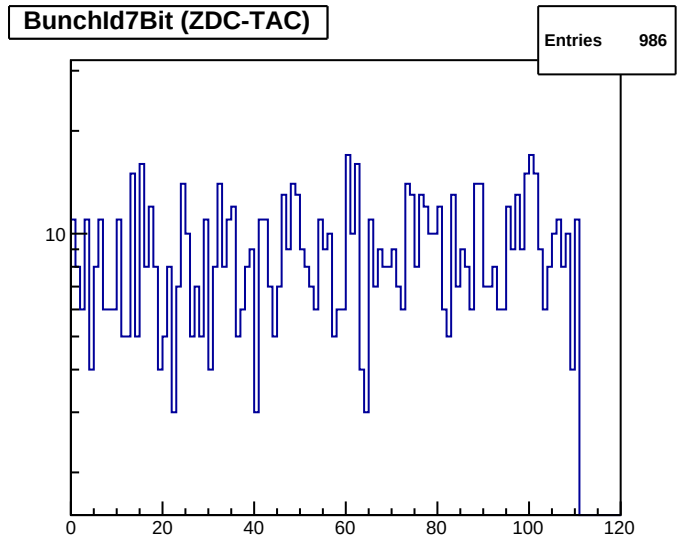
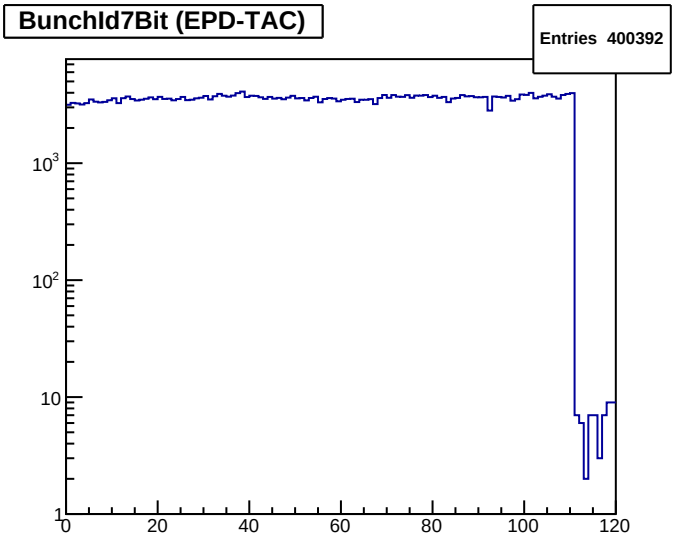
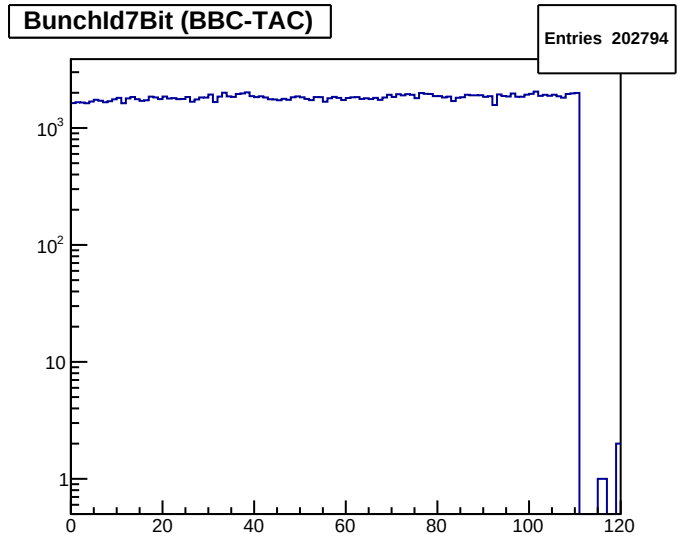
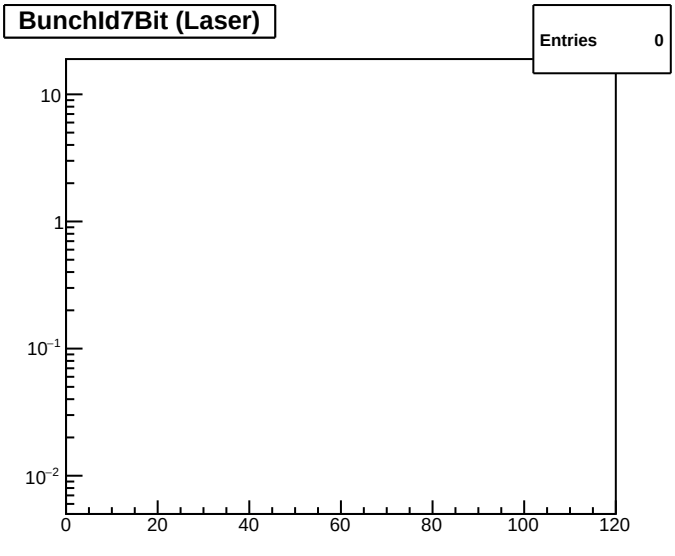
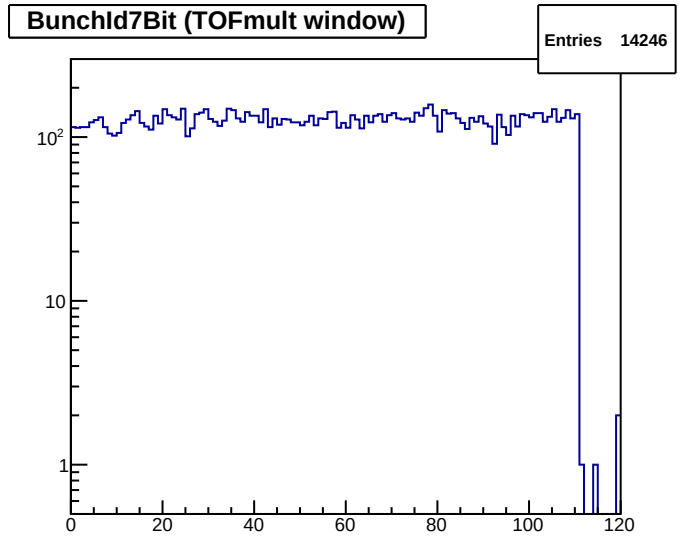

