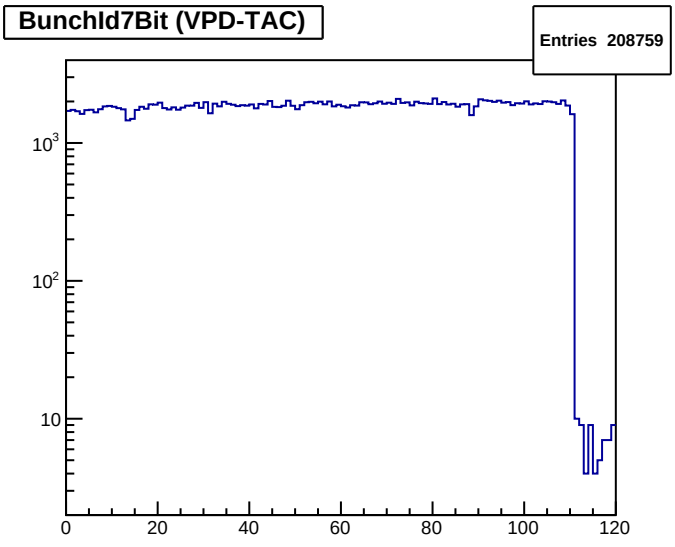
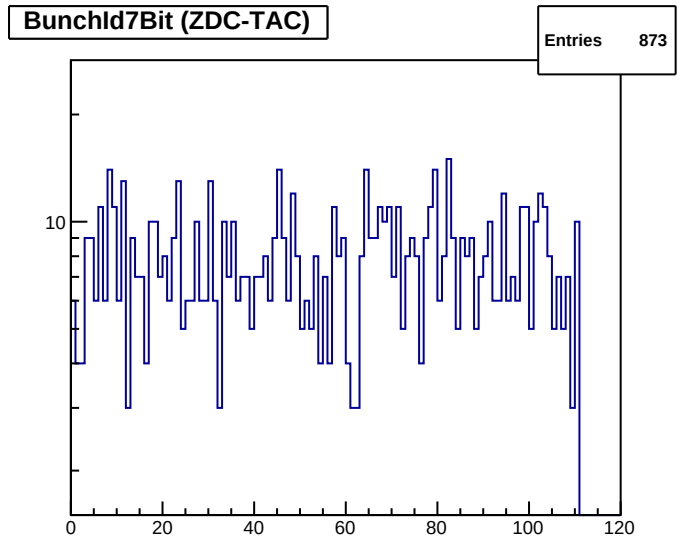
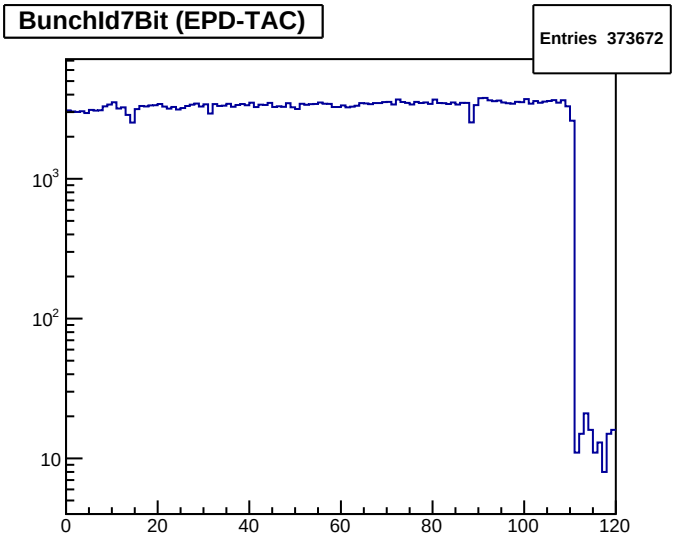
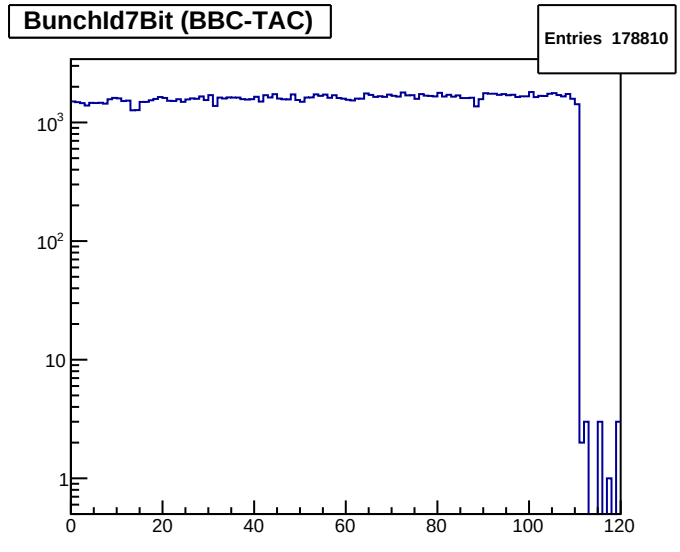
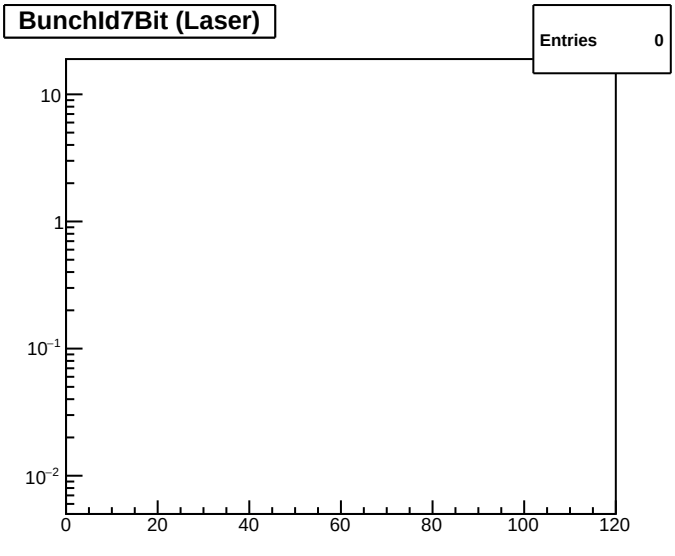
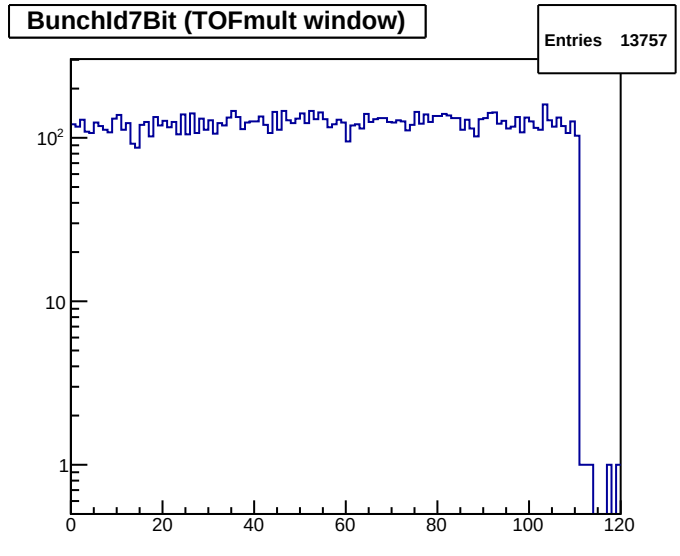

