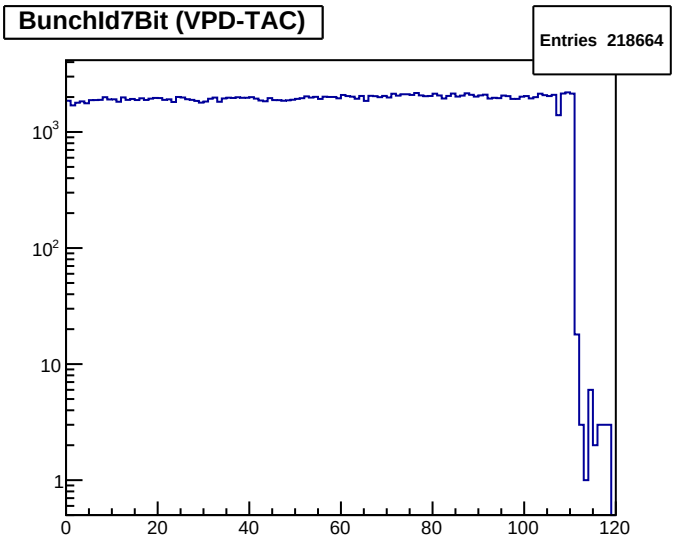
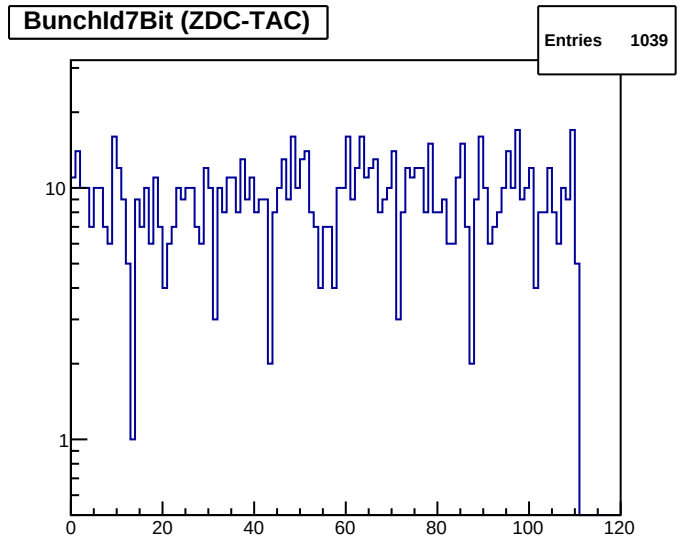
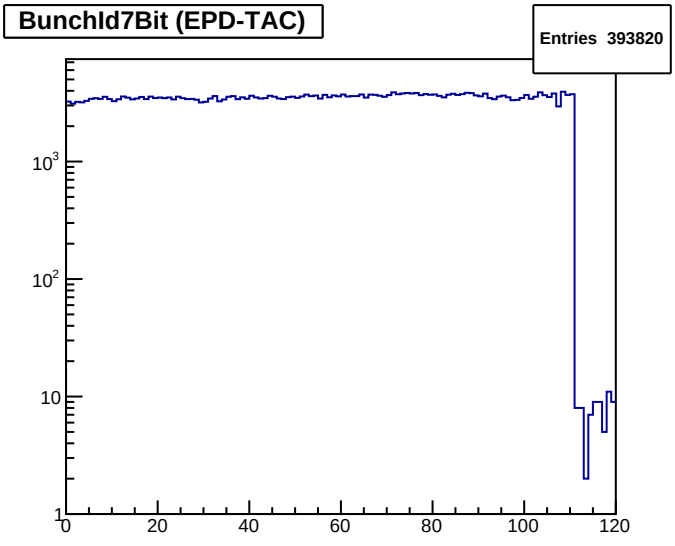
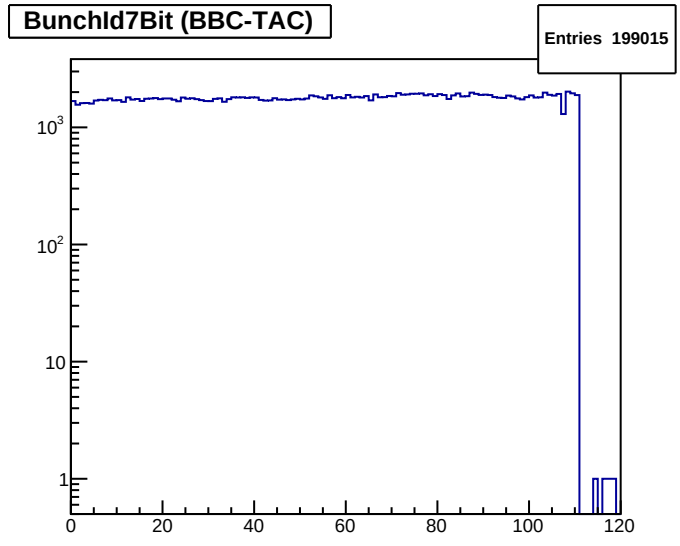
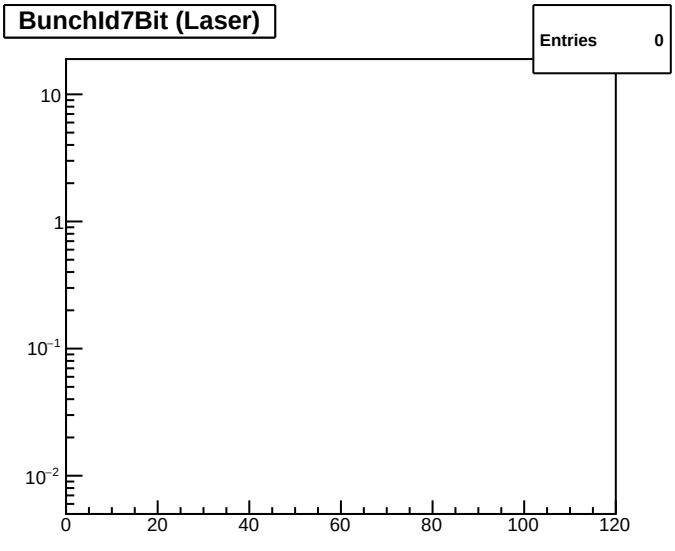
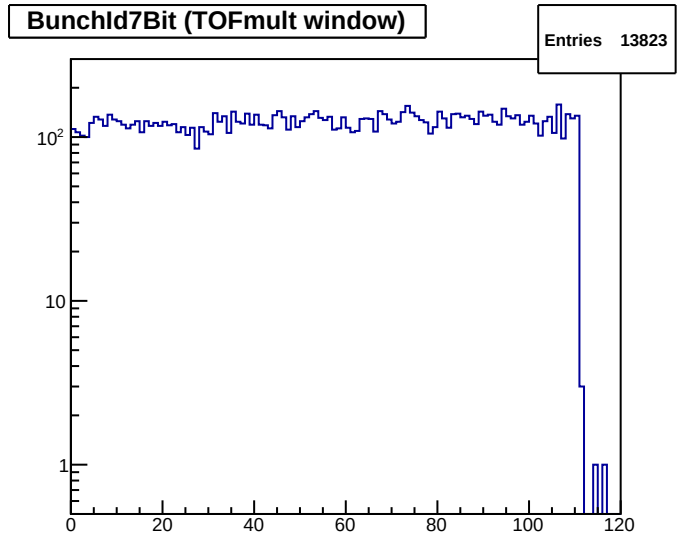