BunchId7Bit (VPD-TAC)
Entries 223452

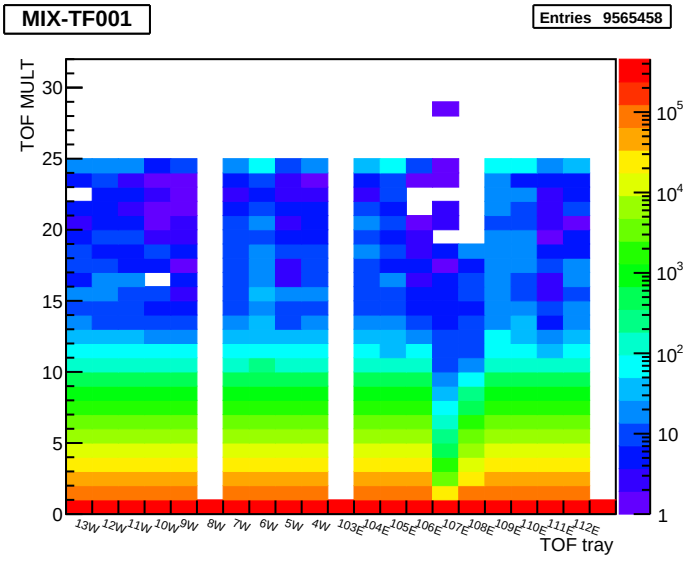

BunchId7Bit (ZDC-TAC)
Entries 986

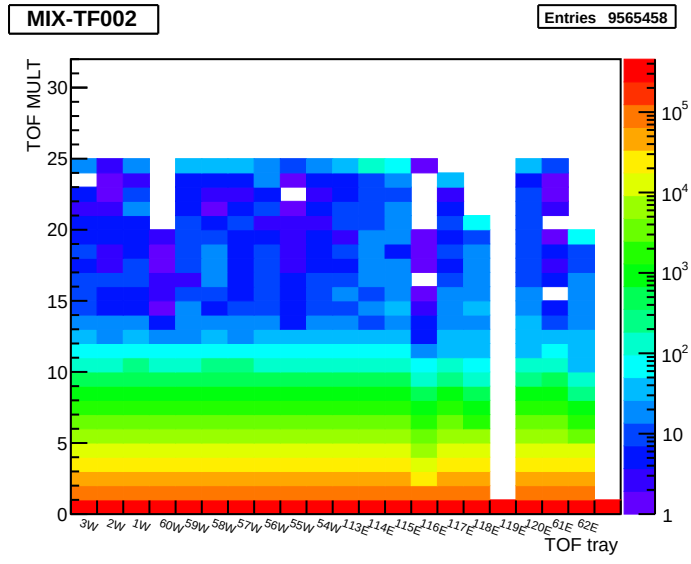

BunchId7Bit (EPD-TAC)
Entries 400392

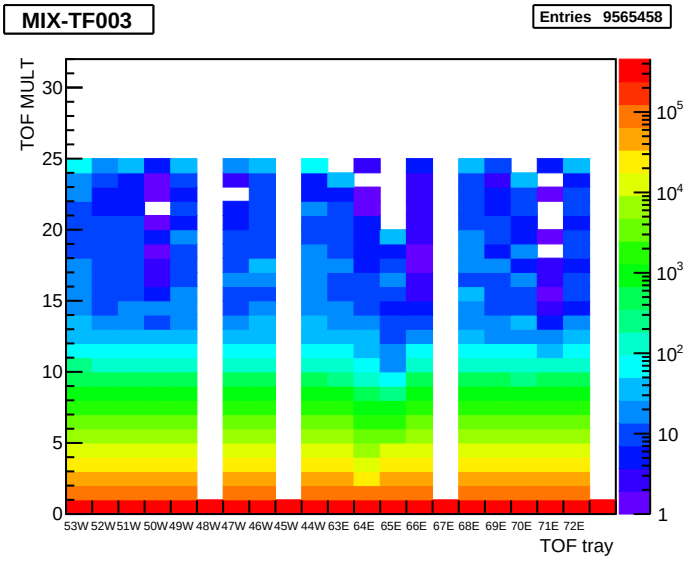

BunchId7Bit (BBC-TAC)
Entries 202794

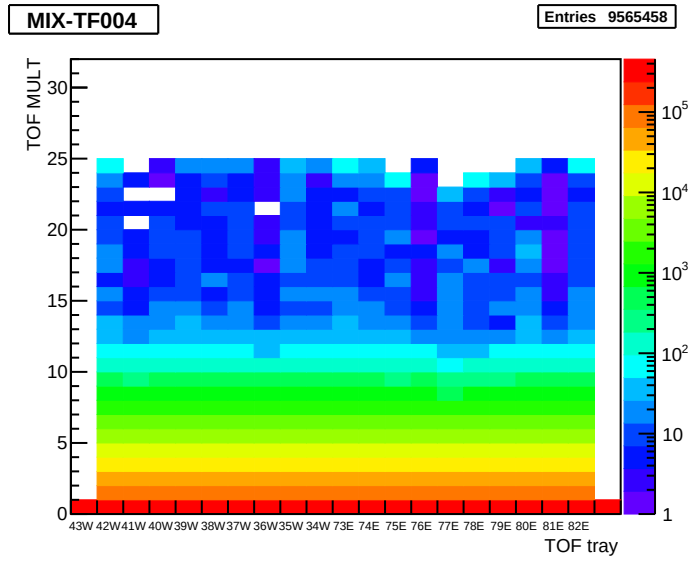

BunchId7Bit (Laser)
Entries 0

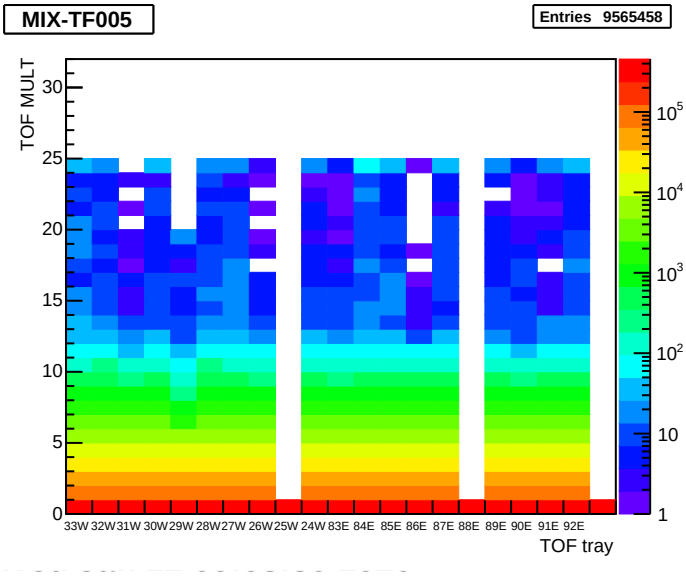

BunchId7Bit (TOFmult window)
Entries 14246

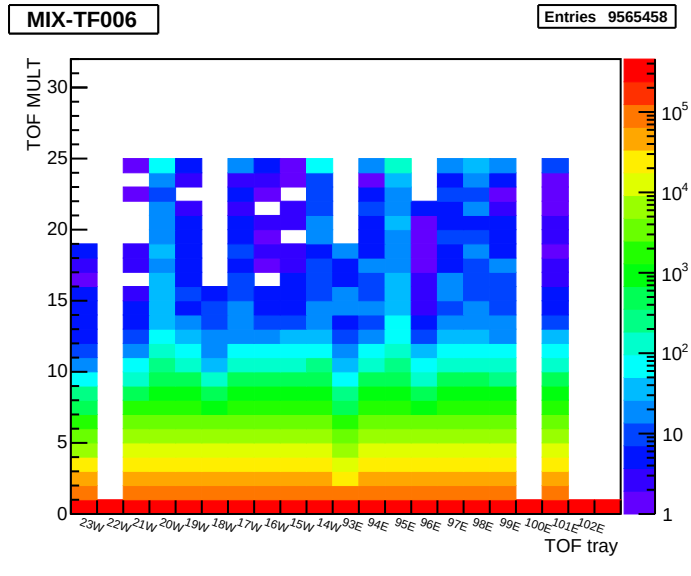

MIX-TF001
Entries 9565458
TOF MULT
TOF tray

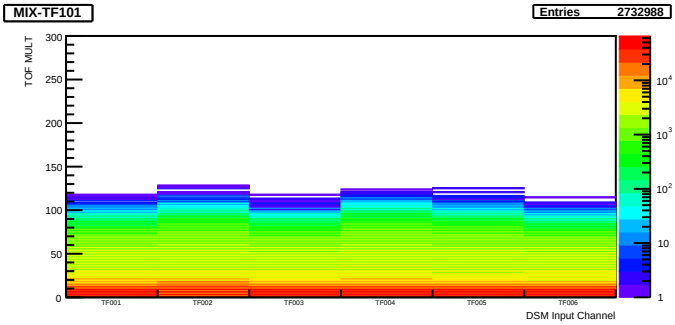

MIX-TF002
Entries 9565458
TOF MULT
TOF tray

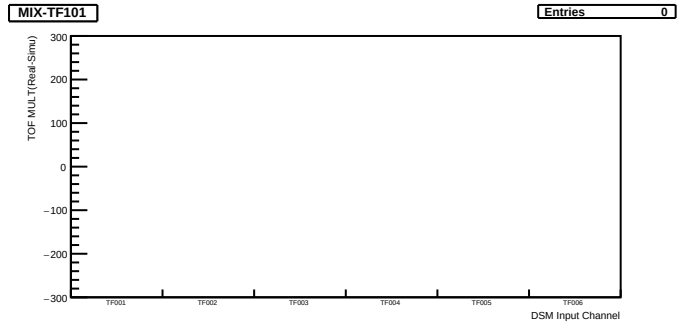

MIX-TF003
Entries 9565458
TOF MULT
TOF tray

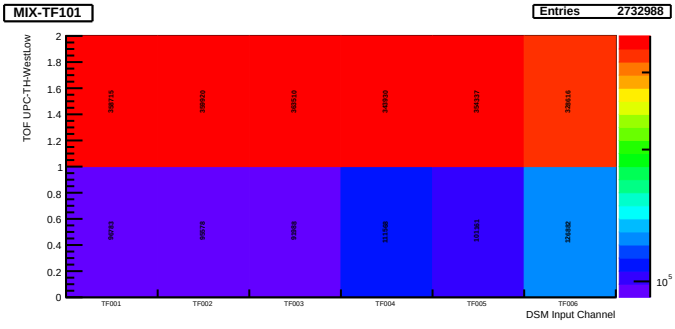

MIX-TF004
Entries 9565458
TOF MULT
TOF tray

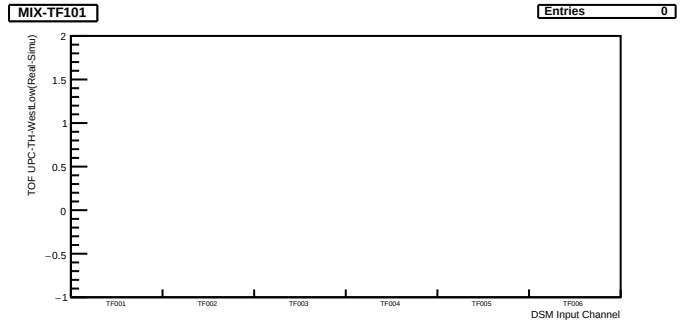

MIX-TF005
Entries 9565458
TOF MULT
TOF tray

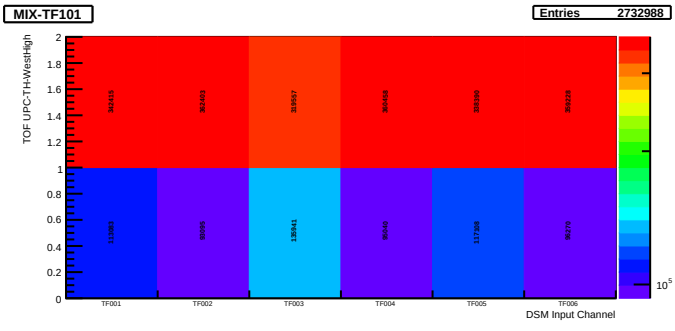

MIX-TF006
Entries 9565458
TOF MULT
TOF tray

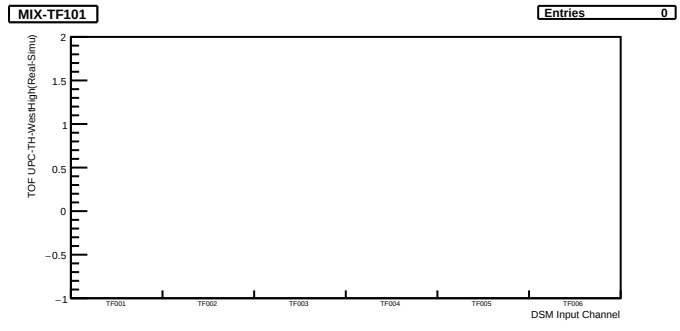

MIX-TF101
Entries 2732988
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

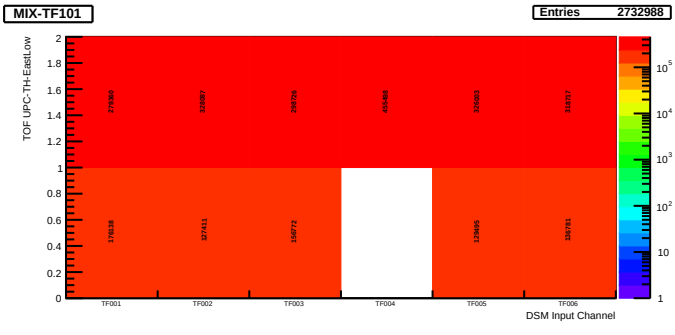

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

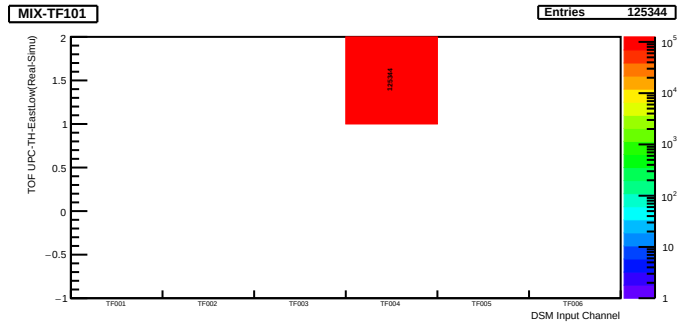

MIX-TF101
Entries 2732988
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

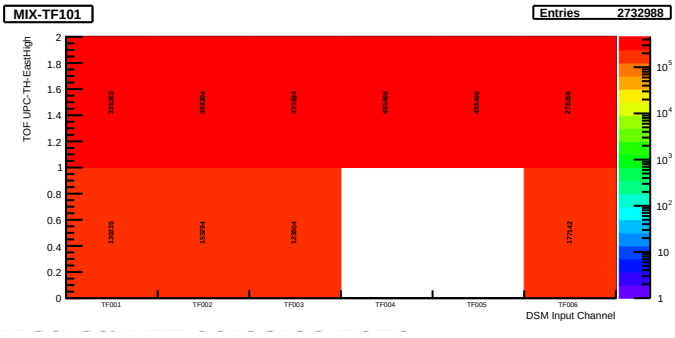

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

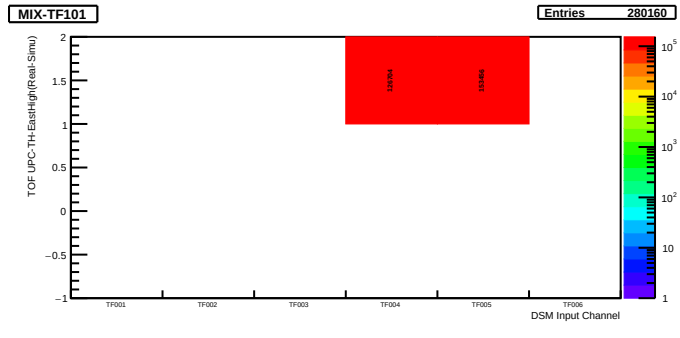

MIX-TF101
Entries 2732988
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

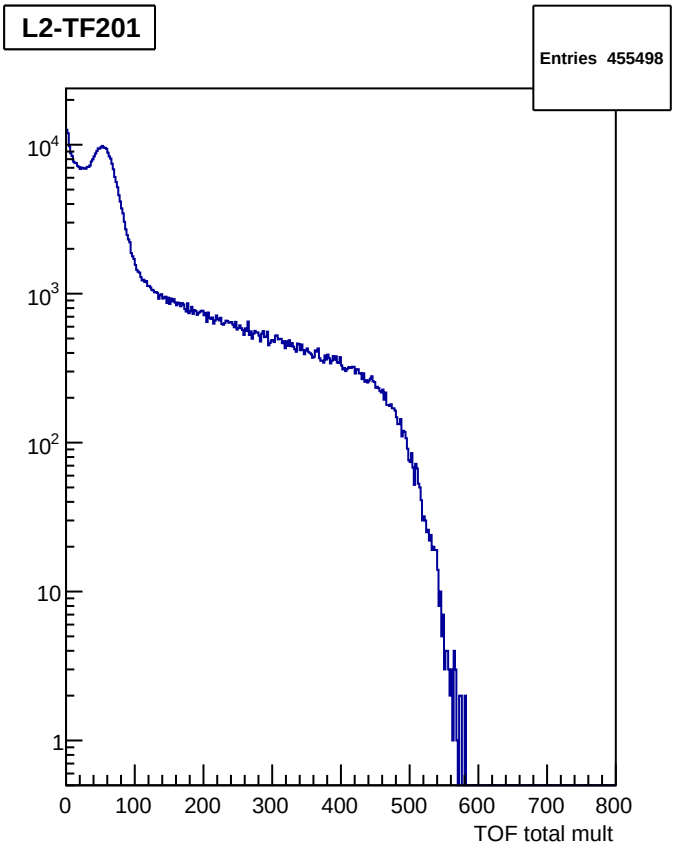

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

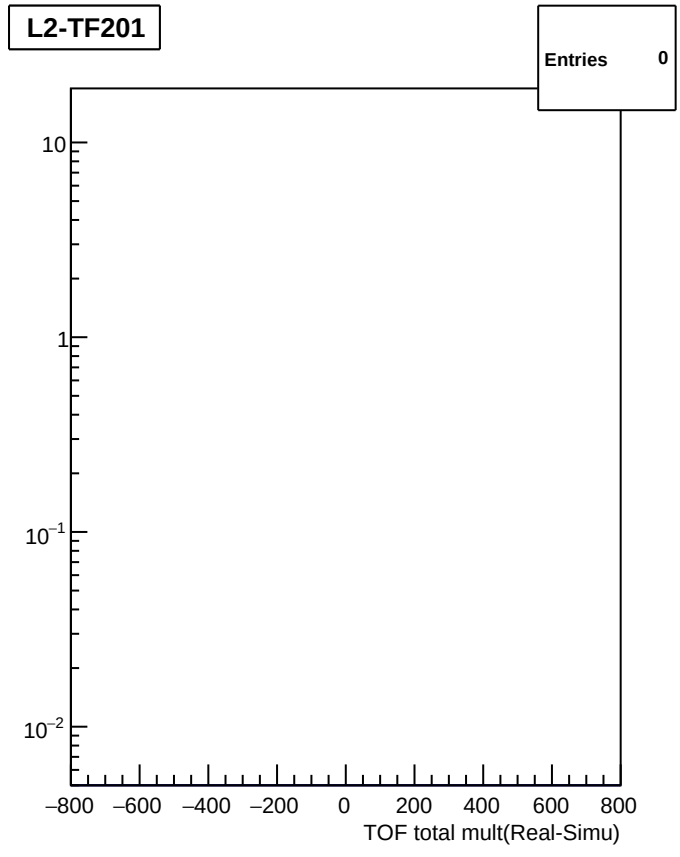

MIX-TF101
Entries 2732988
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

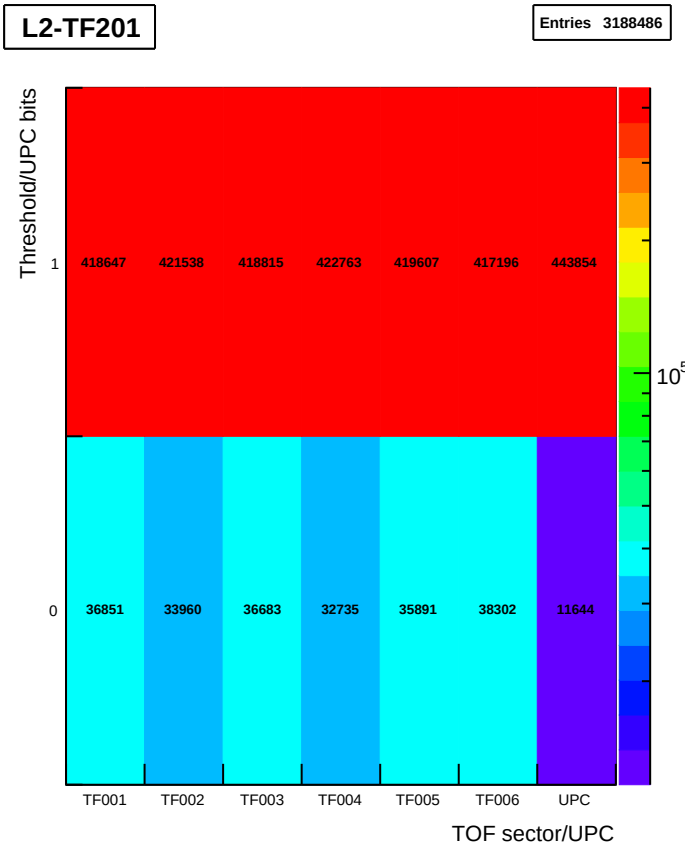

MIX-TF101
Entries 125344
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

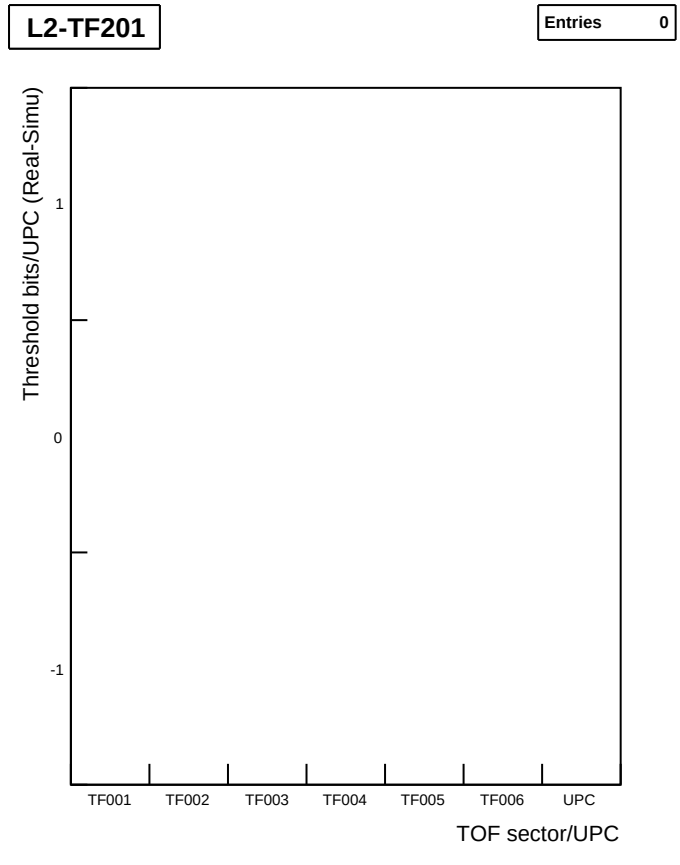

MIX-TF101
Entries 2732988
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

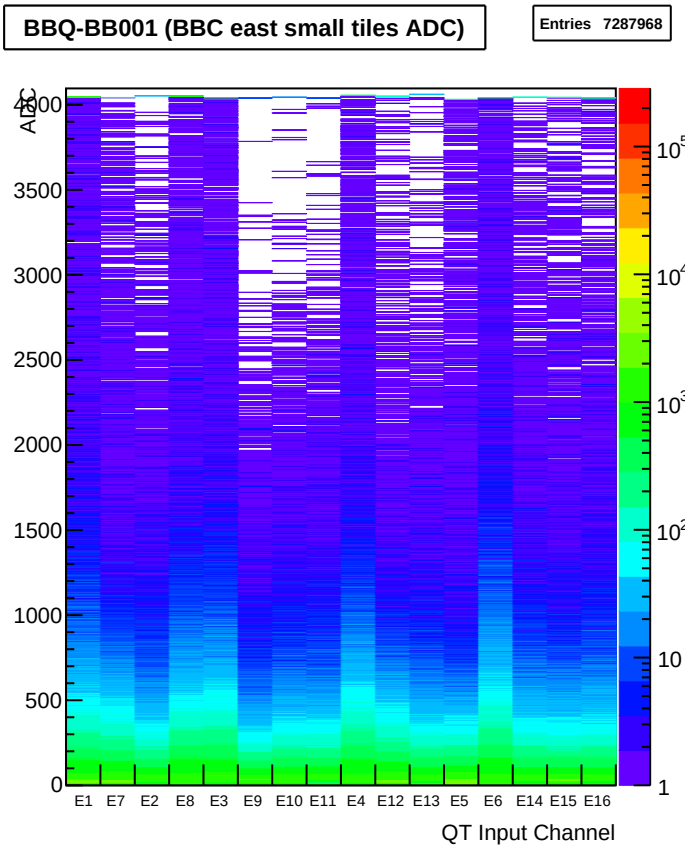

MIX-TF101
Entries 280160
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

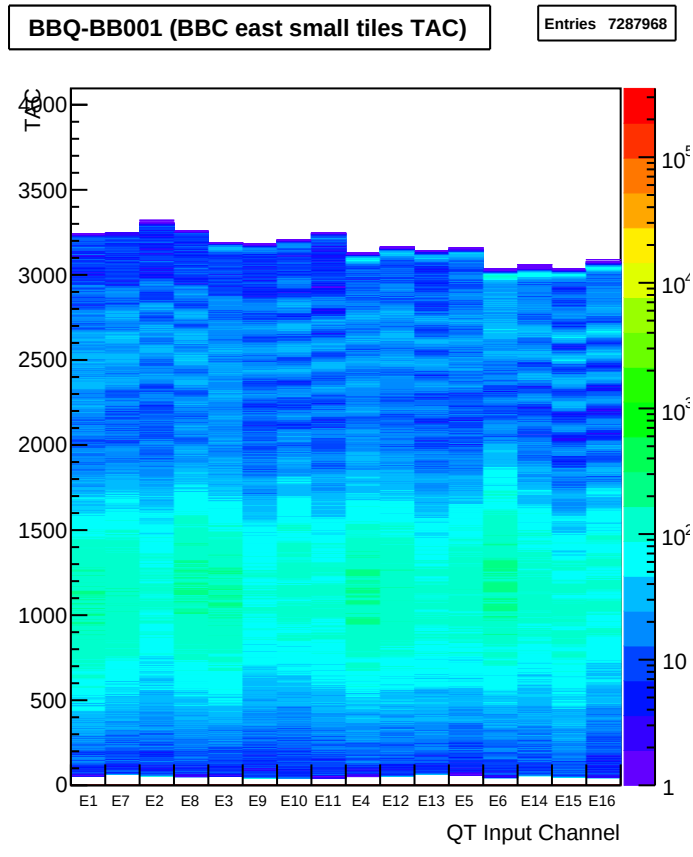

L2-TF201
Entries 455498
TOF total mult

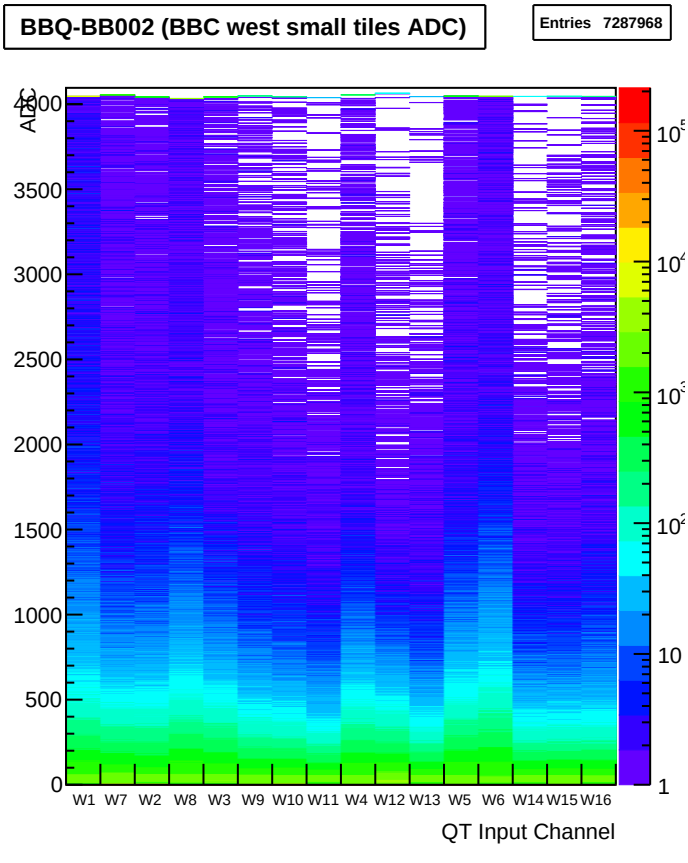

L2-TF201
Entries 0
TOF total mult(Real-Simu)

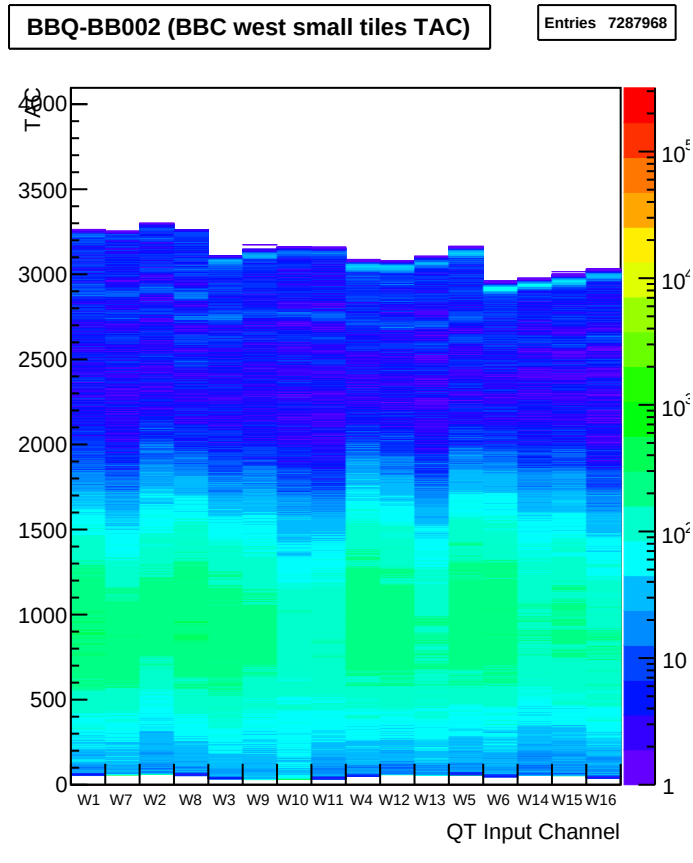

L2-TF201
Entries 3188486
Threshold/UPC bits
418647
421538
418815
422763
419607
417196
443854
36851
33960
36683
32735
35891
38302
11644
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

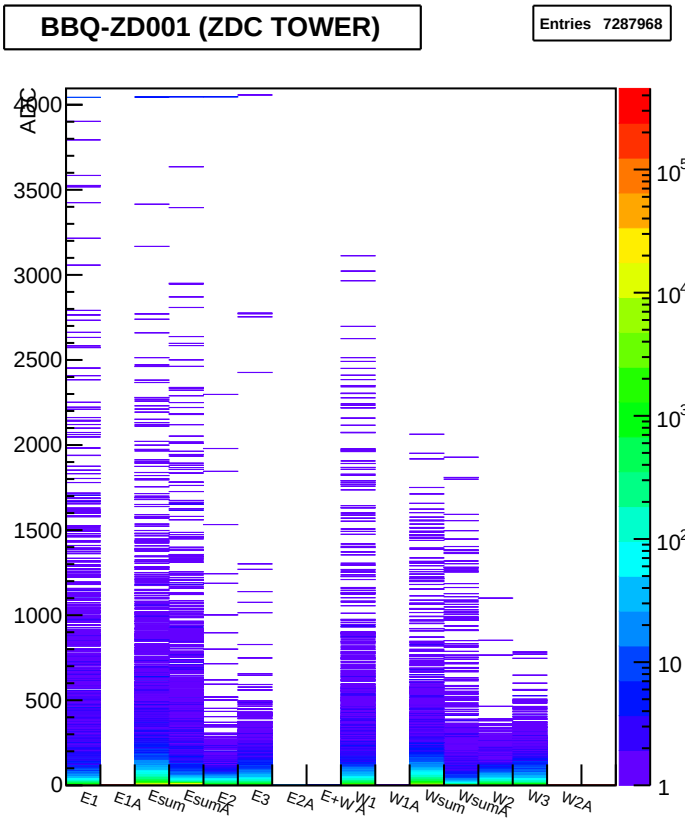

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

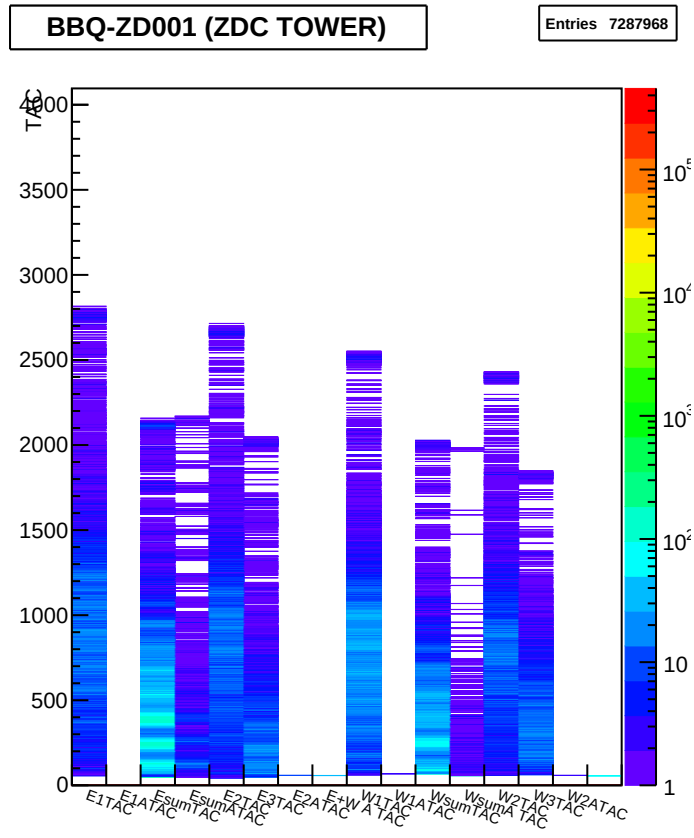

BBQ-BB001 (BBC east small tiles ADC)
Entries 7287968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

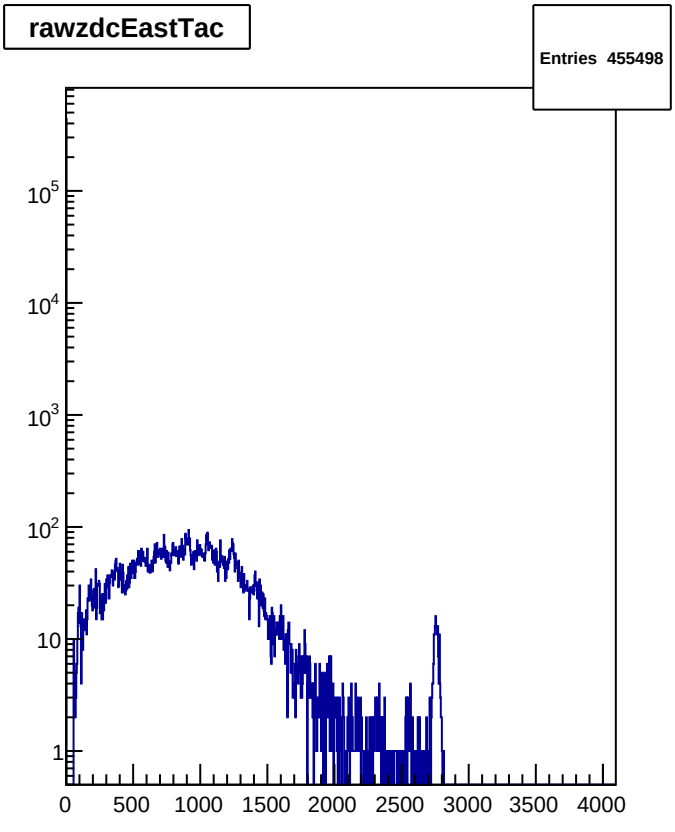

BBQ-BB001 (BBC east small tiles TAC)
Entries 7287968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