BunchId7Bit (VPD-TAC)
Entries 208759

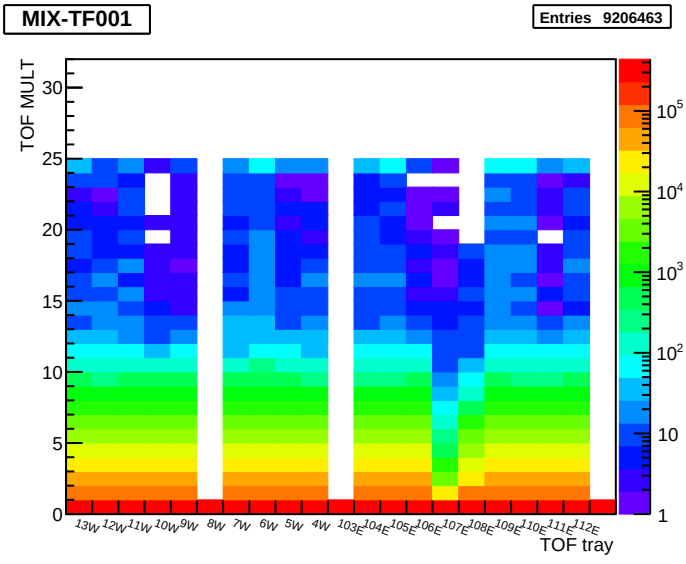

BunchId7Bit (ZDC-TAC)
Entries 873

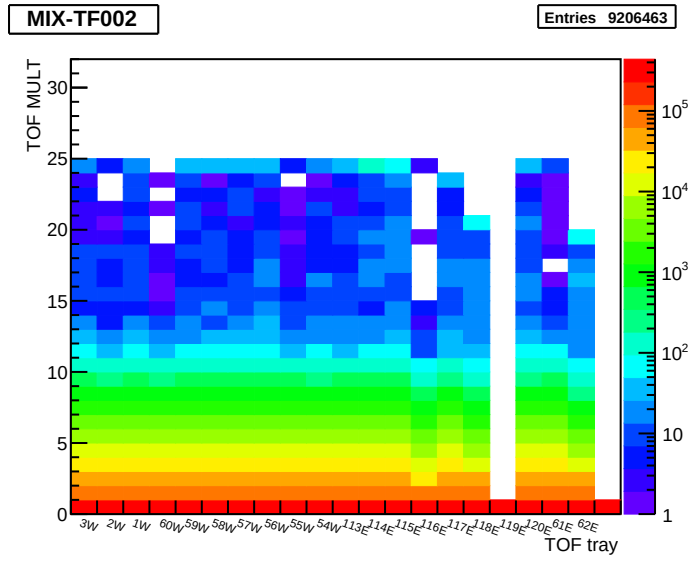

BunchId7Bit (EPD-TAC)
Entries 373672

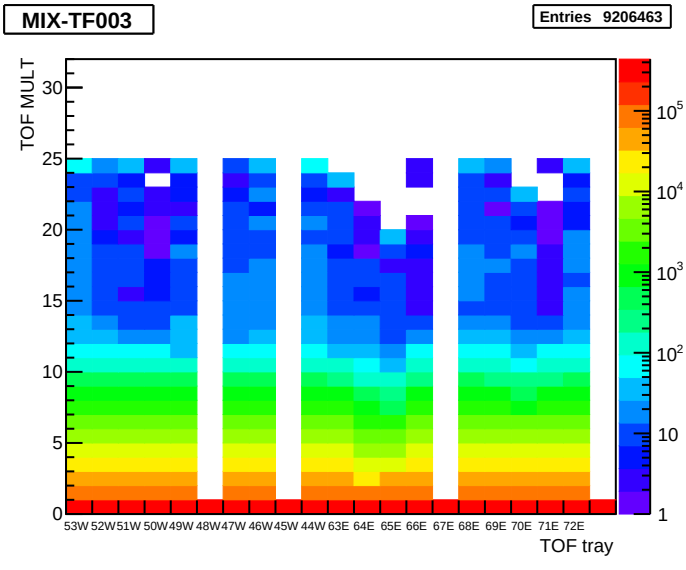

BunchId7Bit (BBC-TAC)
Entries 178810

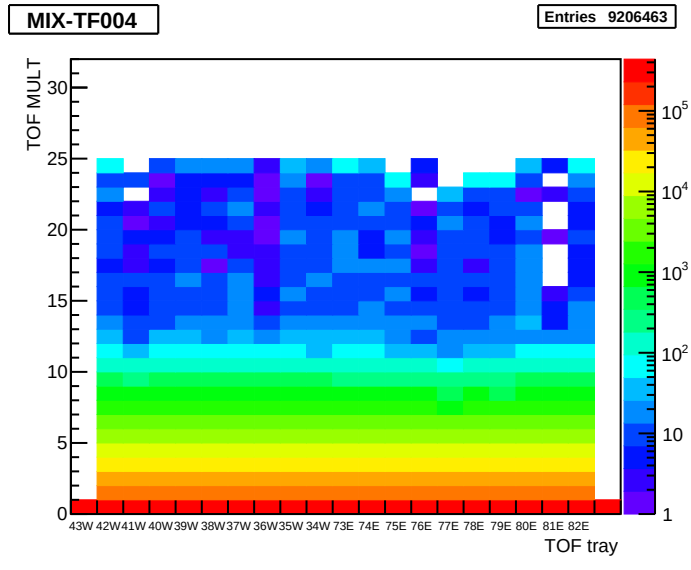

BunchId7Bit (Laser)
Entries 0

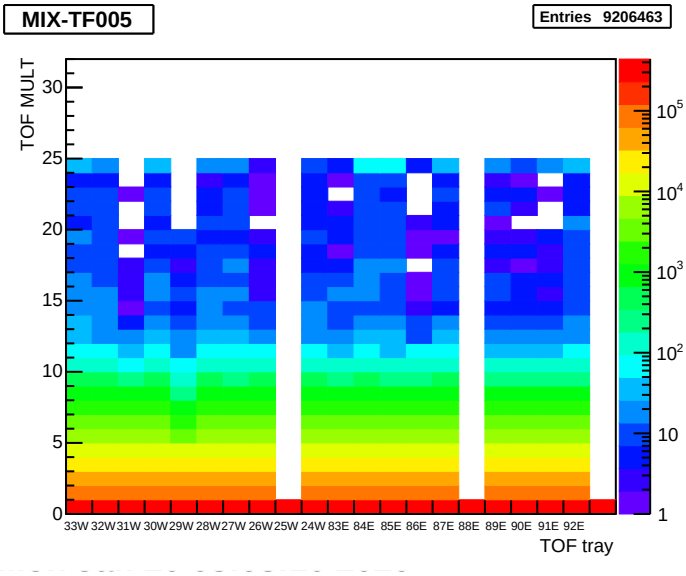

BunchId7Bit (TOFmult window)
Entries 13757

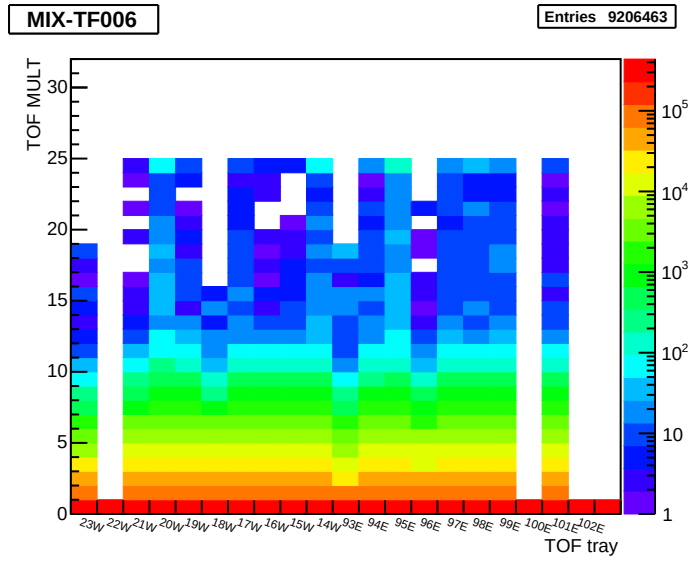

MIX-TF001
Entries 9206463
TOF MULT
TOF tray

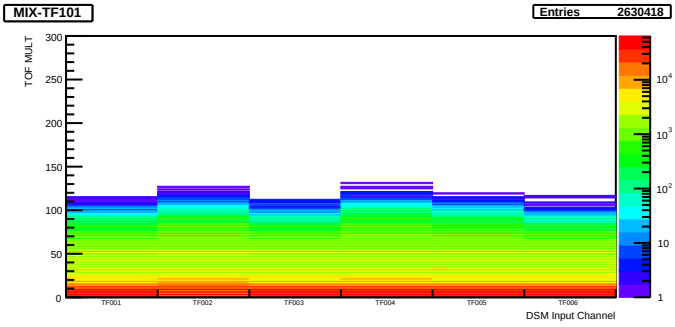

MIX-TF002
Entries 9206463
TOF MULT
TOF tray

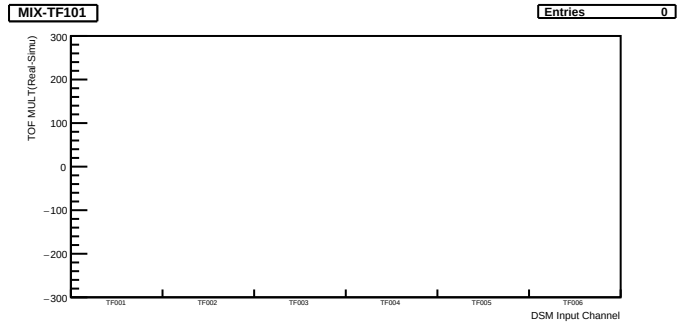

MIX-TF003
Entries 9206463
TOF MULT
TOF tray

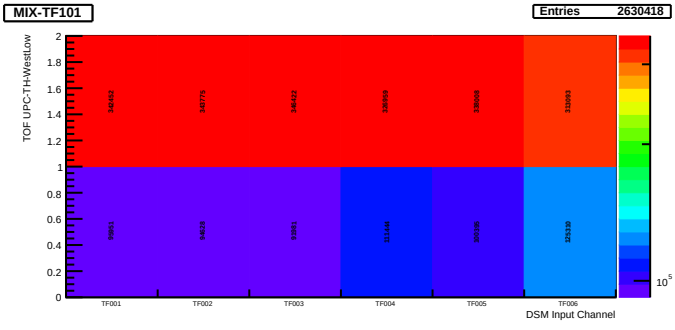

MIX-TF004
Entries 9206463
TOF MULT
TOF tray

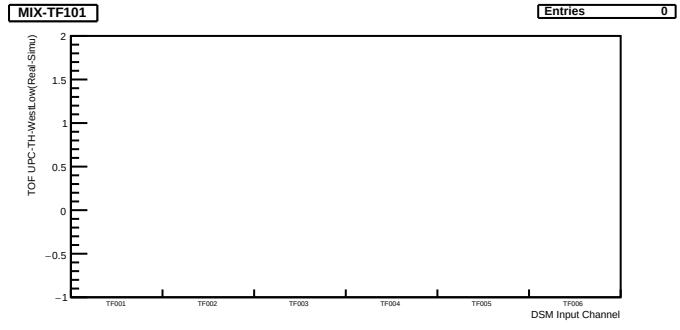

MIX-TF005
Entries 9206463
TOF MULT
TOF tray

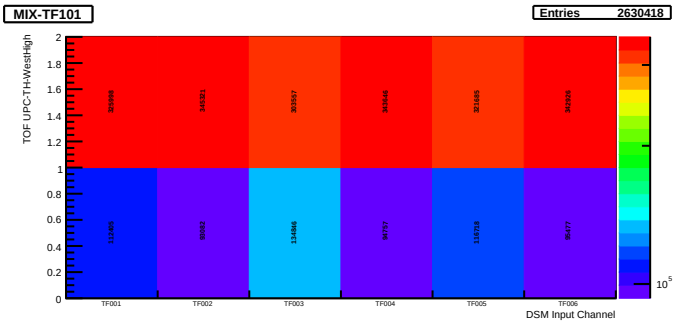

MIX-TF006
Entries 9206463
TOF MULT
TOF tray

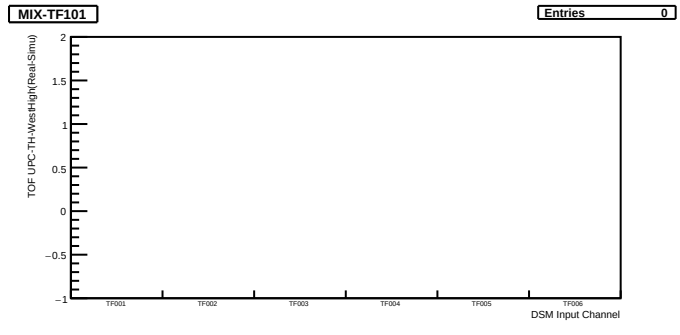

MIX-TF101
Entries 2630418
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

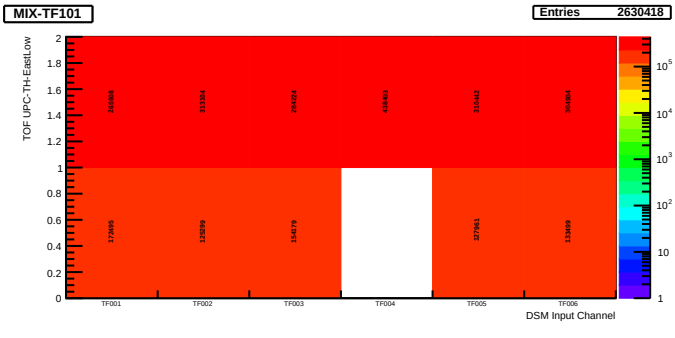

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

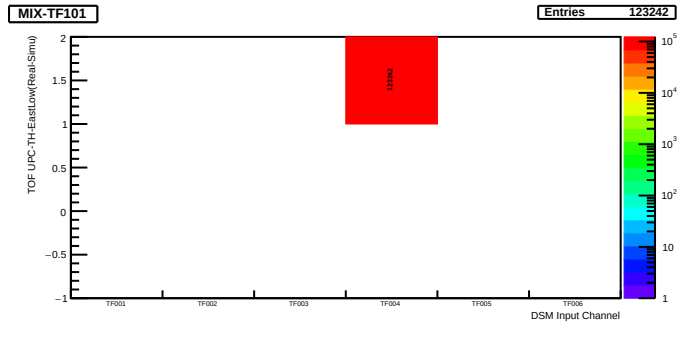

MIX-TF101
Entries 2630418
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

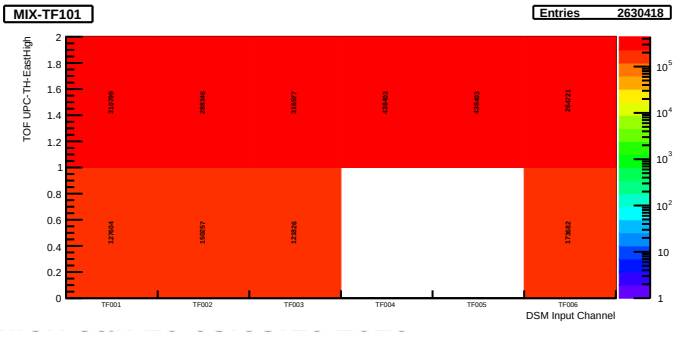

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

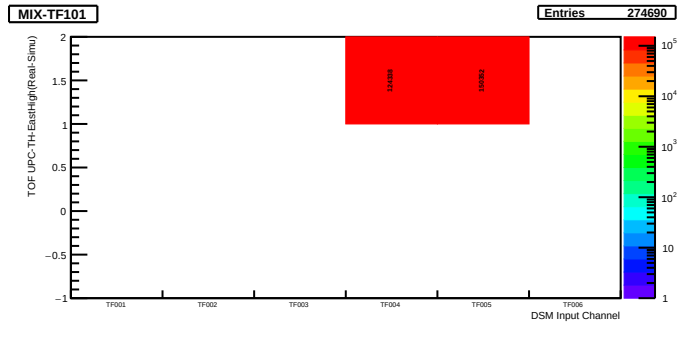

MIX-TF101
Entries 2630418
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

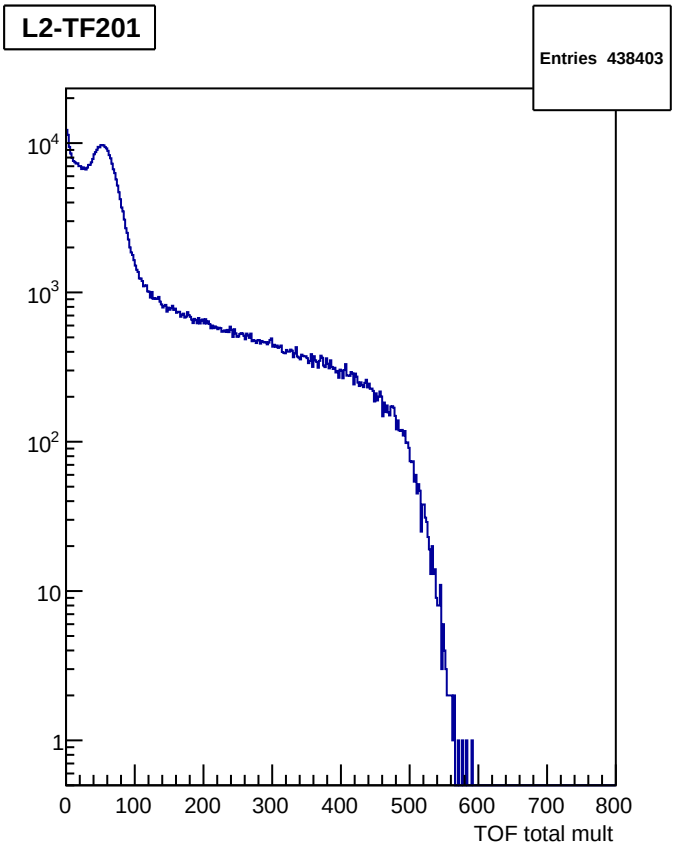

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

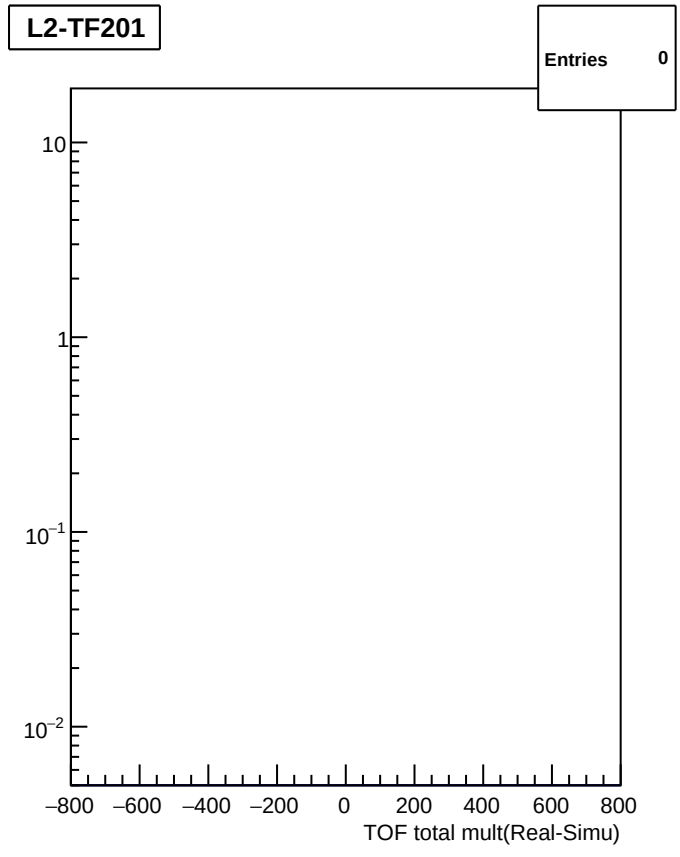

MIX-TF101
Entries 2630418
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

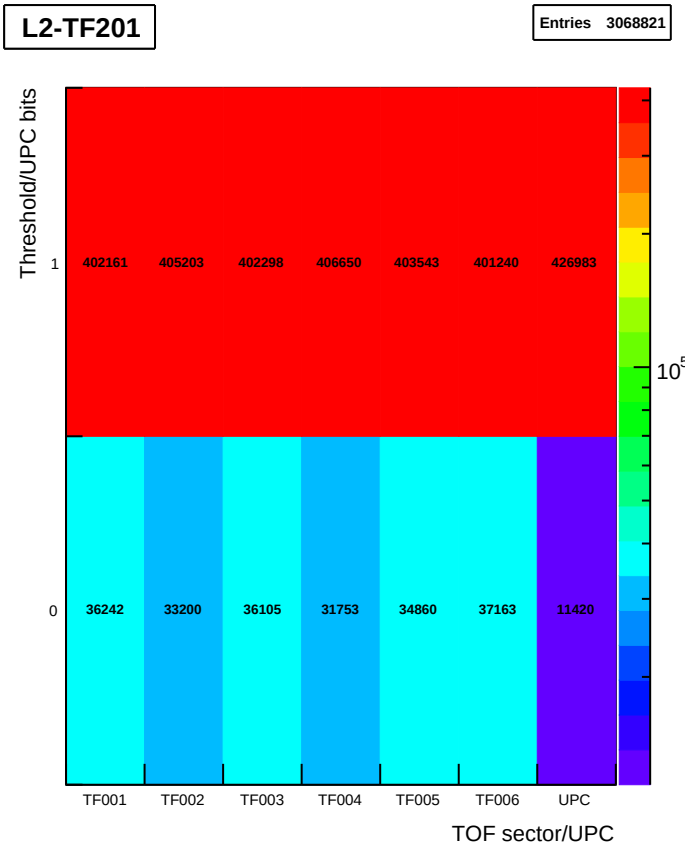

MIX-TF101
Entries 123242
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

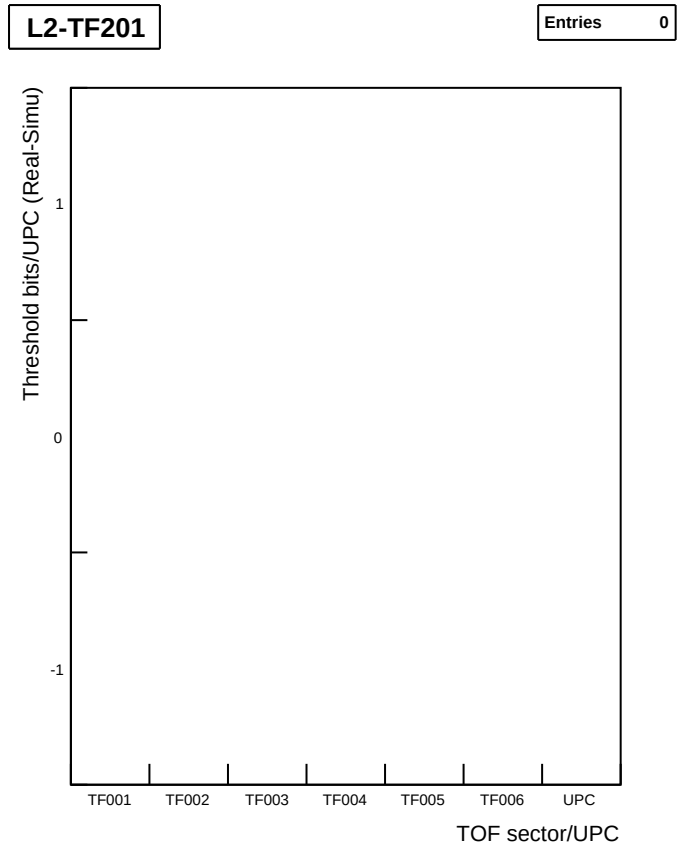

MIX-TF101
Entries 2630418
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

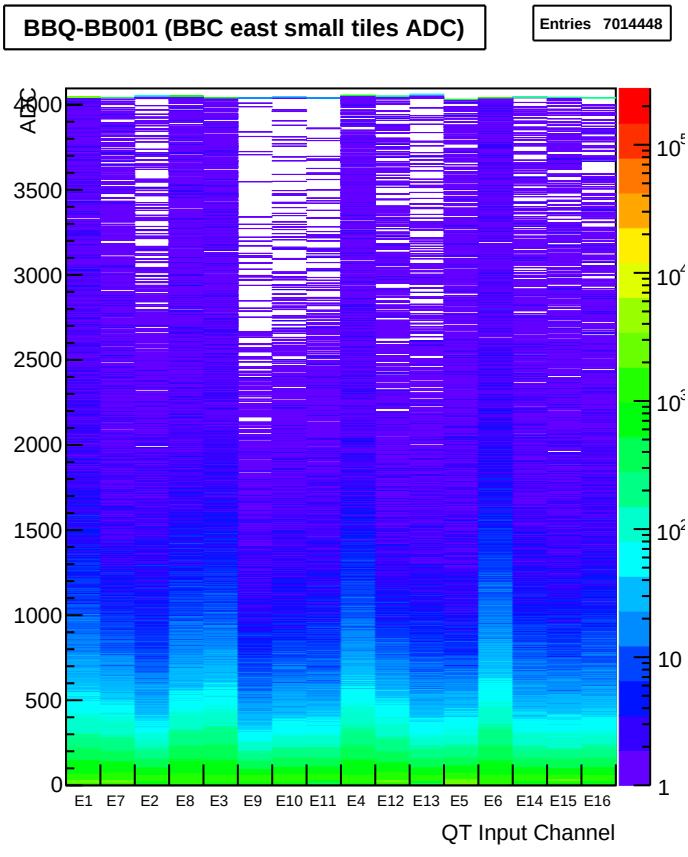

MIX-TF101
Entries 274690
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

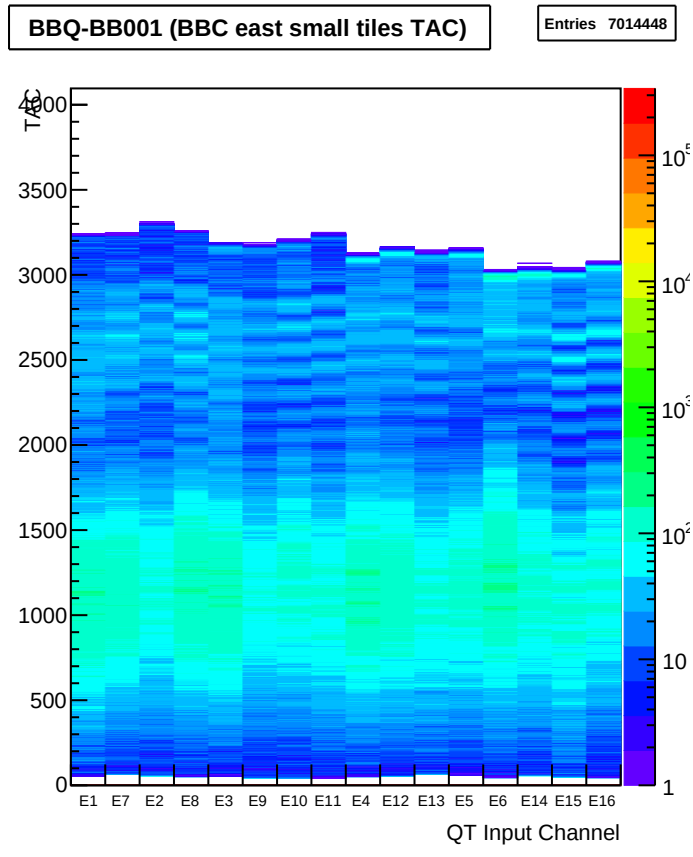

L2-TF201
Entries 438403
TOF total mult

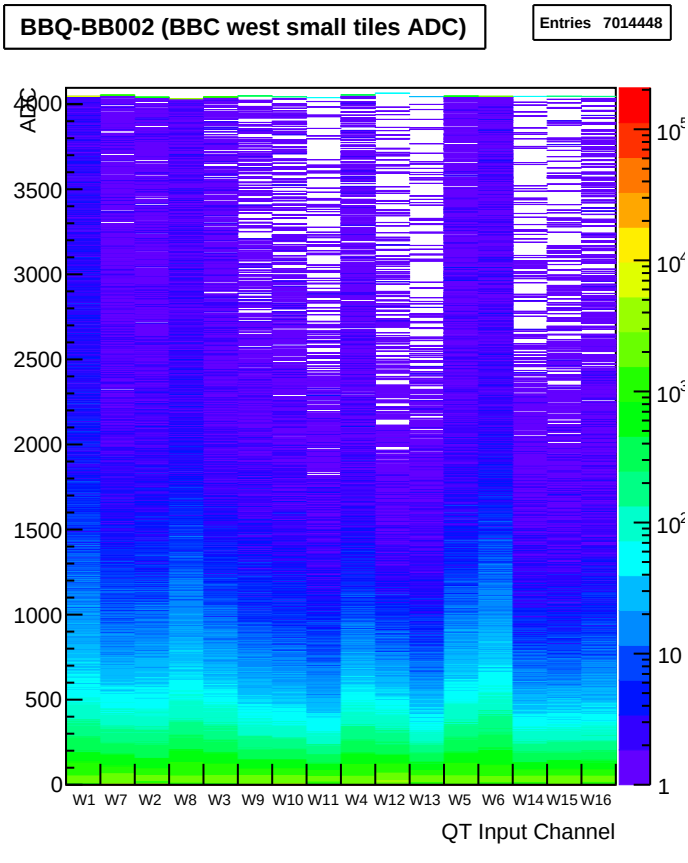

L2-TF201
Entries 0
TOF total mult(Real-Simu)

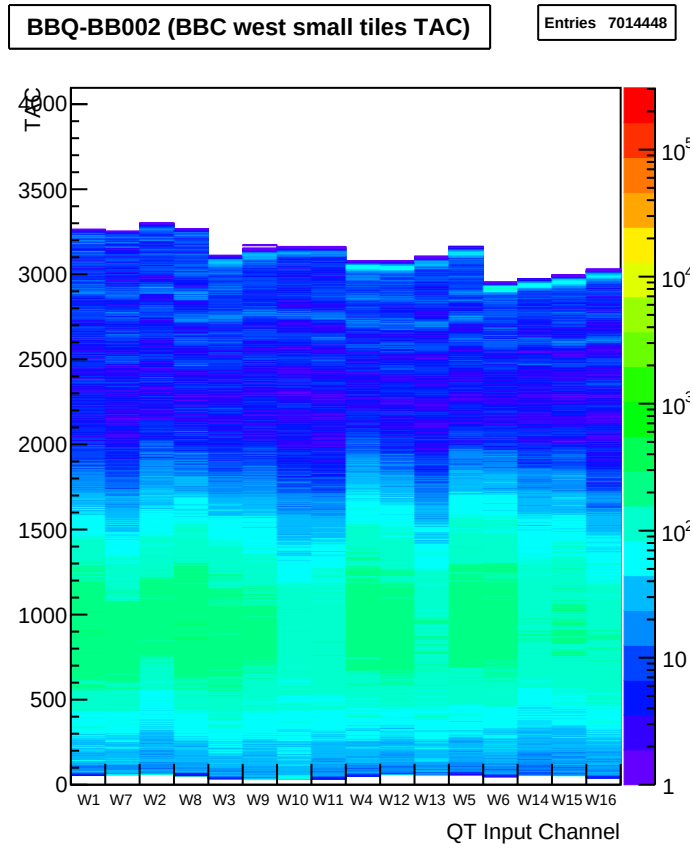

L2-TF201
Entries 3068821
Threshold/UPC bits
402161
405203
402298
406650
403543
401240
426983
36242
33200
36105
31753
34860
37163
11420
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

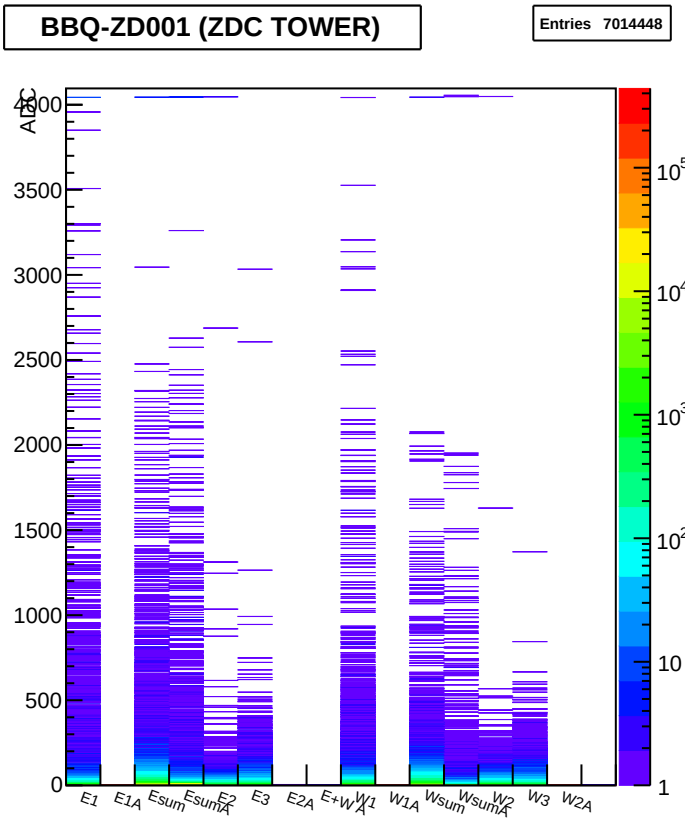

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

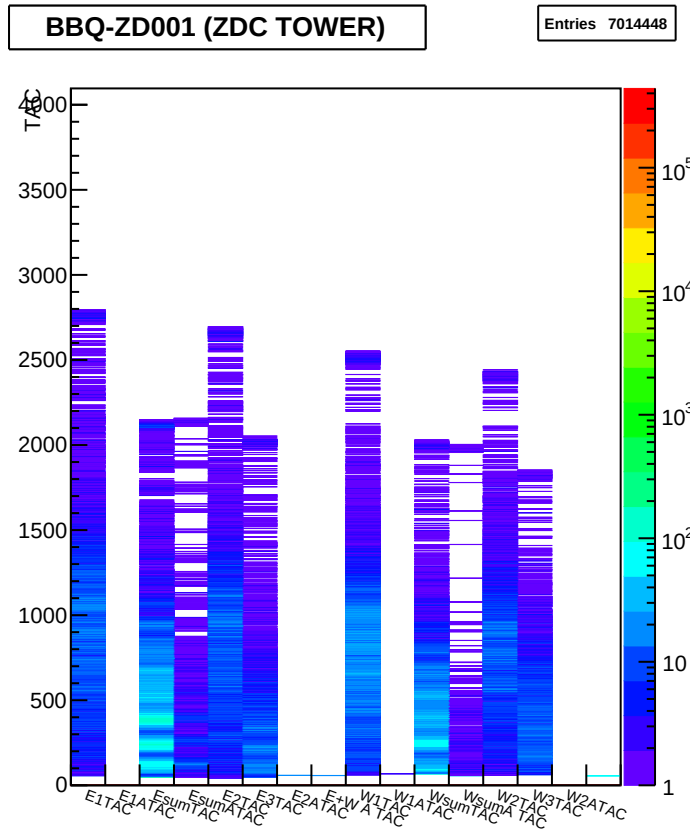

BBQ-BB001 (BBC east small tiles ADC)
Entries 7014448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

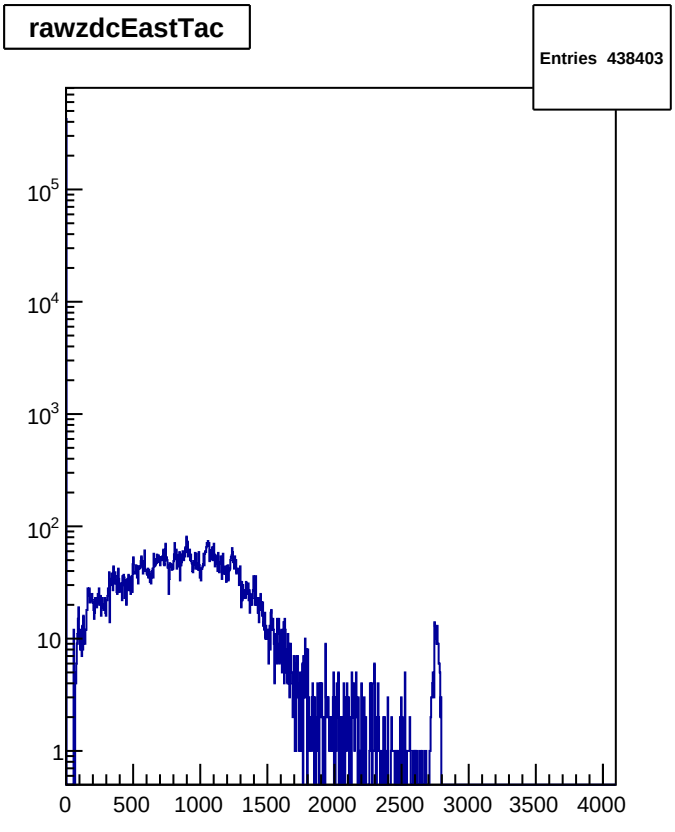

BBQ-BB001 (BBC east small tiles TAC)
Entries 7014448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