BunchId7Bit (VPD-TAC)
Entries 218664

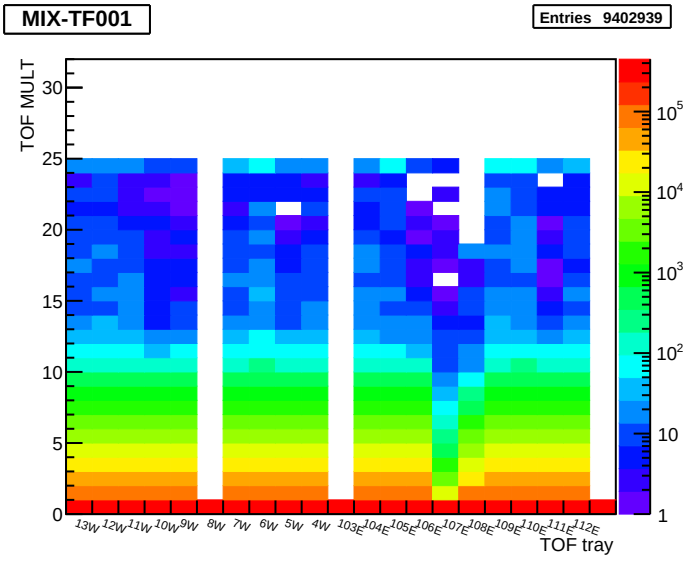

BunchId7Bit (ZDC-TAC)
Entries 1039

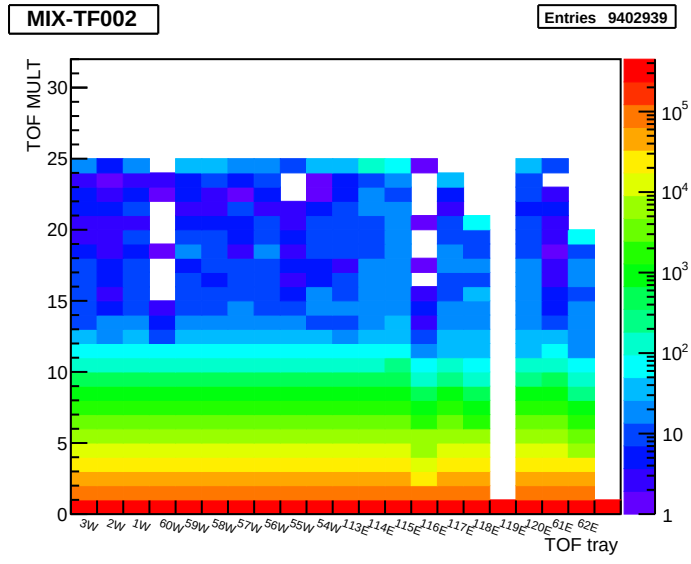

BunchId7Bit (EPD-TAC)
Entries 393820

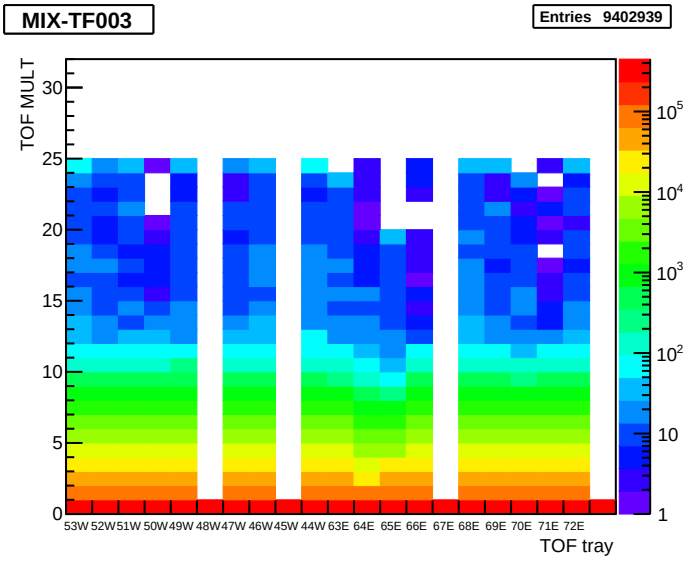

BunchId7Bit (BBC-TAC)
Entries 199015

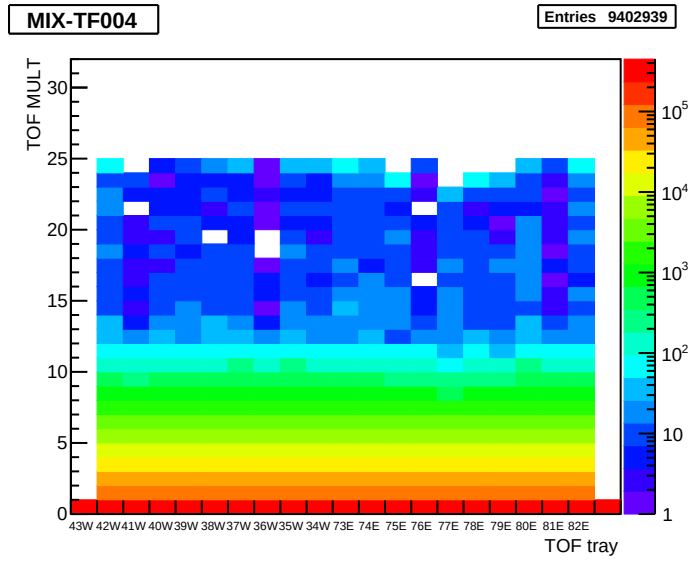

BunchId7Bit (Laser)
Entries 0

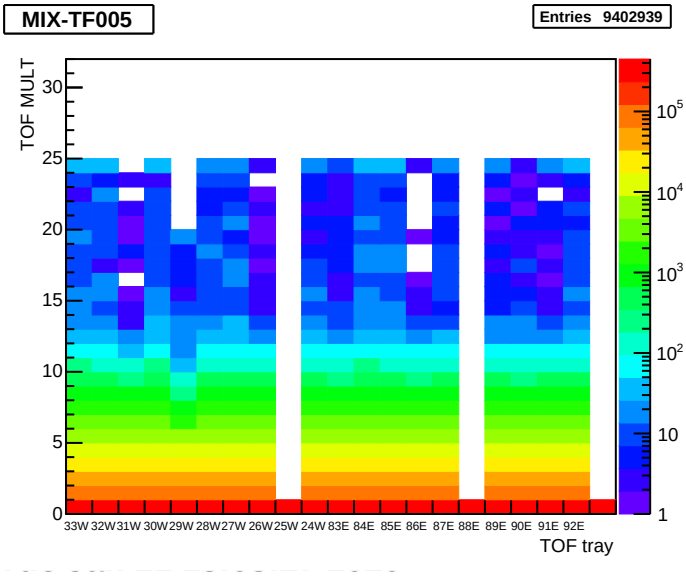

BunchId7Bit (TOFmult window)
Entries 13823

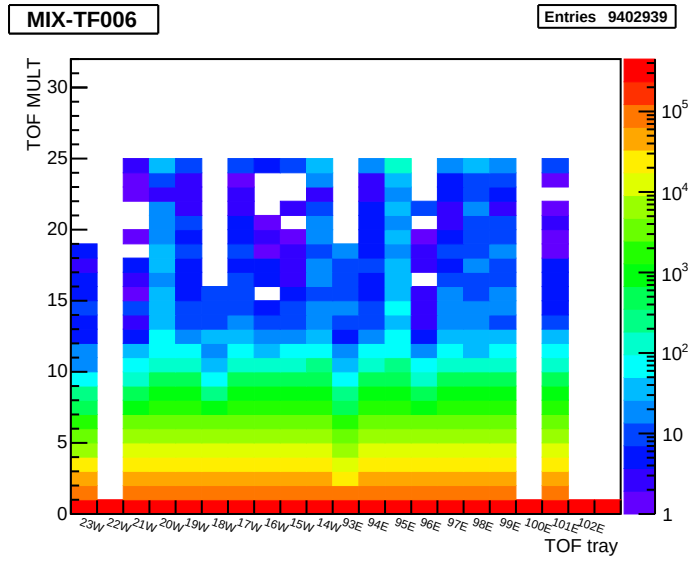

MIX-TF001
Entries 9402939
TOF MULT
TOF tray

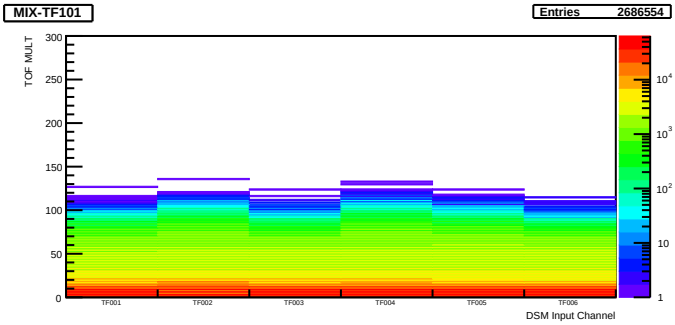

MIX-TF002
Entries 9402939
TOF MULT
TOF tray

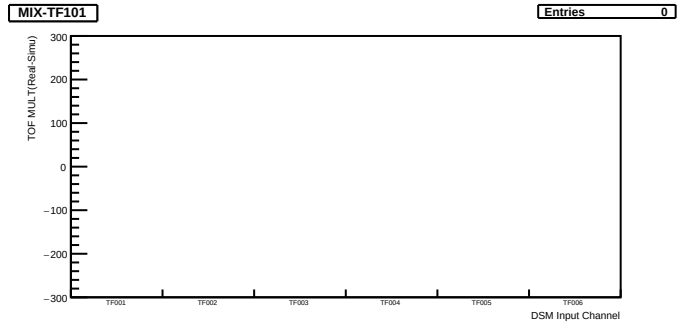

MIX-TF003
Entries 9402939
TOF MULT
TOF tray

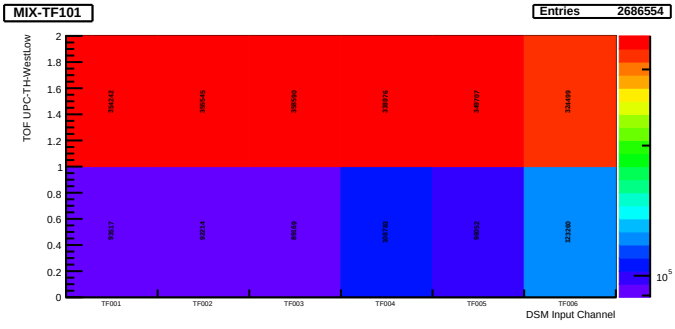

MIX-TF004
Entries 9402939
TOF MULT
TOF tray

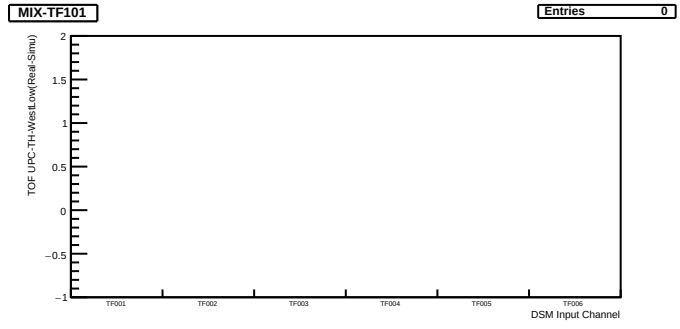

MIX-TF005
Entries 9402939
TOF MULT
TOF tray

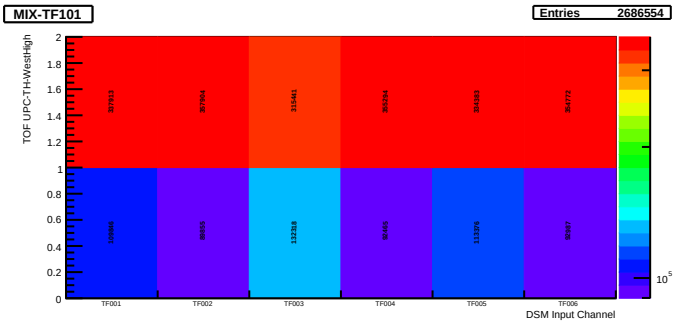

MIX-TF006
Entries 9402939
TOF MULT
TOF tray

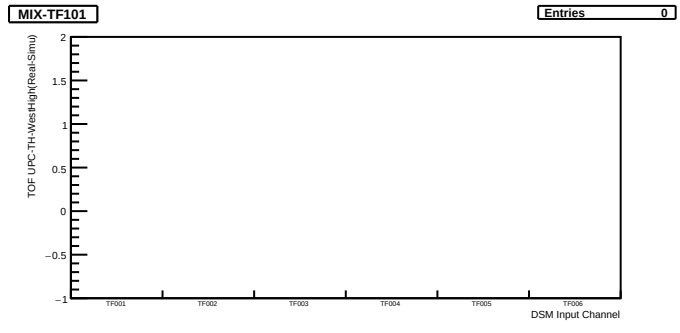

MIX-TF101
Entries 2686554
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

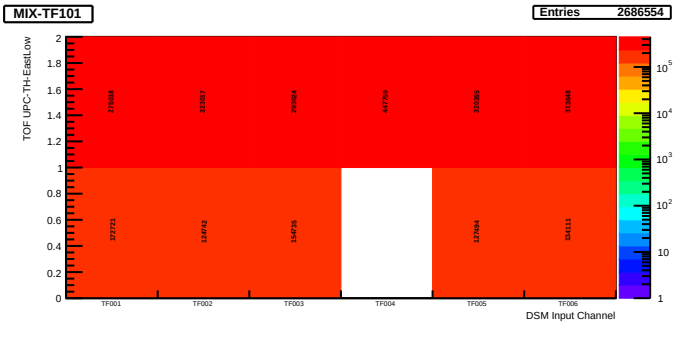