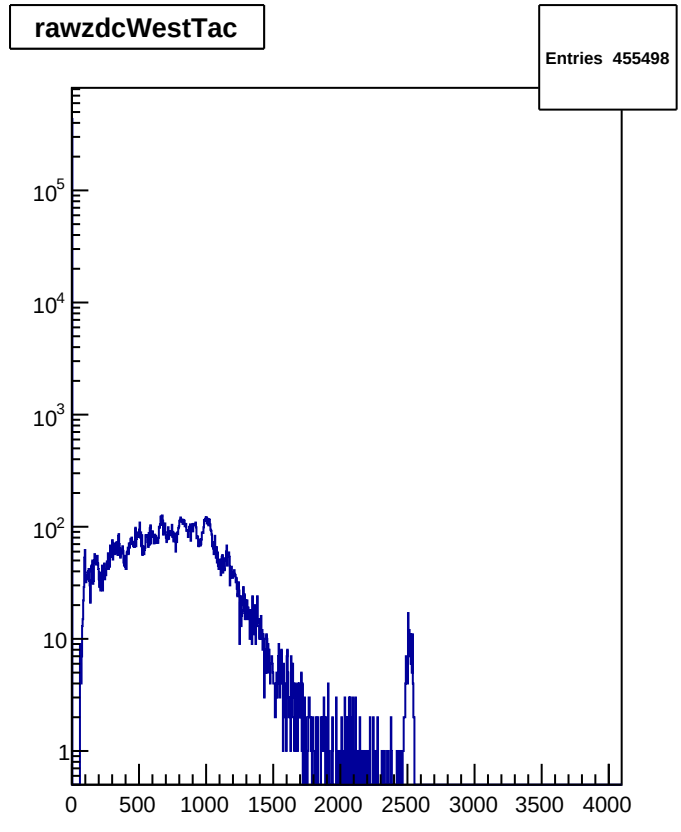

BBQ-BB002 (BBC west small tiles ADC)
Entries 7287968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

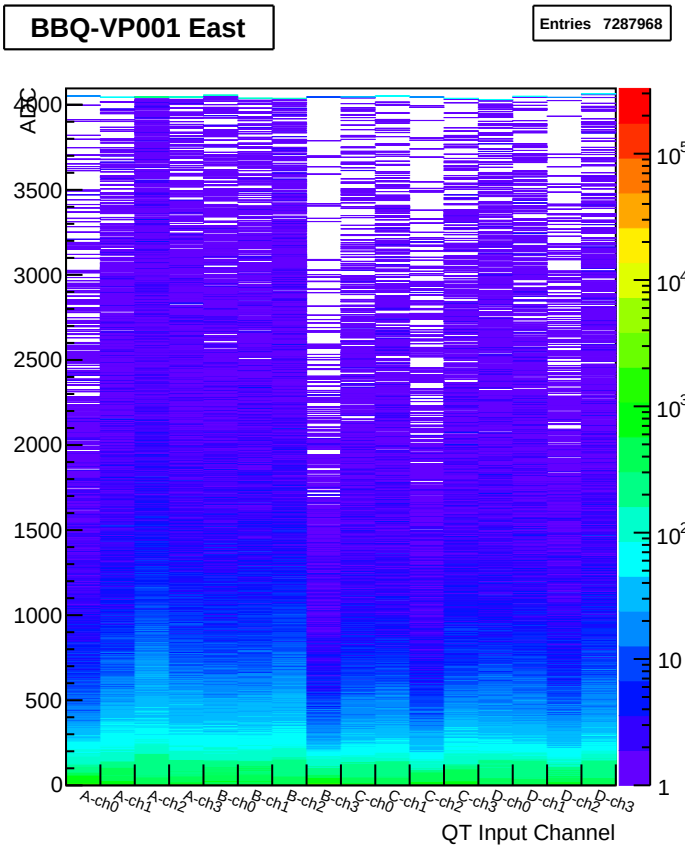

BBQ-BB002 (BBC west small tiles TAC)
Entries 7287968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

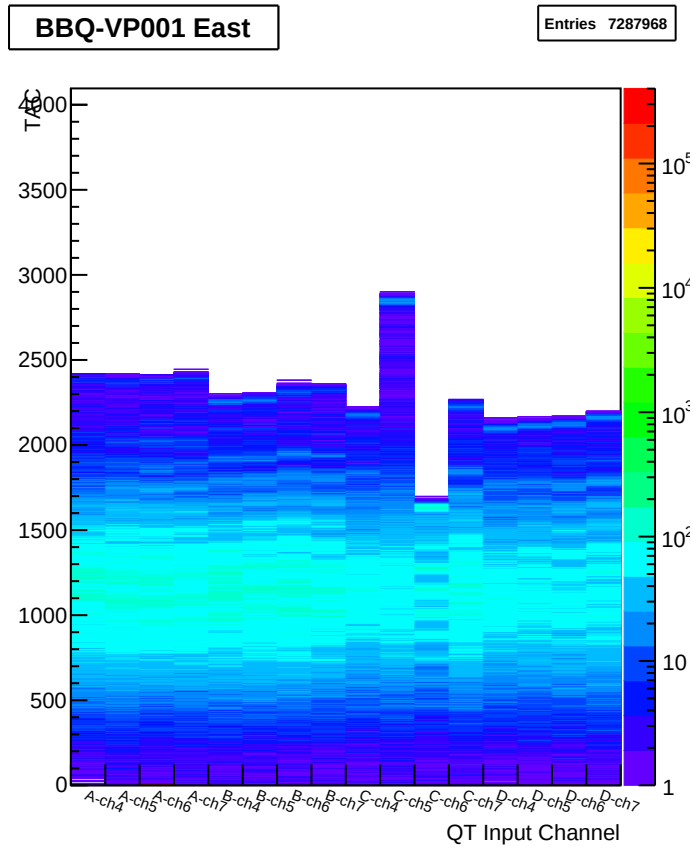

BBQ-ZD001 (ZDC TOWER)
Entries 7287968
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

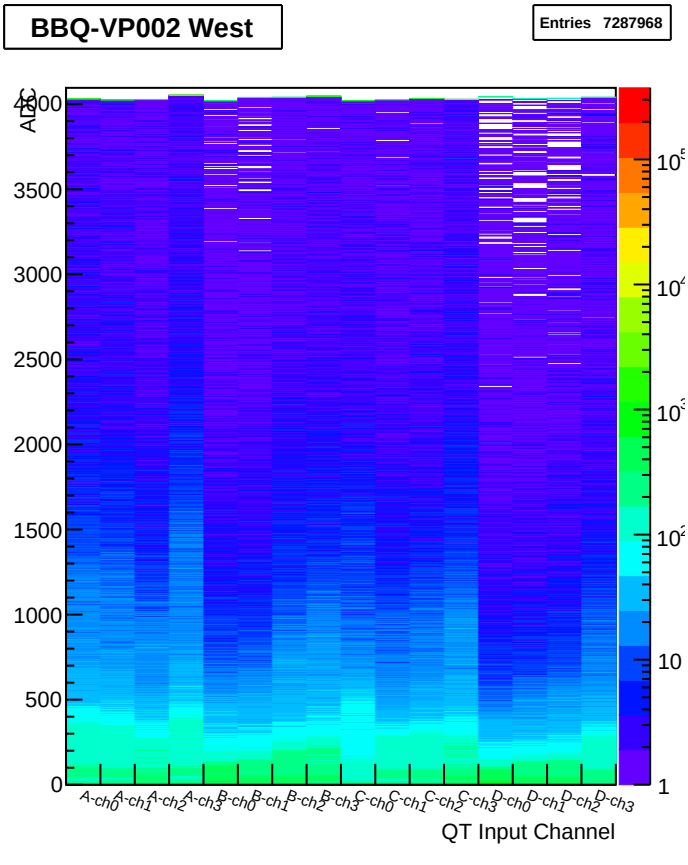

BBQ-ZD001 (ZDC TOWER)
Entries 7287968
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