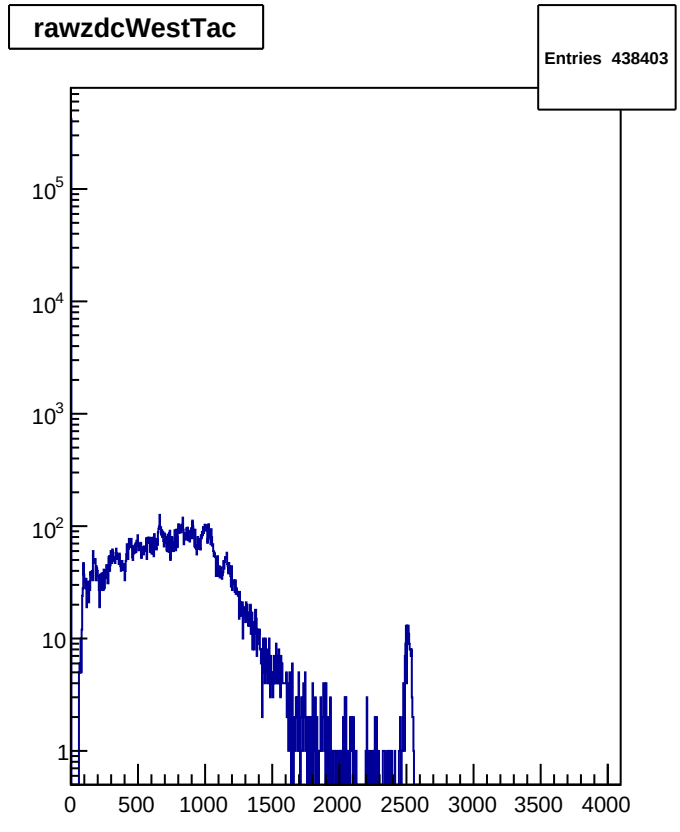

BBQ-BB002 (BBC west small tiles ADC)
Entries 7014448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

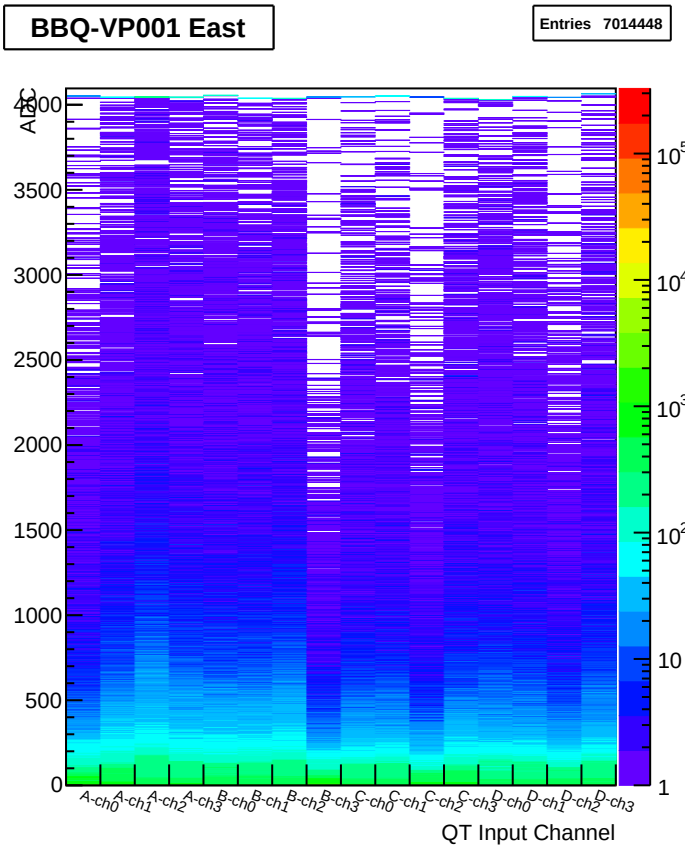

BBQ-BB002 (BBC west small tiles TAC)
Entries 7014448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

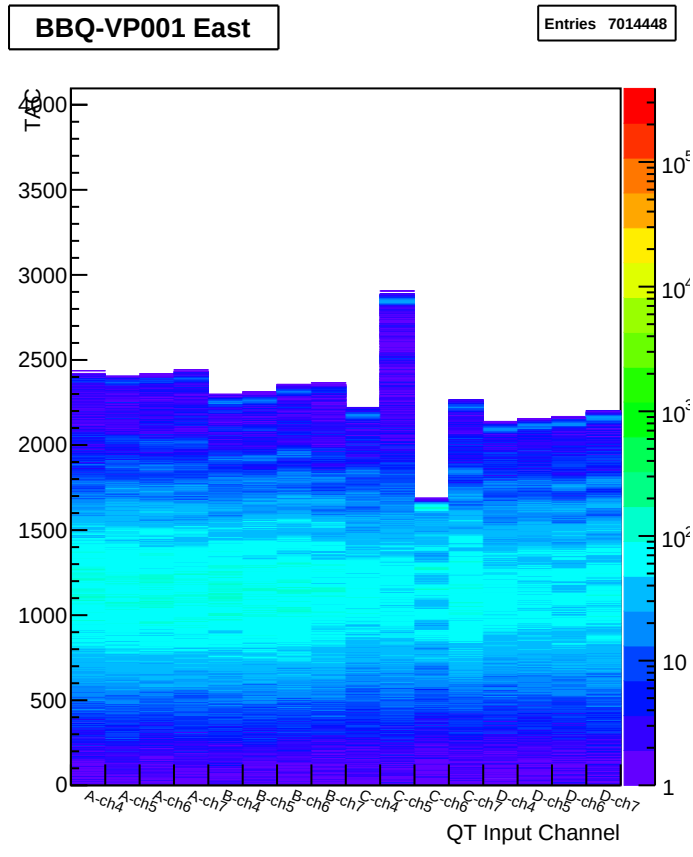

BBQ-ZD001 (ZDC TOWER)
Entries 7014448
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

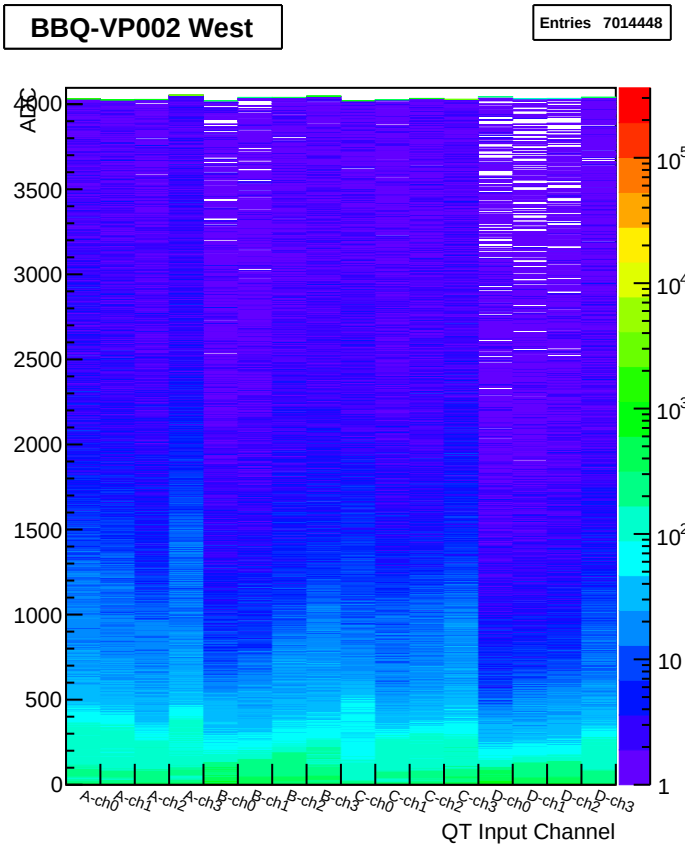

BBQ-ZD001 (ZDC TOWER)
Entries 7014448
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