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

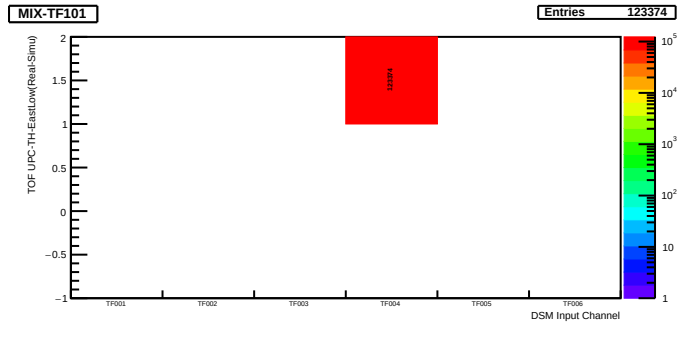

MIX-TF101
Entries 2686554
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

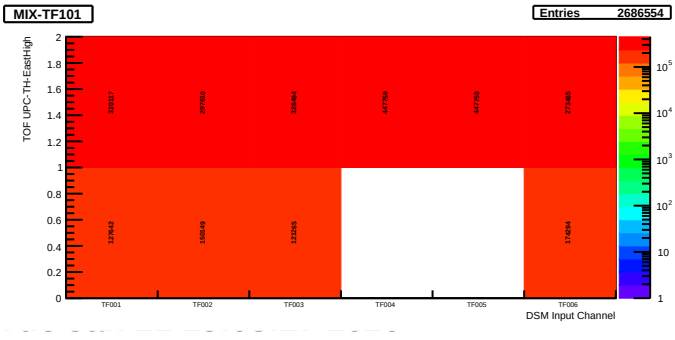

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

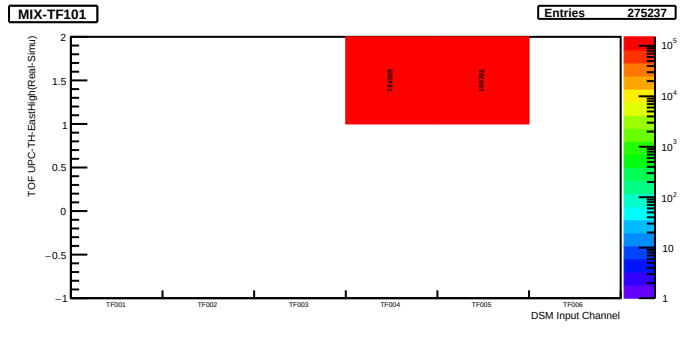

MIX-TF101
Entries 2686554
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

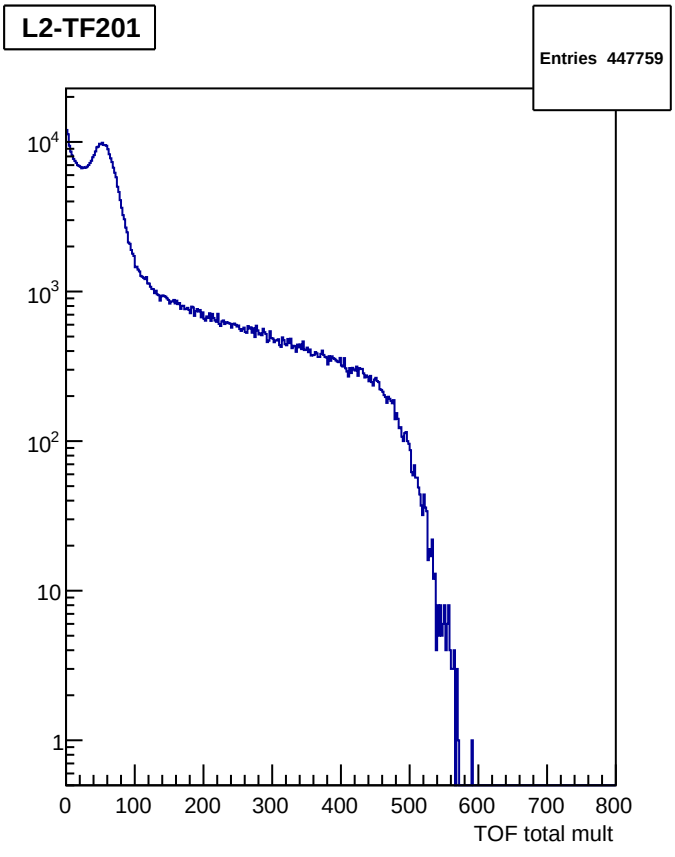

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

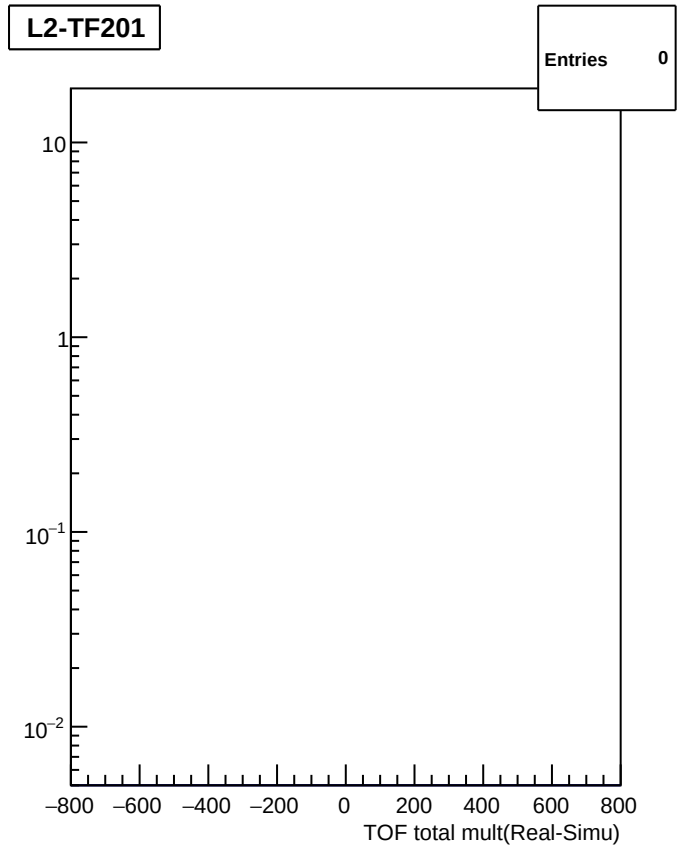

MIX-TF101
Entries 2686554
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

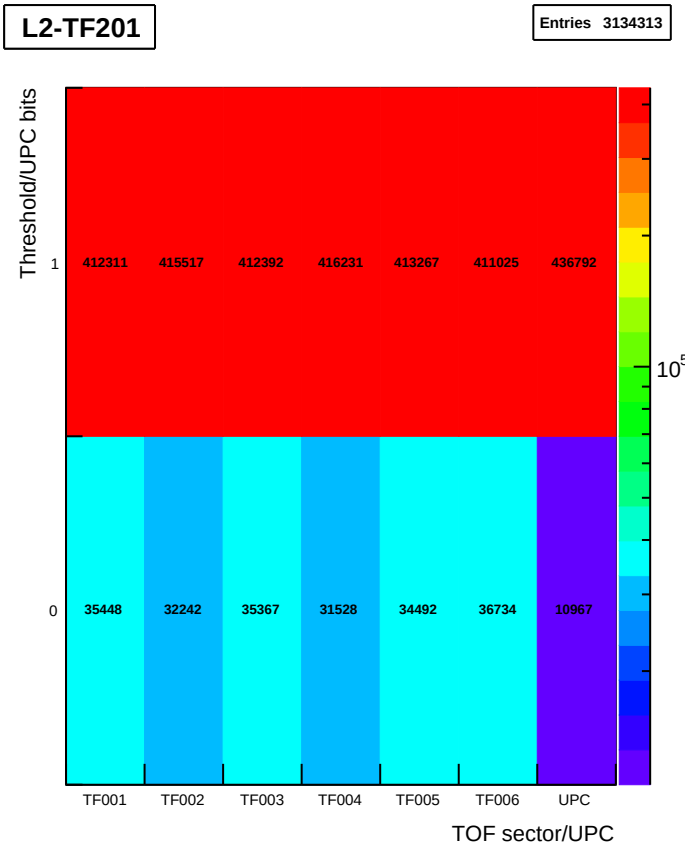

MIX-TF101
Entries 123374
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

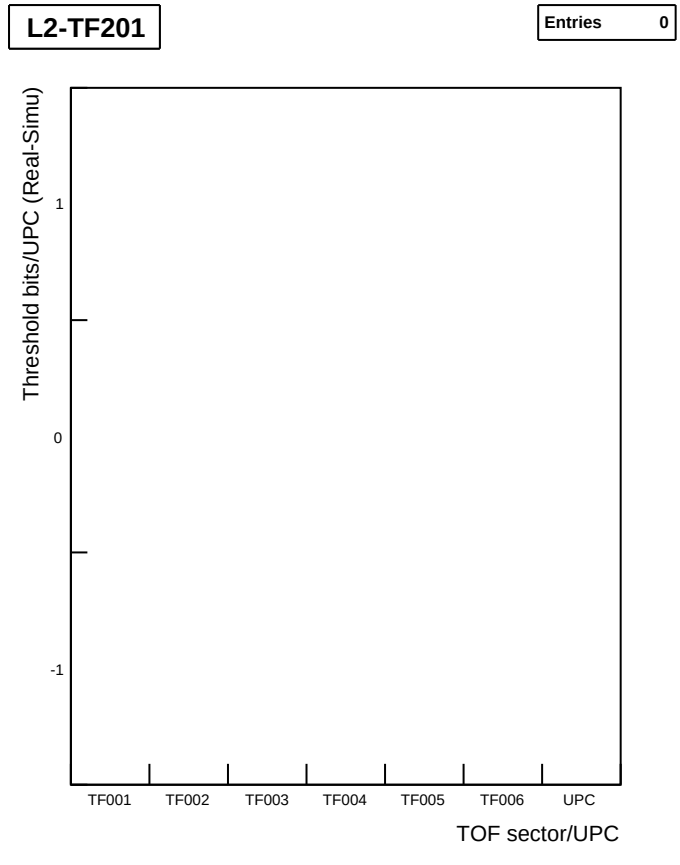

MIX-TF101
Entries 2686554
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

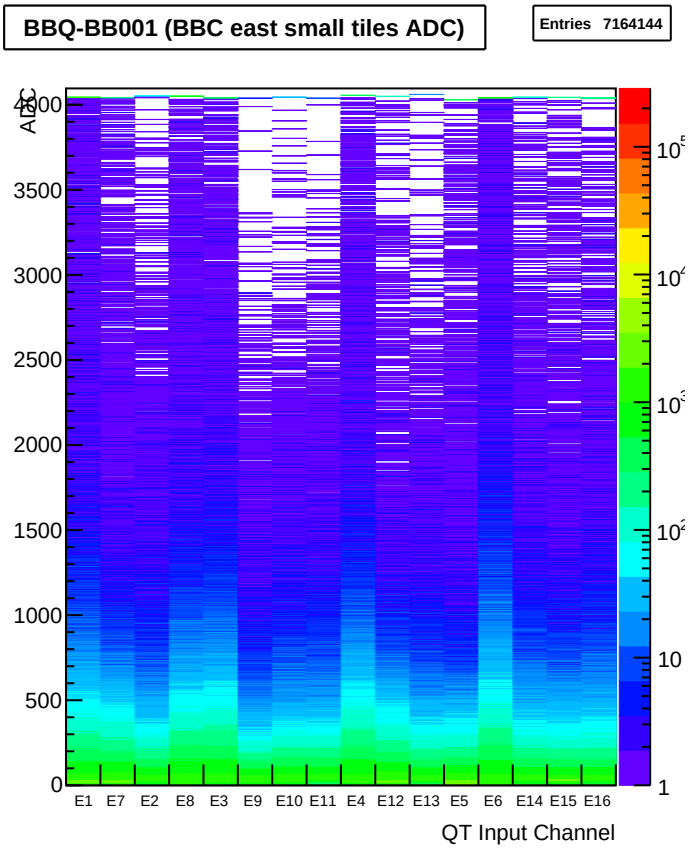

MIX-TF101
Entries 275237
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

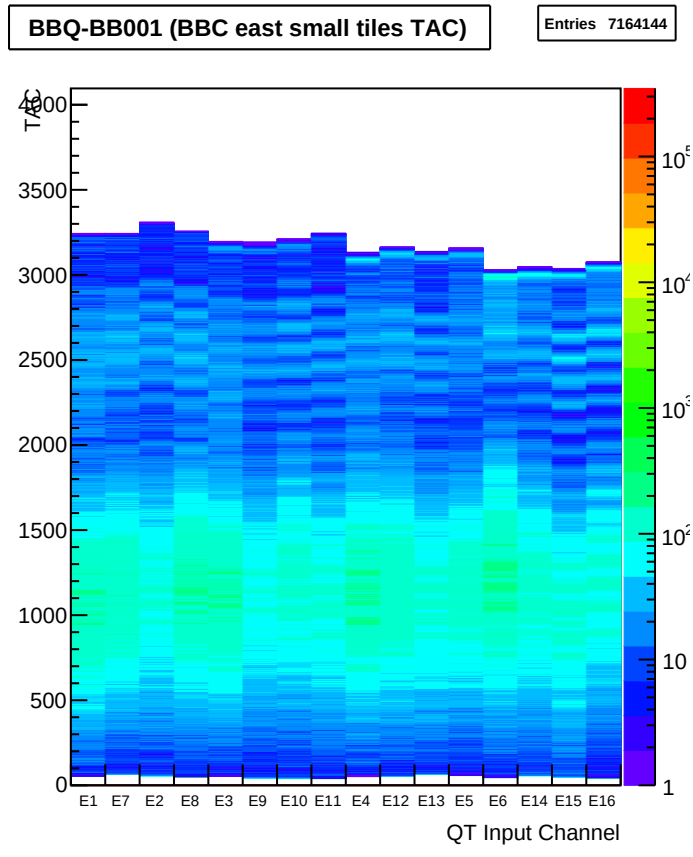

L2-TF201
Entries 447759
TOF total mult

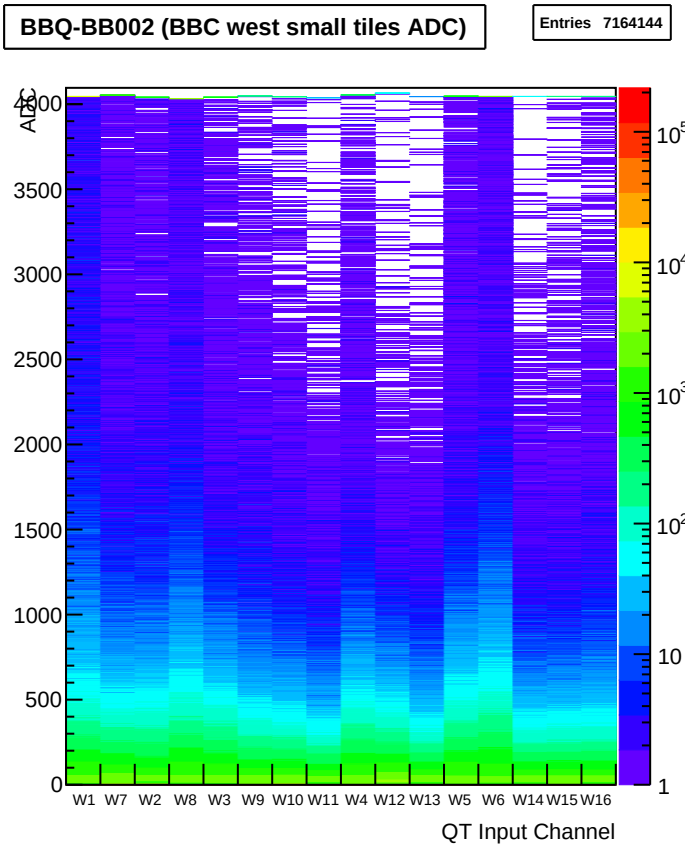

L2-TF201
Entries 0
TOF total mult(Real-Simu)