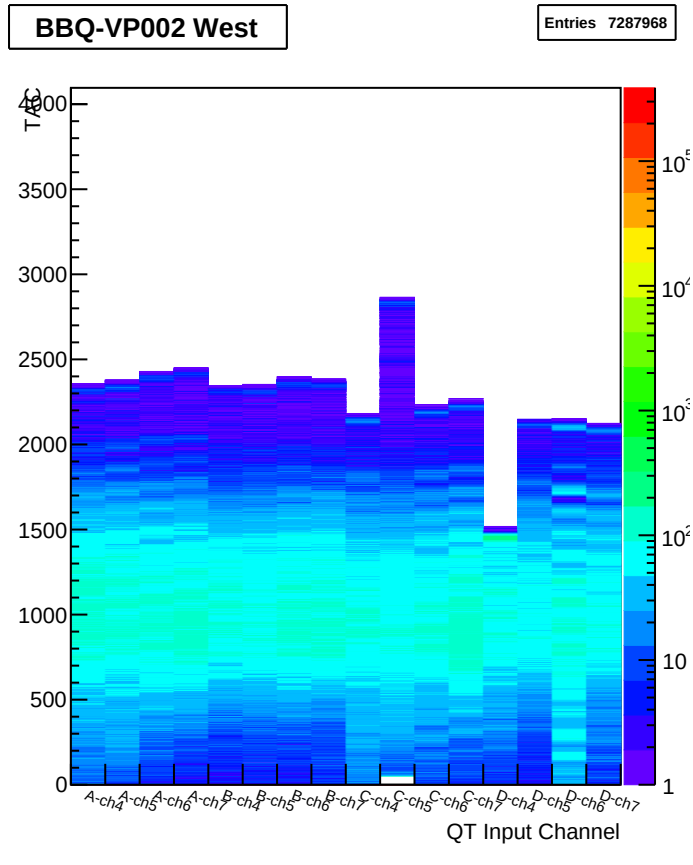

rawzdcEastTac
Entries 455498

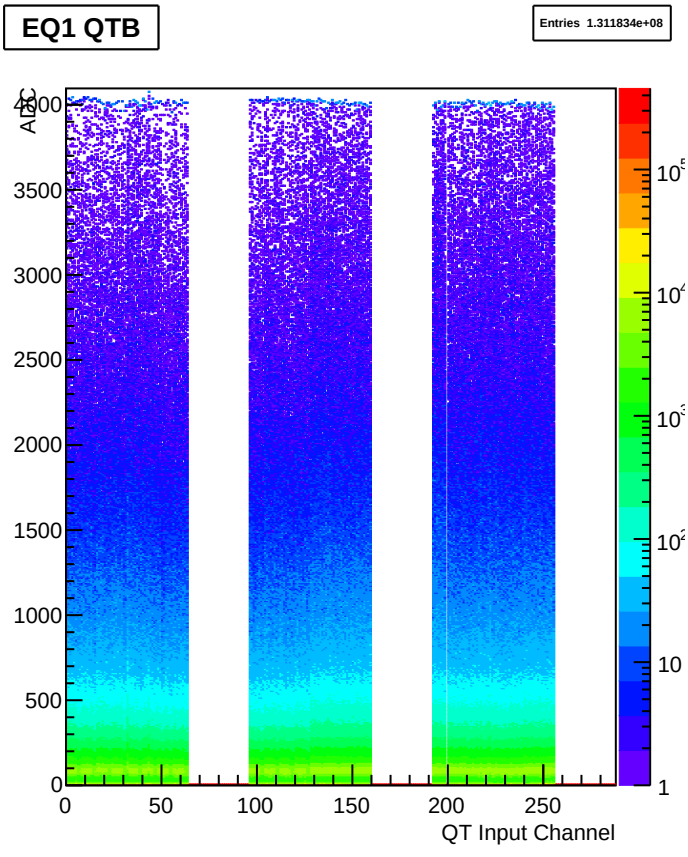

rawzdcWestTac
Entries 455498

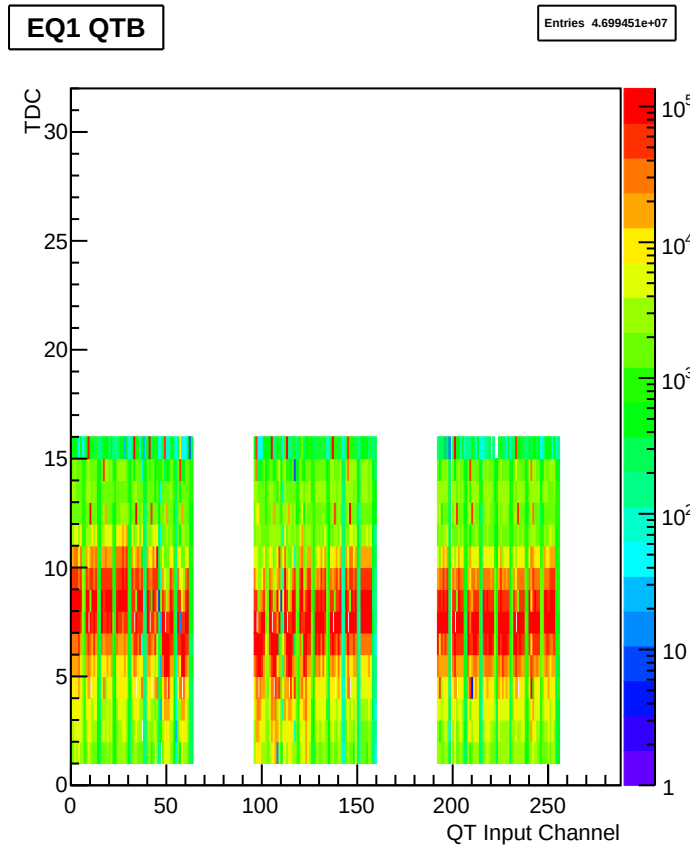

BBQ-VP001 East
Entries 7287968
ADC
QT Input Channel

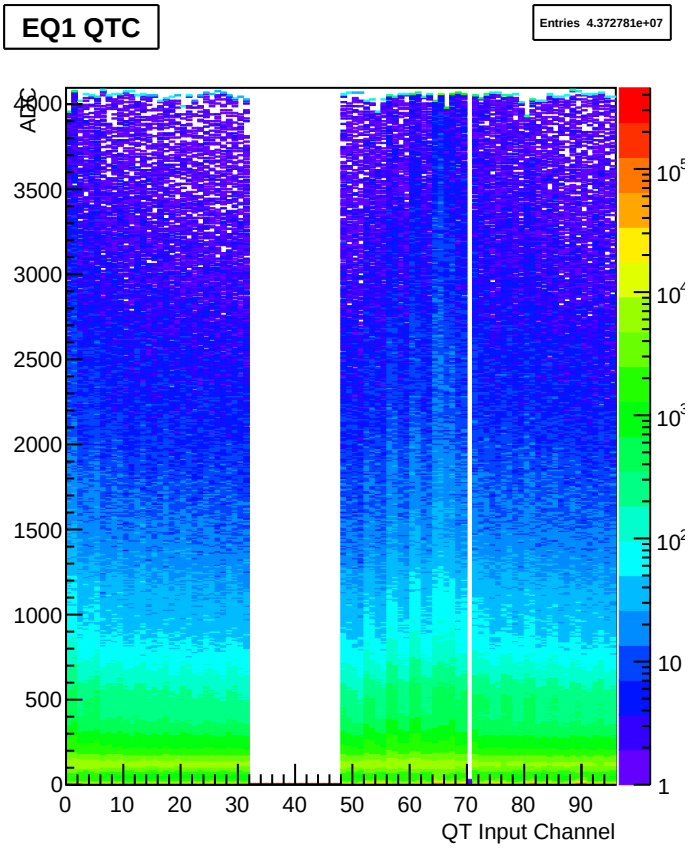

BBQ-VP001 East
Entries 7287968
ADC
QT Input Channel

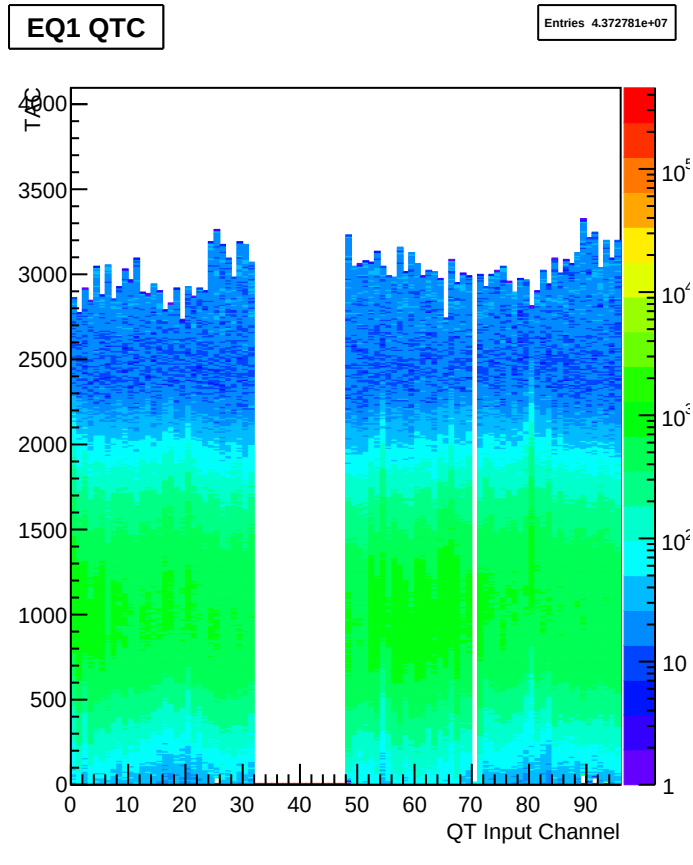

BBQ-VP002 West
Entries 7287968
ADC
QT Input Channel

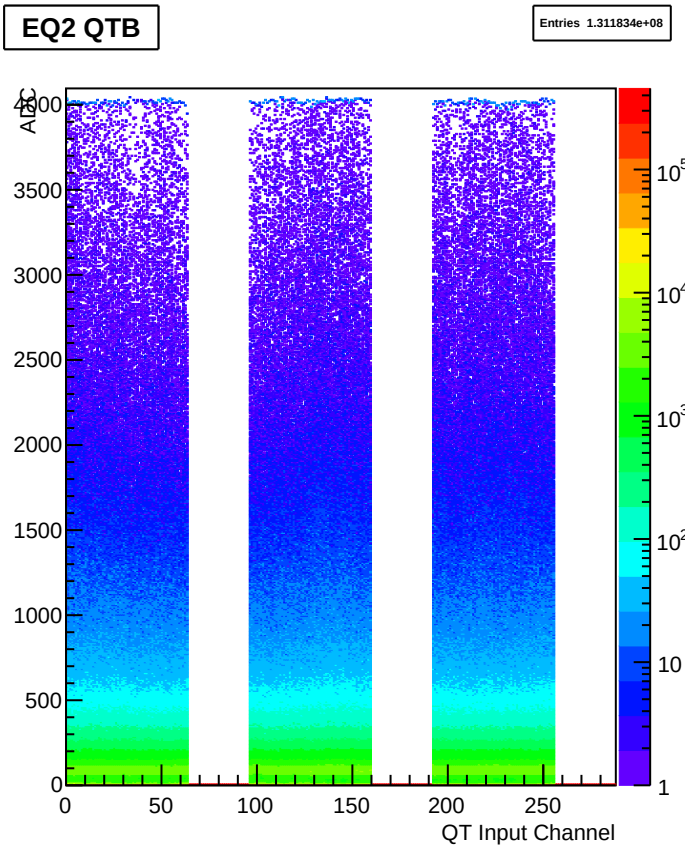

BBQ-VP002 West
Entries 7287968
ADC
QT Input Channel

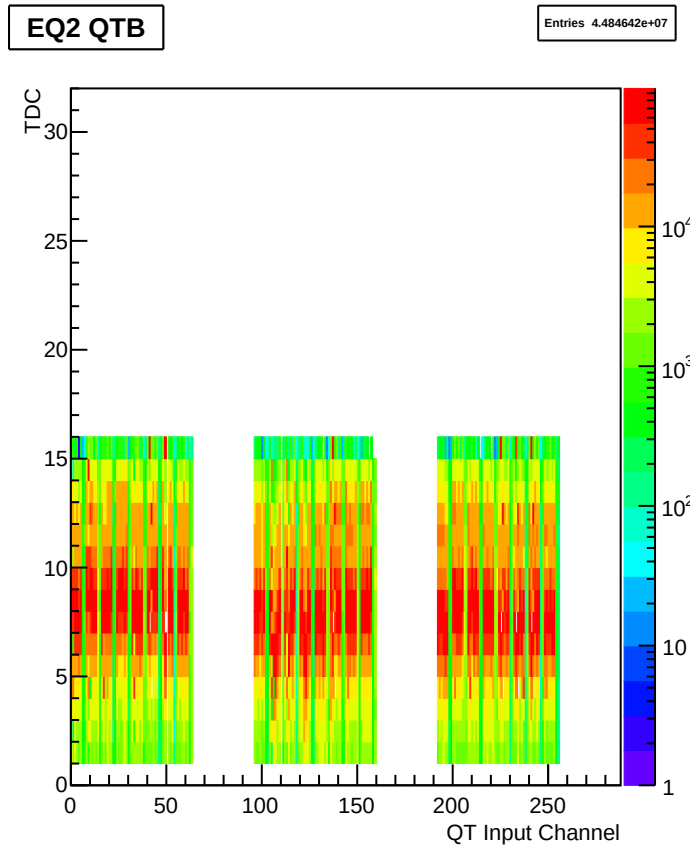

EQ1 QTB
Entries 1.311834e+08
ADC
QT Input Channel

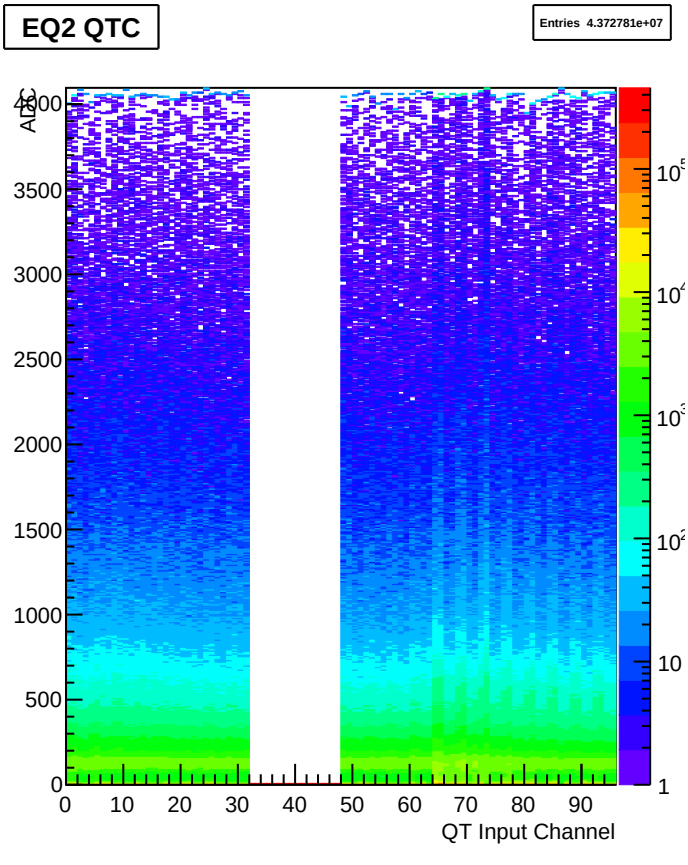

EQ1 QTB
Entries 4.699451e+07
TDC
QT Input Channel

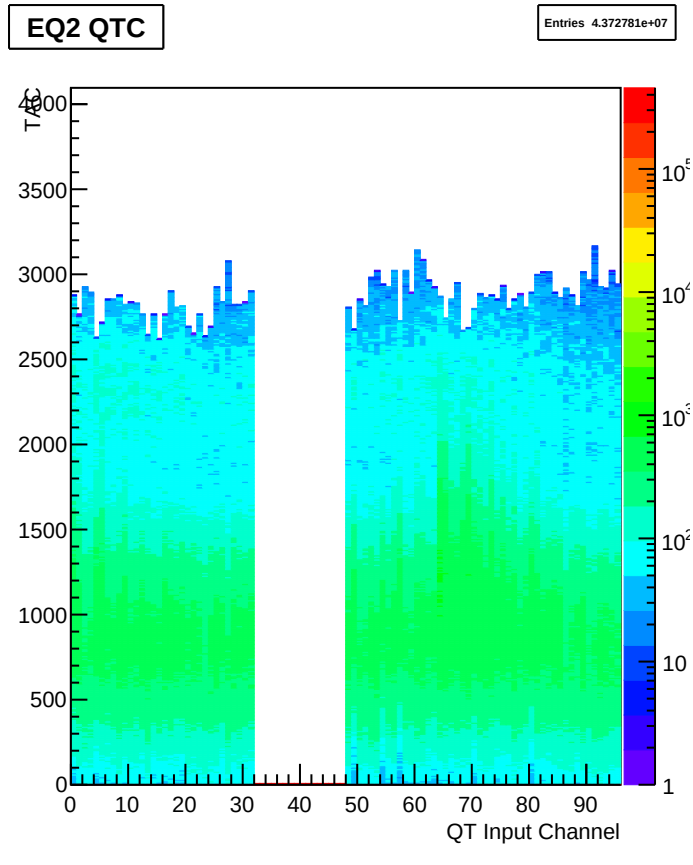

EQ1 QTC
Entries 4.372781e+07
ADC
QT Input Channel

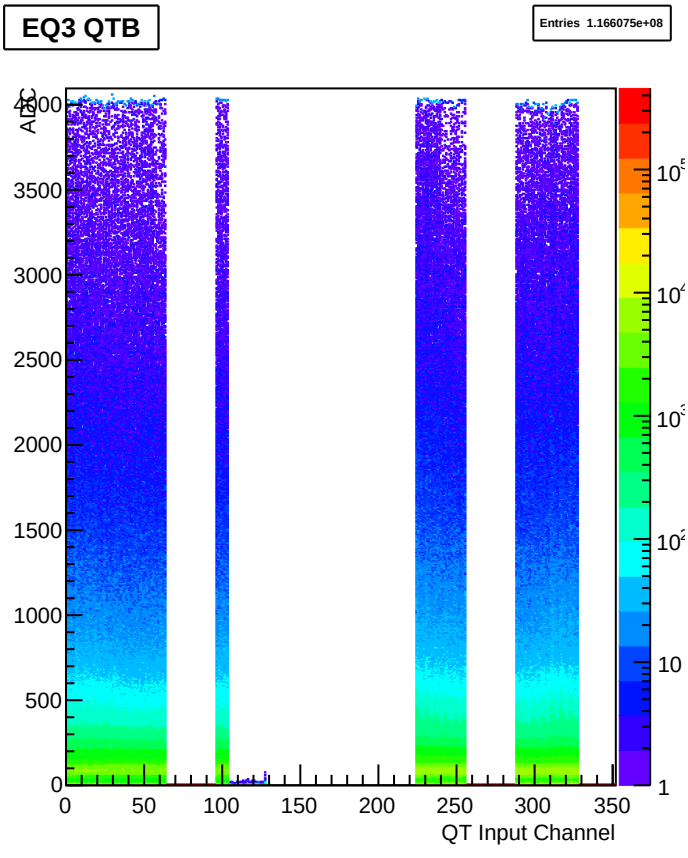

EQ1 QTC
Entries 4.372781e+07
TADC
QT Input Channel

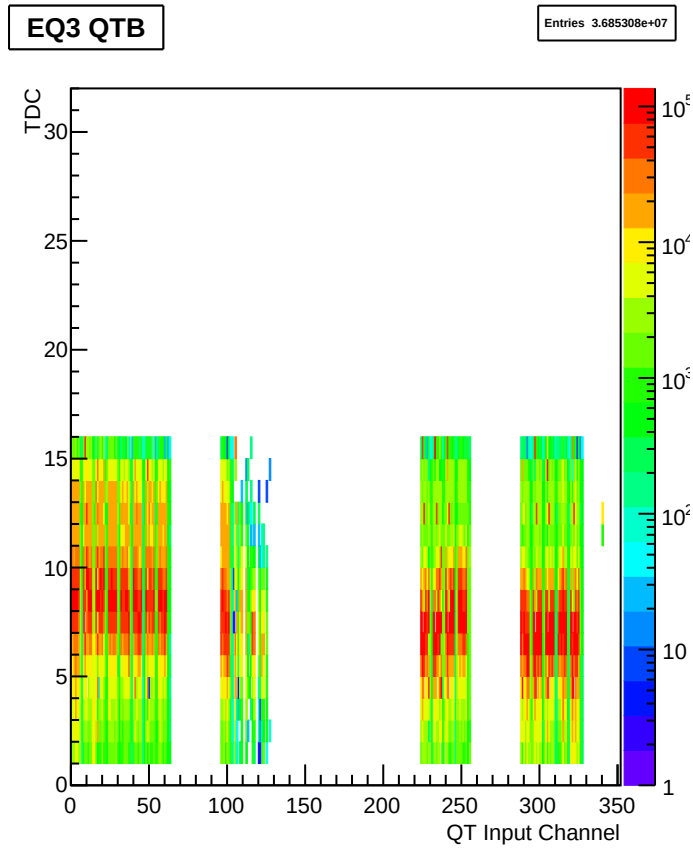

EQ2 QTB
Entries 1.311834e+08
ADC
QT Input Channel

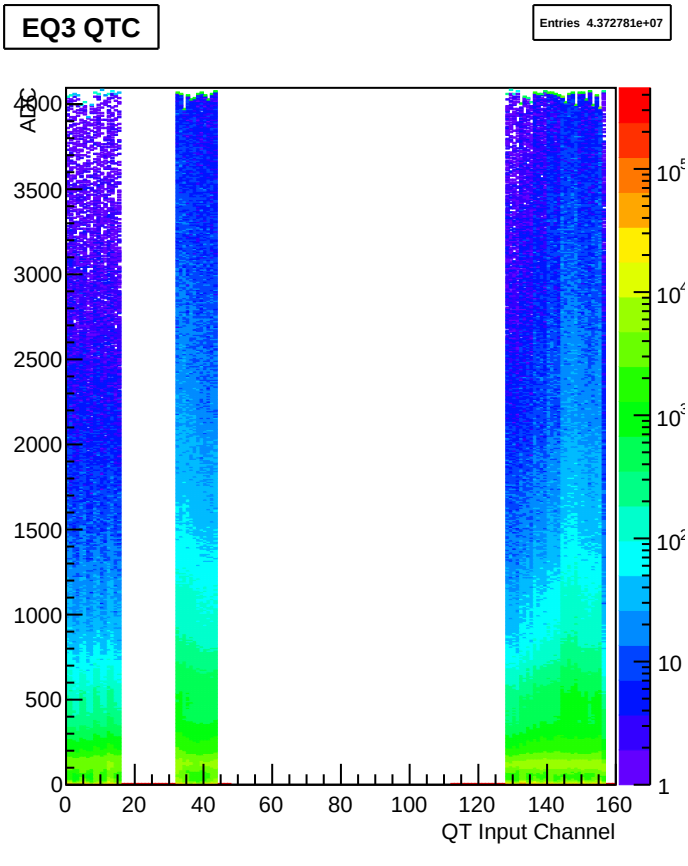

EQ2 QTB
Entries 4.484642e+07
TDC
QT Input Channel

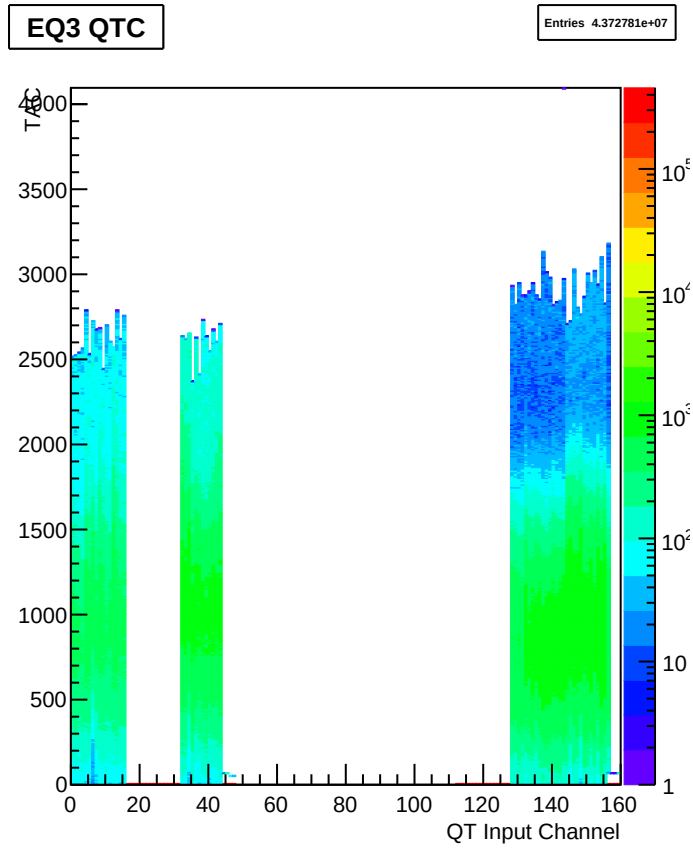

EQ2 QTC
Entries 4.372781e+07
ADC
QT Input Channel

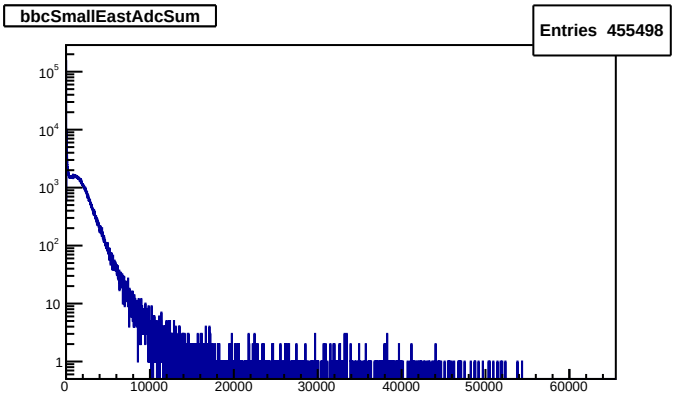

EQ2 QTC
Entries 4.372781e+07
TADC
QT Input Channel

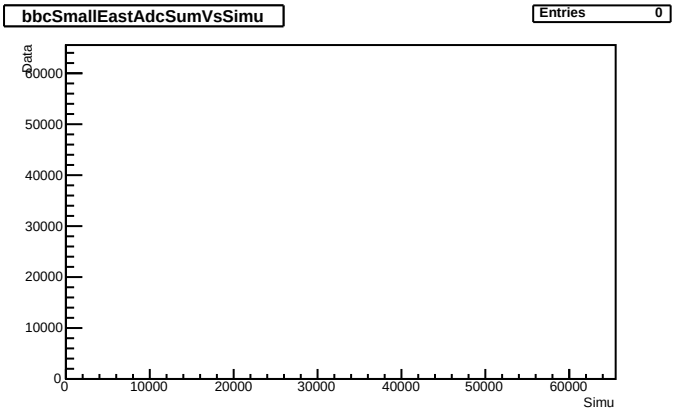

EQ3 QTB
Entries 1.166075e+08
ADC
QT Input Channel

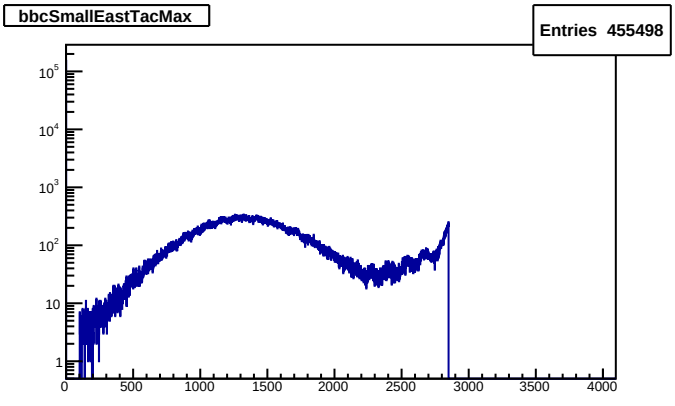

EQ3 QTB
Entries 3.685308e+07
TDC
QT Input Channel

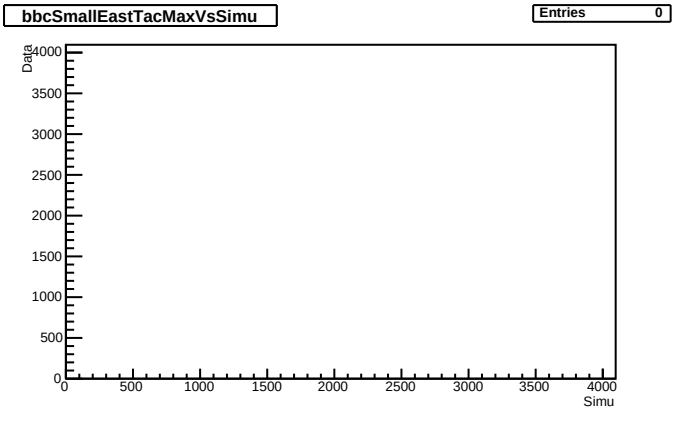

EQ3 QTC
Entries 4.372781e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.372781e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 455498


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 455498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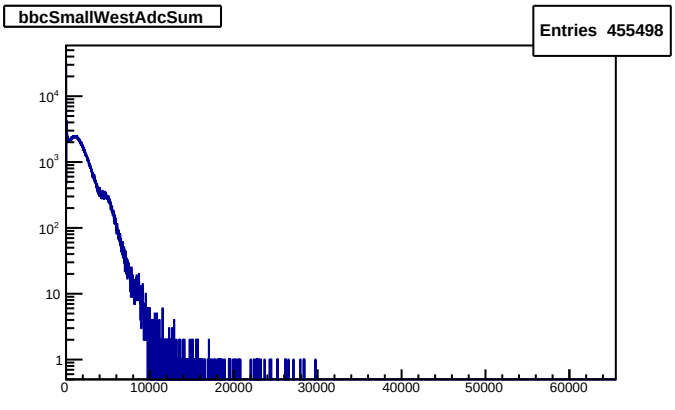
Simu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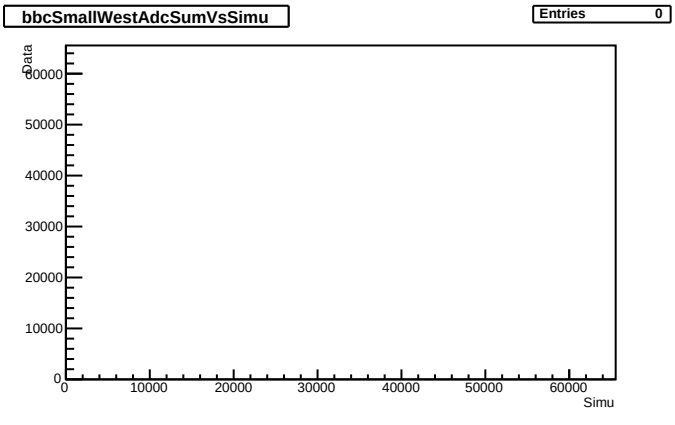
Entries 455498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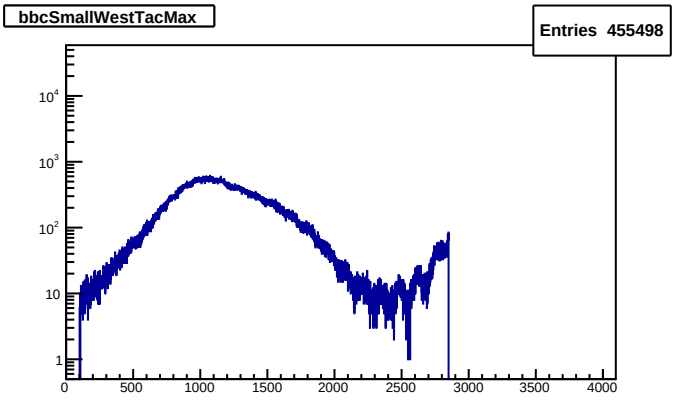
Simu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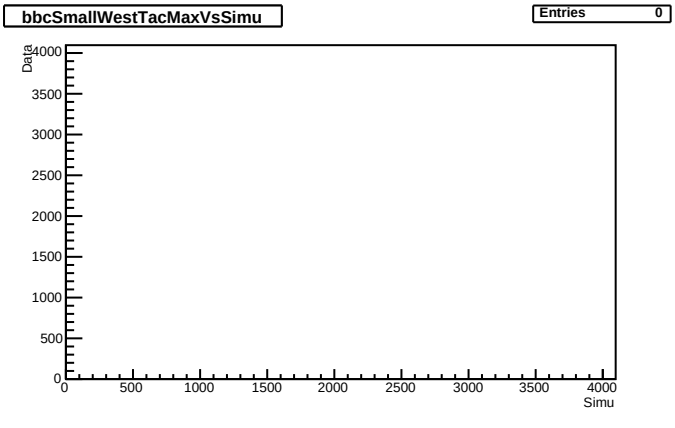
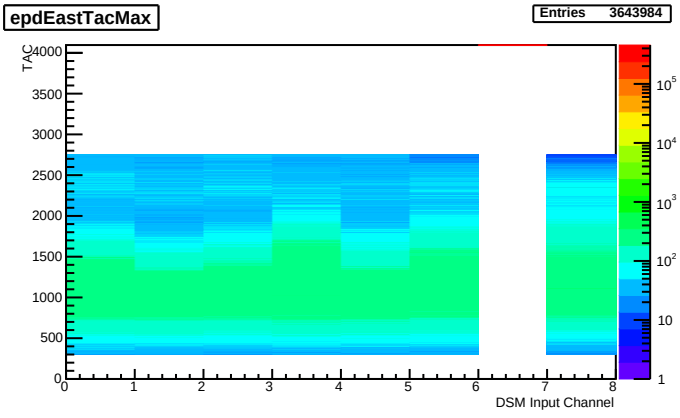