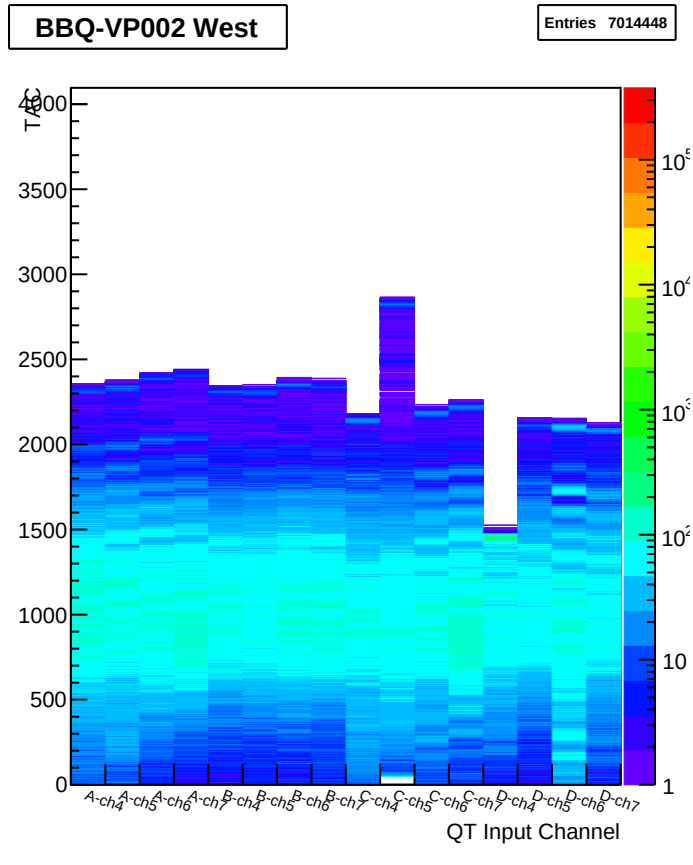

rawzdcEastTac
Entries 438403

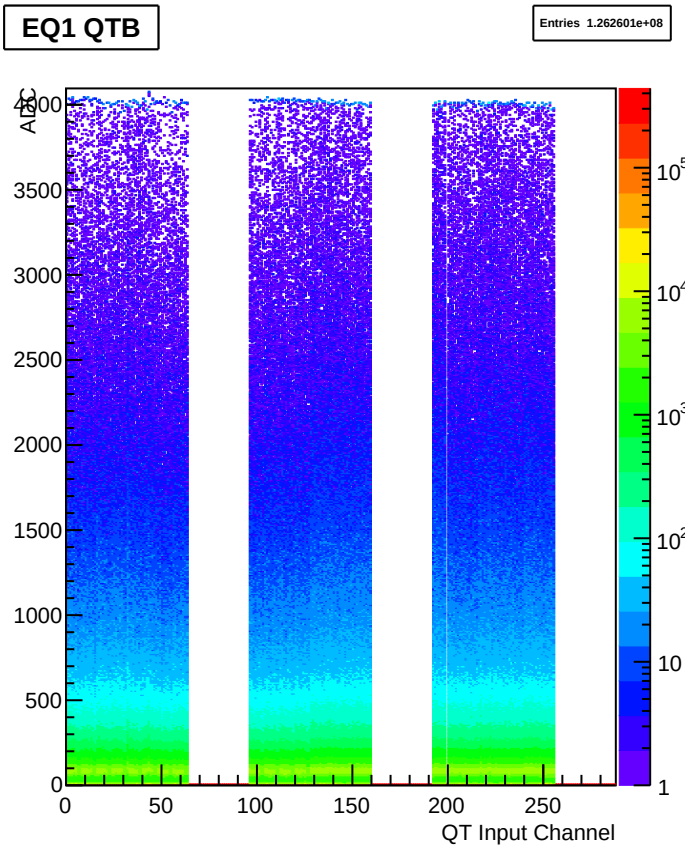

rawzdcWestTac
Entries 438403

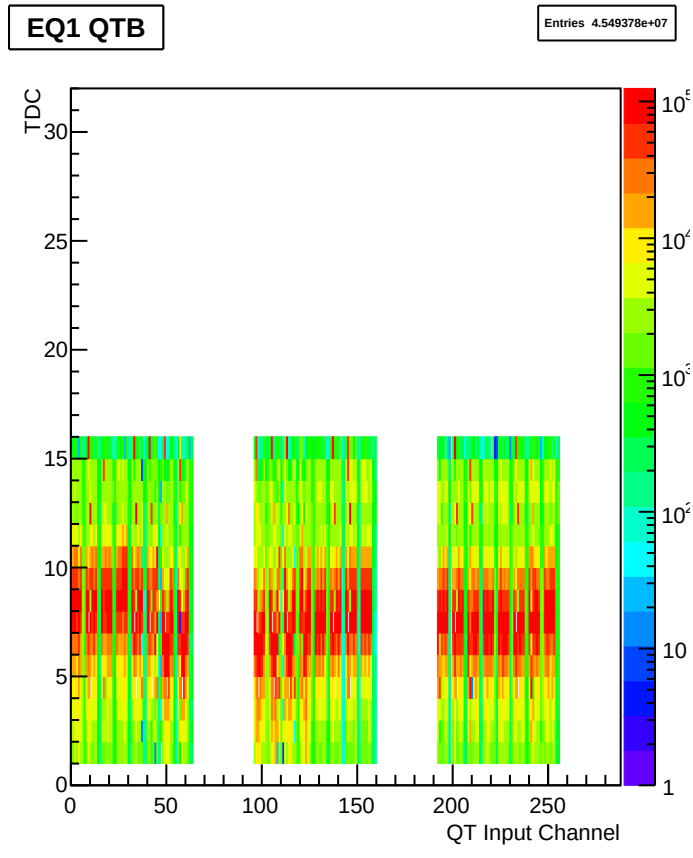

BBQ-VP001 East
Entries 7014448
ADC
QT Input Channel

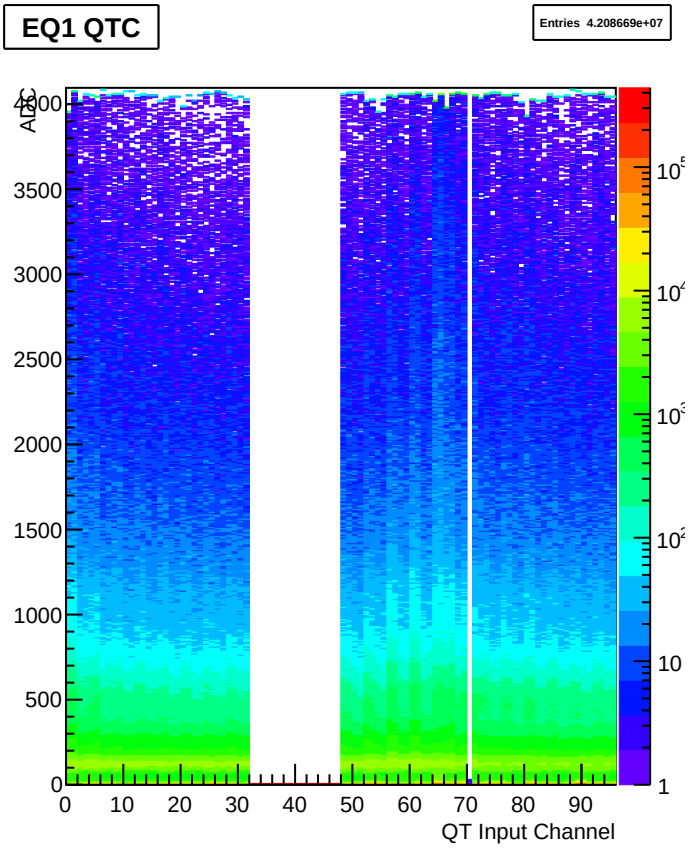

BBQ-VP001 East
Entries 7014448
TADC
QT Input Channel

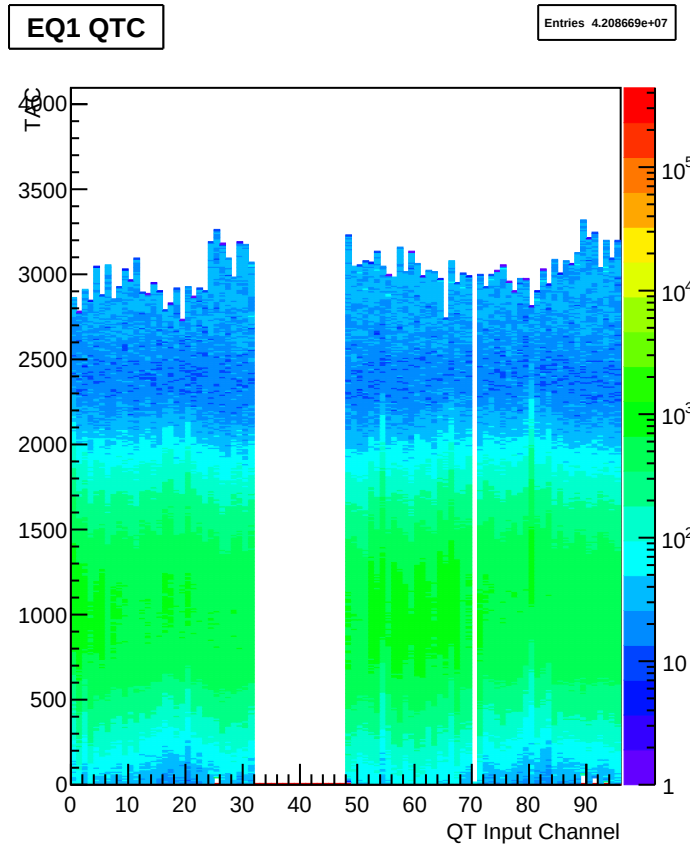

BBQ-VP002 West
Entries 7014448
ADC
QT Input Channel

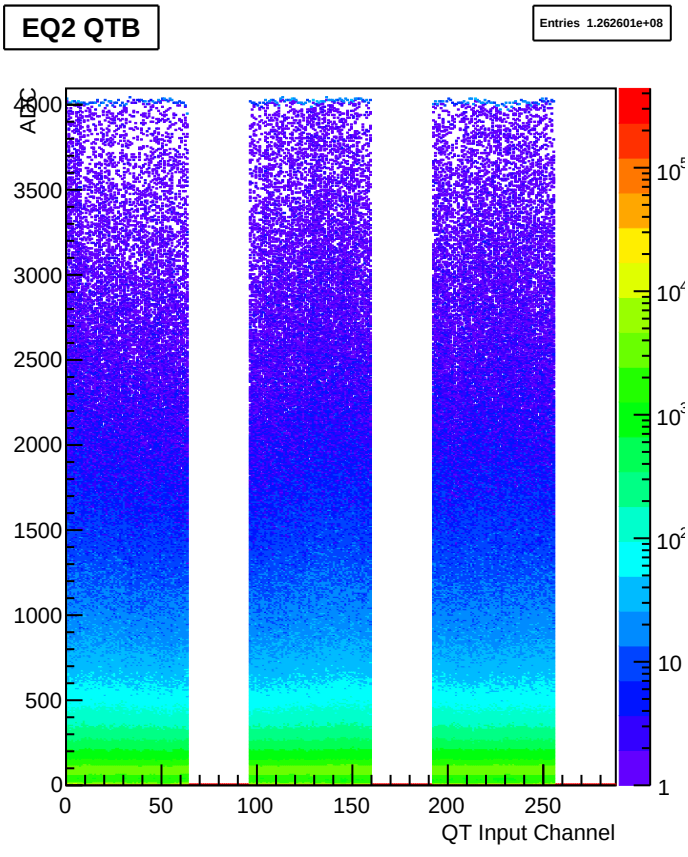

BBQ-VP002 West
Entries 7014448
TADC
QT Input Channel

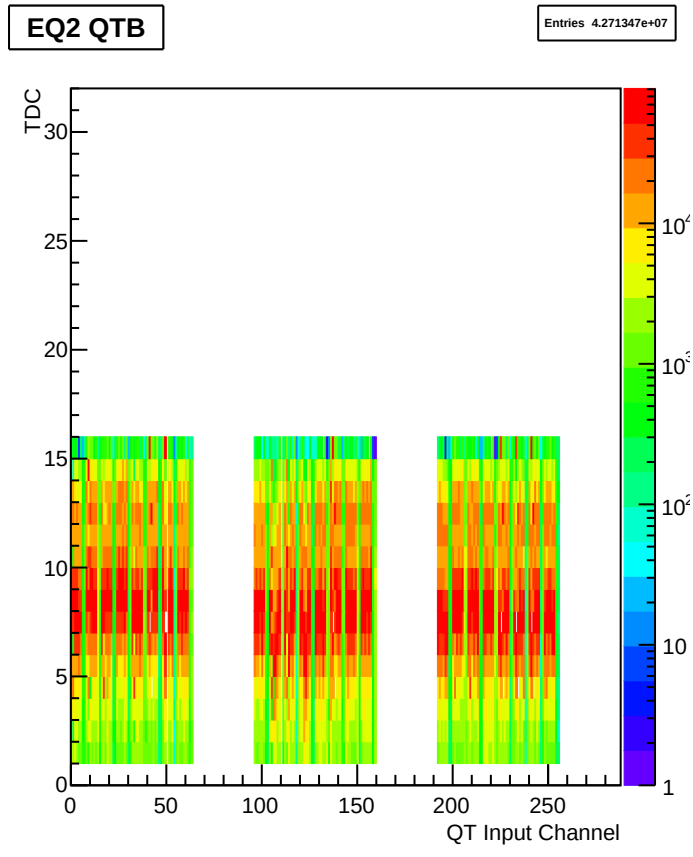

EQ1 QTB
Entries 1.262601e+08
ADC
QT Input Channel

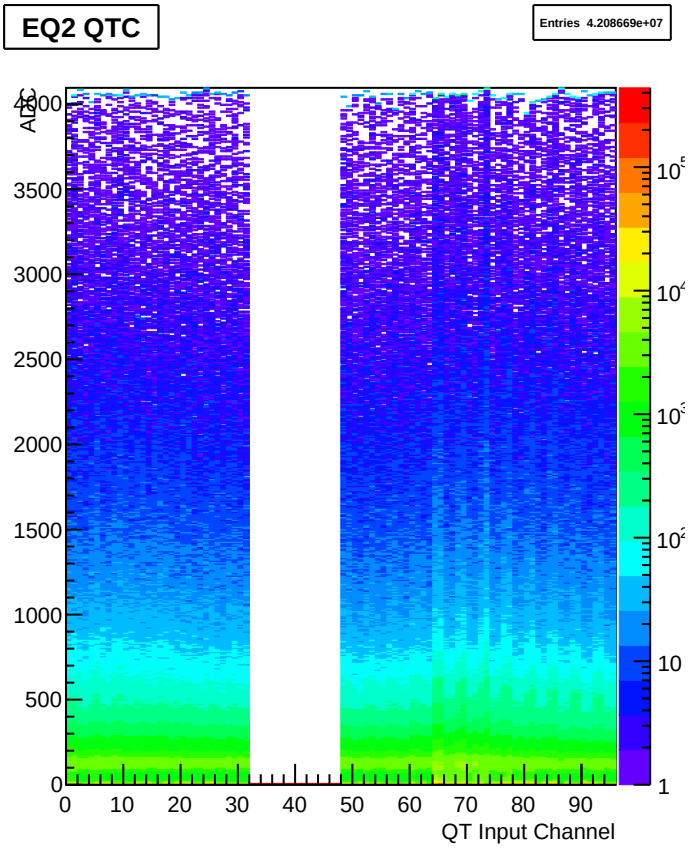

EQ1 QTB
Entries 4.549378e+07
TDC
QT Input Channel

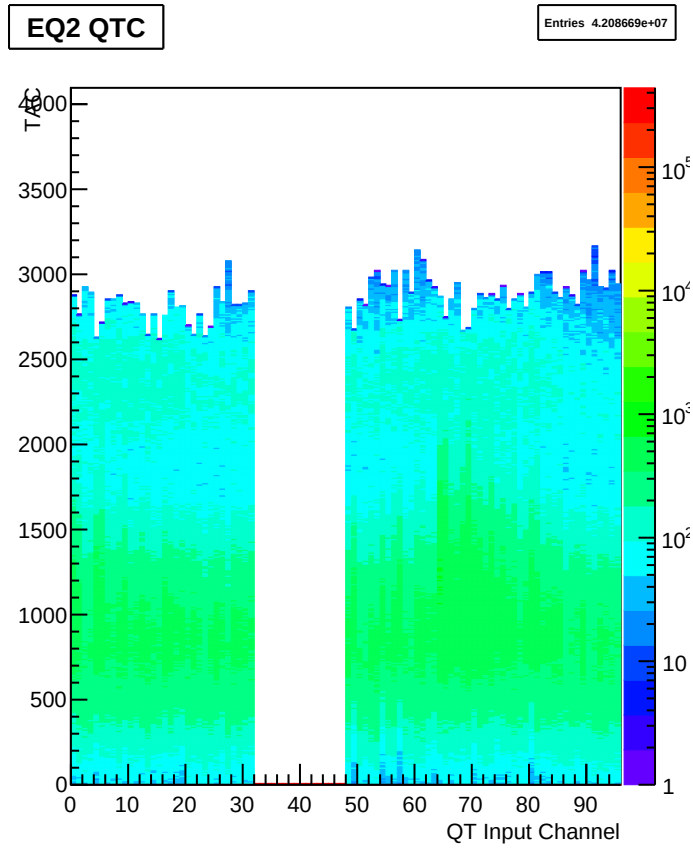

EQ1 QTC
Entries 4.208669e+07
ADC
QT Input Channel

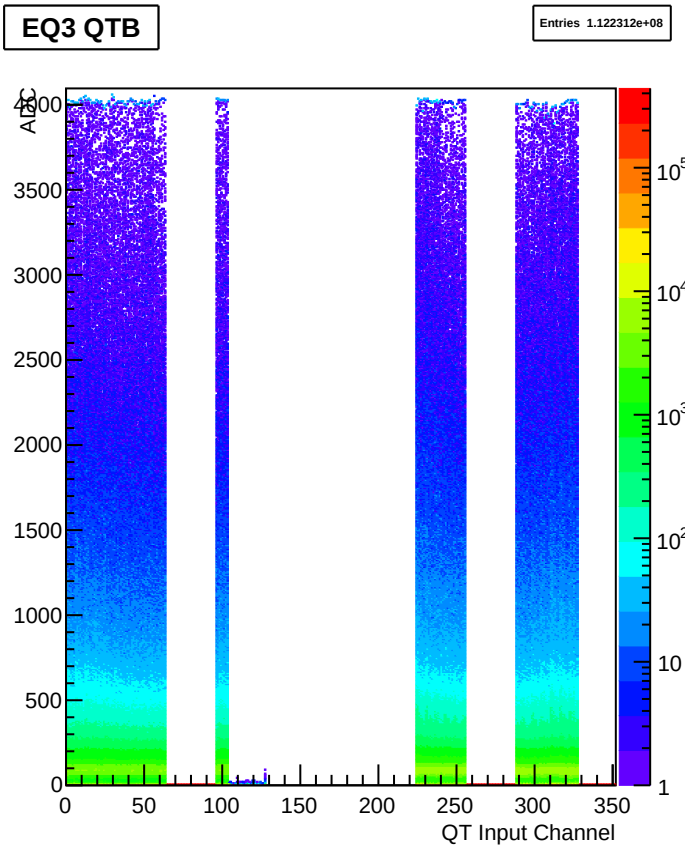

EQ1 QTC
Entries 4.208669e+07
TADC
QT Input Channel

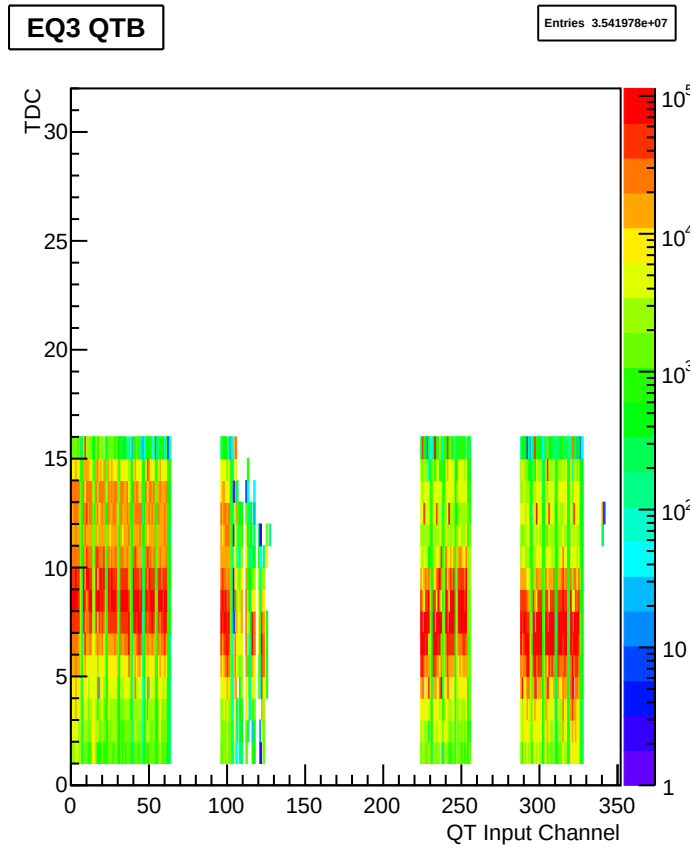

EQ2 QTB
Entries 1.262601e+08
ADC
QT Input Channel

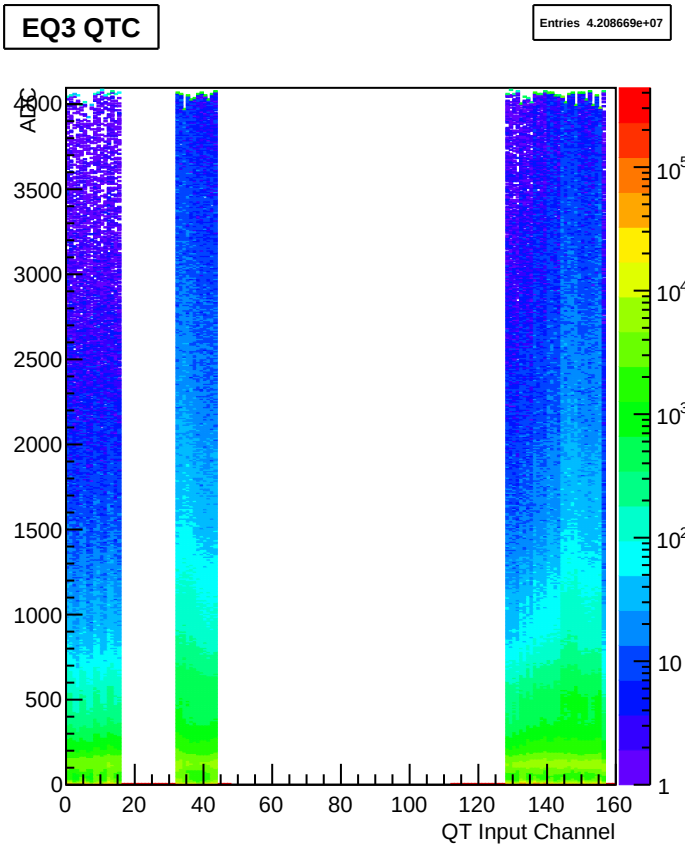

EQ2 QTB
Entries 4.271347e+07
TDC
QT Input Channel

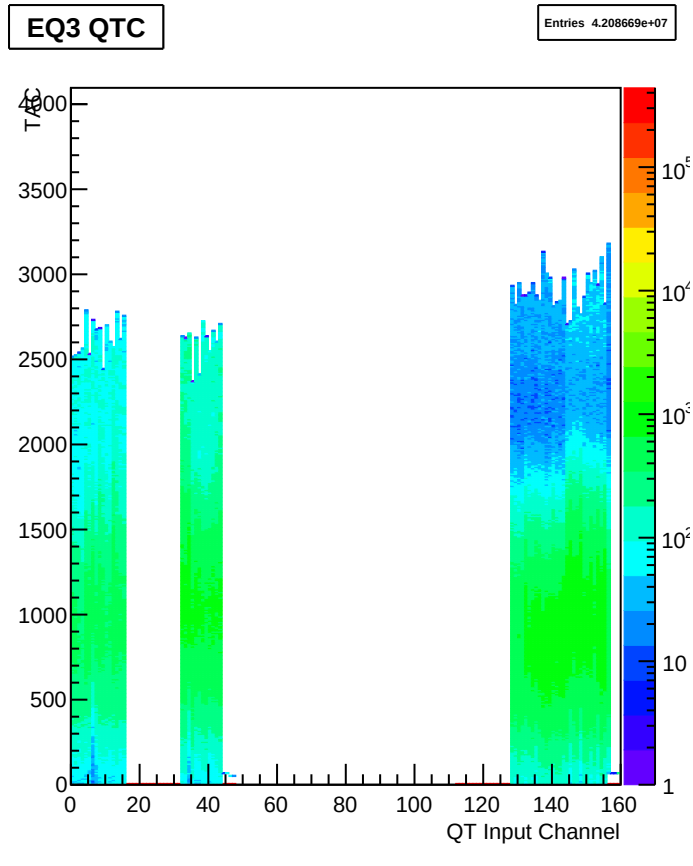

EQ2 QTC
Entries 4.208669e+07
ADC
QT Input Channel


EQ2 QTC
Entries 4.208669e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.122312e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.541978e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.208669e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.208669e+07
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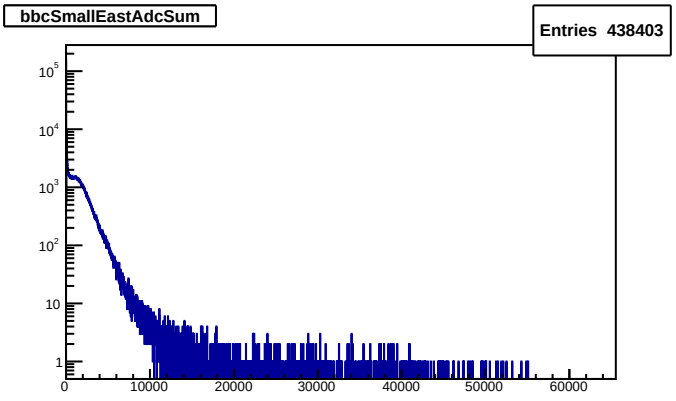
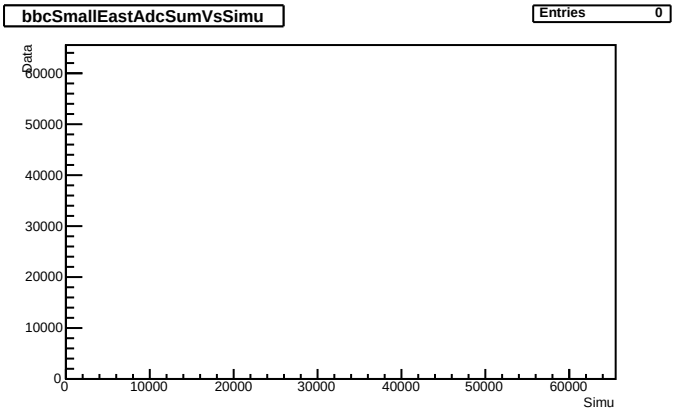
QT Input Channel