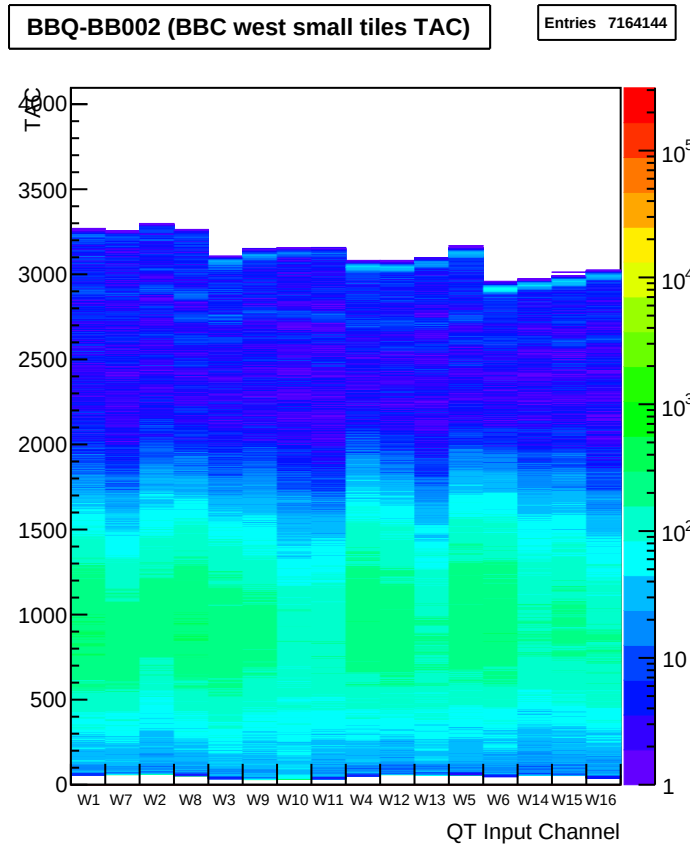

L2-TF201
Entries 3134313
Threshold/UPC bits
412311
415517
412392
416231
413267
411025
436792
35448
32242
35367
31528
34492
36734
10967
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

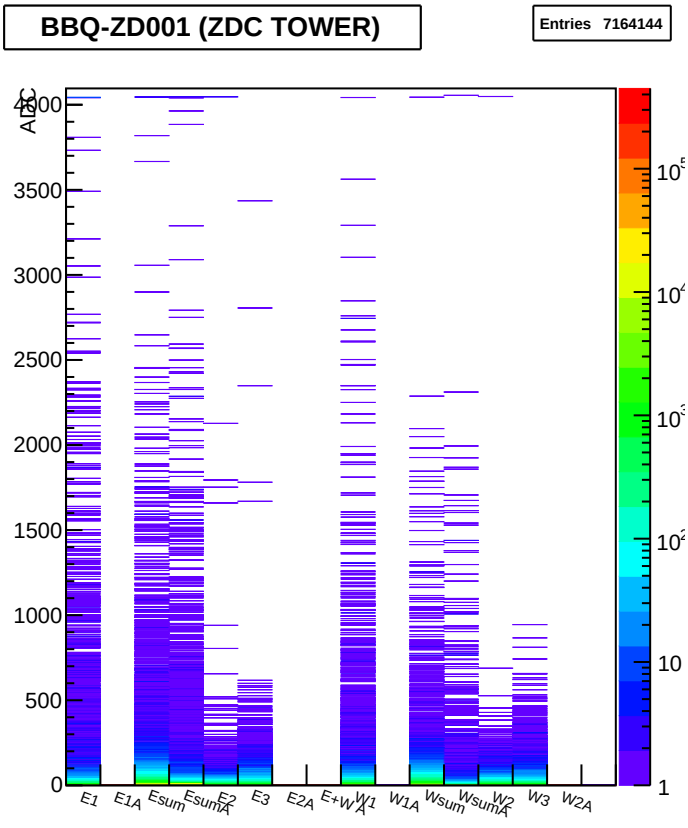

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

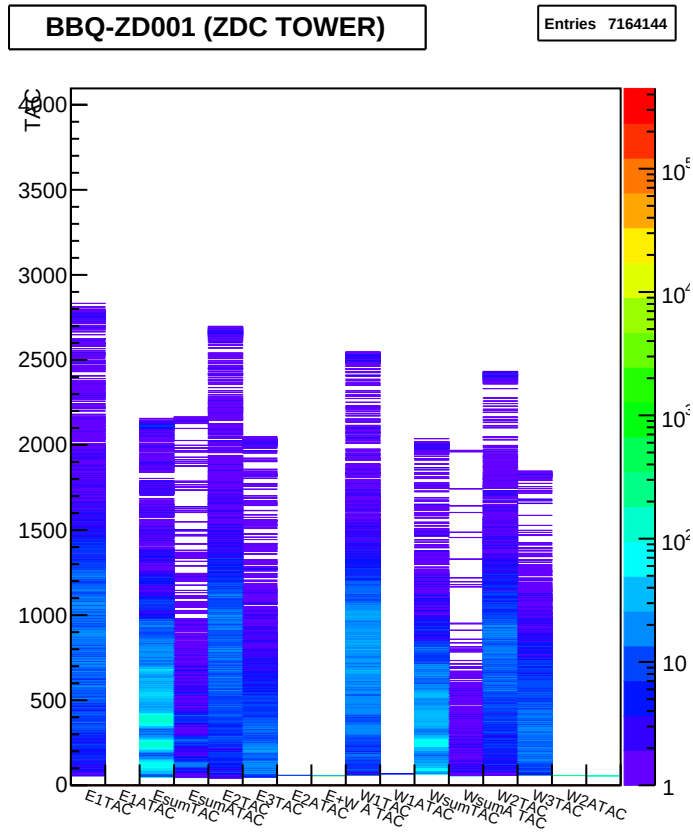

BBQ-BB001 (BBC east small tiles ADC)
Entries 7164144
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

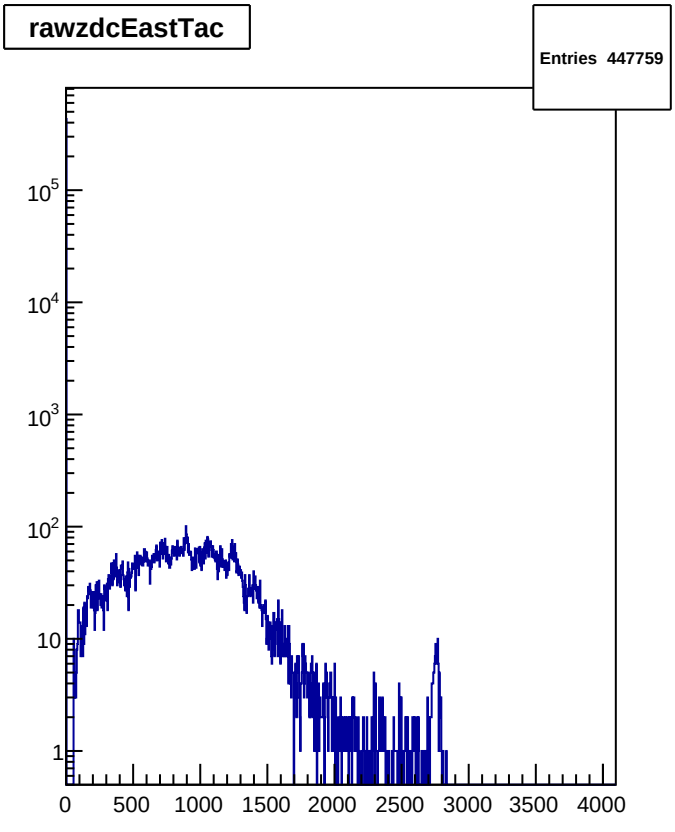

BBQ-BB001 (BBC east small tiles TAC)
Entries 7164144
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

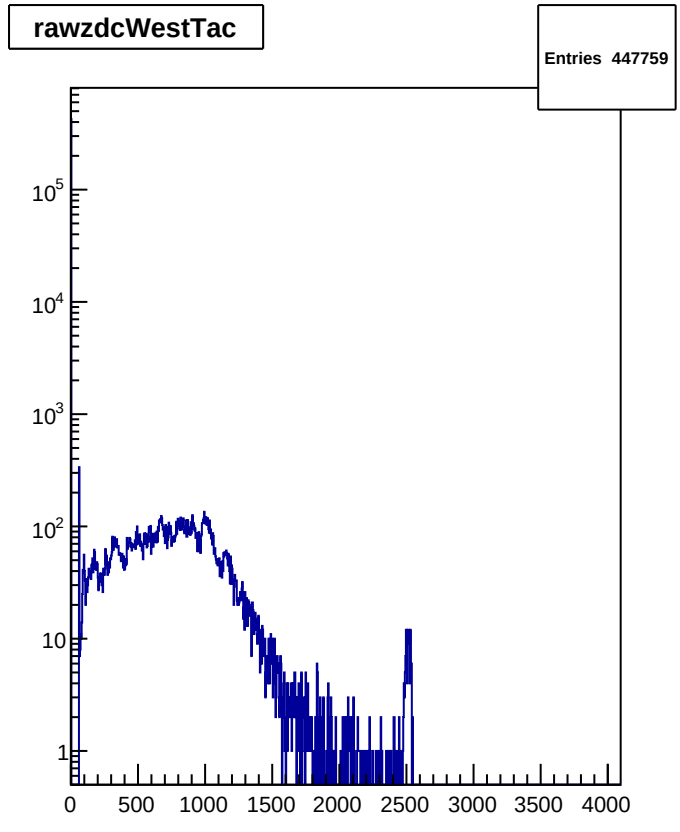

BBQ-BB002 (BBC west small tiles ADC)
Entries 7164144
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

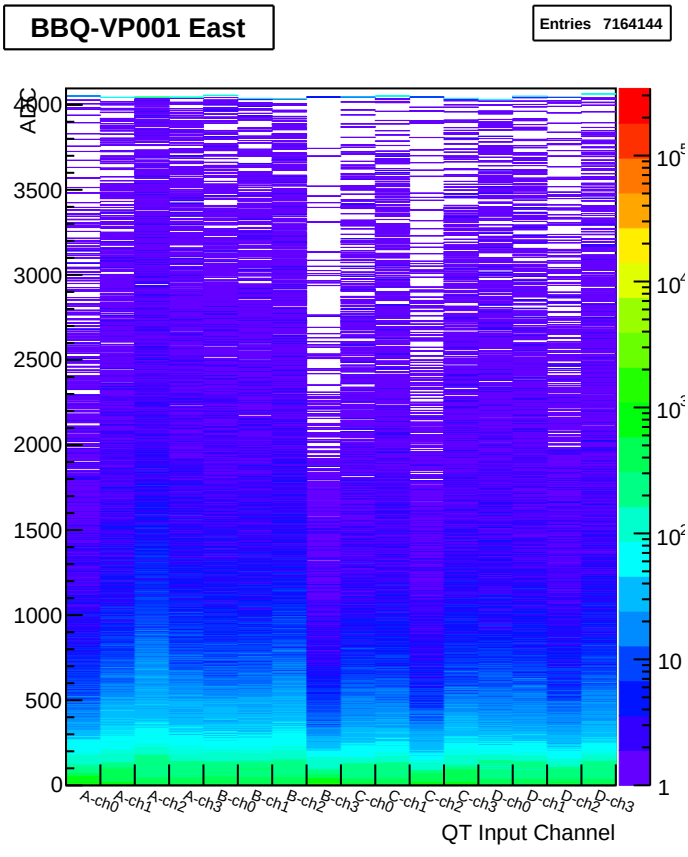

BBQ-BB002 (BBC west small tiles TAC)
Entries 7164144
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