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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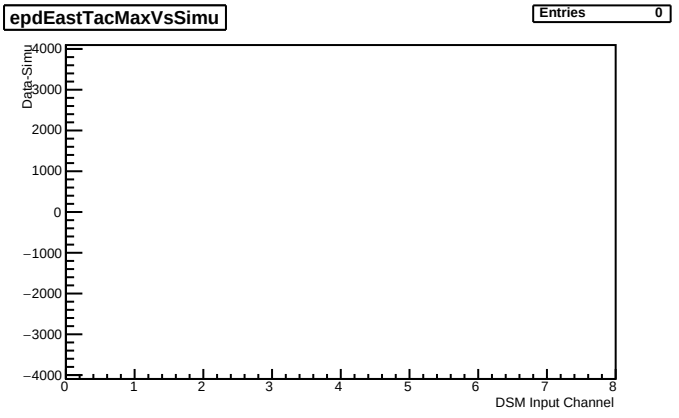
TAC
DSM Input Channel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Entries 0
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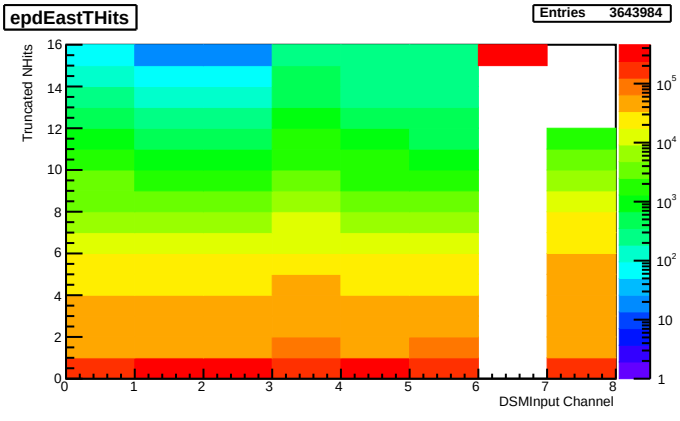
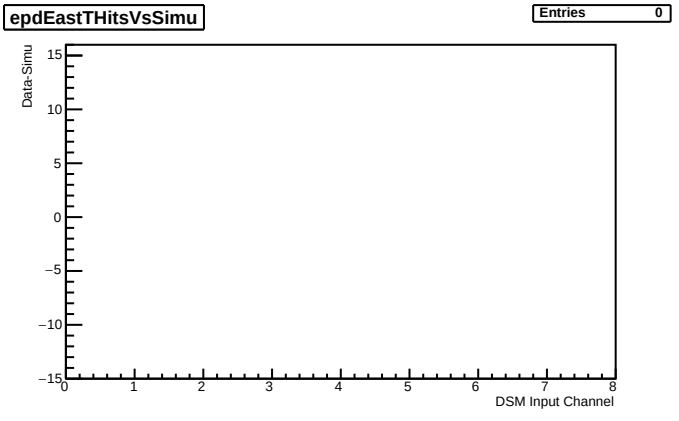
DSM Input Channel


epdEastTHits
Entries 3643984
Truncated NHits
DSMInput Channel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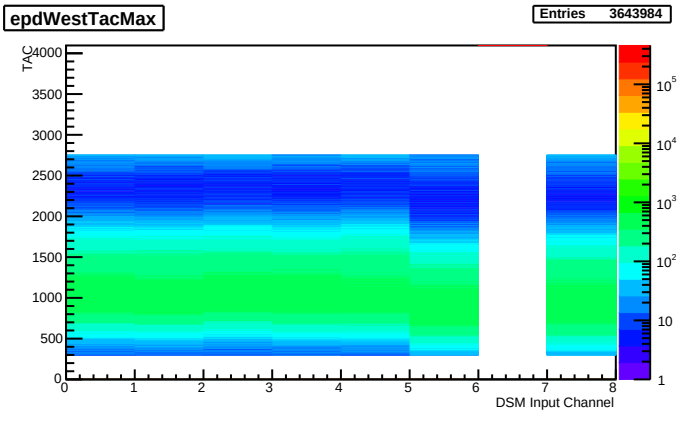
DSM Input Channel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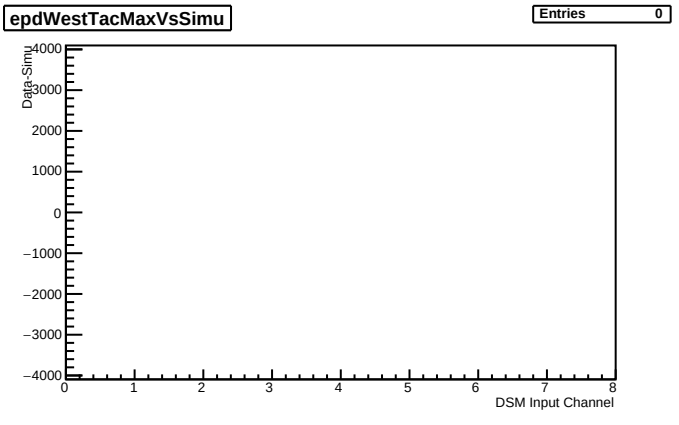
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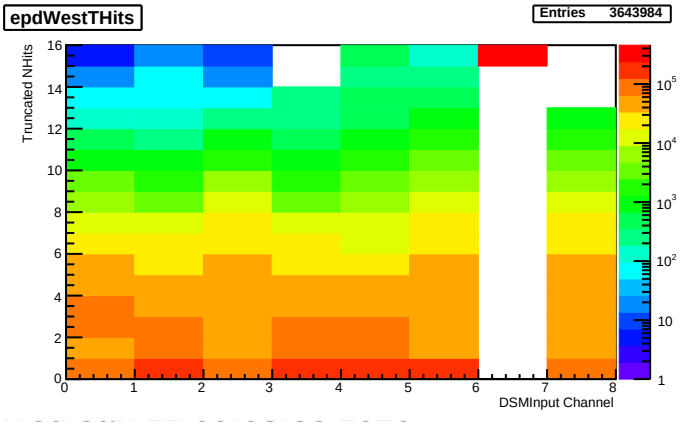
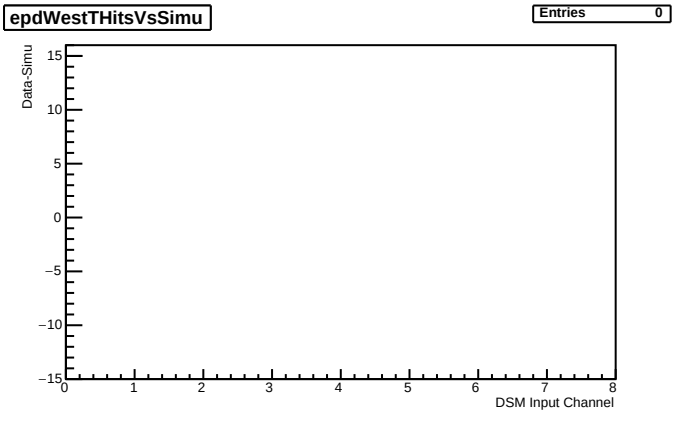
DSM Input Channel


epdWestTHits
Entries 3643984
Truncated NHits
DSMInput Channel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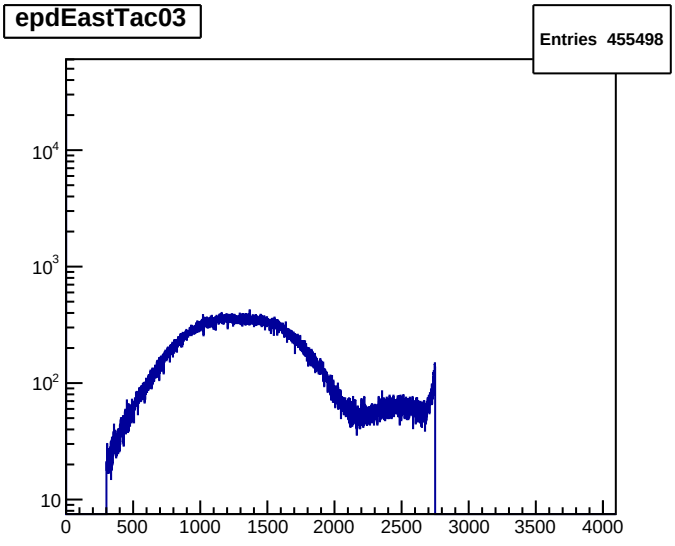
Entries 0
Data-Simu
DSM Input Channel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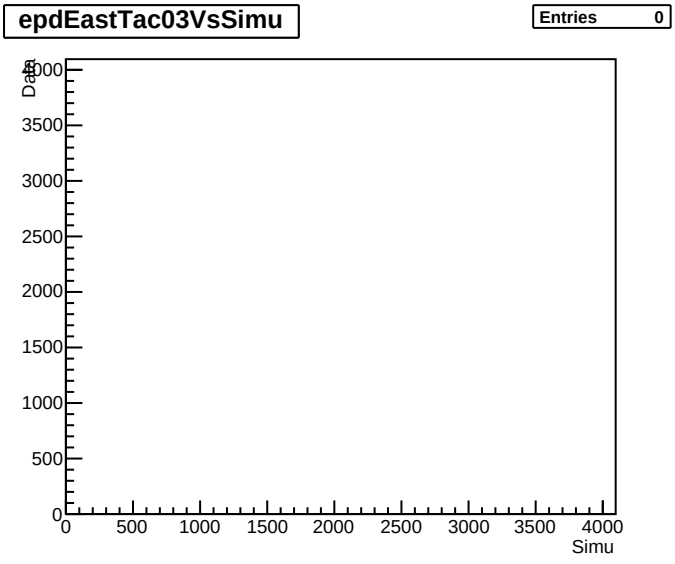
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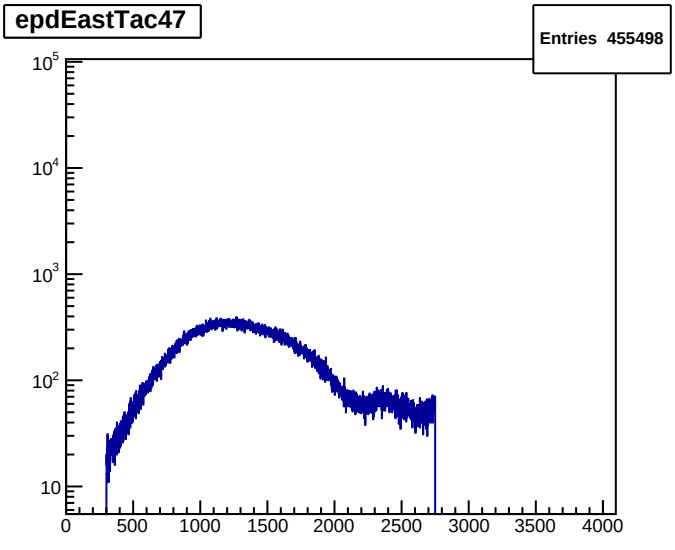
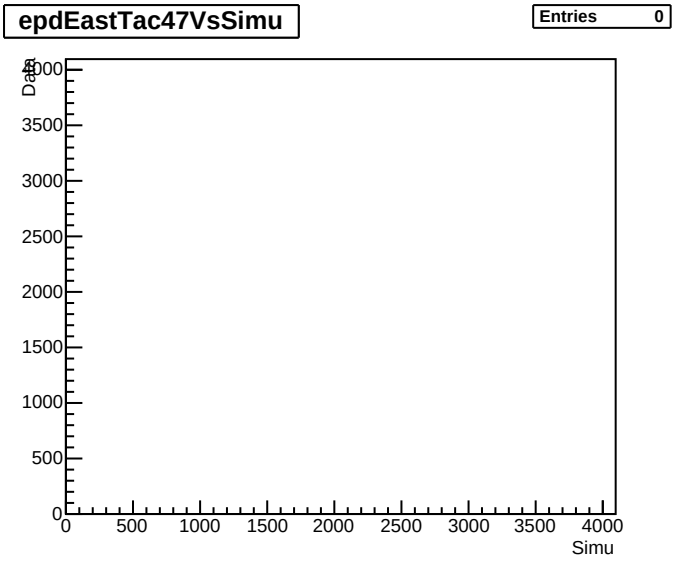
Entries 0
Data
Simu


epdEastTac47
Entries 455498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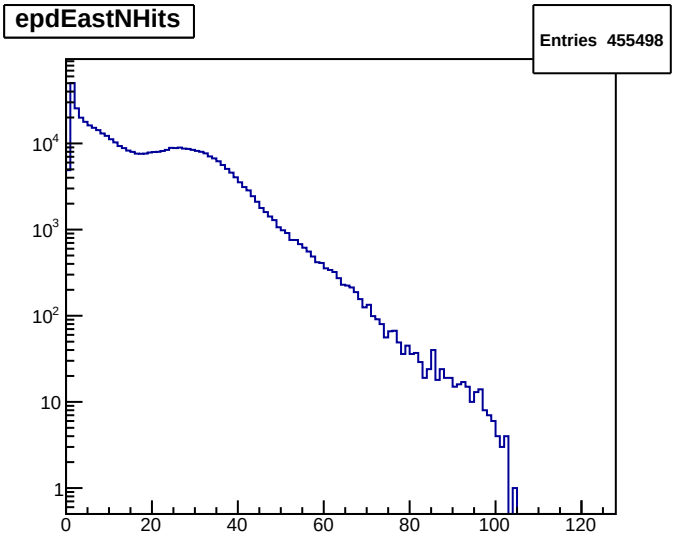
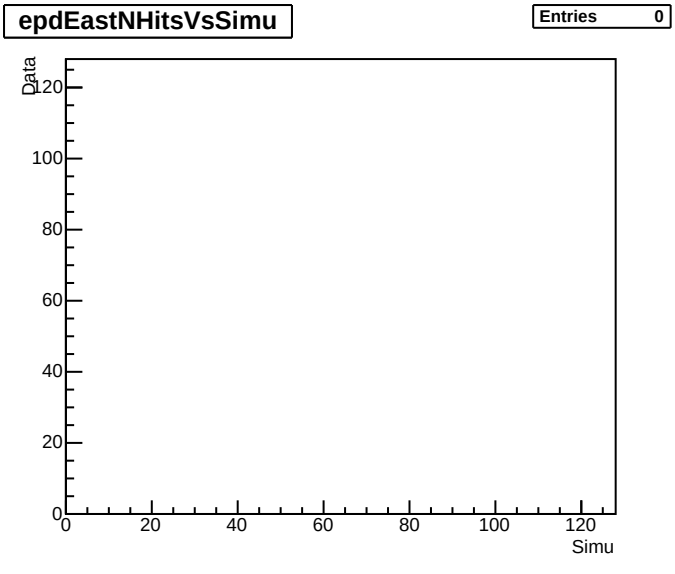
Entries 0
Data
Simu


epdEastNHits
Entries 455498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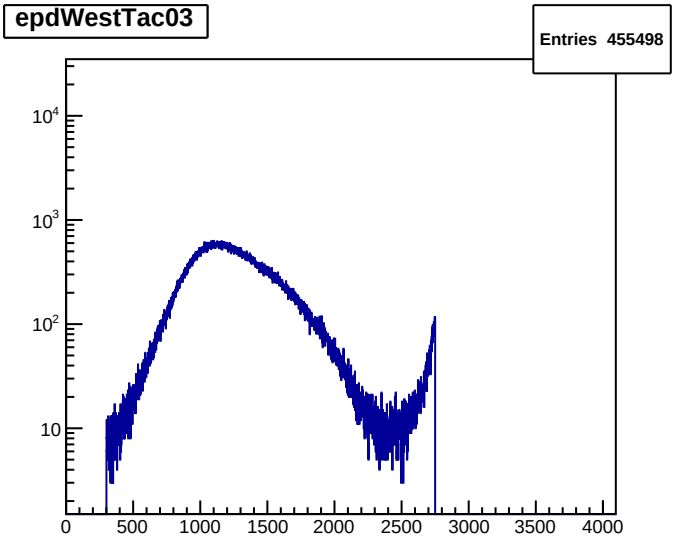
Entries 0
Data
Simu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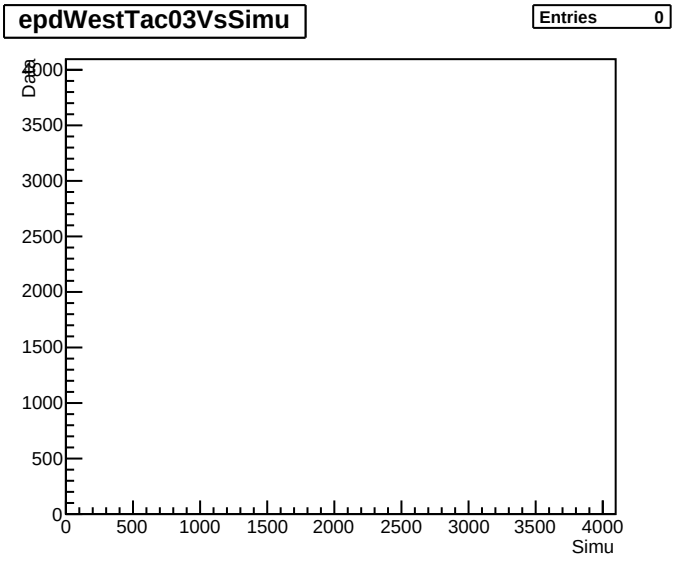
Entries 455498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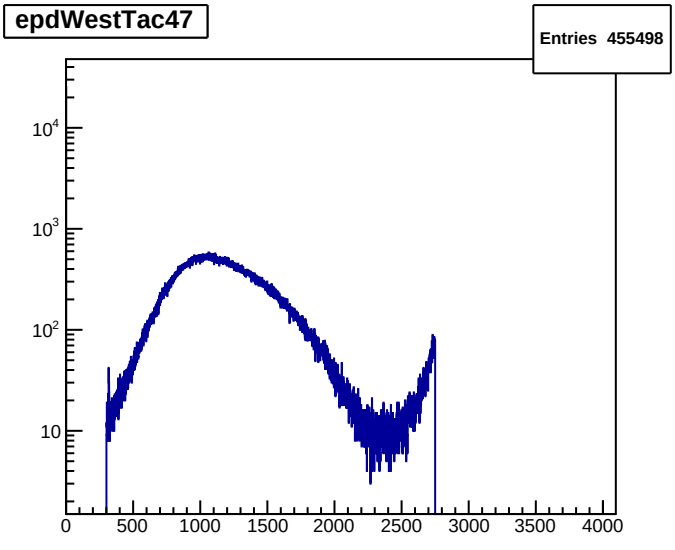
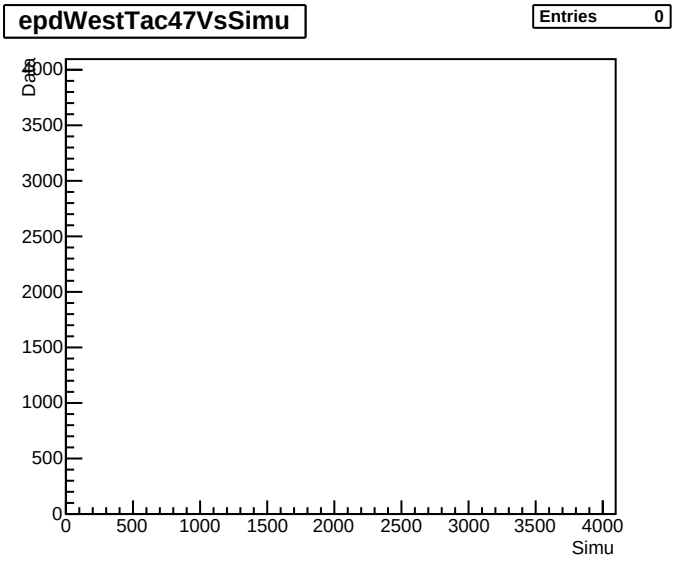
Entries 0
Data
Simu


epdWestTac47
Entries 455498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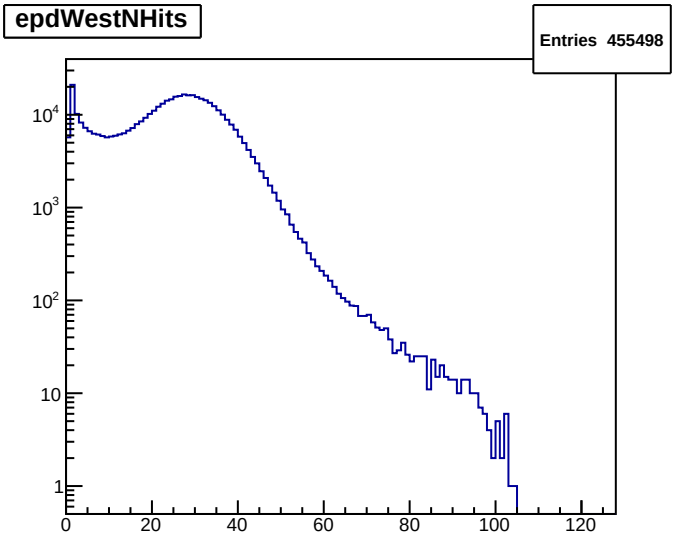
Data
Simu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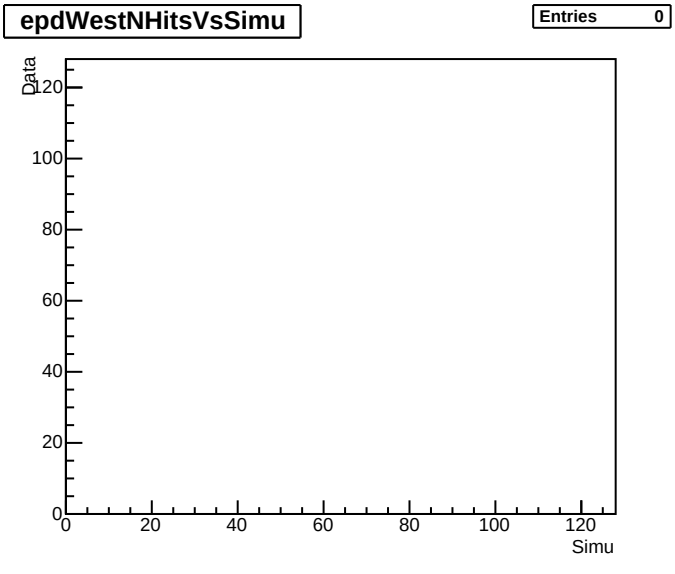
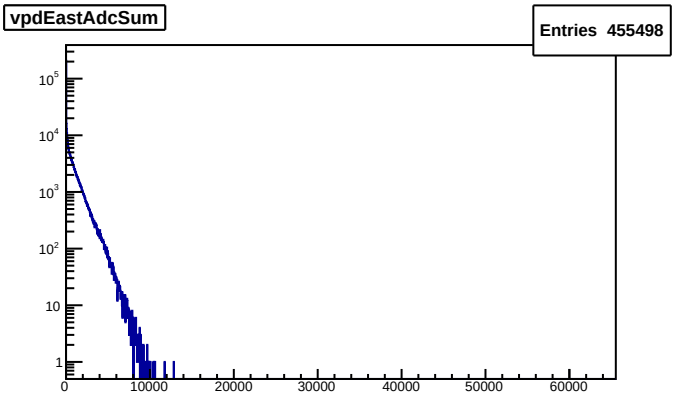
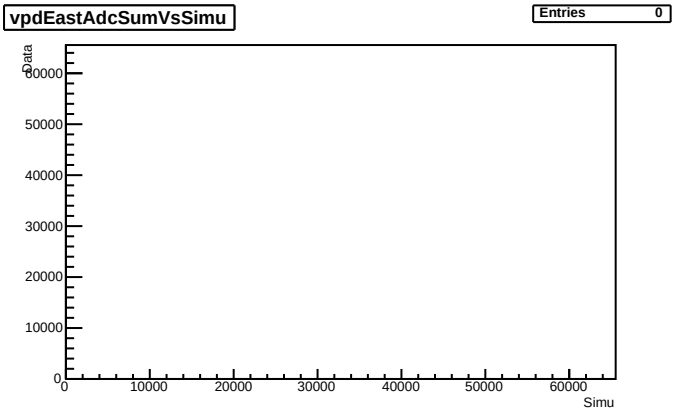
Entries 455498