bbcSmallEastAdcSum
Entries 438403


bbcSmallEastAdcSumVsSimu
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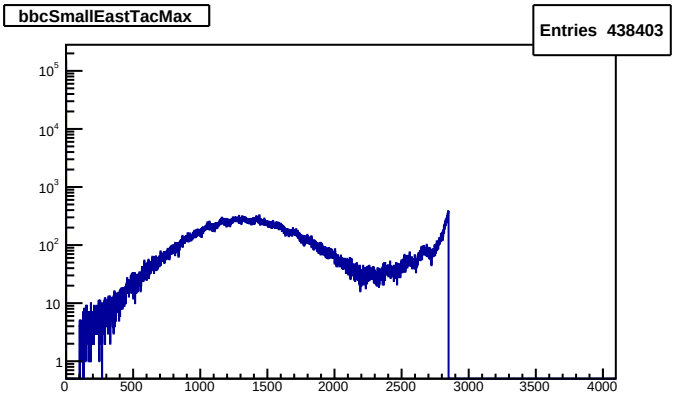
Data
Simu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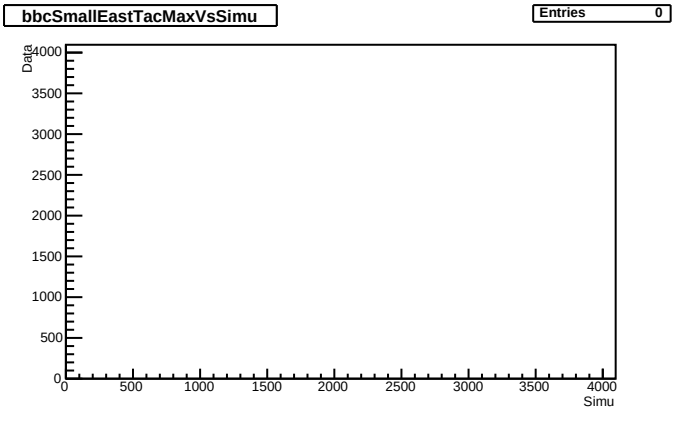
Entries 438403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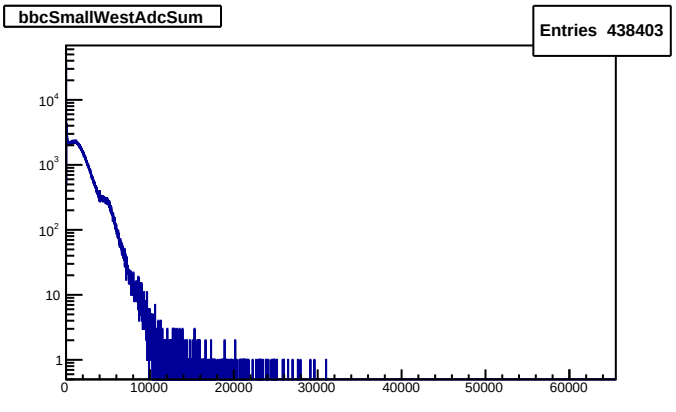
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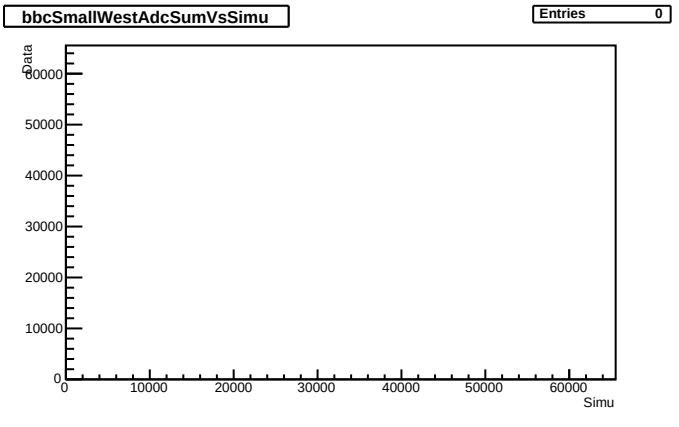
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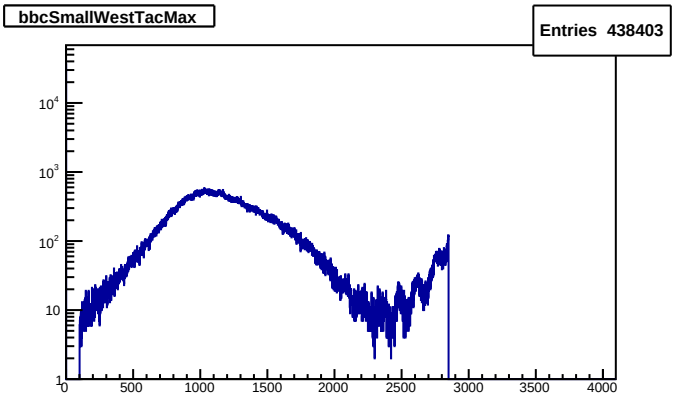
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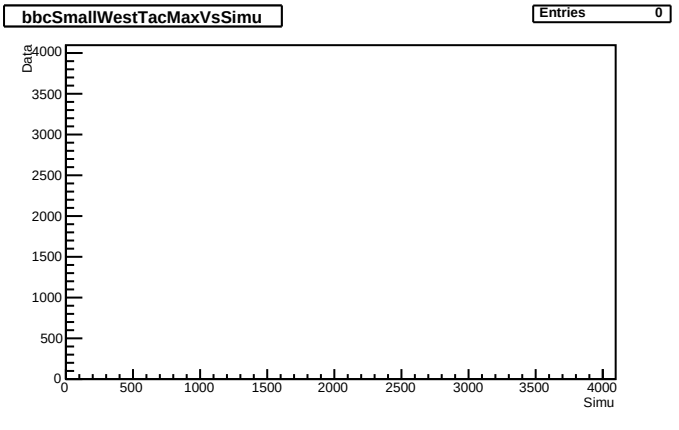
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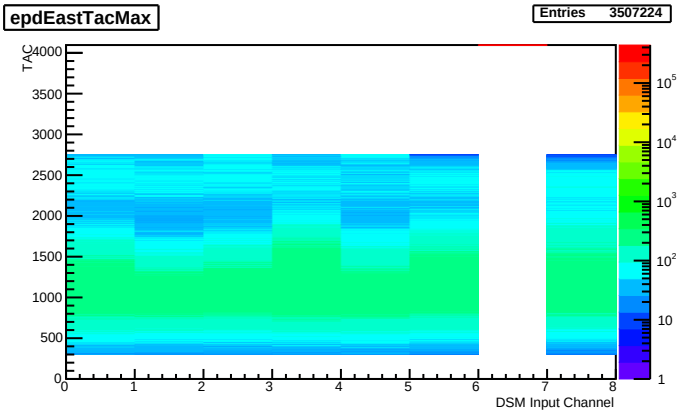
Simu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Entries 3507224
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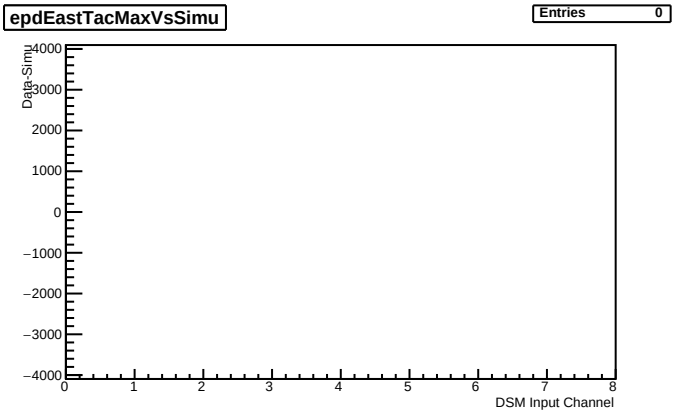
DSM Input Channel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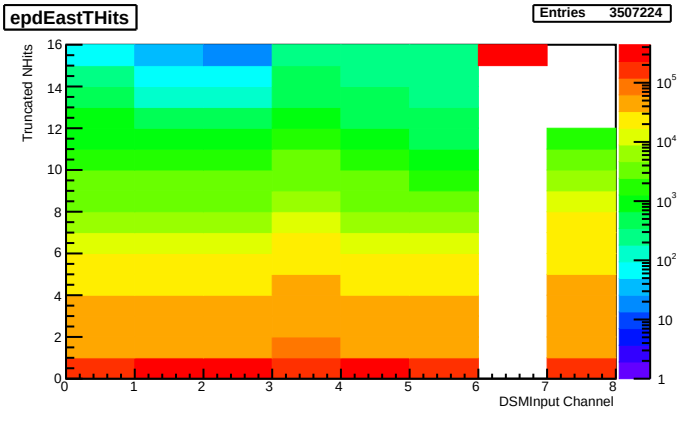
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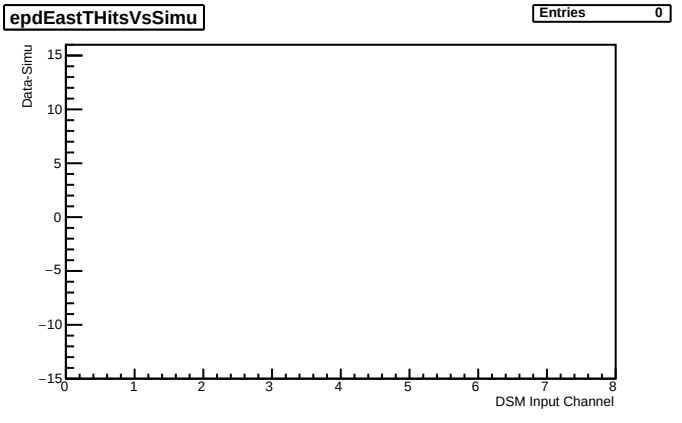
Entries 3507224
Truncated NHits
DSMInput Channel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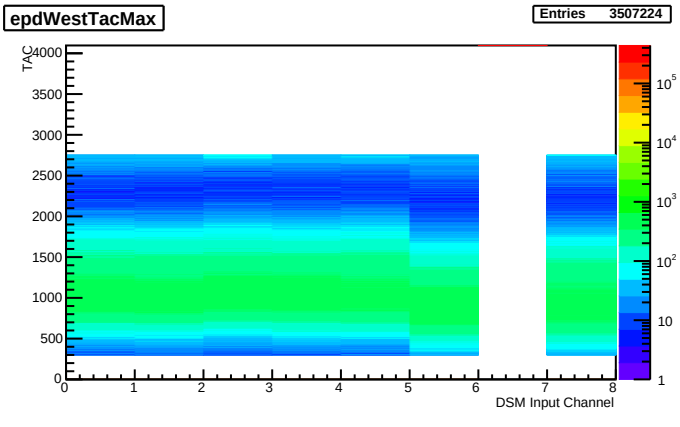
DSM Input Channel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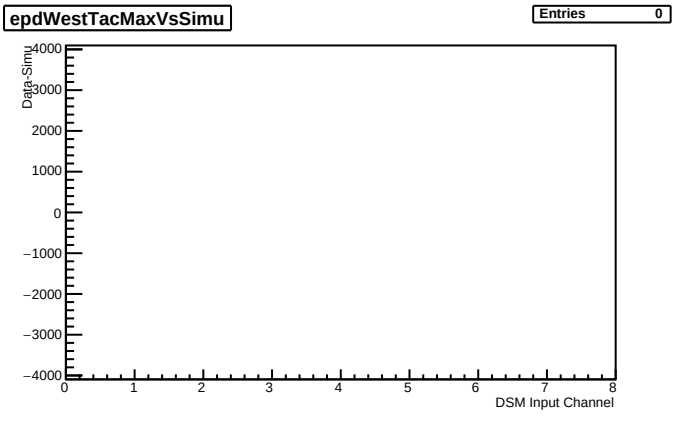
DSM Input Channel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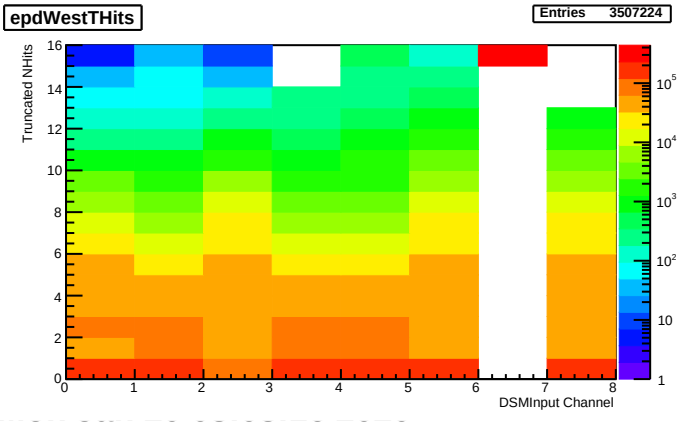
DSM Input Channel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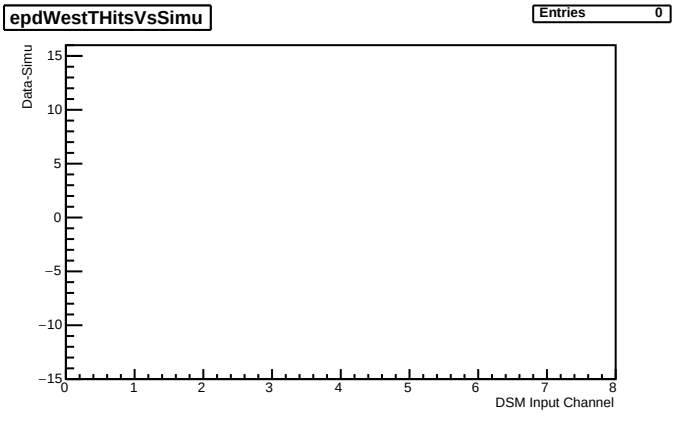
Entries 3507224
Truncated NHits
DSMInput Channel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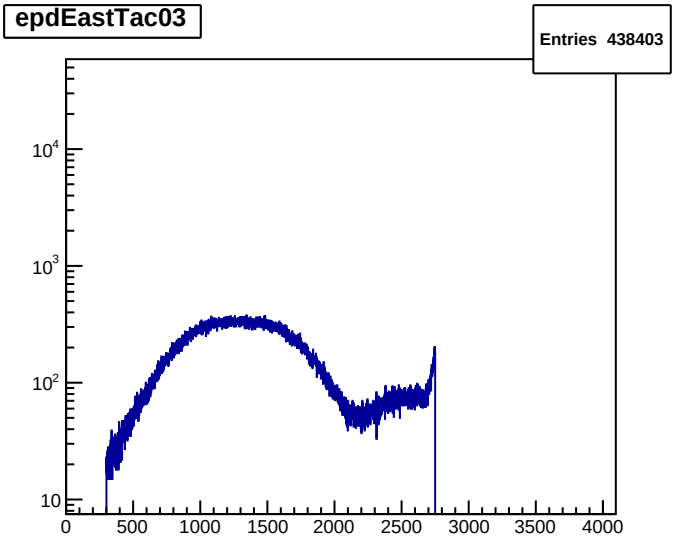
DSM Input Channel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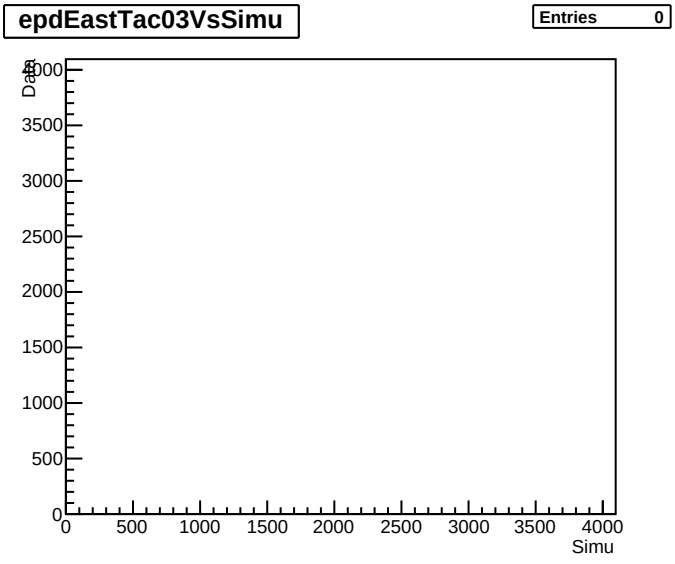
Entries 438403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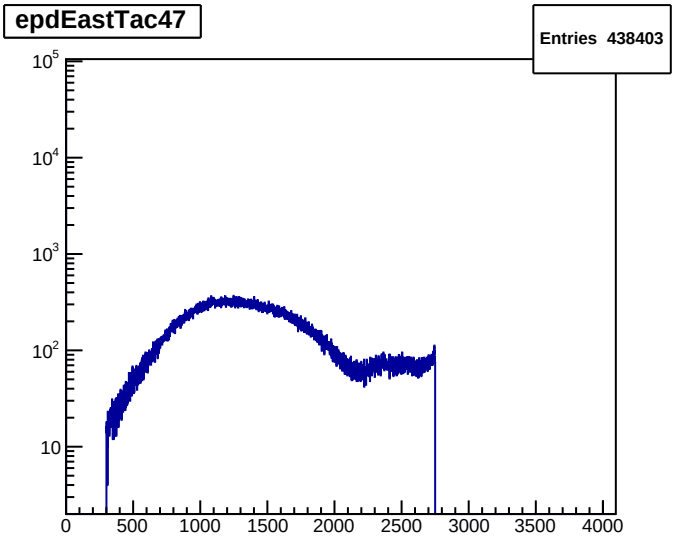
Entries 0
Data
Simu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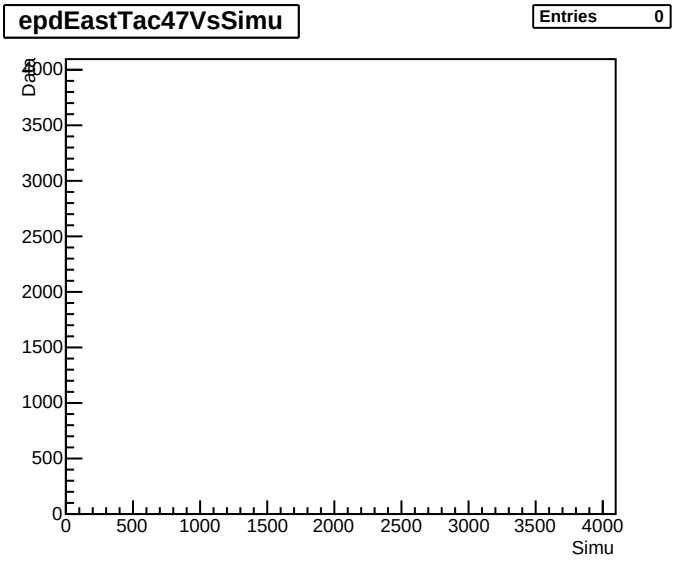
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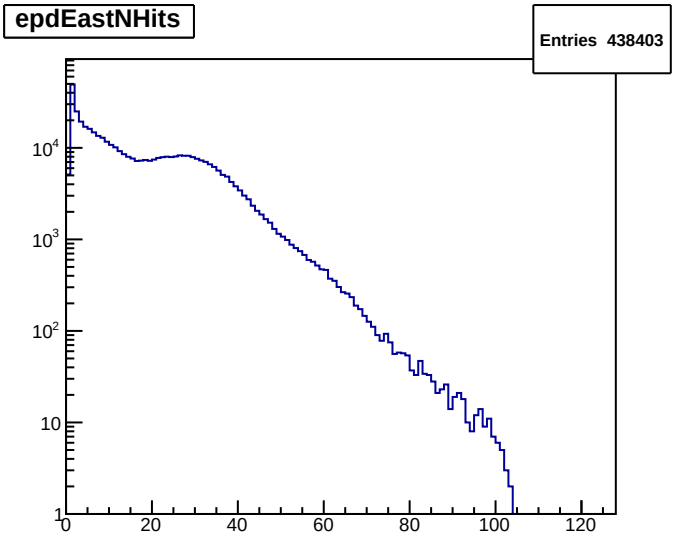
Data
Simu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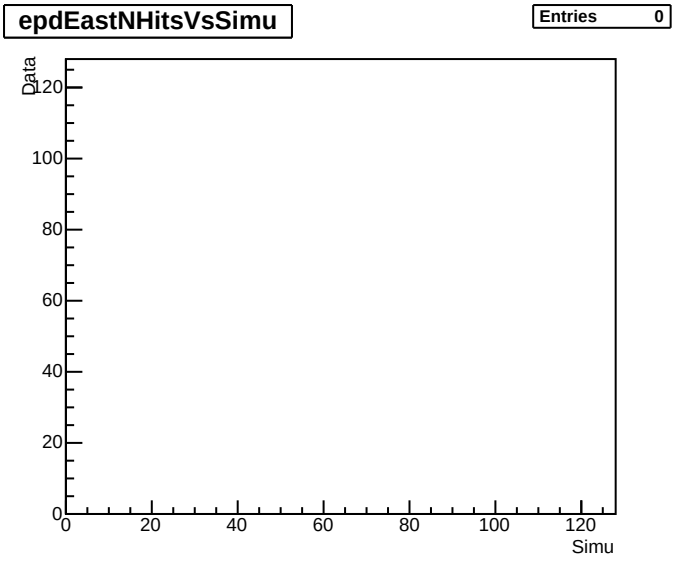
Entries 438403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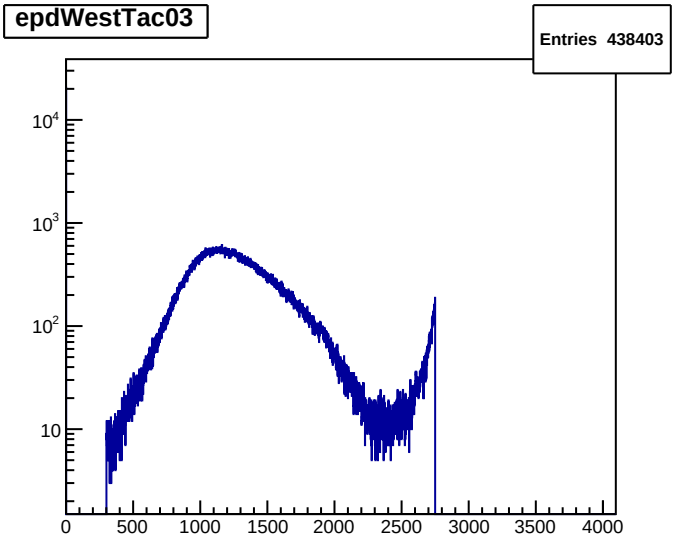
Data
Simu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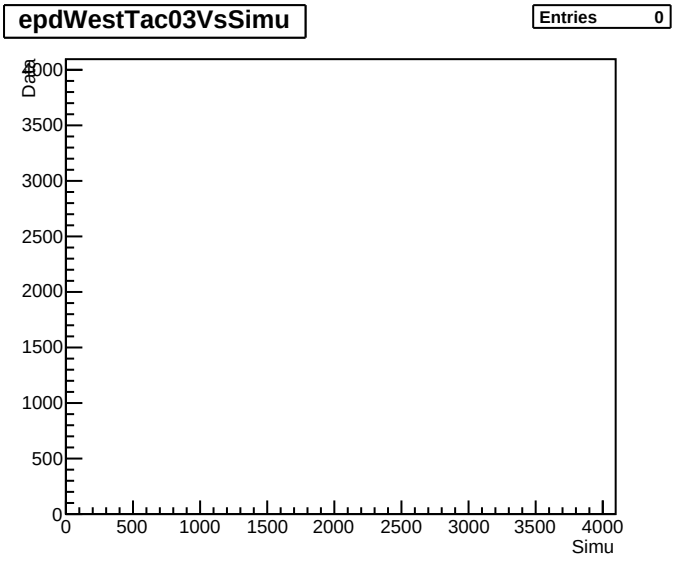
Entries 438403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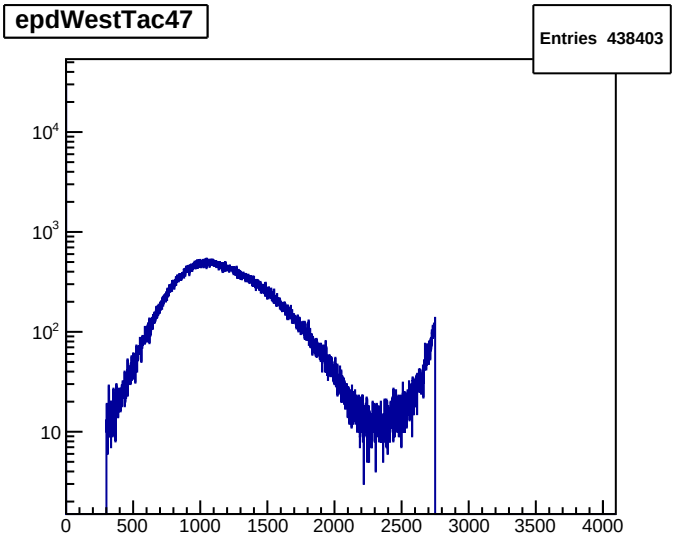
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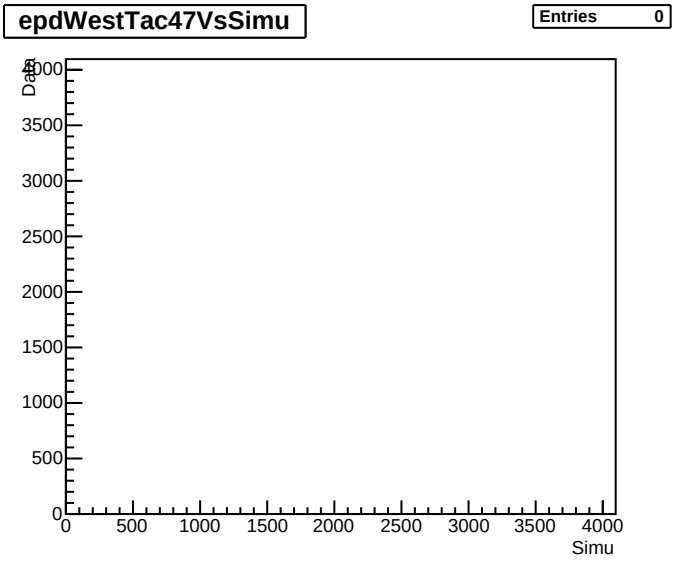
Entries 438403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Data
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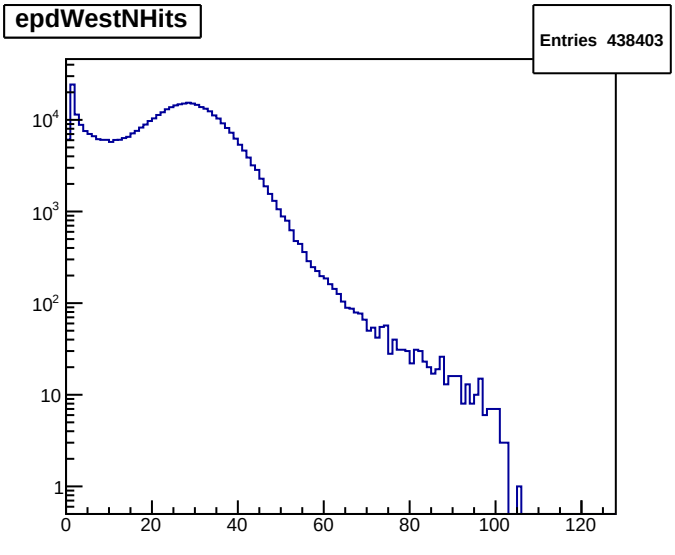
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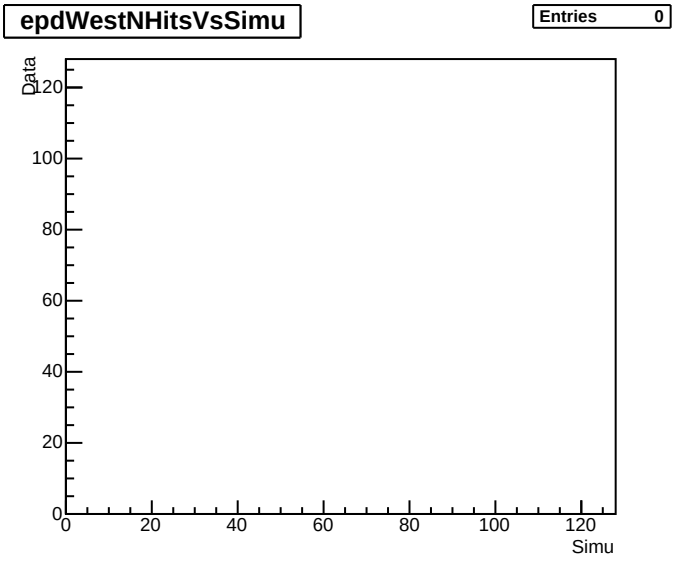
Entries 438403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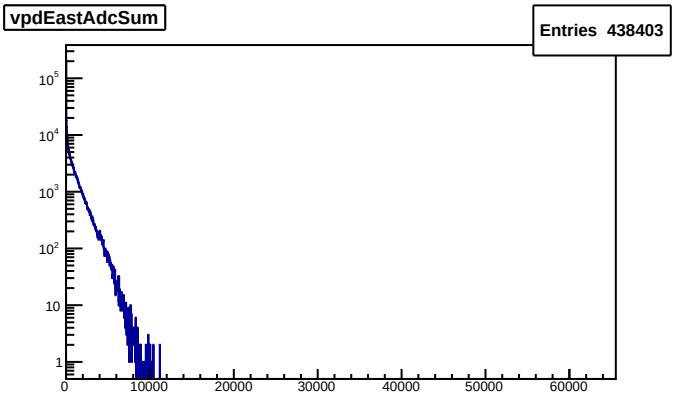
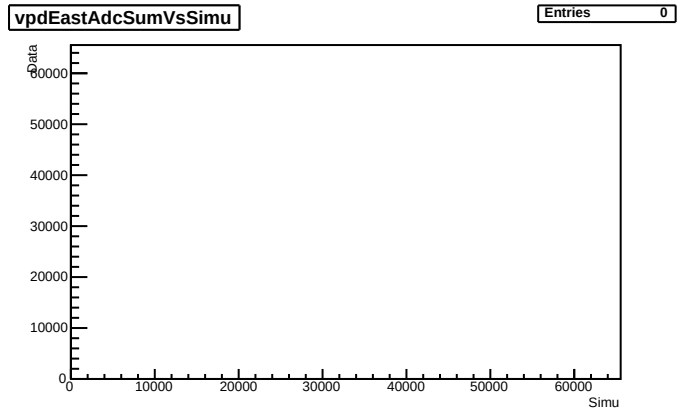
Entries 0
Data
Simu