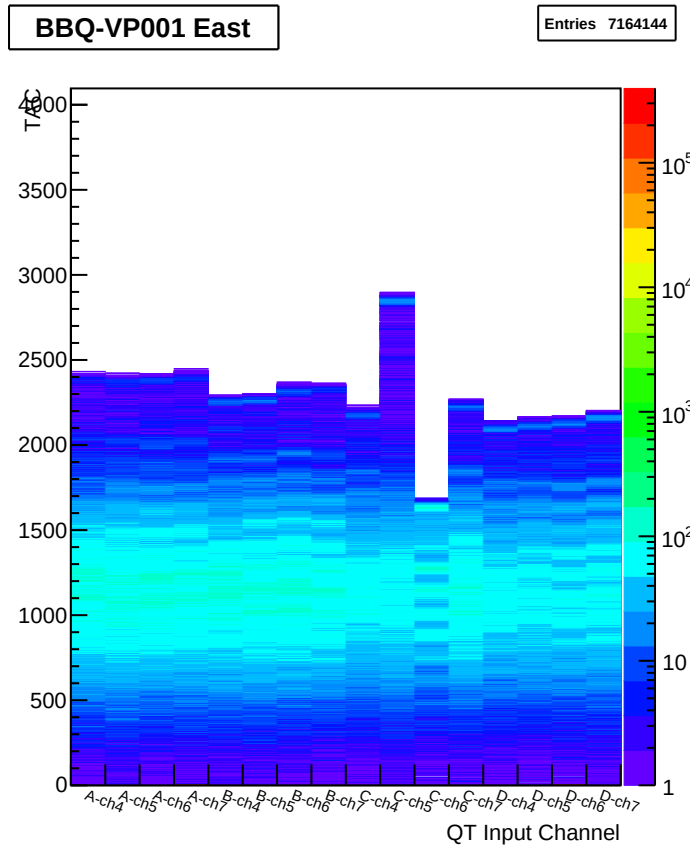

BBQ-ZD001 (ZDC TOWER)
Entries 7164144
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

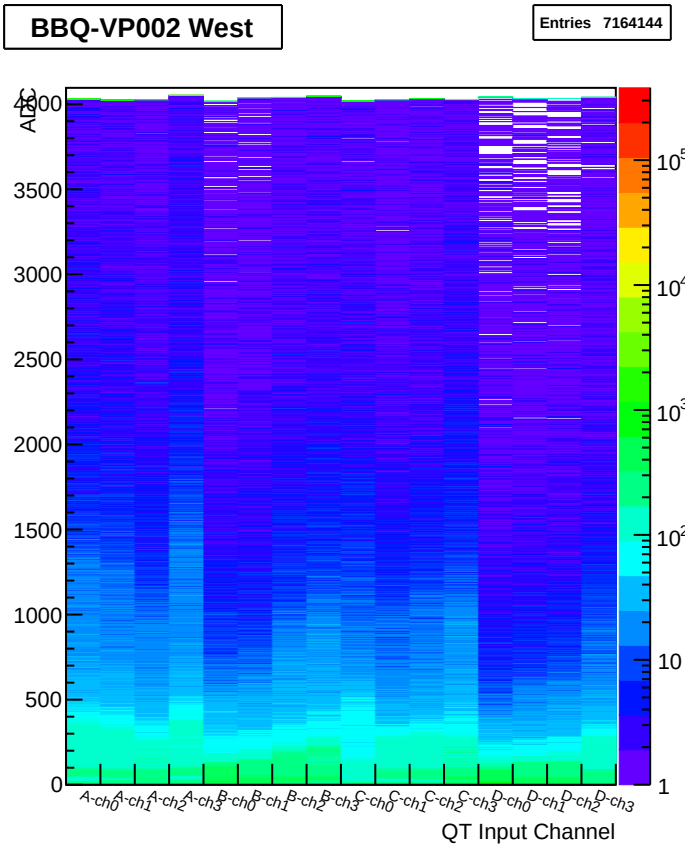

BBQ-ZD001 (ZDC TOWER)
Entries 7164144
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