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 455498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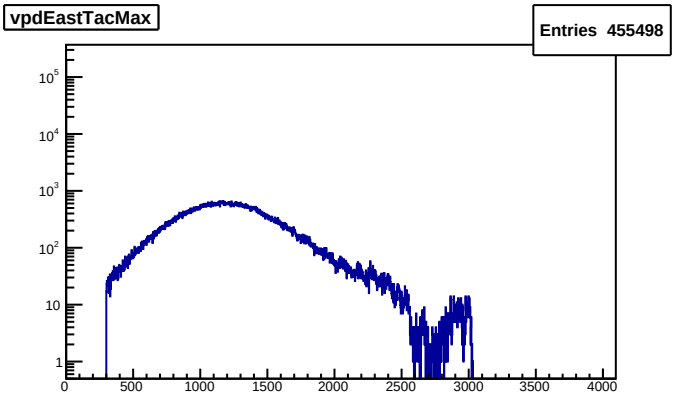
Entries 0
Data
Simu


vpdEastTacMax
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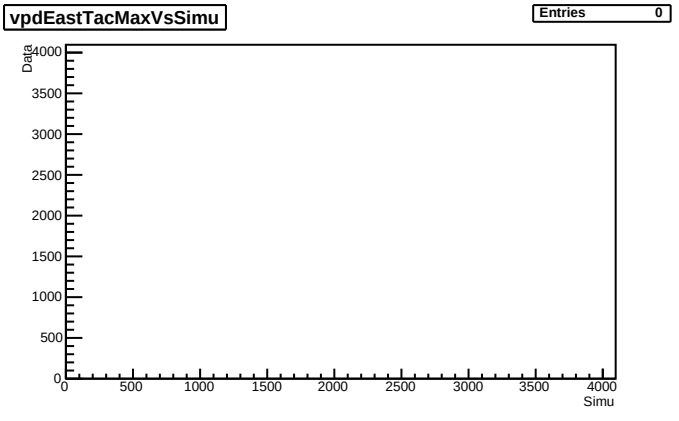
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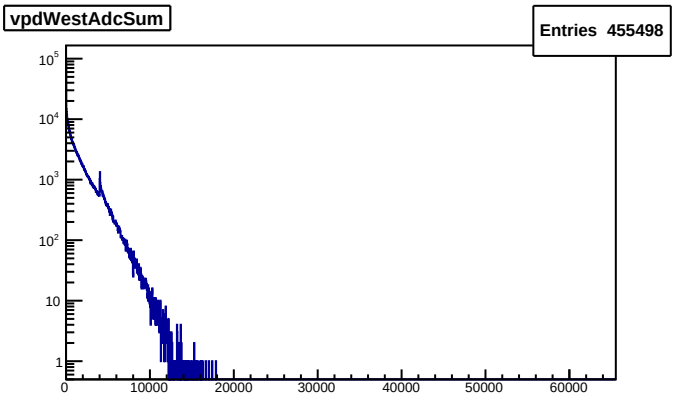
Entries 0
Data
Simu


vpdWestAdcSum
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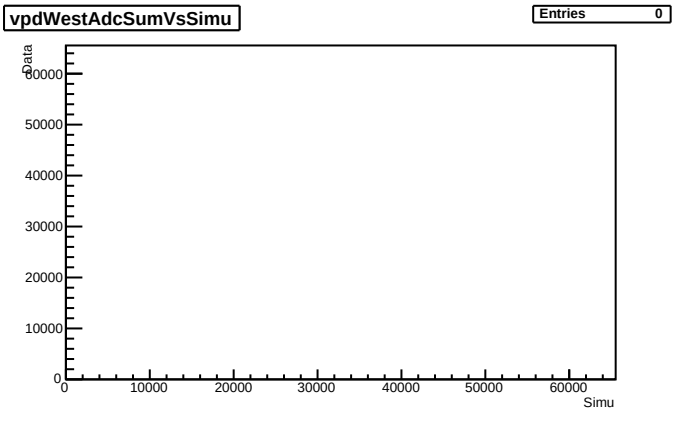
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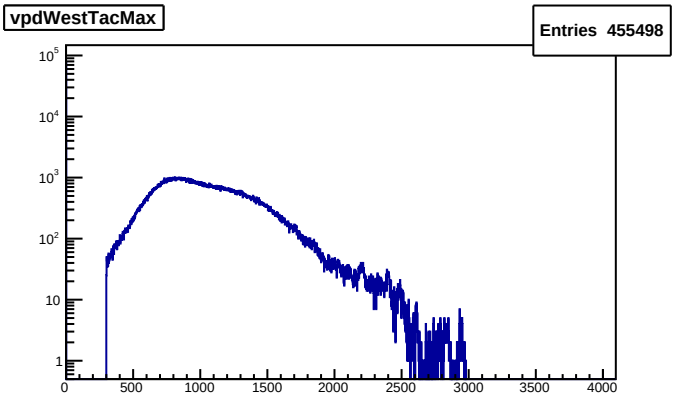
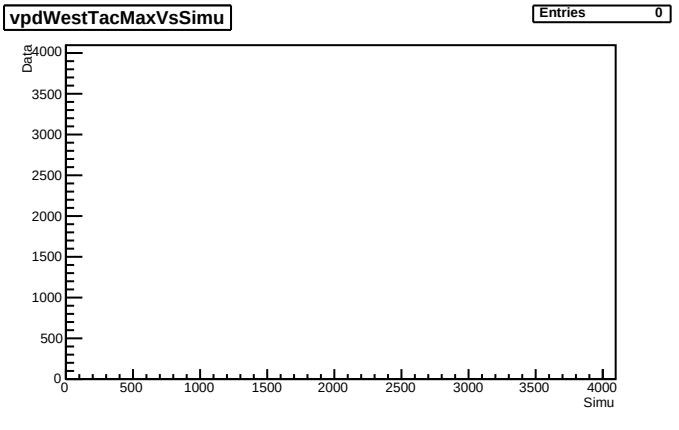
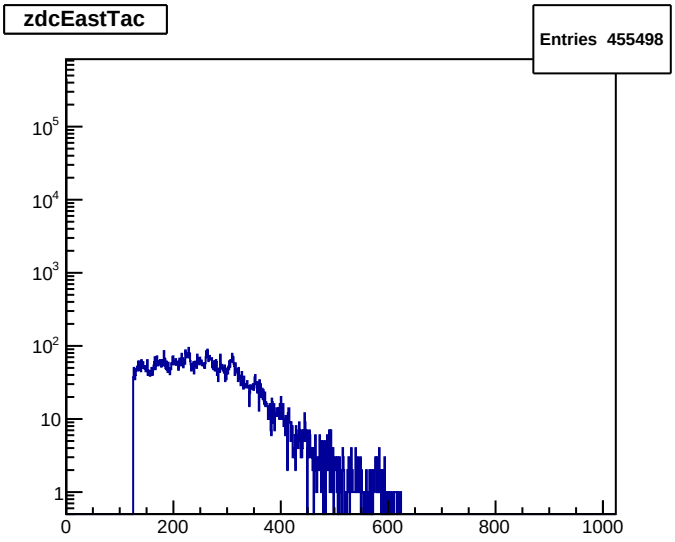
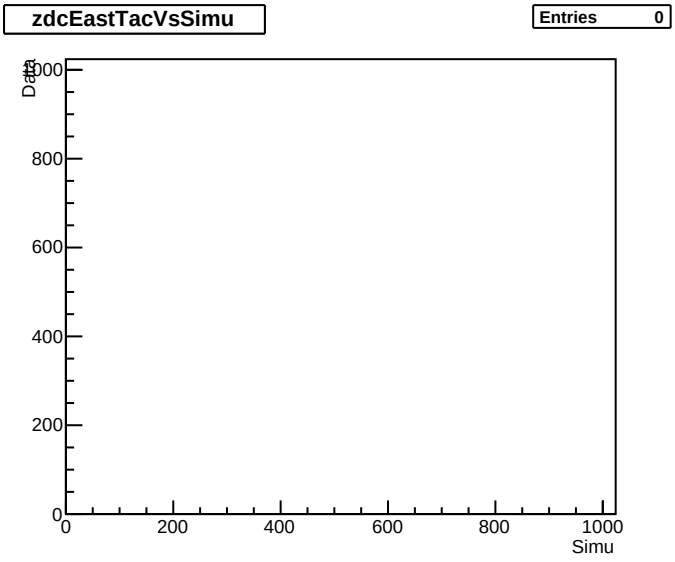
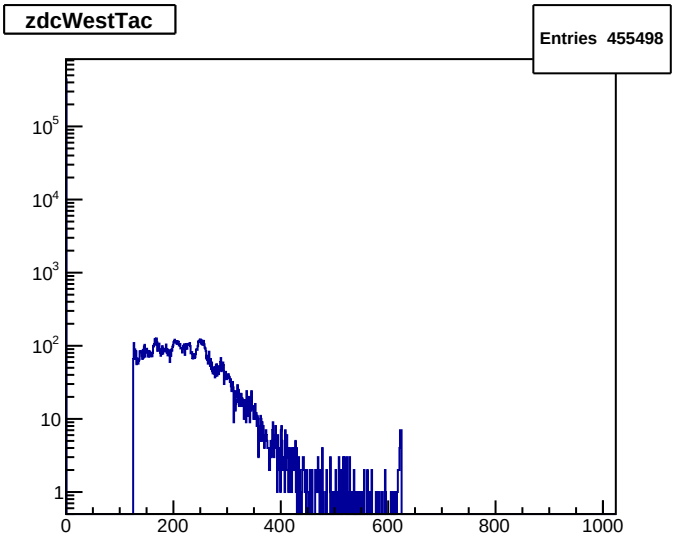
Entries 0
Data
Simu

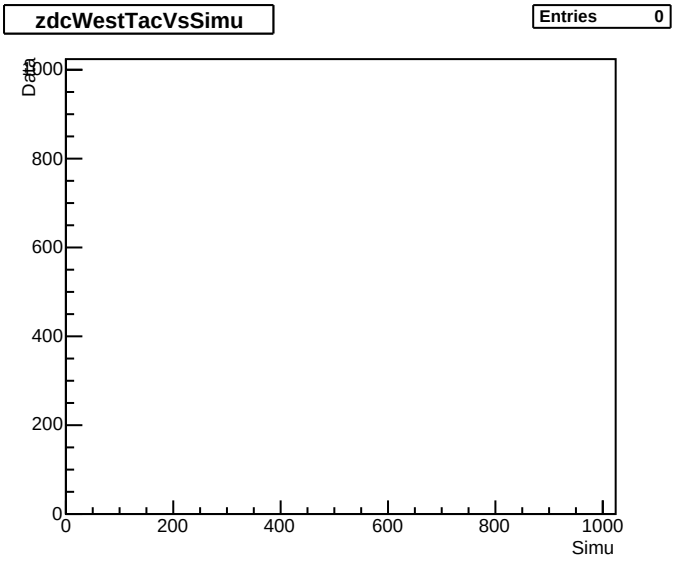

vpdWestTacMax
Entries 455498

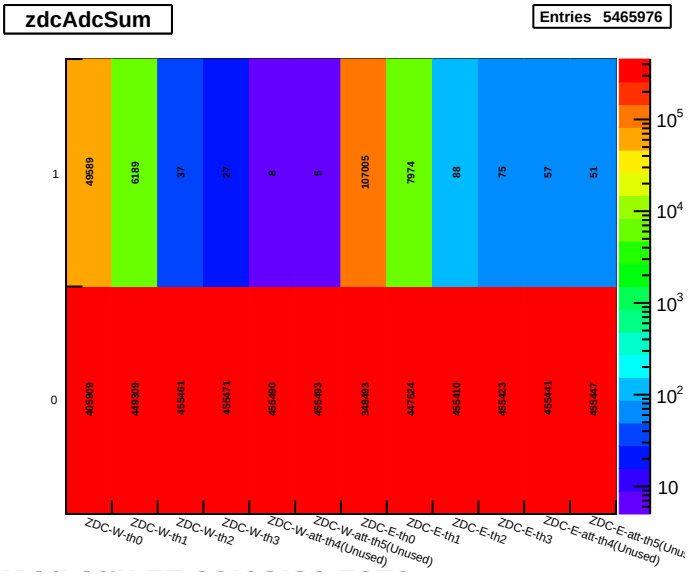

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

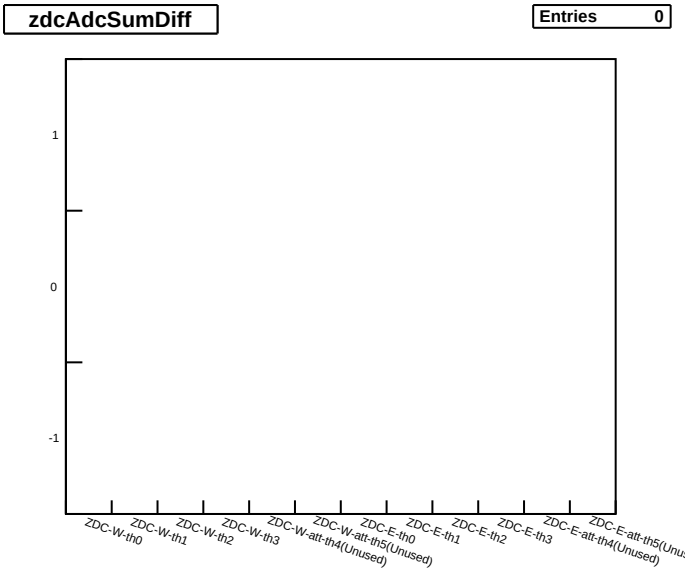

zdcEastTac
Entries 455498
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

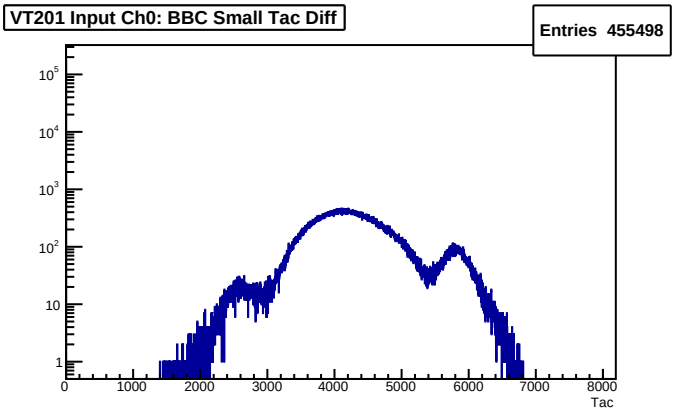

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

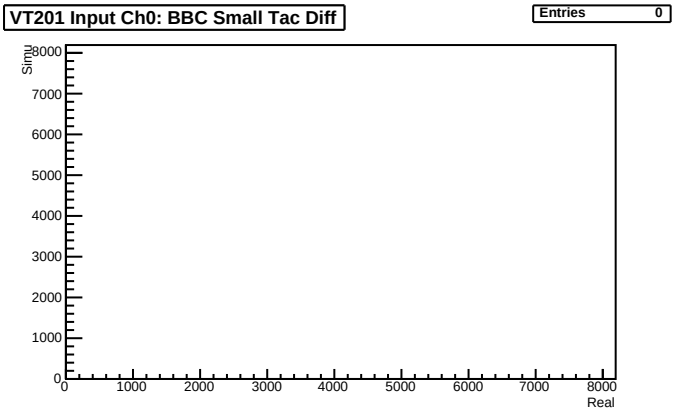

zdcWestTac
Entries 455498
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

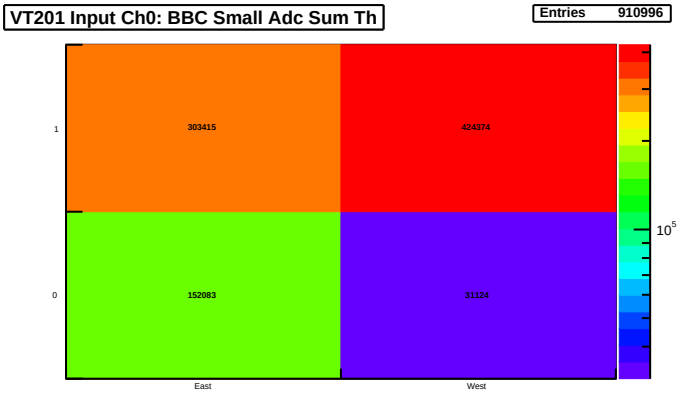

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

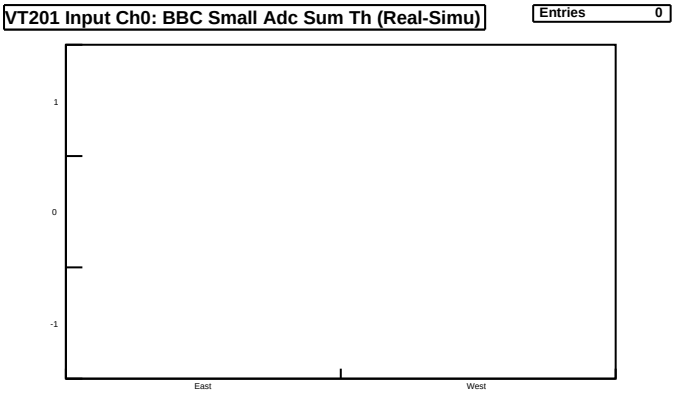

zdcAdcSum
Entries 5465976
1
0
49589
6189
37
27
8
5
107005
7974
88
75
57
51
405909
449309
455461
455471
455490
455493
348493
447524
455410
455423
455441
455447
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

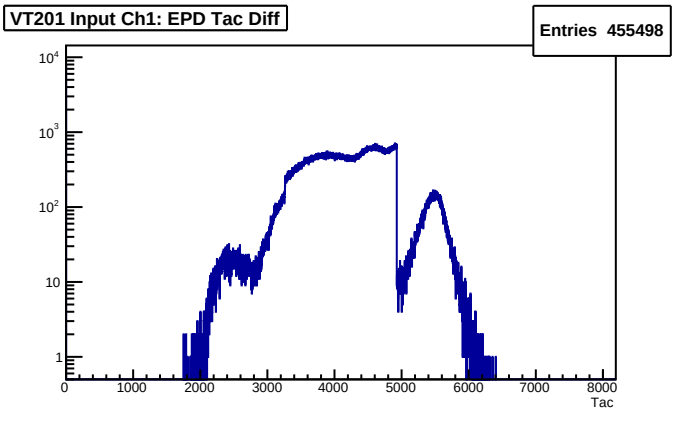

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

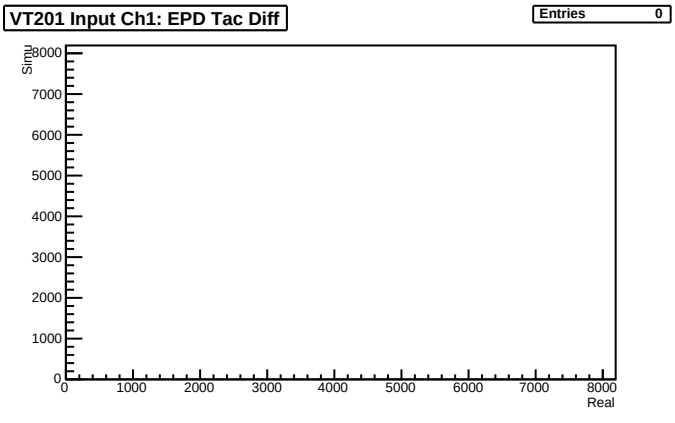

VT201 Input Ch0: BBC Small Tac Diff
Entries 455498
Tac

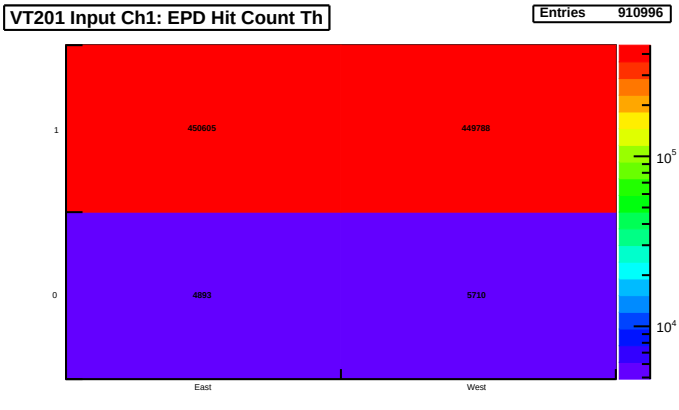

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

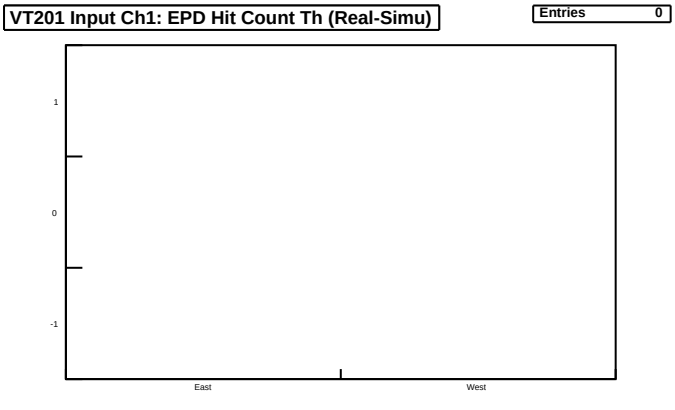

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 910996
303415
424374
152083
31124
East
West