vpdEastAdcSum
Entries 438403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Data
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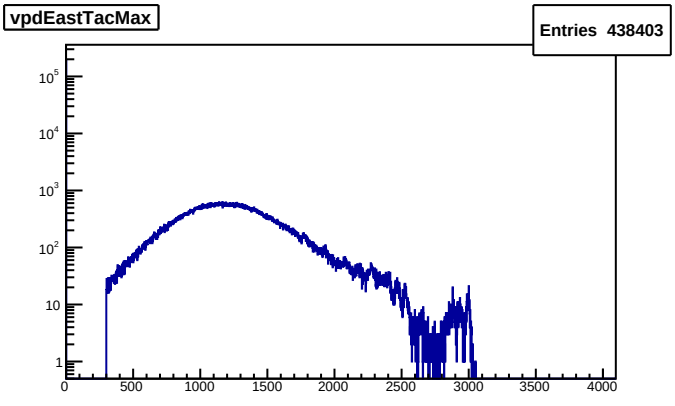
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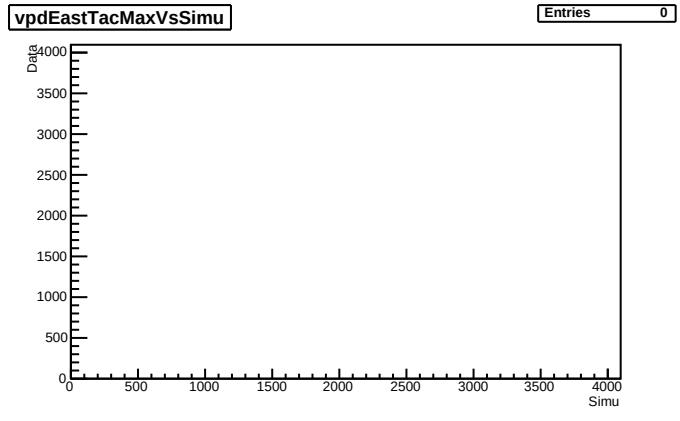
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Entries 0
Data
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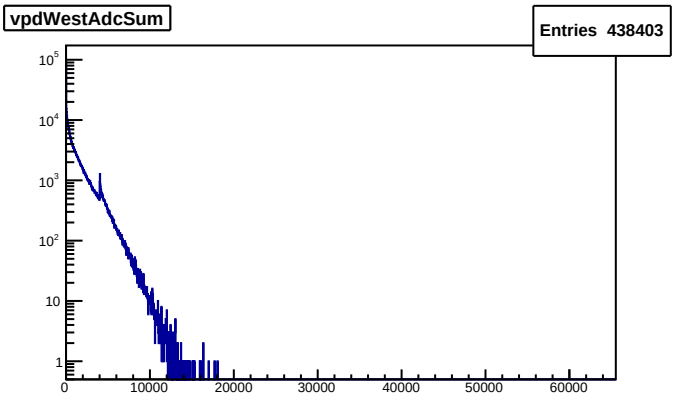
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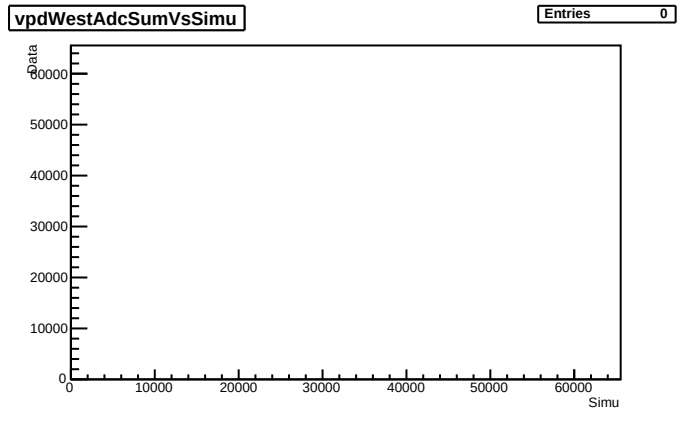
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Entries 0
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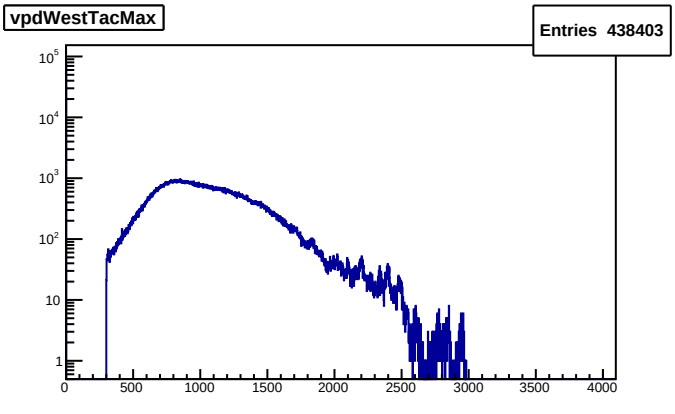
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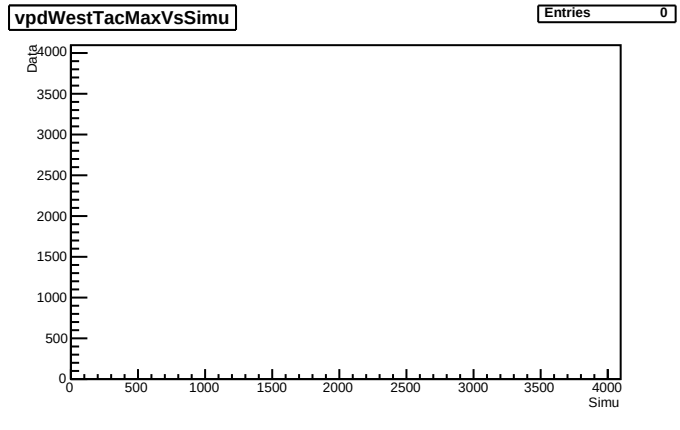
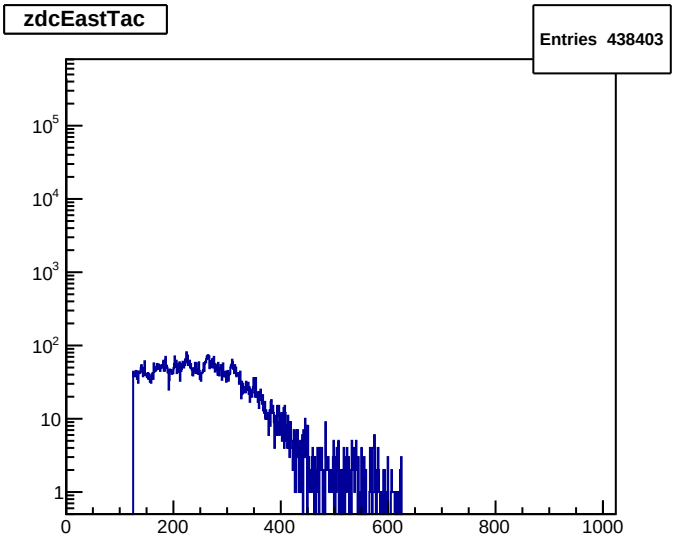
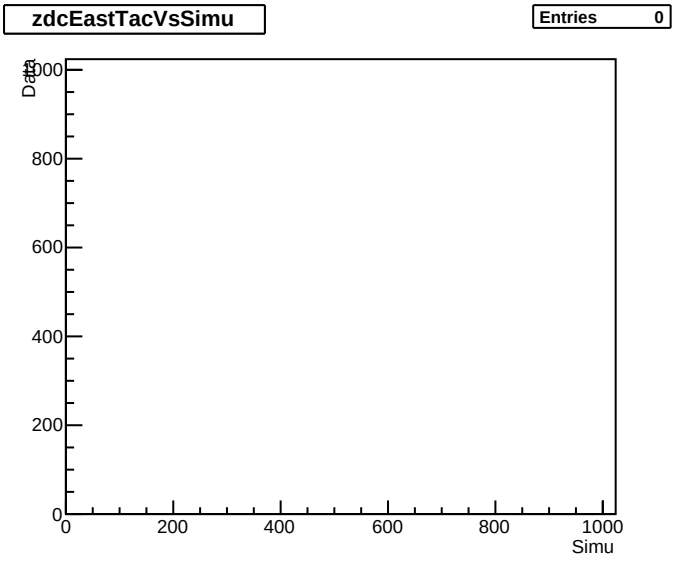
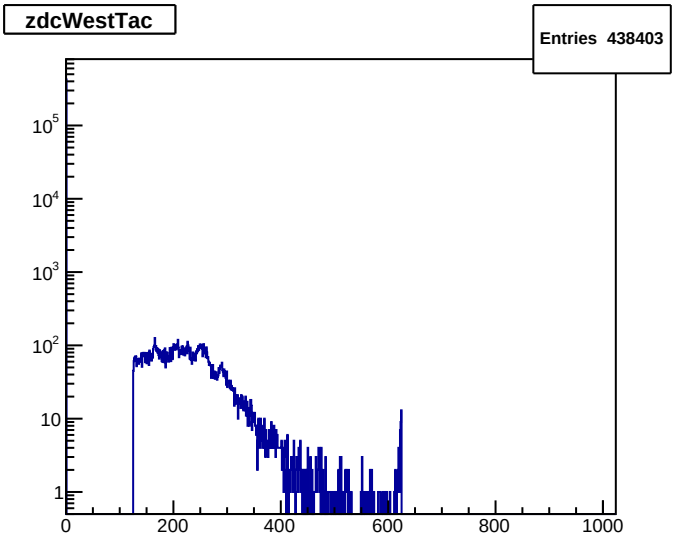
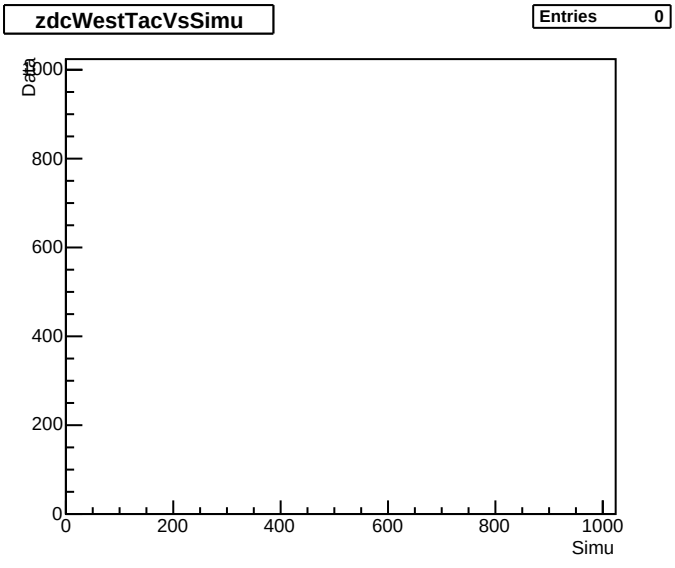
Entries 438403

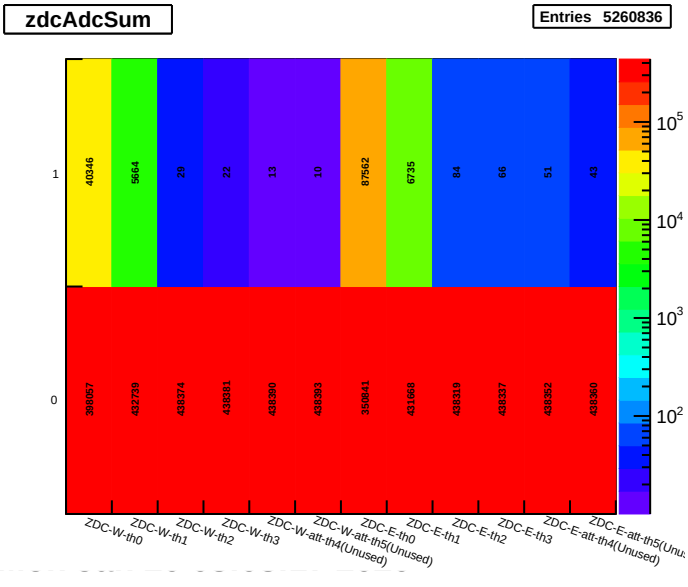

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 438403
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 438403
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 5260836
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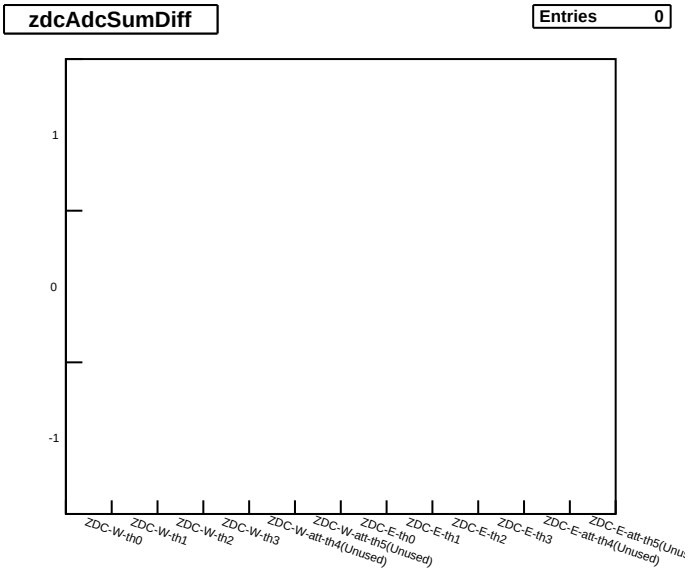
0
40346
5664
29
22
13
10
87562
6735
84
66
51
43
398057
432739
438374
438381
438390
438393
350841
431666
438319
438337
438352
438360
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu


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
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ZDC-E-th2
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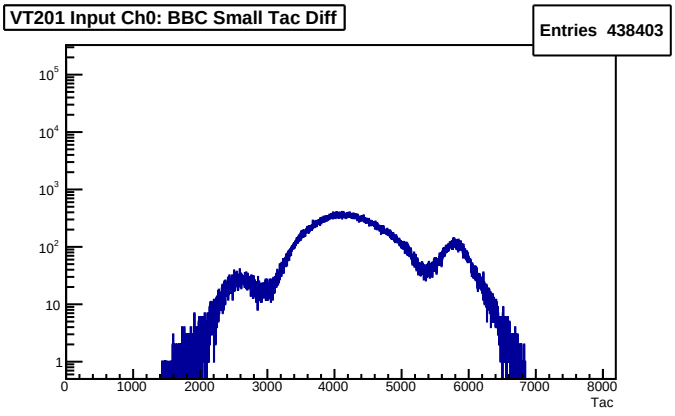
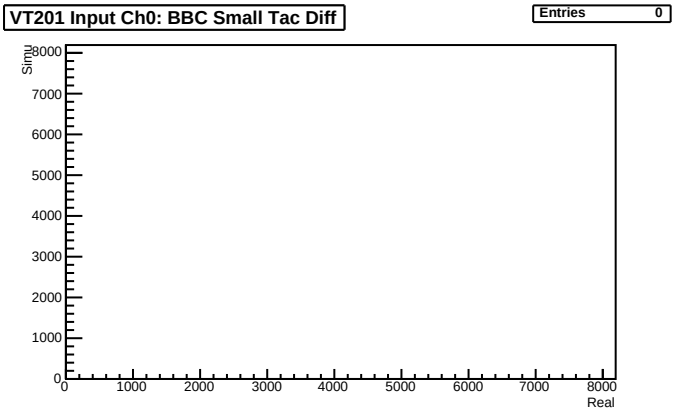
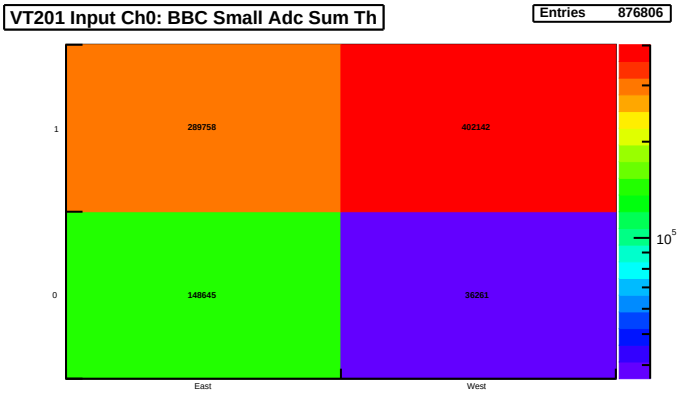
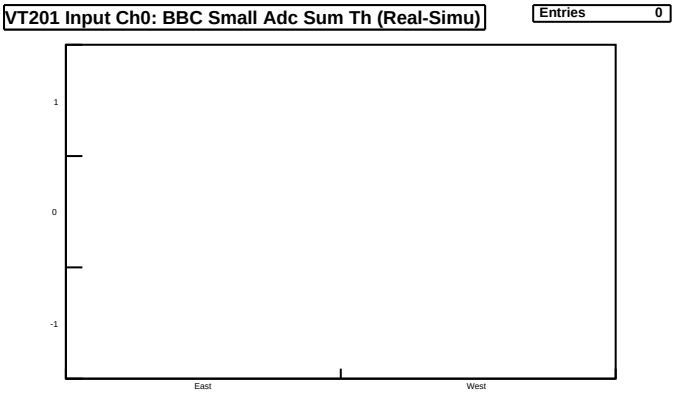
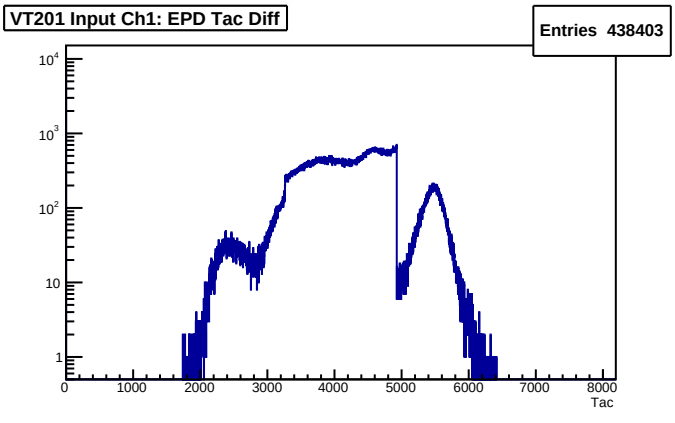
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

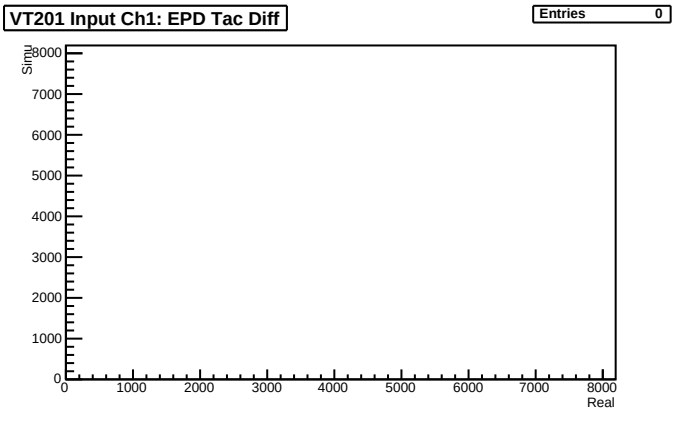

VT201 Input Ch0: BBC Small Tac Diff
Entries 438403
Tac

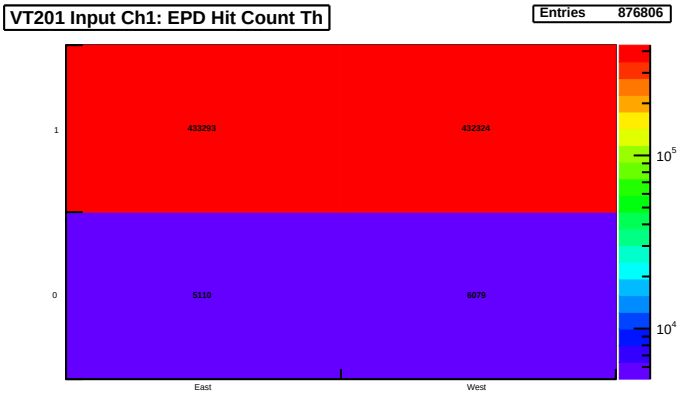

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

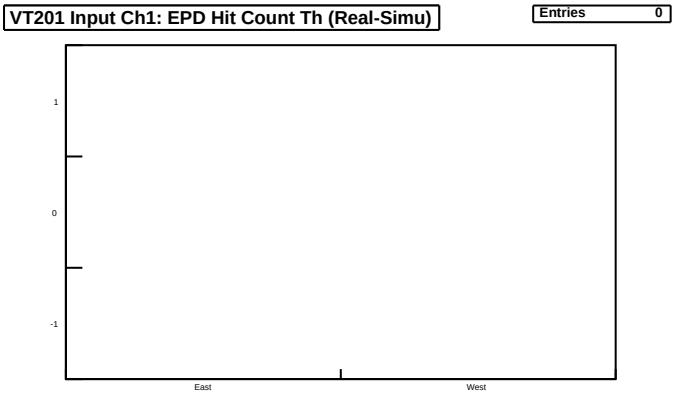

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 876806
289758
402142
148645
36261
East
West