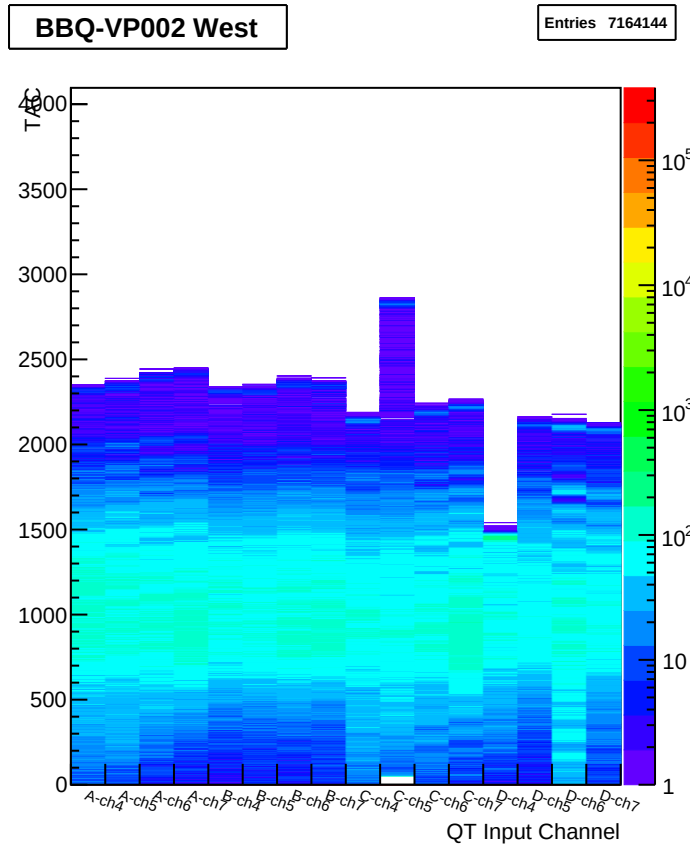

rawzdcEastTac
Entries 447759

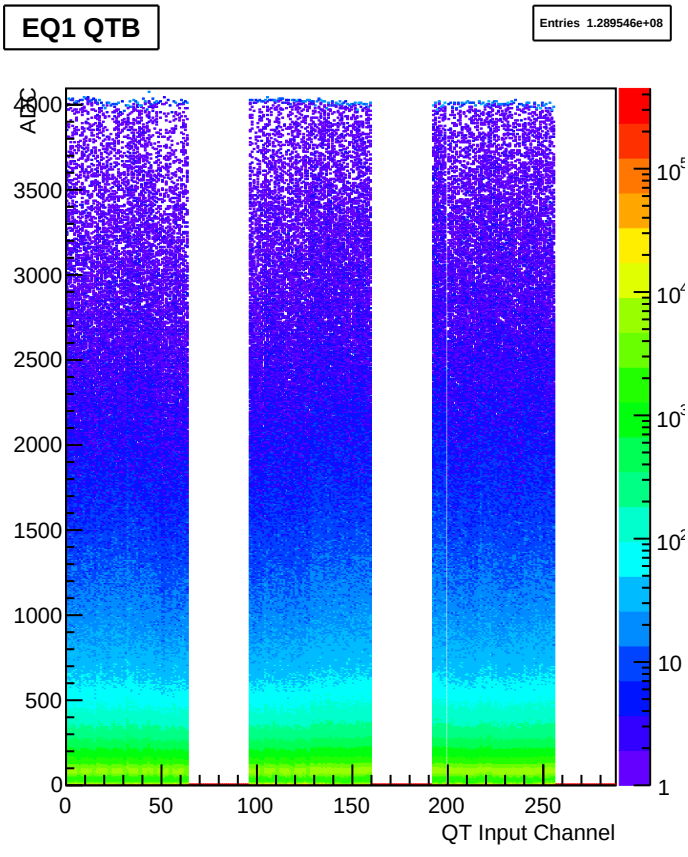

rawzdcWestTac
Entries 447759

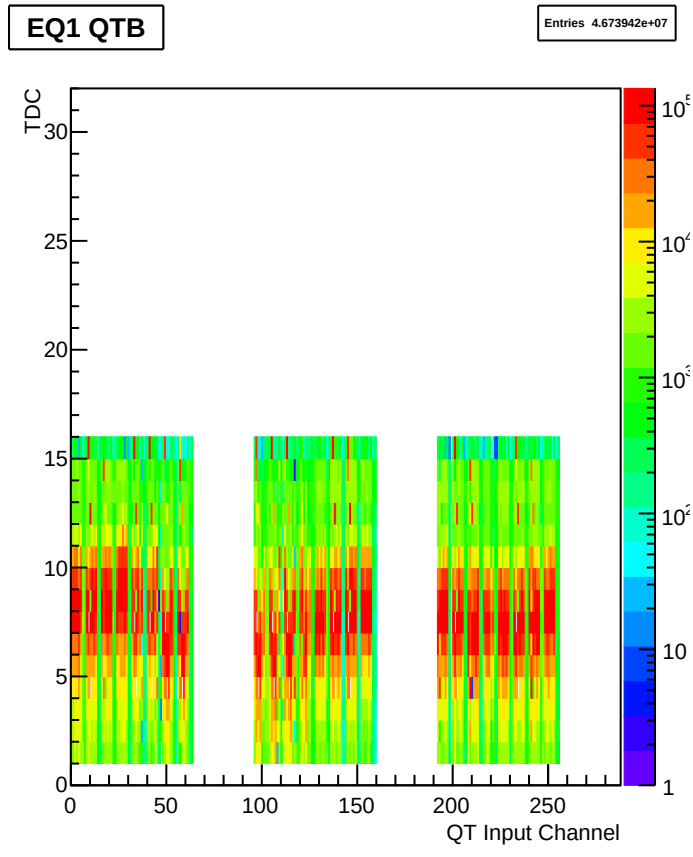

BBQ-VP001 East
Entries 7164144
ADC
QT Input Channel

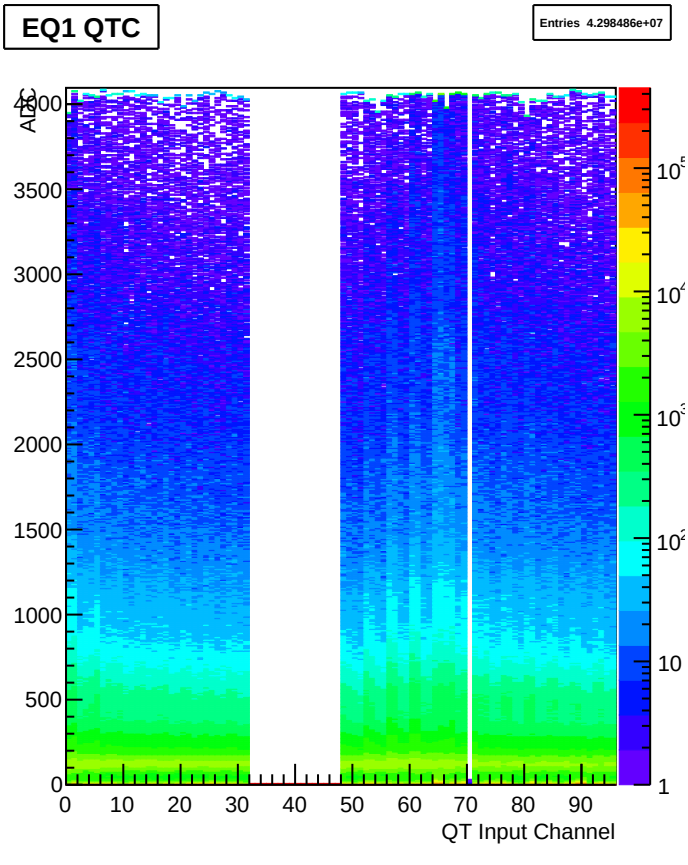

BBQ-VP001 East
Entries 7164144
ADC
QT Input Channel

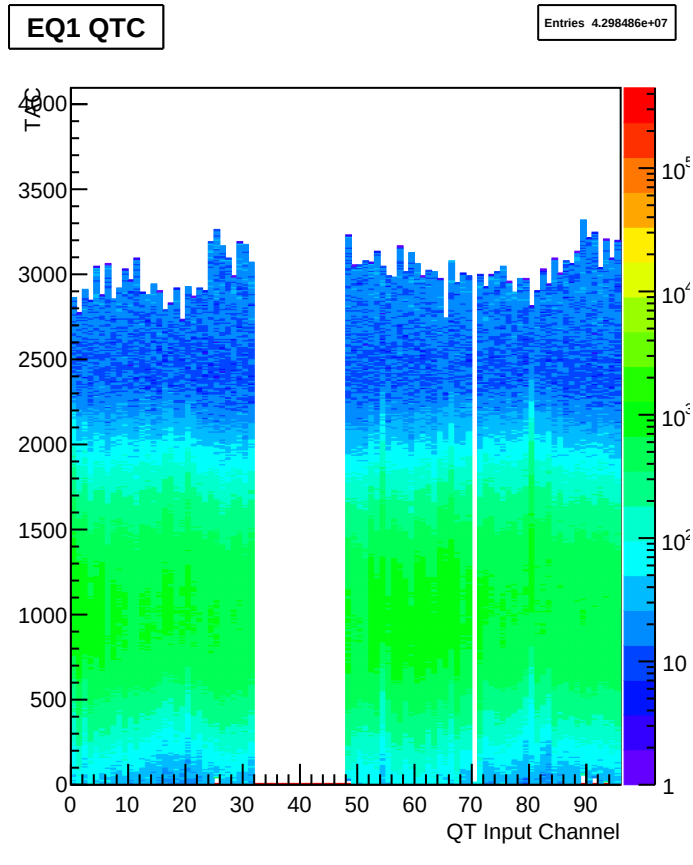

BBQ-VP002 West
Entries 7164144
ADC
QT Input Channel

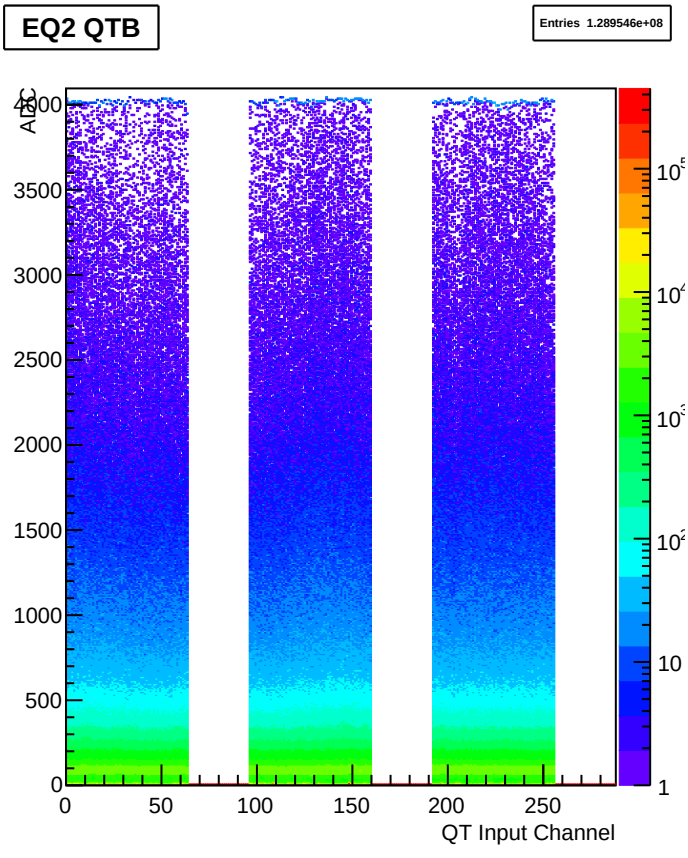

BBQ-VP002 West
Entries 7164144
ADC
QT Input Channel

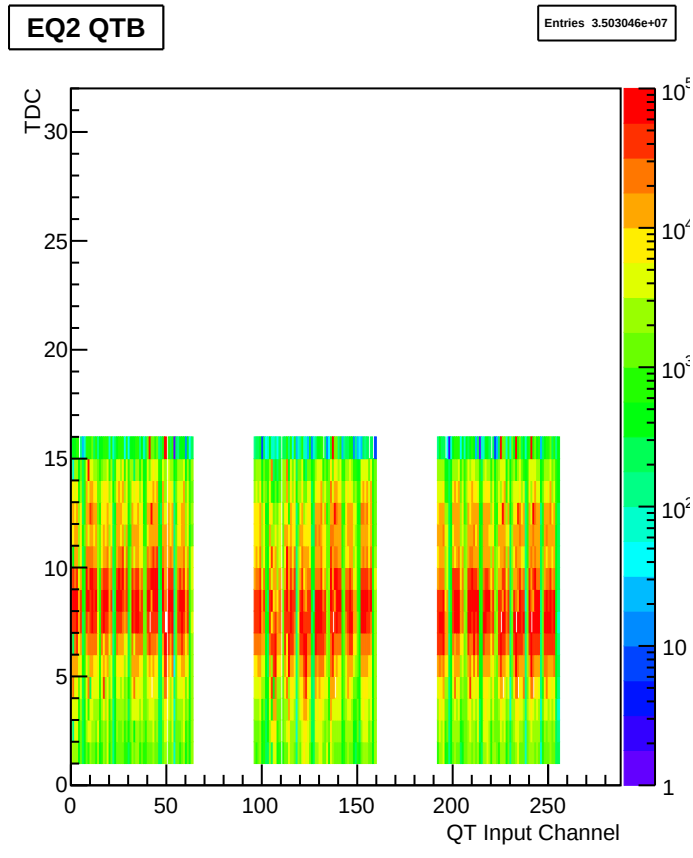

EQ1 QTB
Entries 1.289546e+08
ADC
QT Input Channel

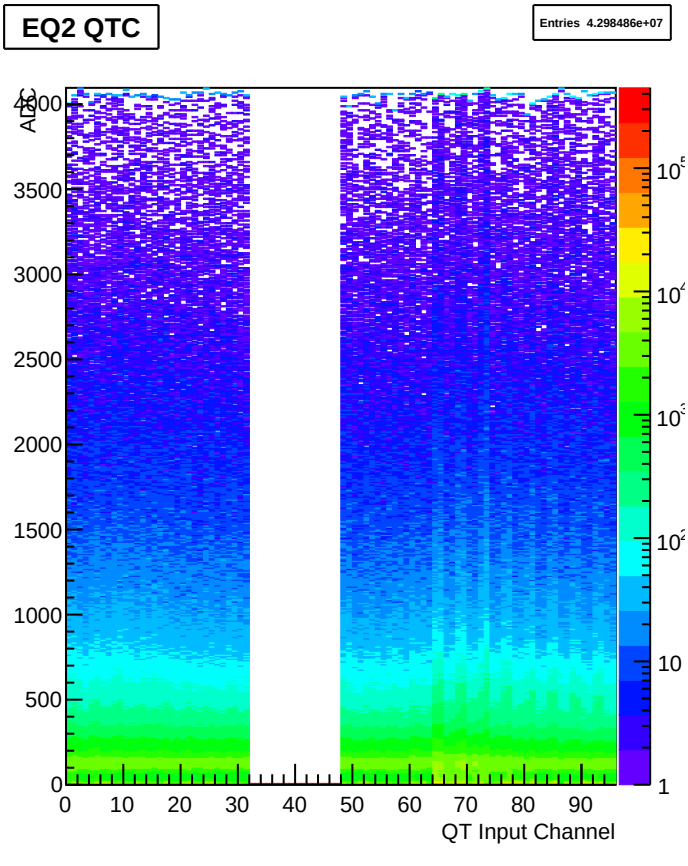

EQ1 QTB
Entries 4.673942e+07
TDC
QT Input Channel

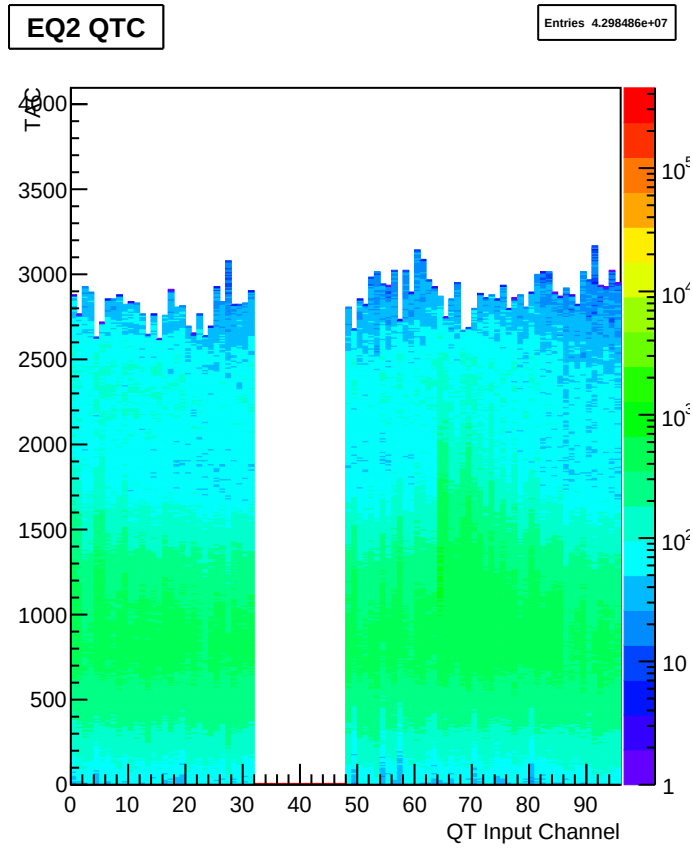

EQ1 QTC
Entries 4.298486e+07
ADC
QT Input Channel

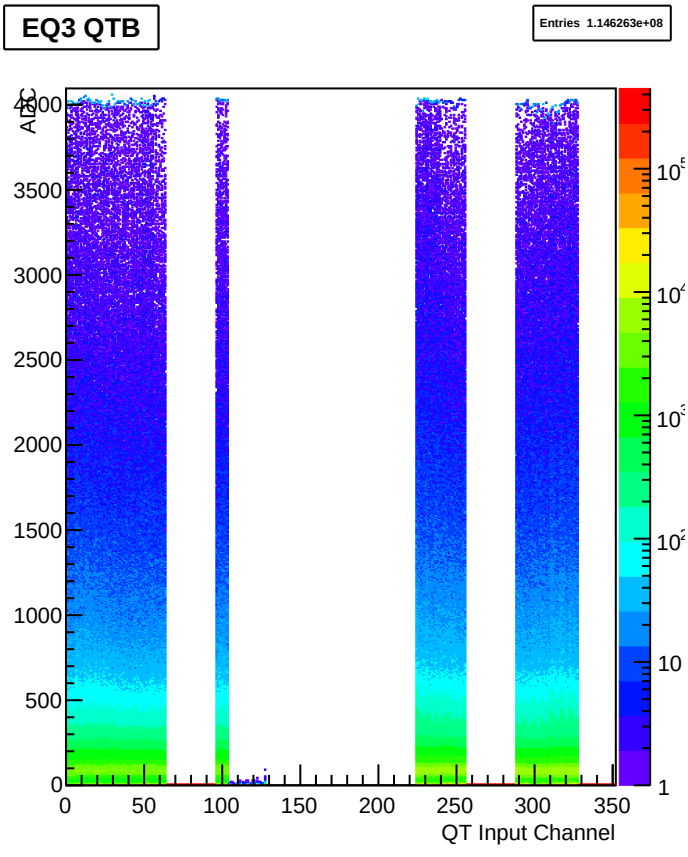