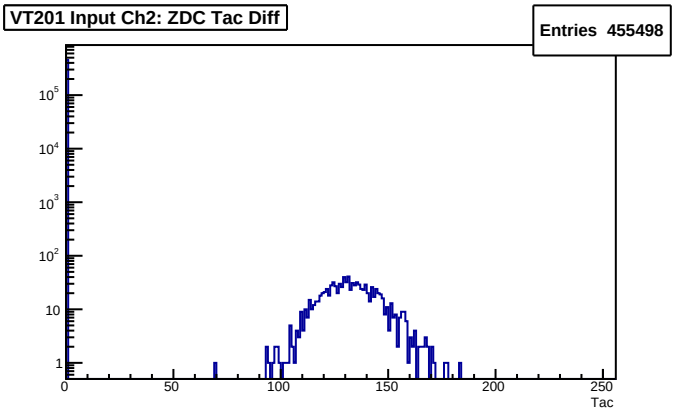

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

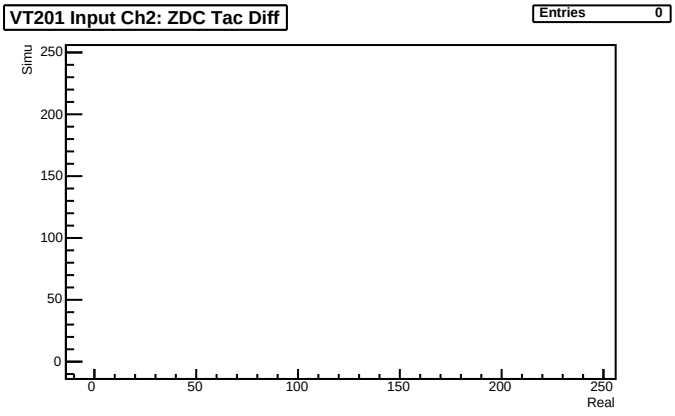

VT201 Input Ch1: EPD Tac Diff
Entries 455498
Tac

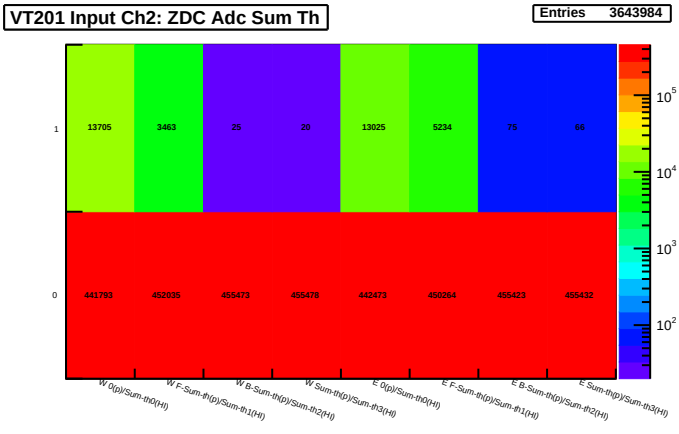

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

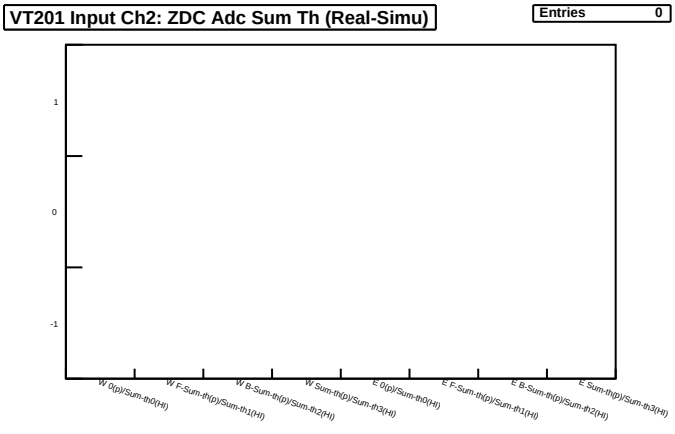

VT201 Input Ch1: EPD Hit Count Th
Entries 910996
450605
449788
4893
5710
East
West

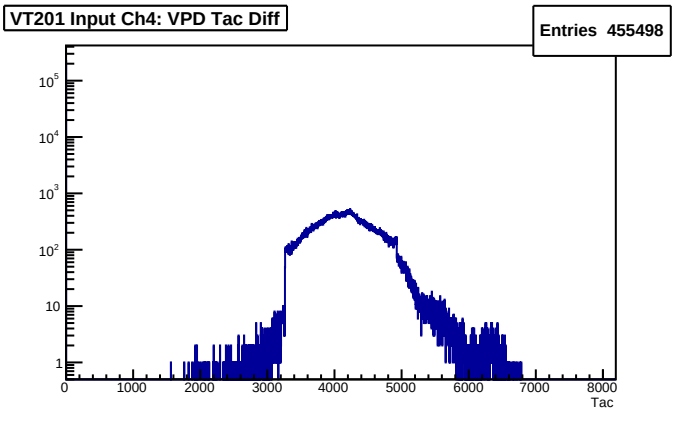

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

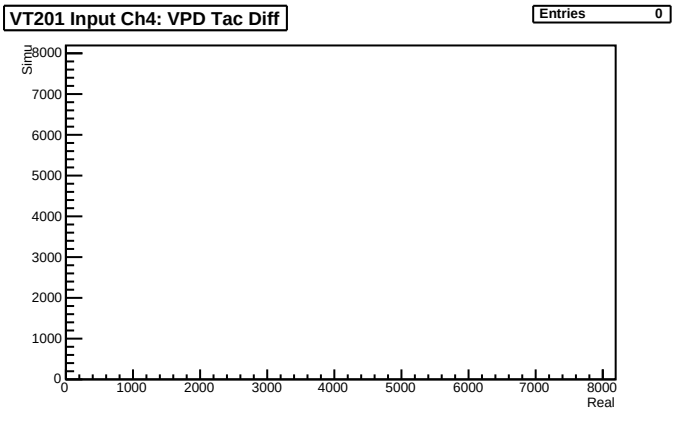

VT201 Input Ch2: ZDC Tac Diff
Entries 455498
Tac

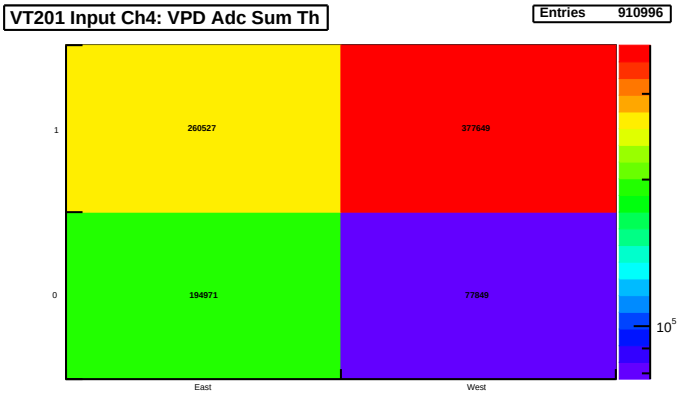

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

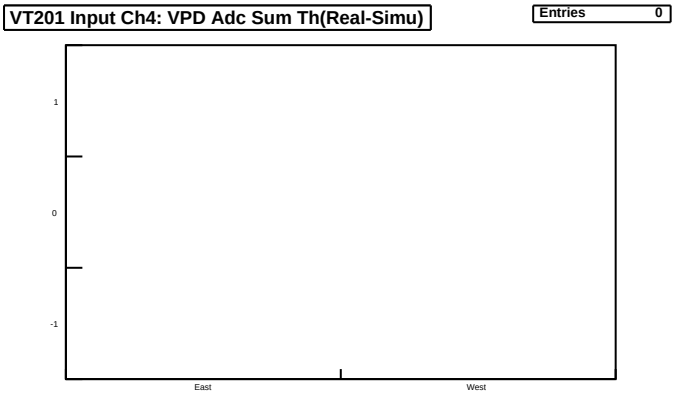

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3643984
13705
3463
25
20
13025
5234
75
66
441793
452035
455473
455478
442473
450264
455423
455432
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

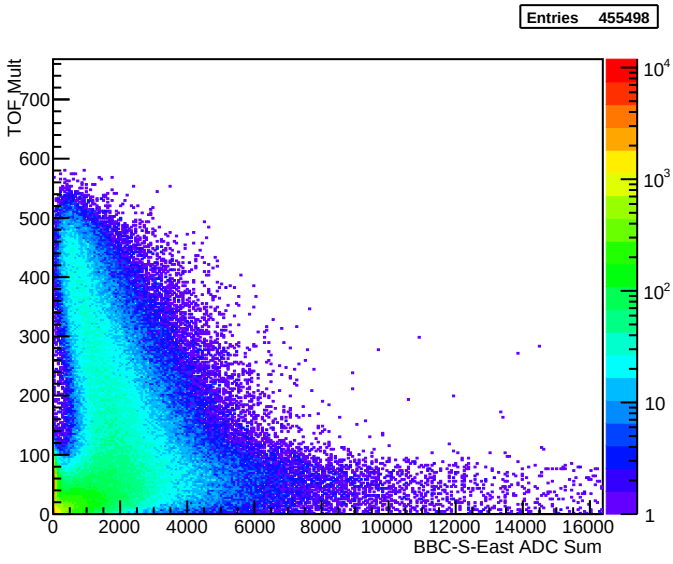

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

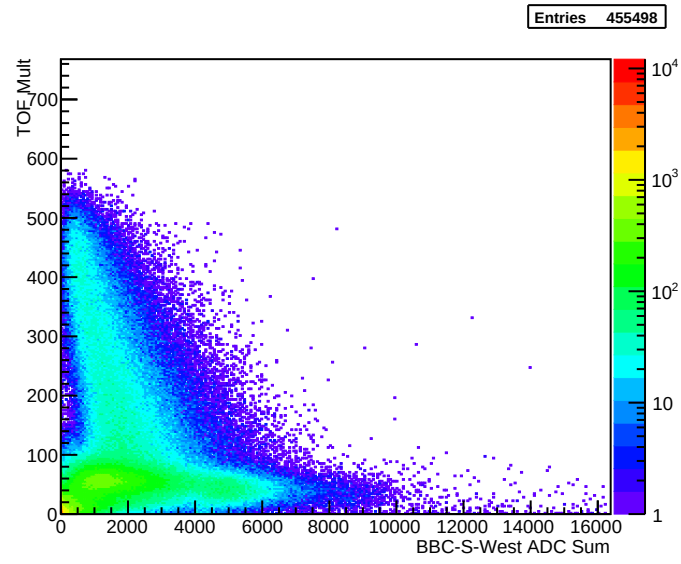

VT201 Input Ch4: VPD Tac Diff
Entries 455498
Tac

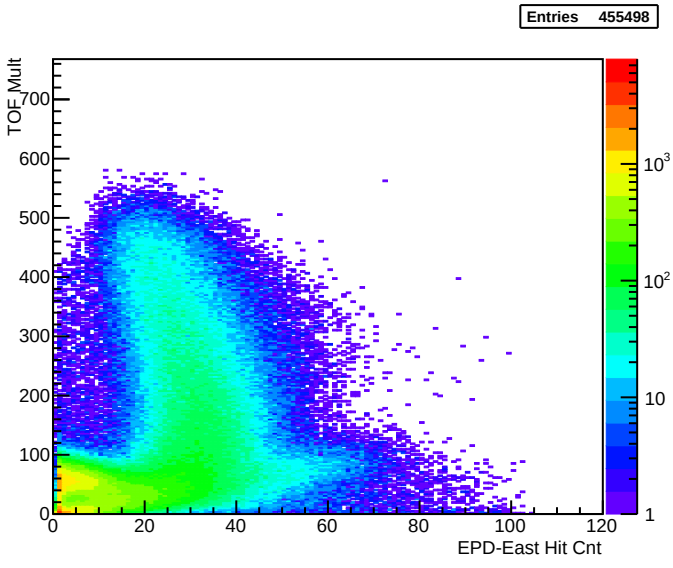

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

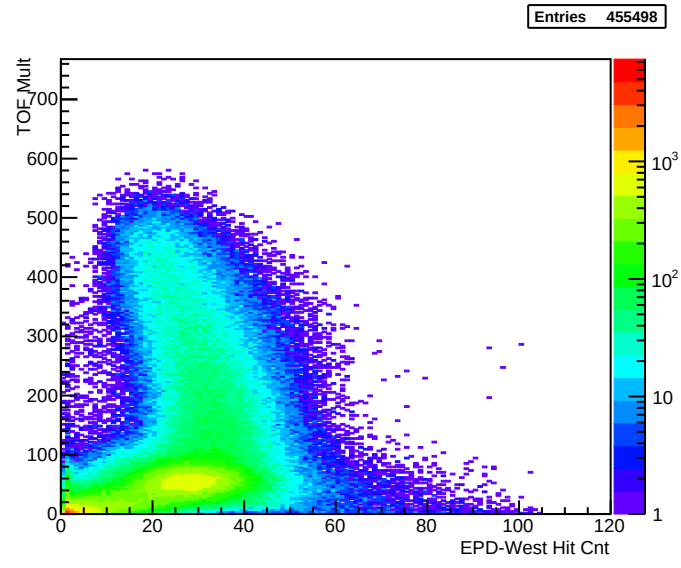

VT201 Input Ch4: VPD Adc Sum Th
Entries 910996
260527
377649
194971
77849
East
West