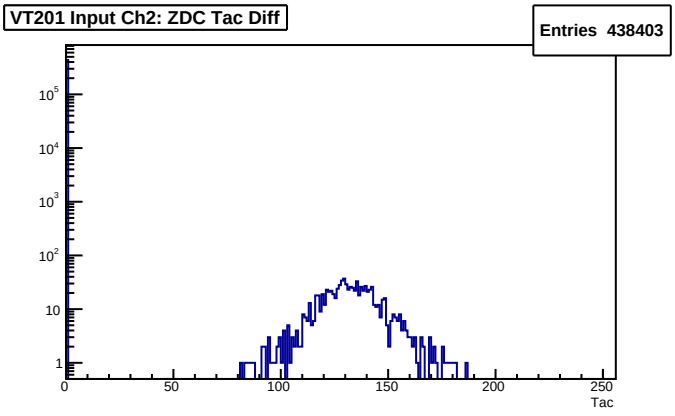

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

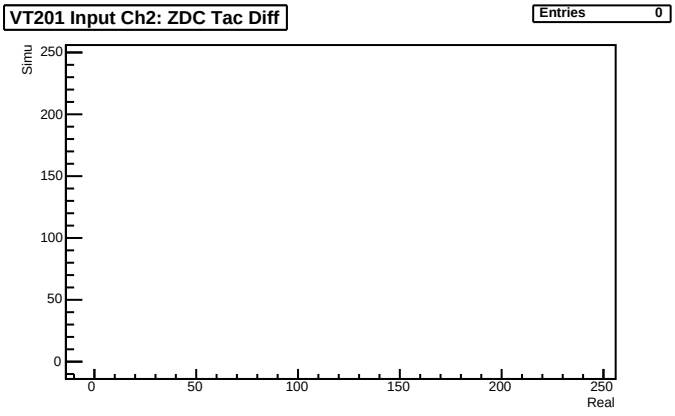

VT201 Input Ch1: EPD Tac Diff
Entries 438403
Tac

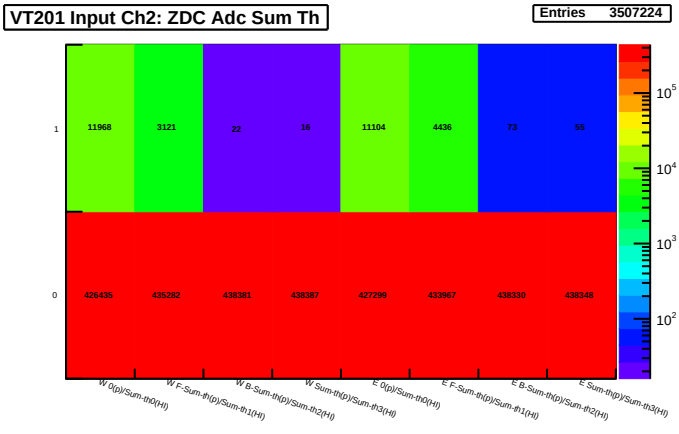

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

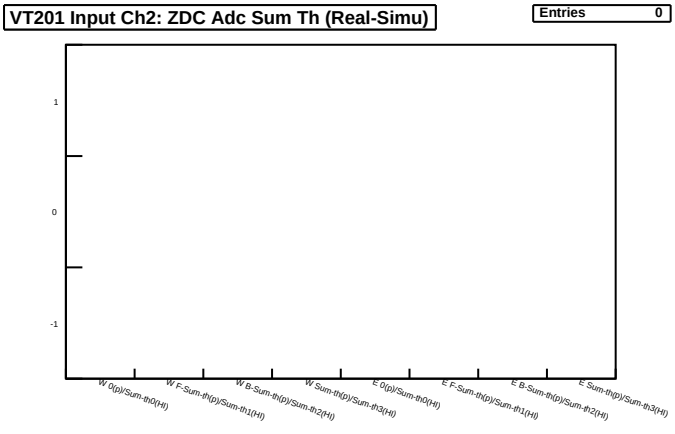

VT201 Input Ch1: EPD Hit Count Th
Entries 876806
433293
432324
5110
6079
East
West

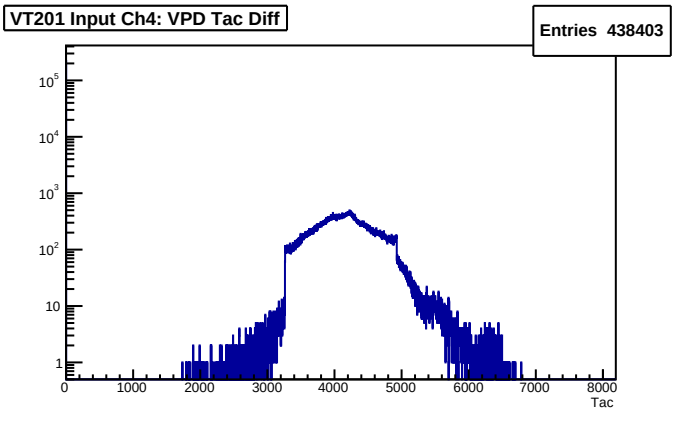

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

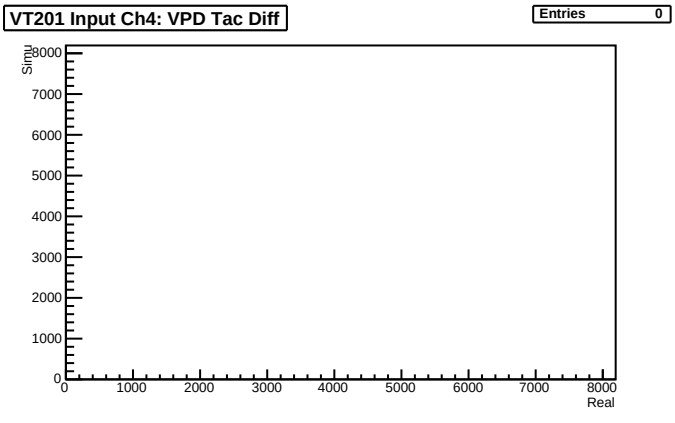

VT201 Input Ch2: ZDC Tac Diff
Entries 438403
Tac

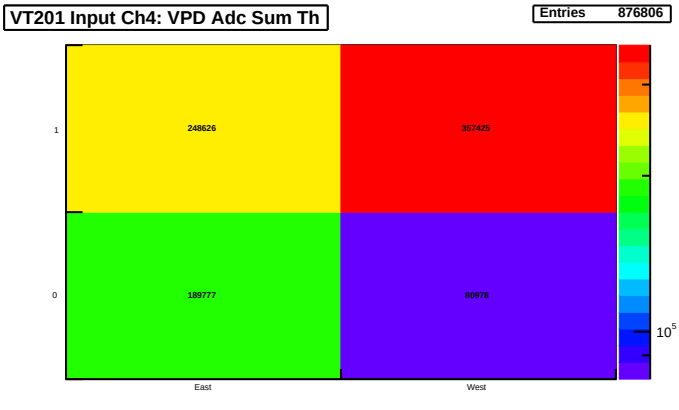

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

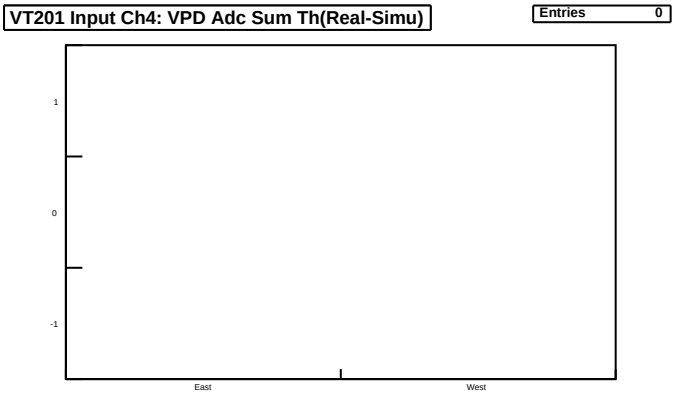

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3507224
11968
3121
22
16
11104
4436
73
55
426435
435282
438381
438387
427299
433967
438330
438348
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

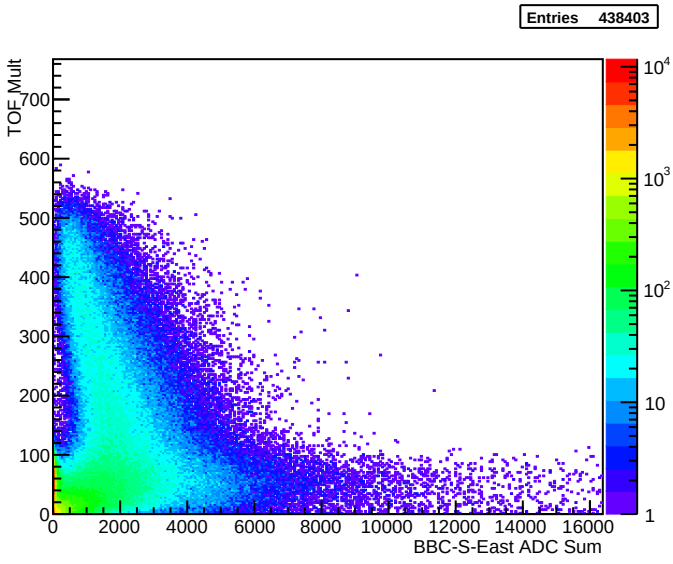

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

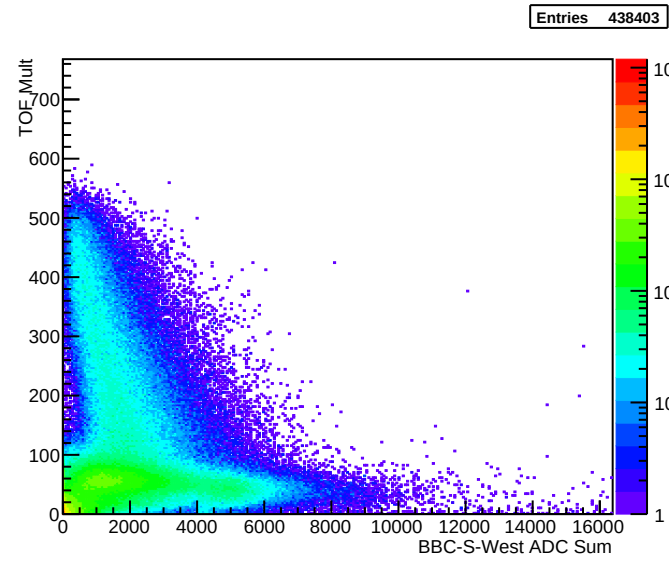

VT201 Input Ch4: VPD Tac Diff
Entries 438403
Tac

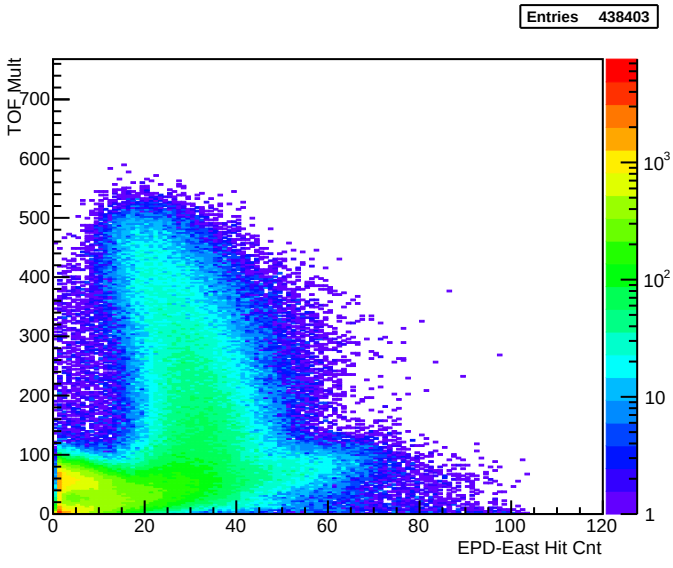

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

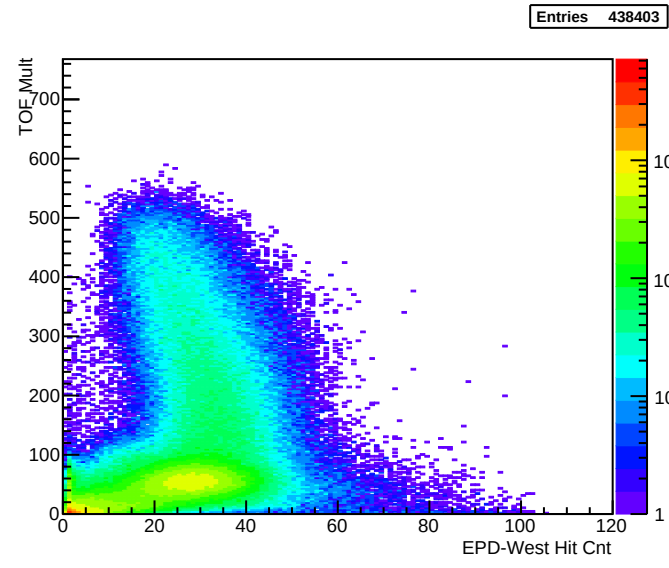

VT201 Input Ch4: VPD Adc Sum Th
Entries 876806
248626
357425
189777
80978
East
West