EQ1 QTC
Entries 4.298486e+07
TADC
QT Input Channel

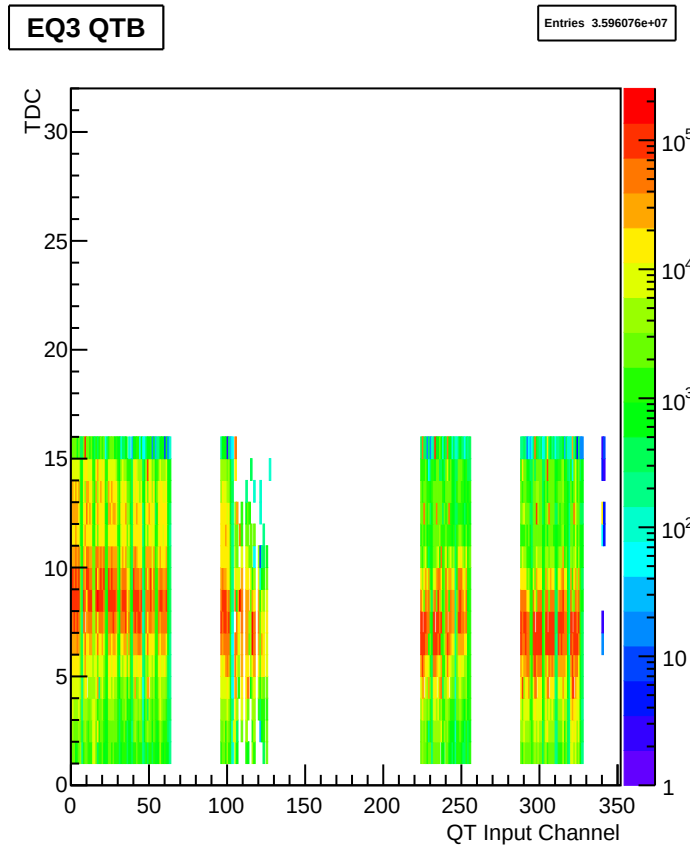

EQ2 QTB
Entries 1.289546e+08
ADC
QT Input Channel

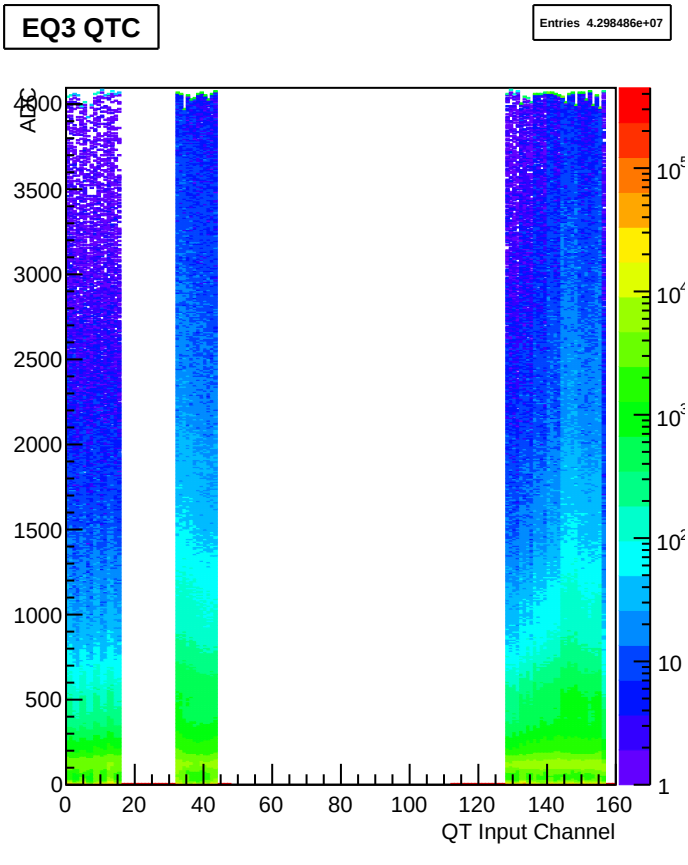

EQ2 QTB
Entries 3.503046e+07
TDC
QT Input Channel

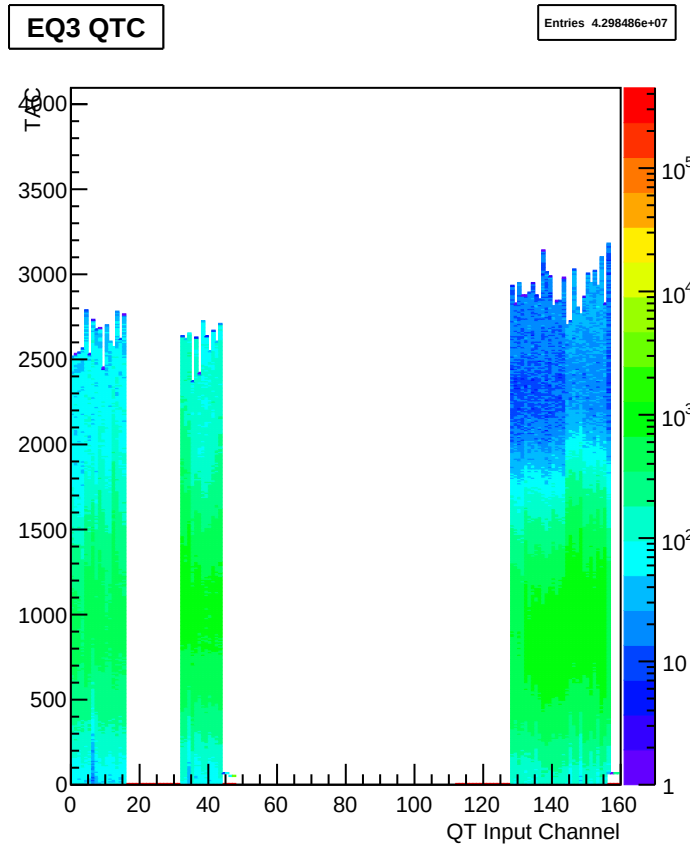

EQ2 QTC
Entries 4.298486e+07
ADC
QT Input Channel


EQ2 QTC
Entries 4.298486e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.146263e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.596076e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.298486e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.298486e+07
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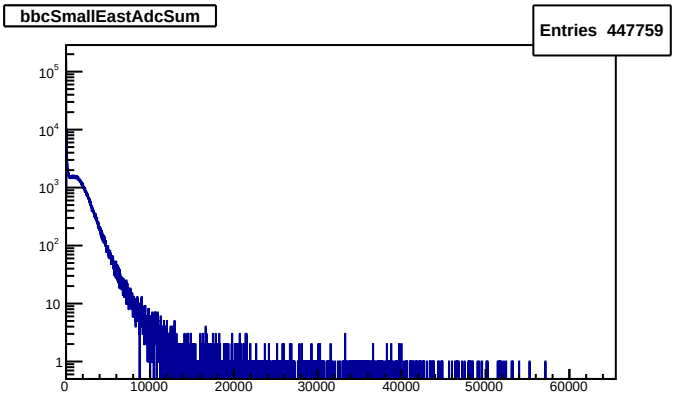
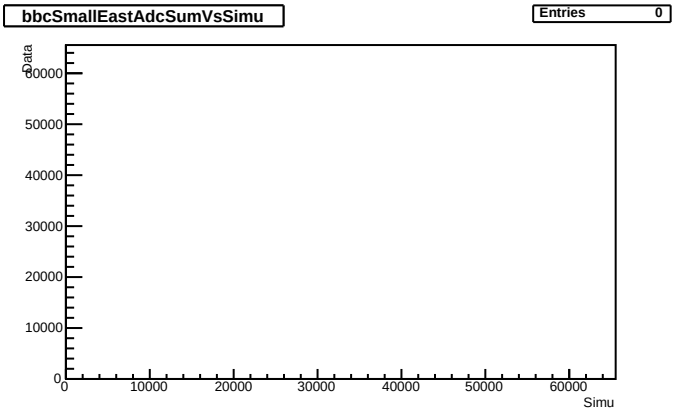
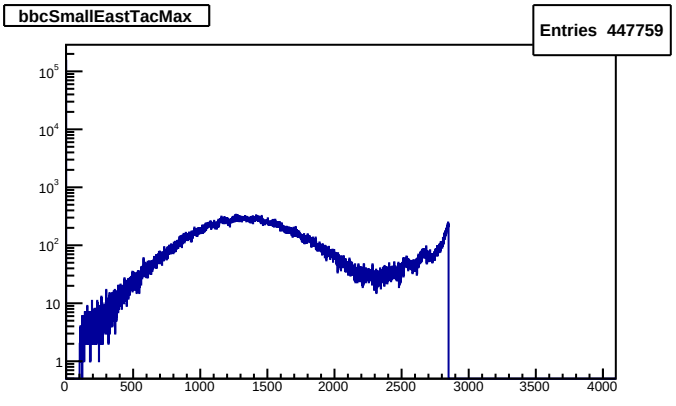
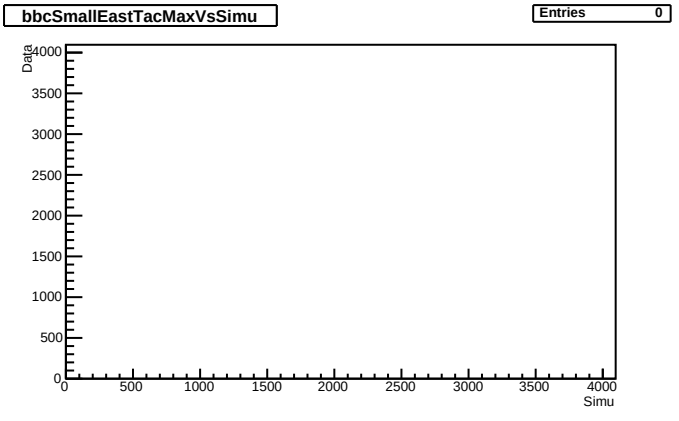
QT Input Channel