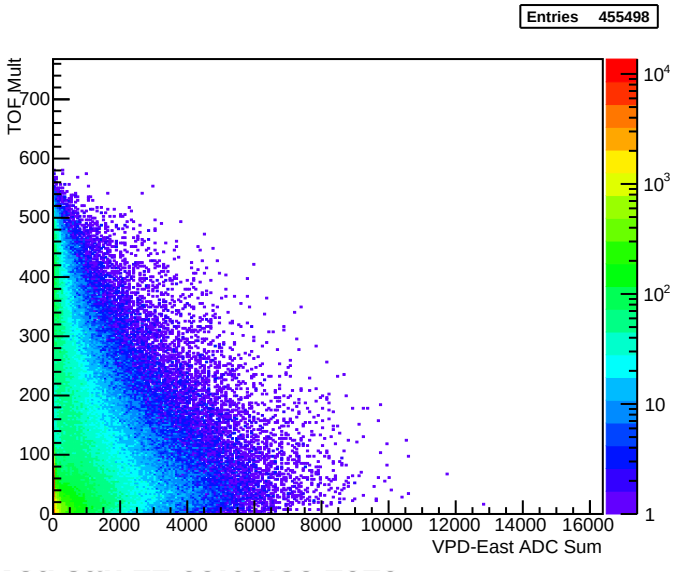

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

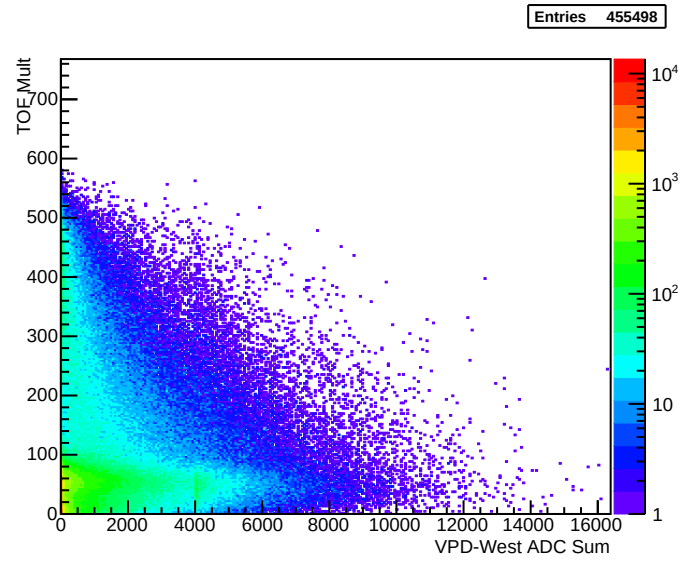

Entries 455498
TOF_Mult
BBC-S-East ADC Sum

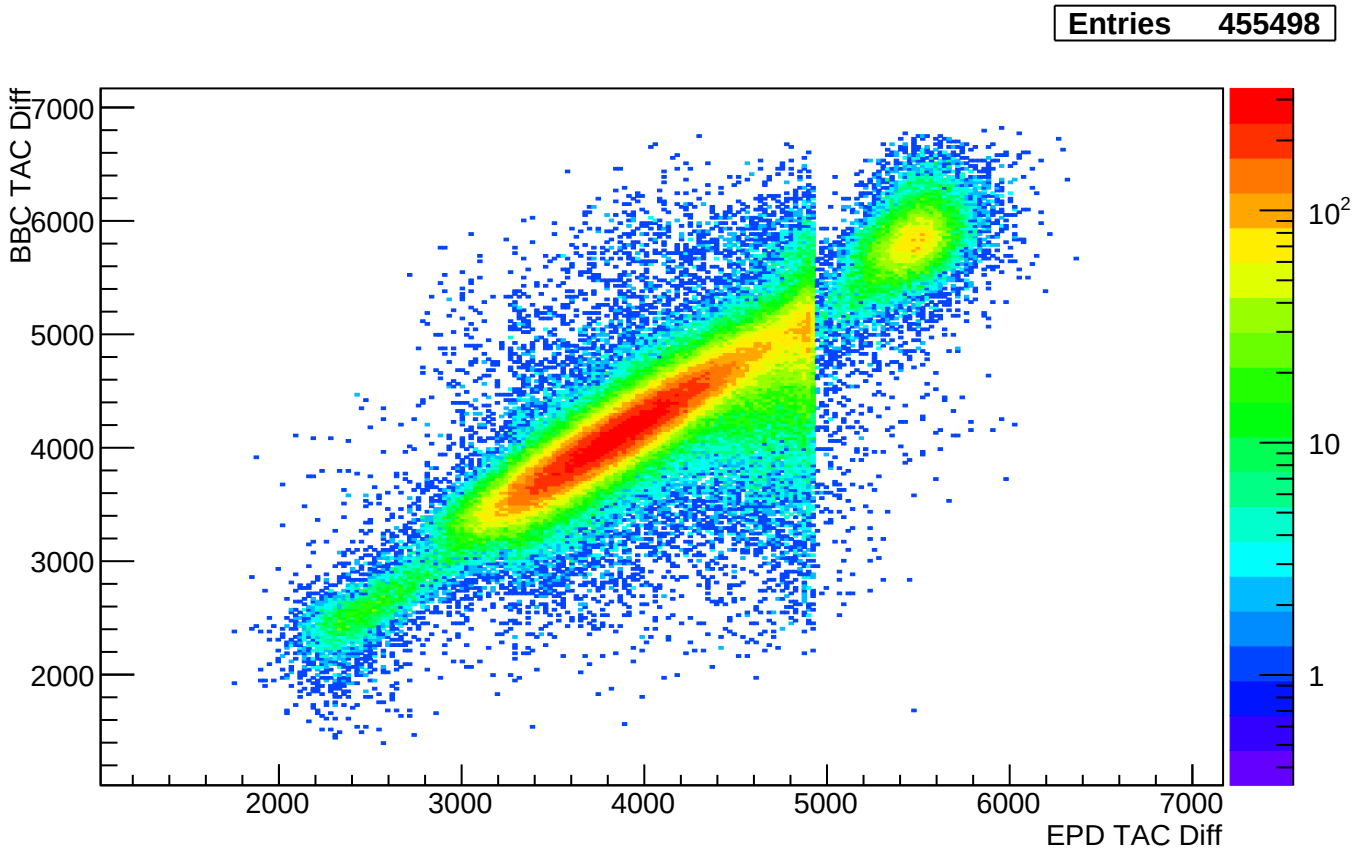

Entries 455498
TOF_Mult
BBC-S-West ADC Sum

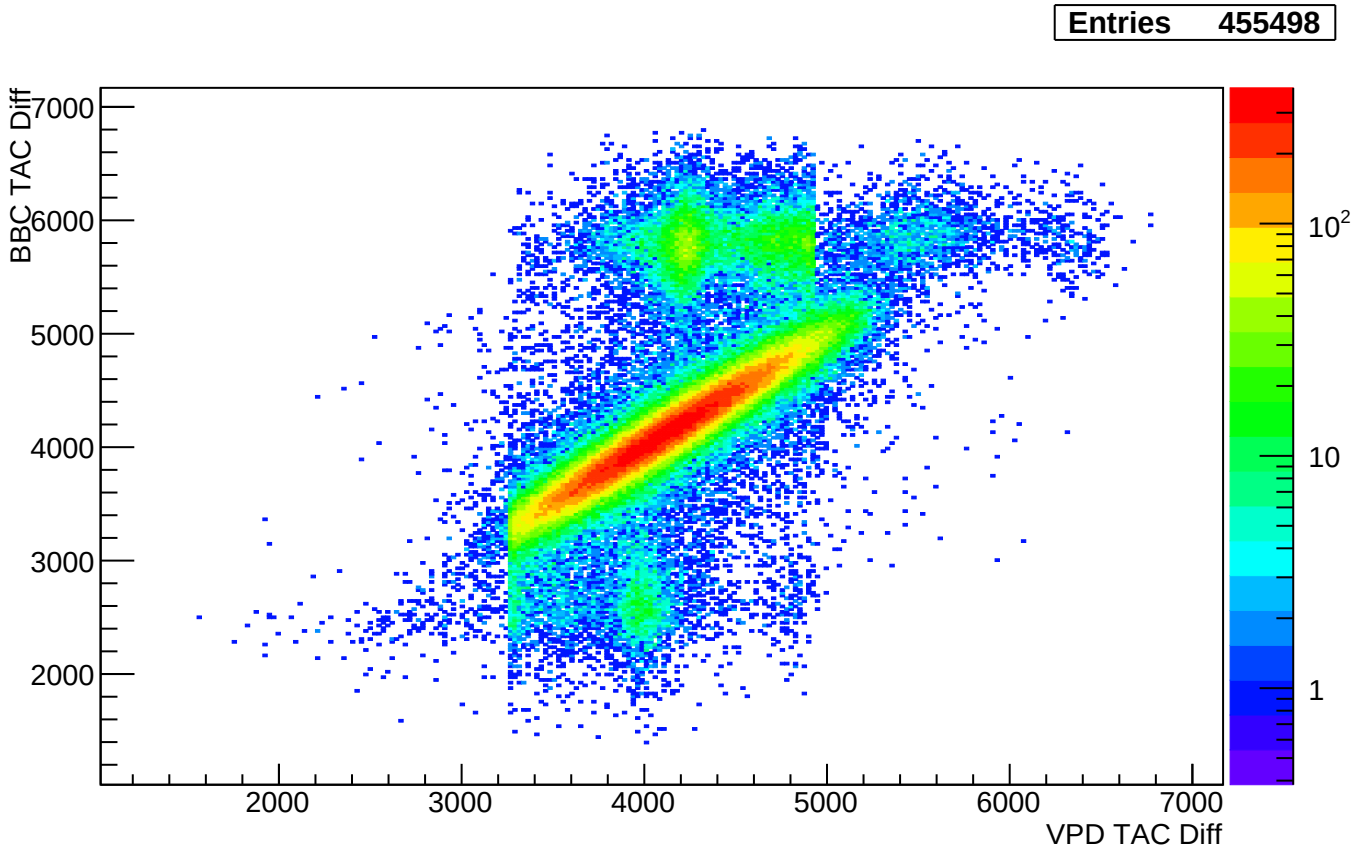

Entries 455498
TOF_Mult
EPD-East Hit Cnt

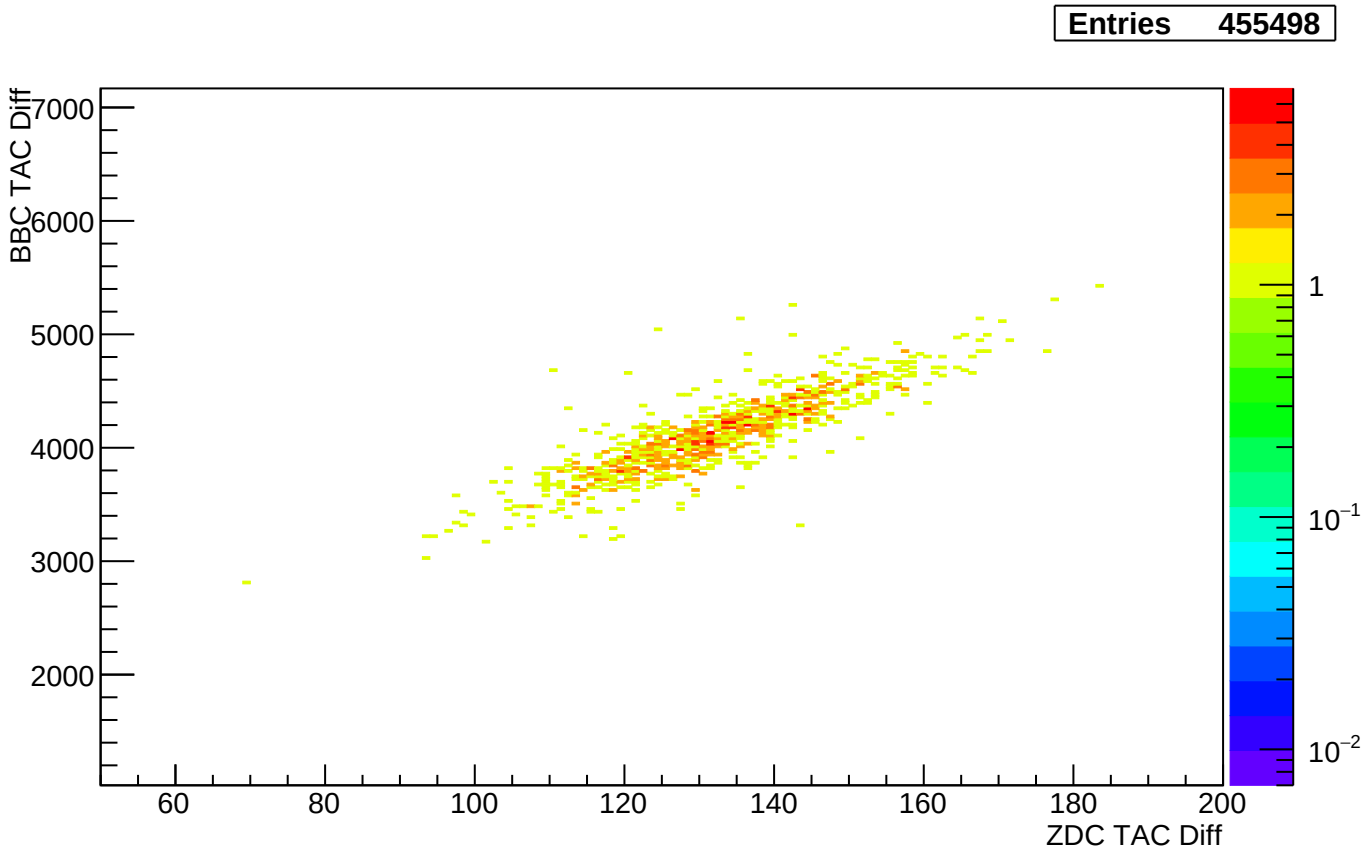

Entries 455498
TOF_Mult
EPD-West Hit Cnt

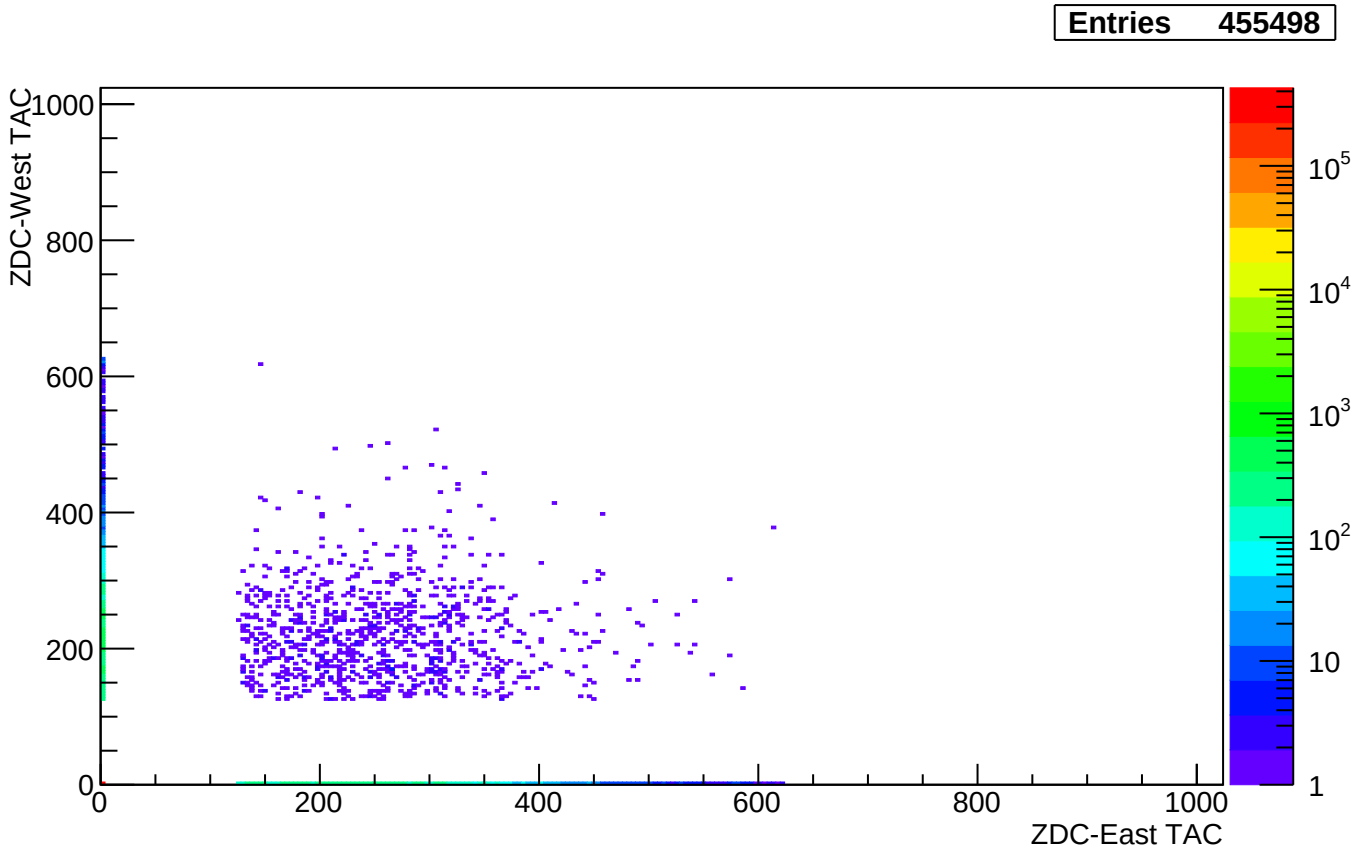

Entries 455498
TOF_Mult
VPD-East ADC Sum

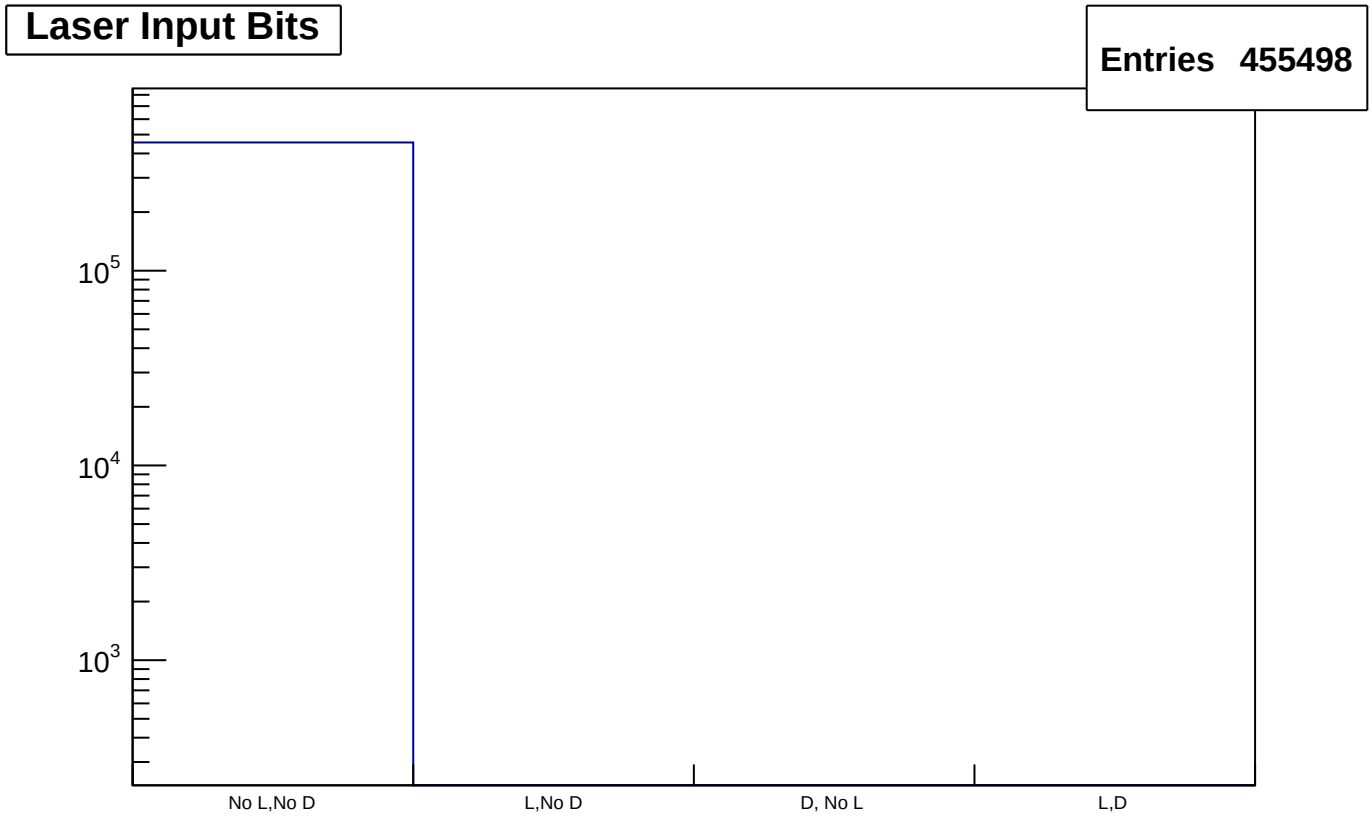

Entries 455498
TOF_Mult
VPD-West ADC Sum

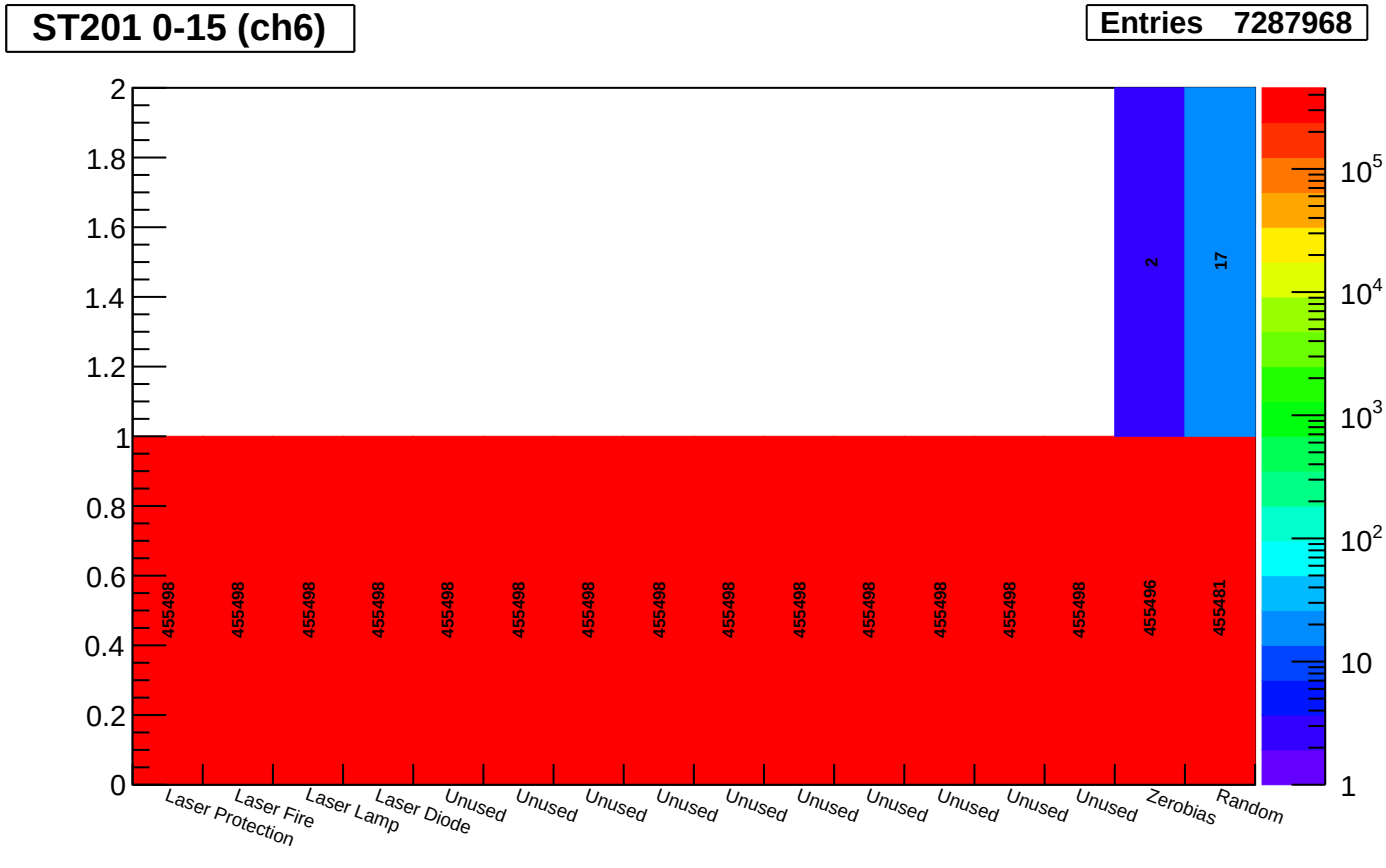

Entries 455498
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

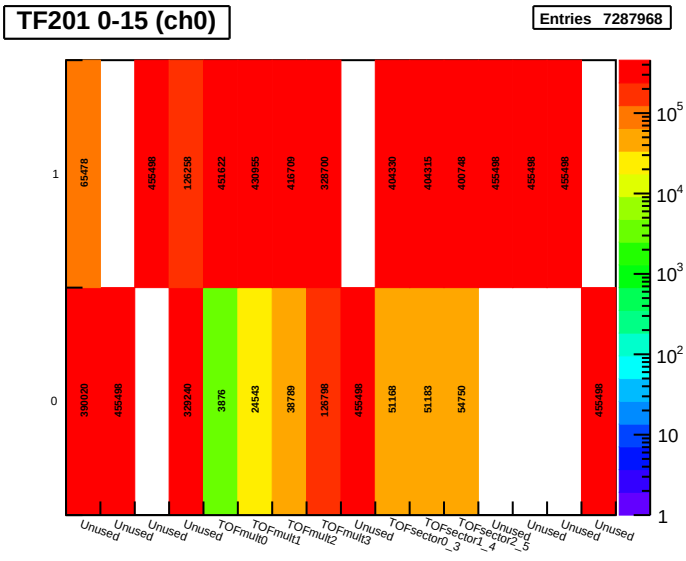

Entries 455498
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

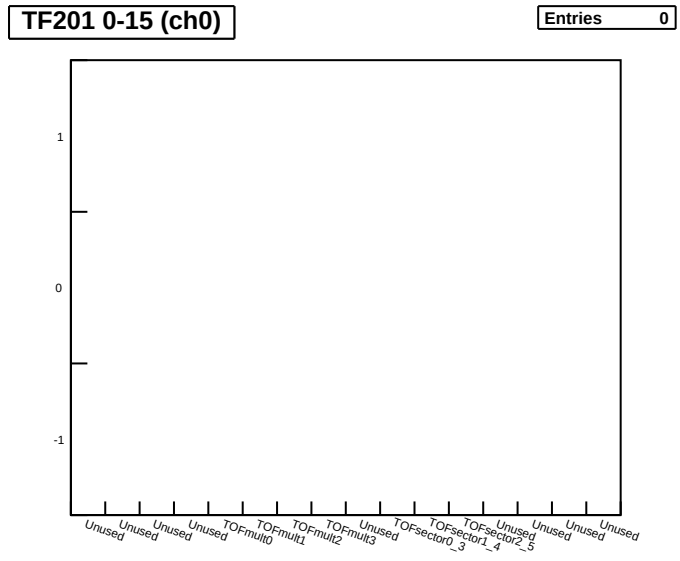

Entries 455498
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

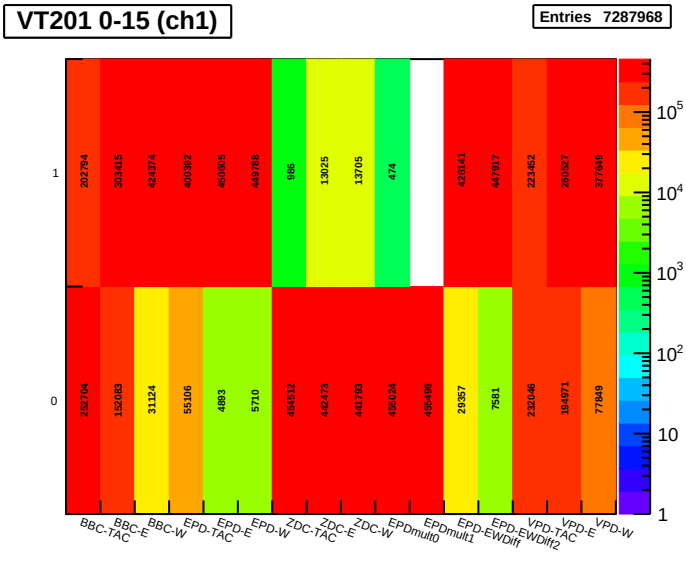

Entries 455498
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

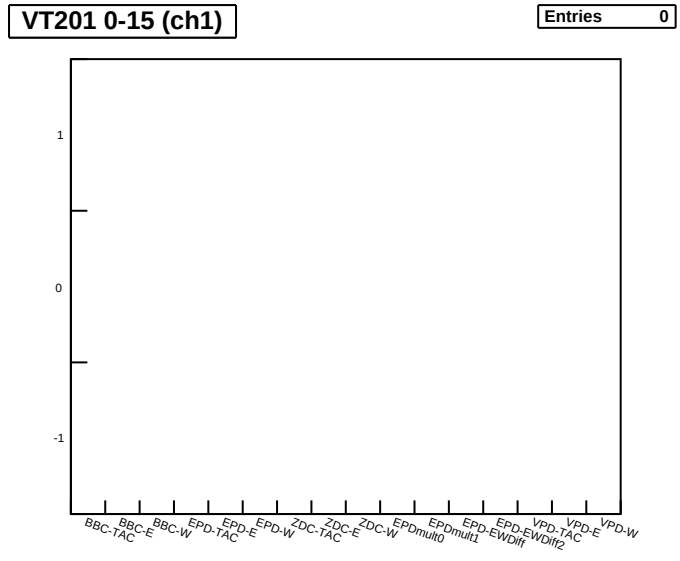

Laser Input Bits
Entries 455498
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

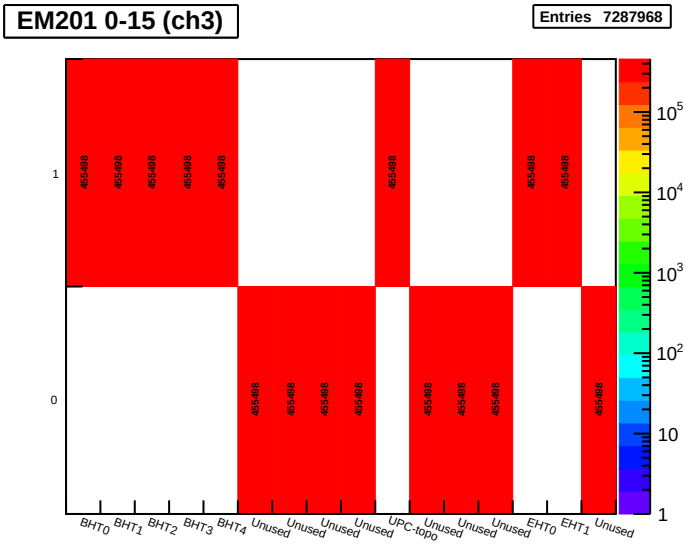

ST201 0-15 (ch6)
Entries 7287968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
455498
455498
455498
455498
455498
455498
455498
455498
455498
455498
455498
455498
455498
455498
455496
455481
2
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 7287968
1
0
455498
455498
455498