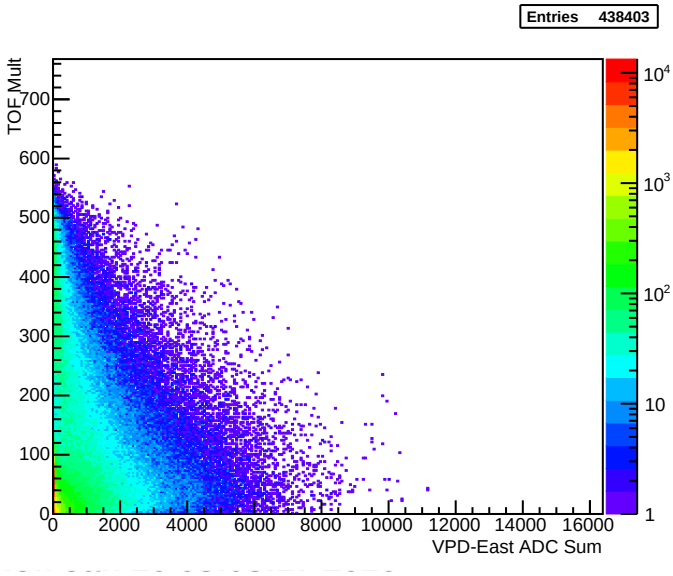

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

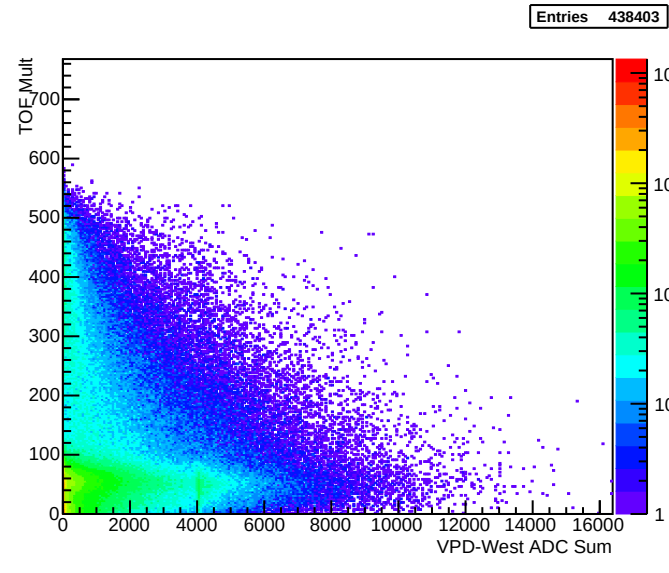

Entries 438403
TOF_Mult
BBC-S-East ADC Sum

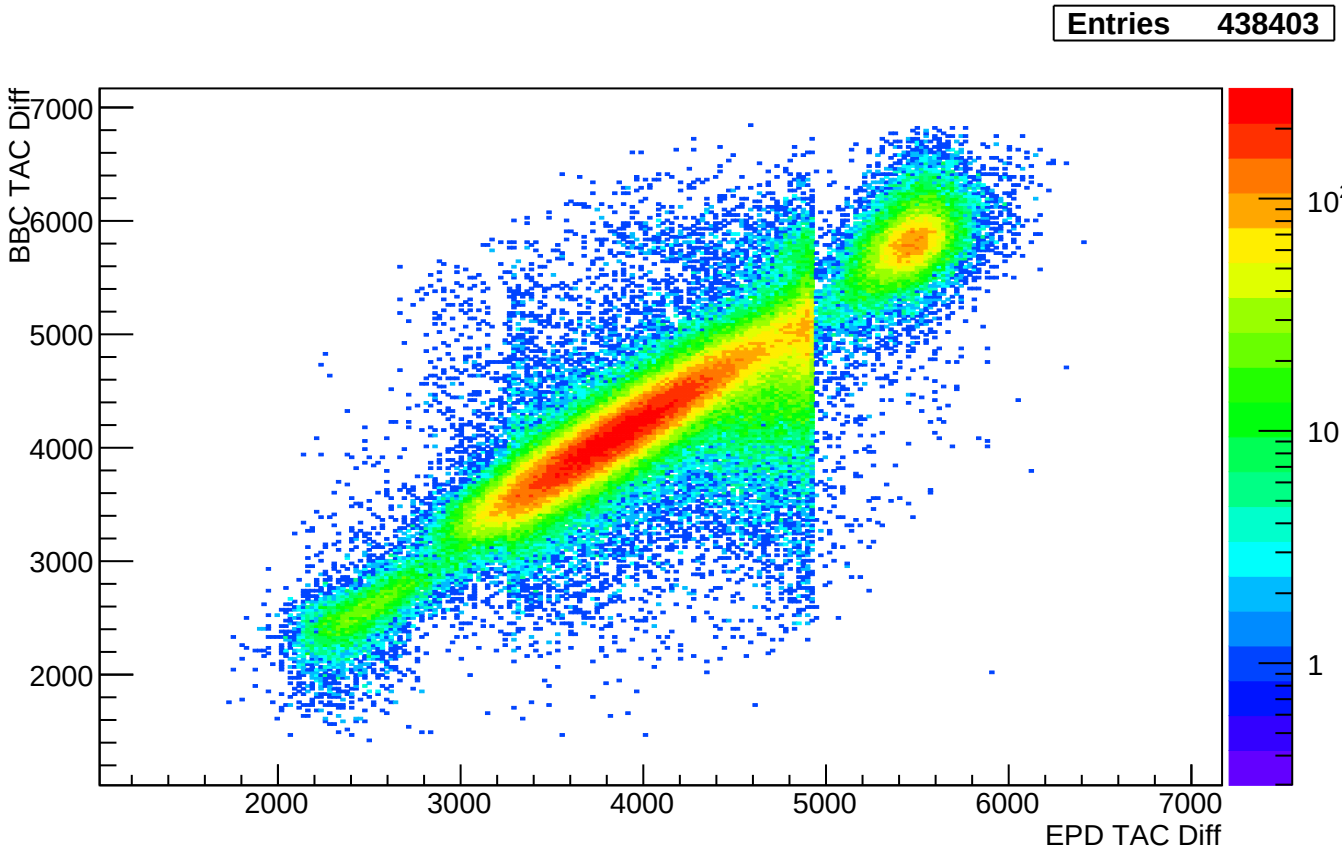

Entries 438403
TOF_Mult
BBC-S-West ADC Sum

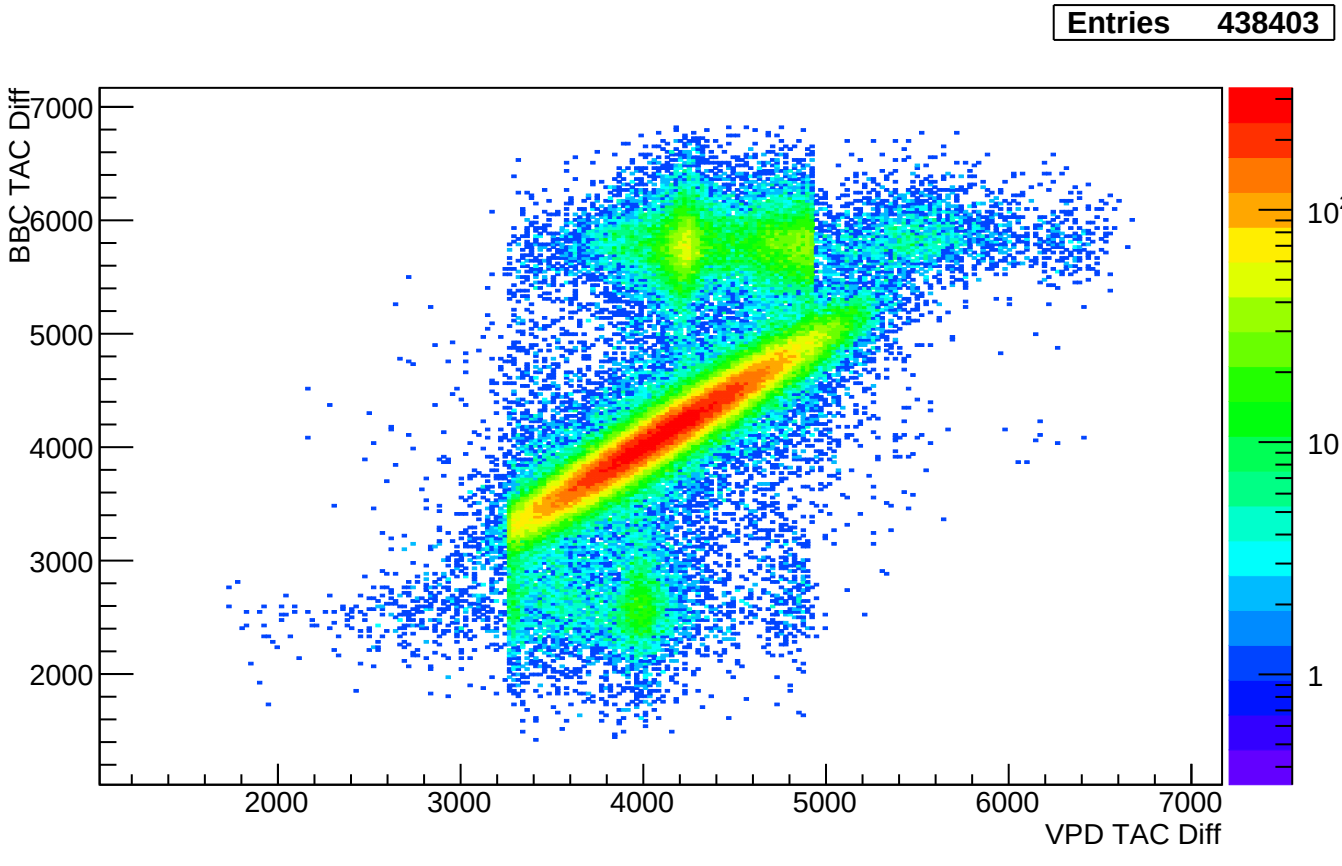

Entries 438403
TOF_Mult
EPD-East Hit Cnt

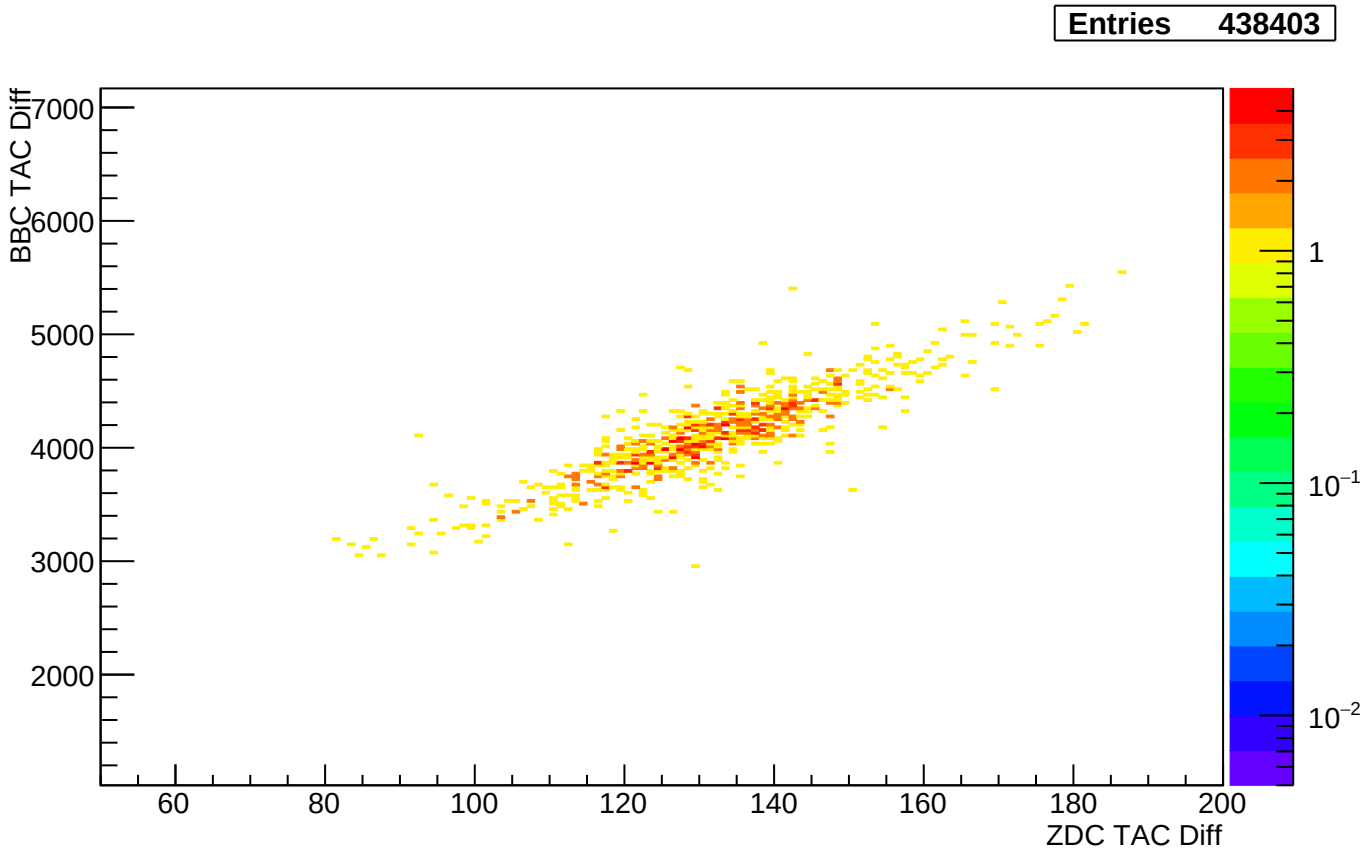

Entries 438403
TOF_Mult
EPD-West Hit Cnt

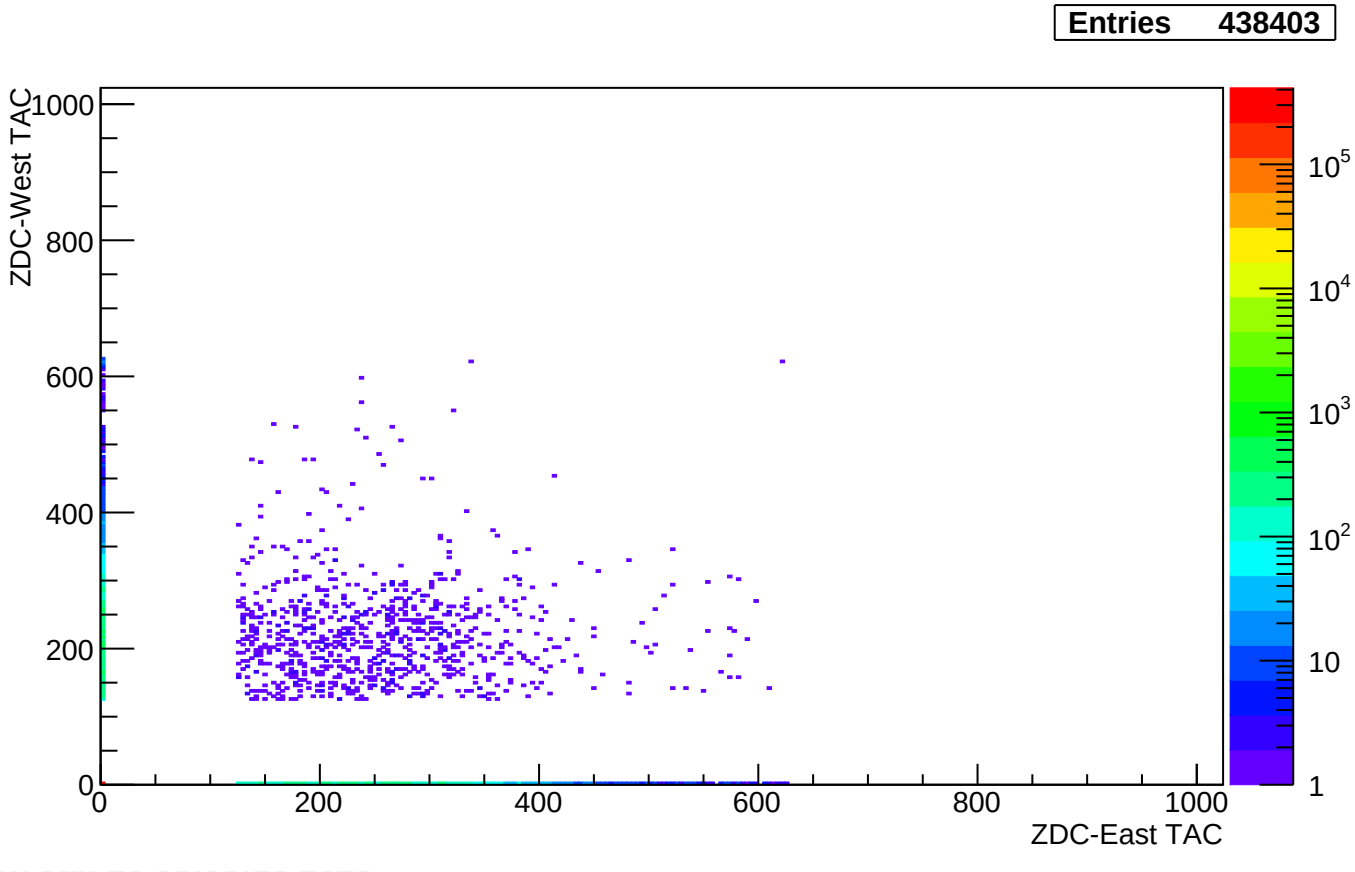

Entries 438403
TOF_Mult
VPD-East ADC Sum

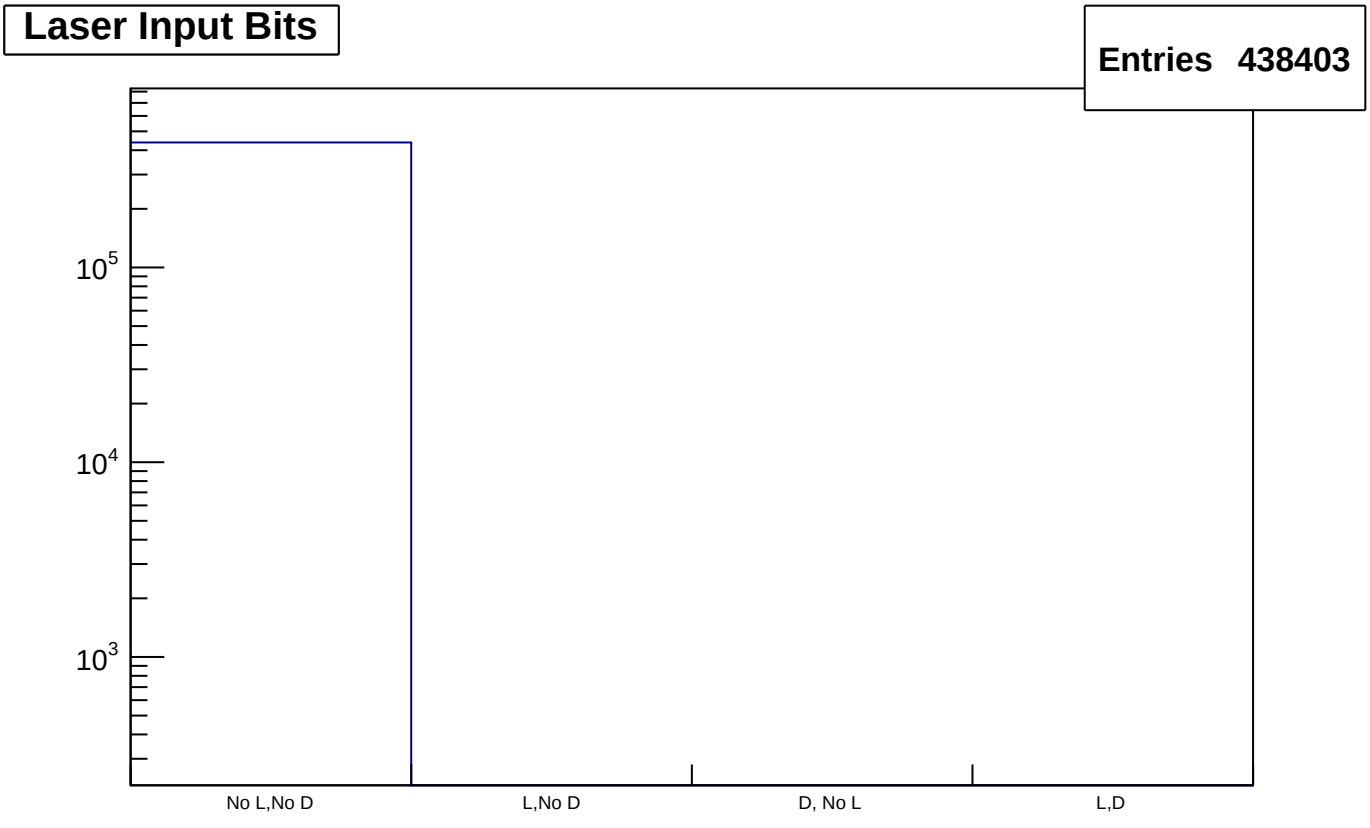

Entries 438403
TOF_Mult
VPD-West ADC Sum

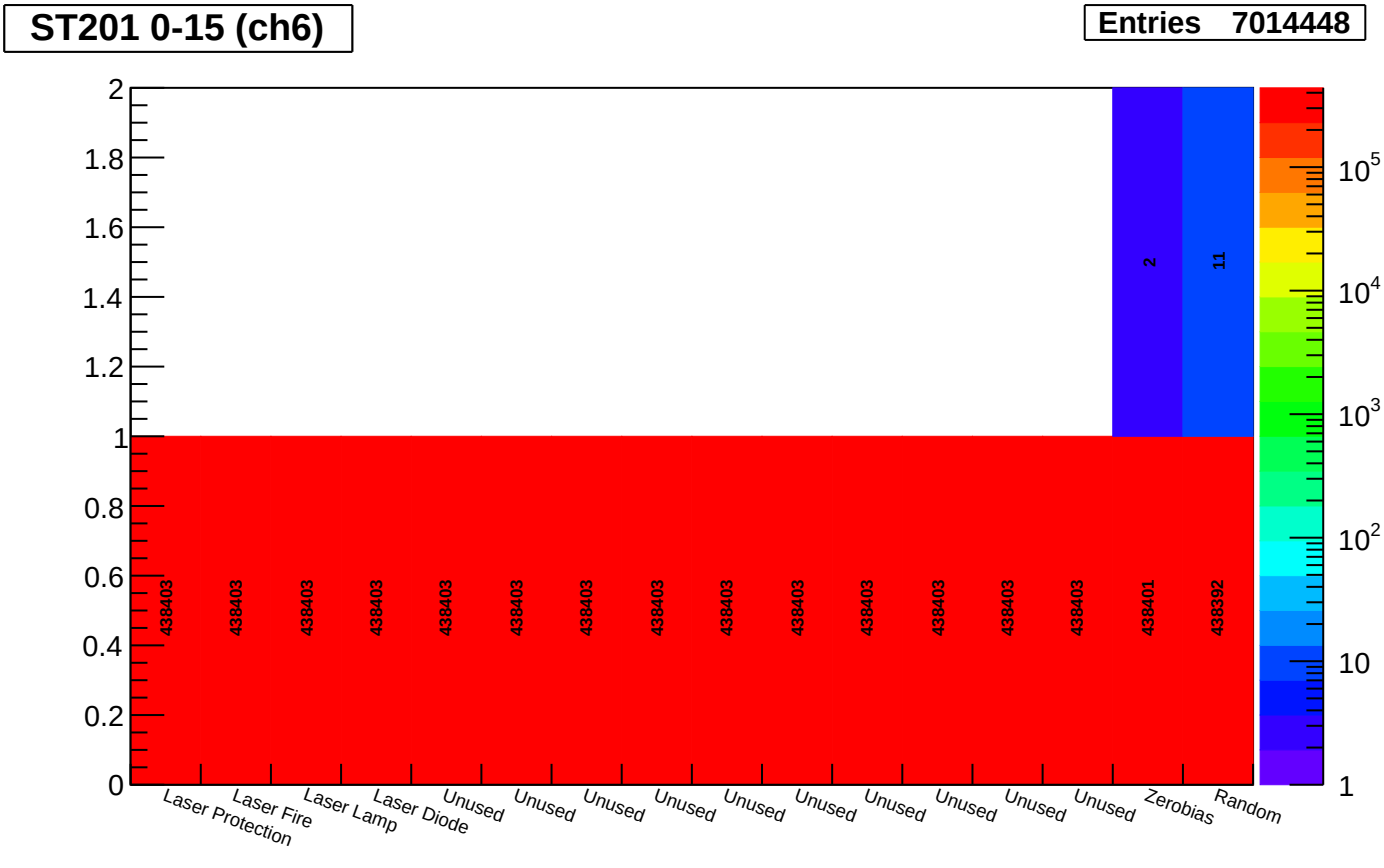

Entries 438403
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

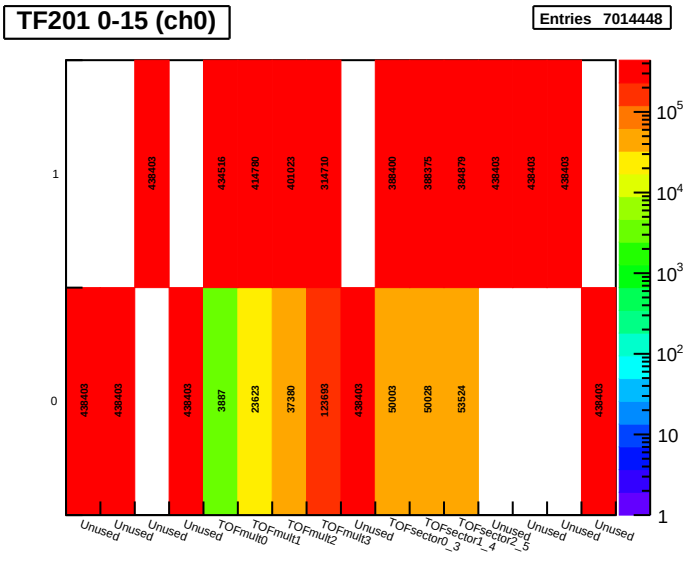

Entries 438403
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

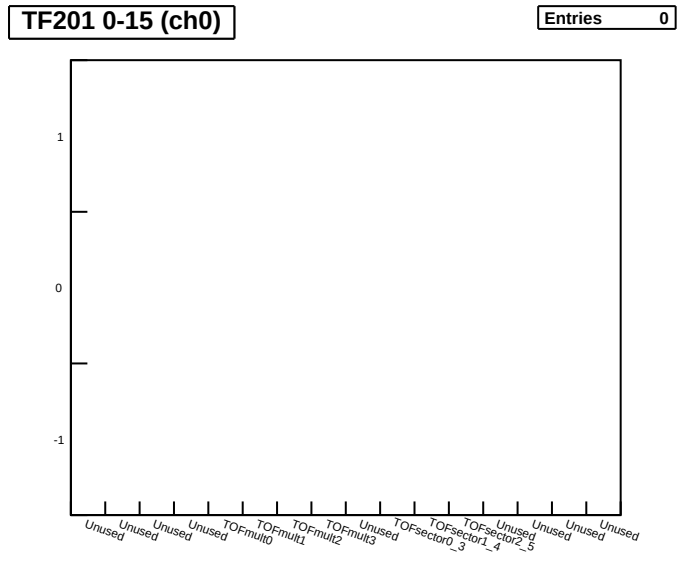

Entries 438403
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

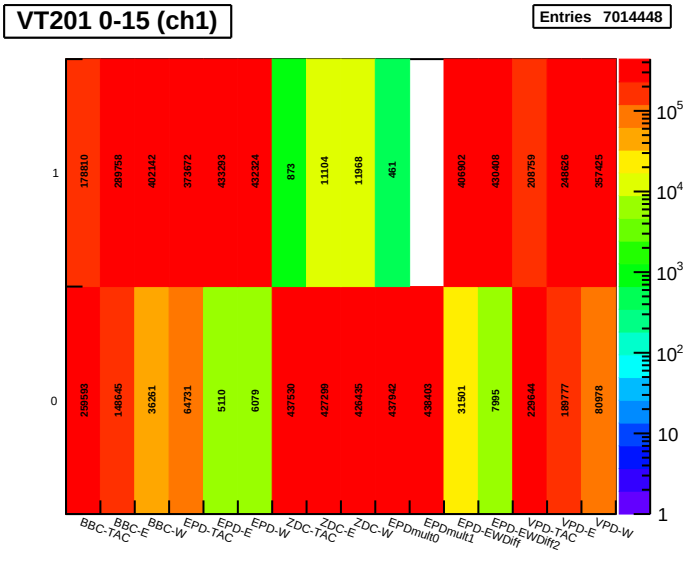

Entries 438403
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

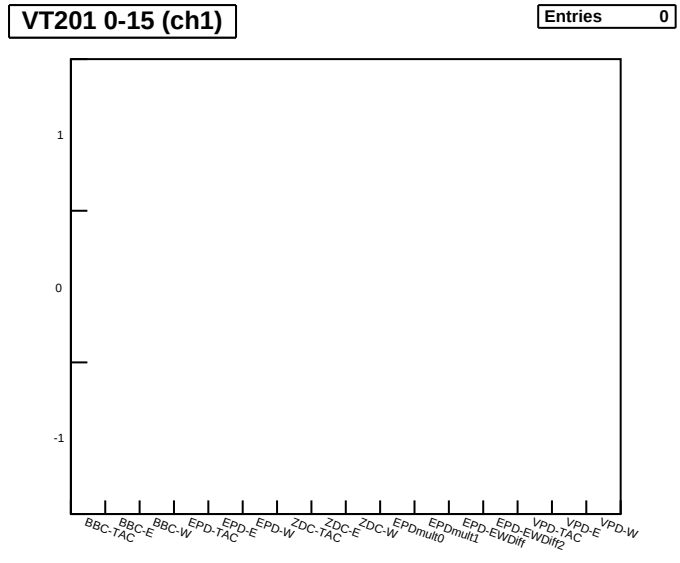

Laser Input Bits
Entries 438403
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

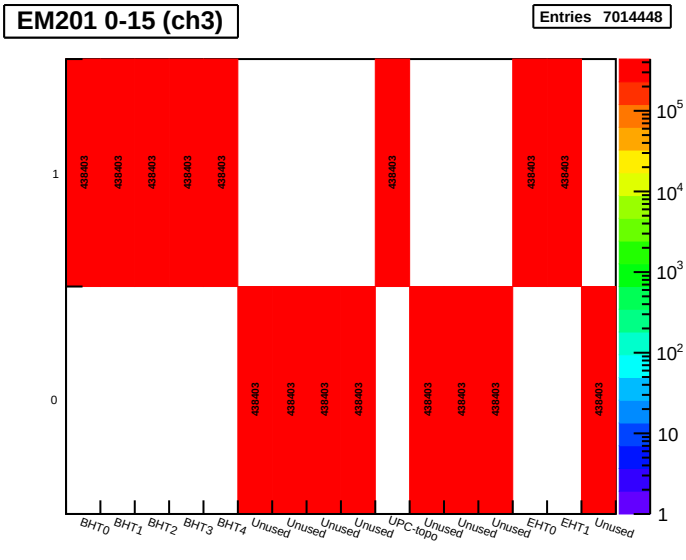

ST201 0-15 (ch6)
Entries 7014448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438401
438392
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

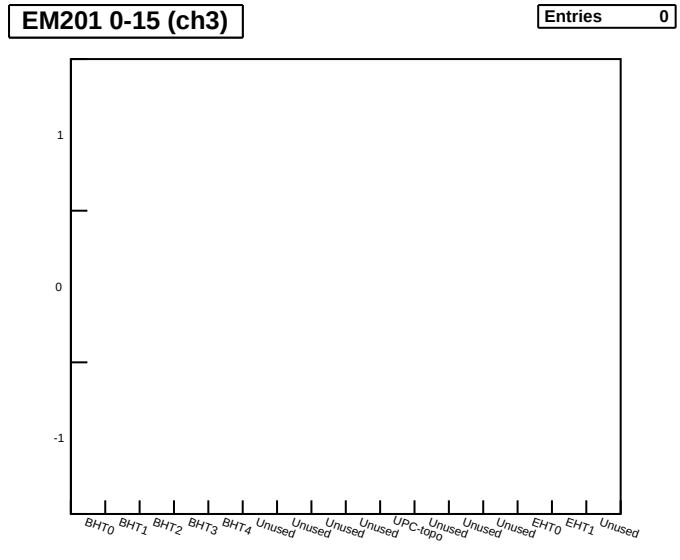

TF201 0-15 (ch0)
Entries 7014448
1
0
438403
434516
414780
401023
314710
388400
388375
384879
438403
438403
438403
438403
438403
3887
23623
37380
123693
438403
50003
50028
53524
438403
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7014448
1
0
178810
289758
402142
373672
433293
432324
873
11104
11968
461
406902
430408
208759
248626
357425
259593
148645
36261
64731
5110
6079
437530
427299
426435
437942
438403
31501
7995
229644
189777
80978
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 7014448
1
0
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
438403
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