bbcSmallEastAdcSum
Entries 447759


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 447759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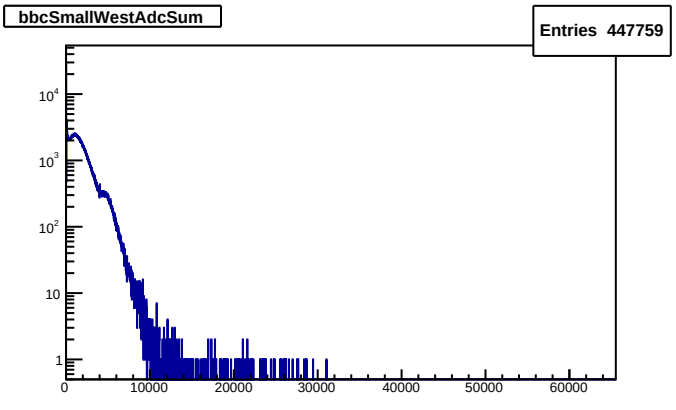
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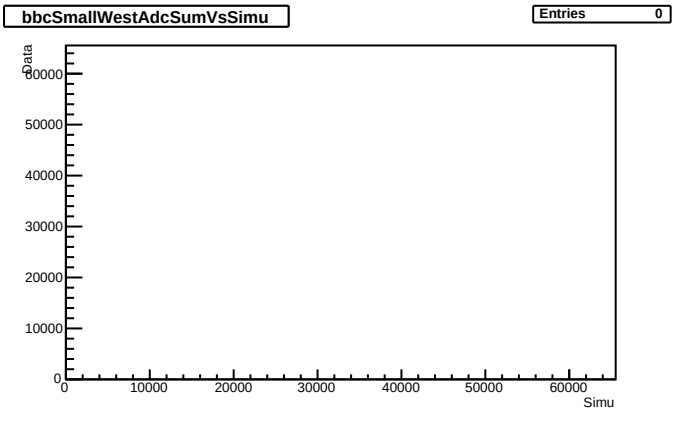
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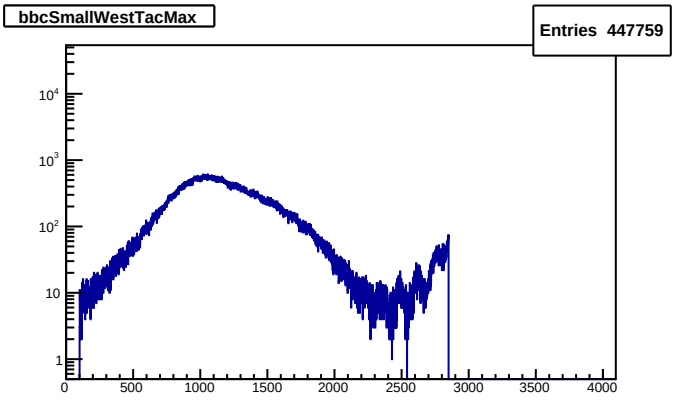
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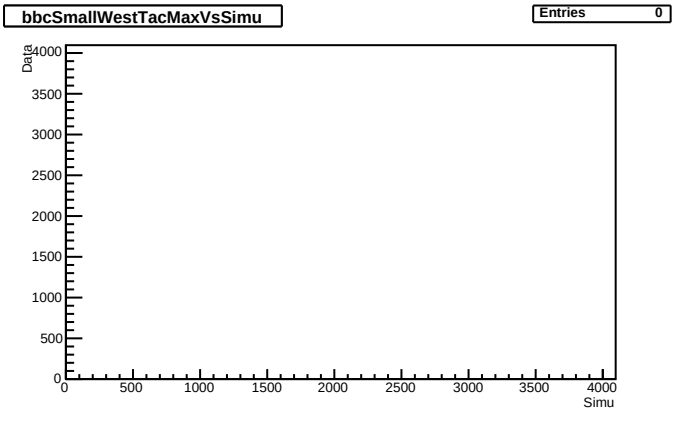
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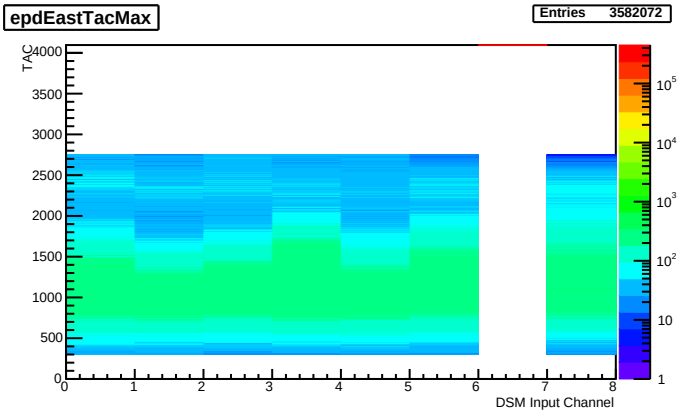
Simu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Entries 3582072
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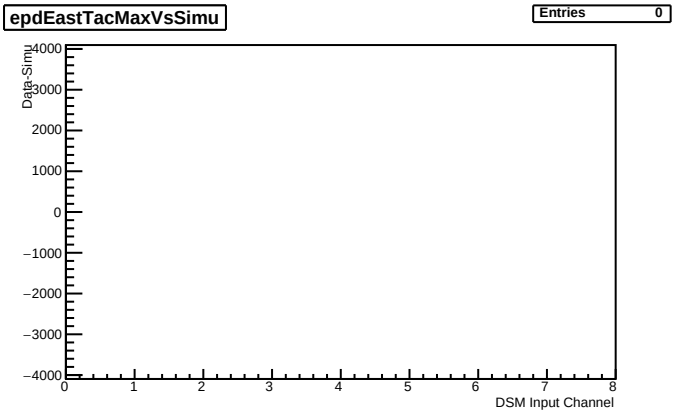
DSM Input Channel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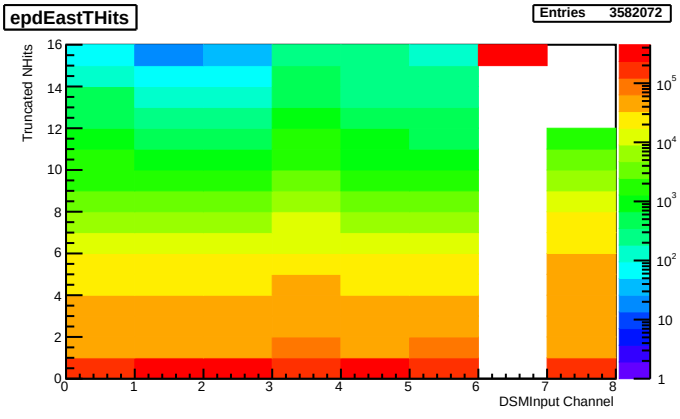
Entries 0
Data-Simu
DSM Input Channel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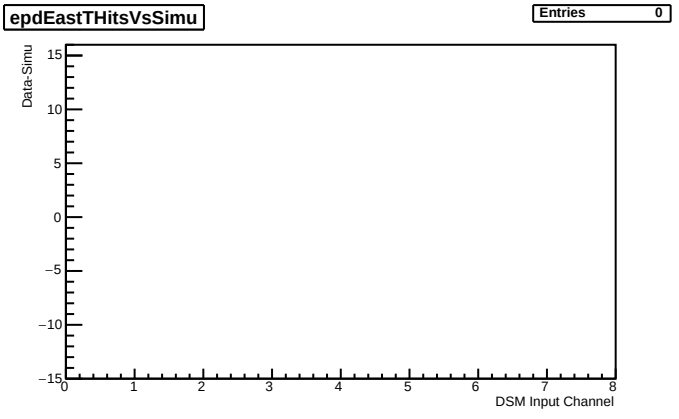
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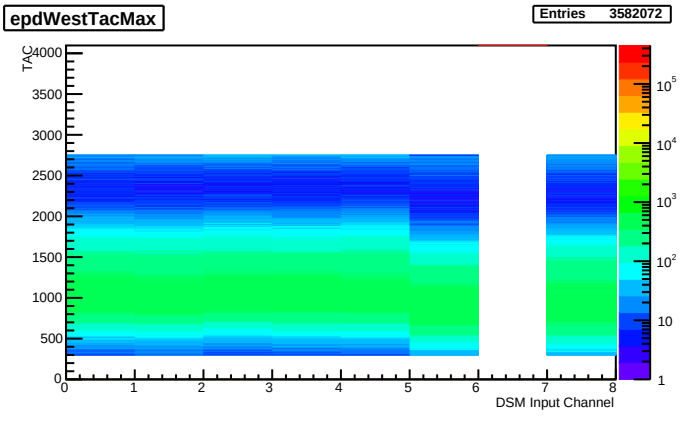
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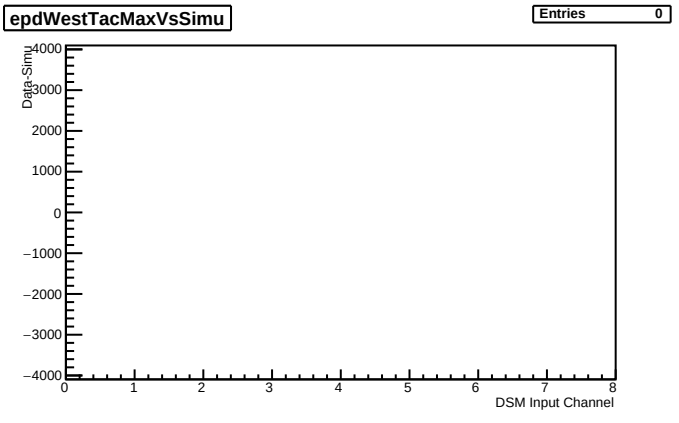
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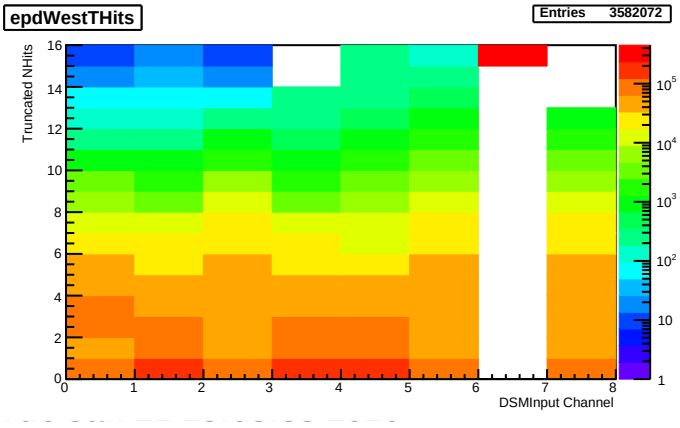
DSM Input Channel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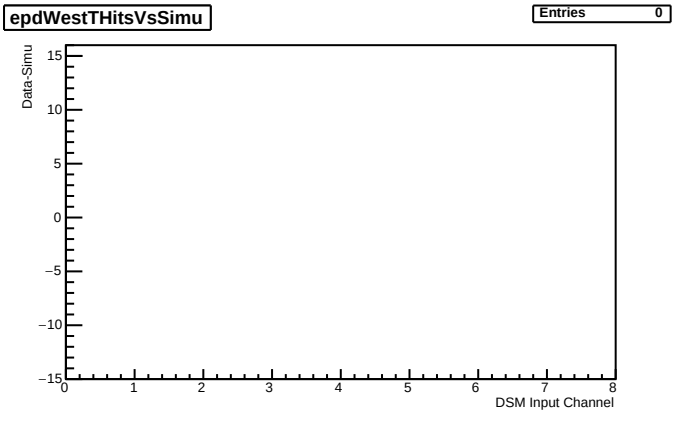
Truncated NHits
DSMInput Channel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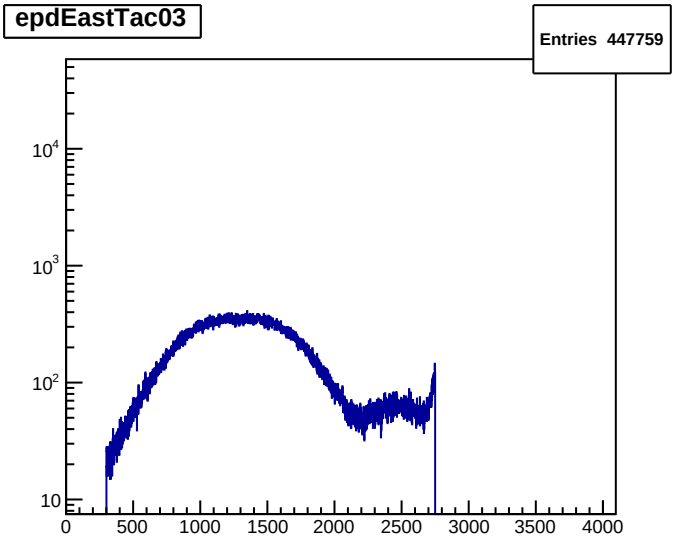
DSM Input Channel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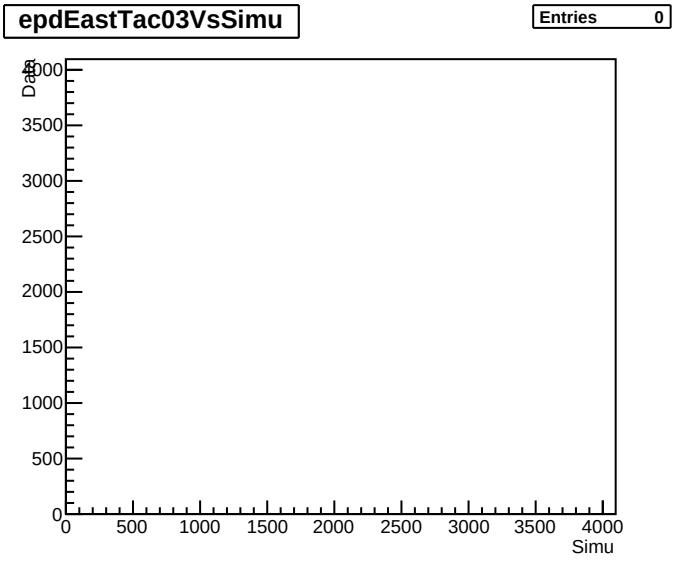
Entries 447759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Data
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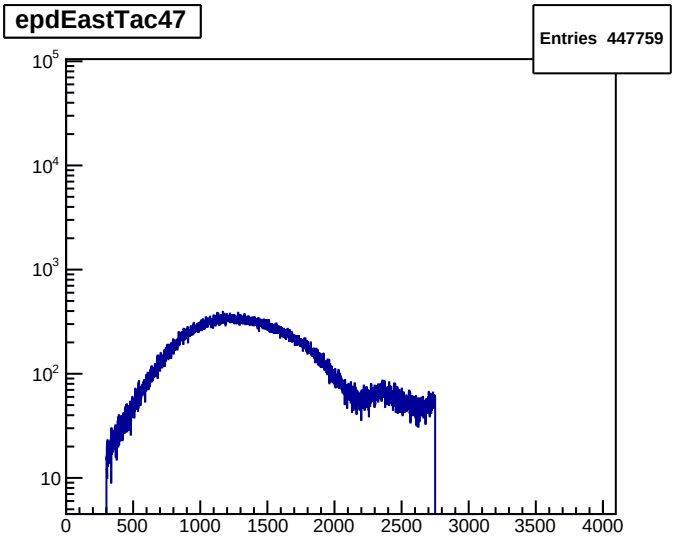
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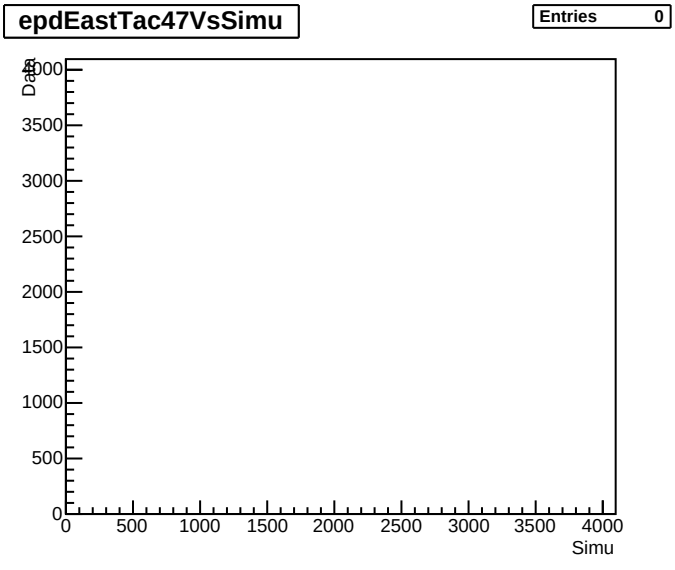
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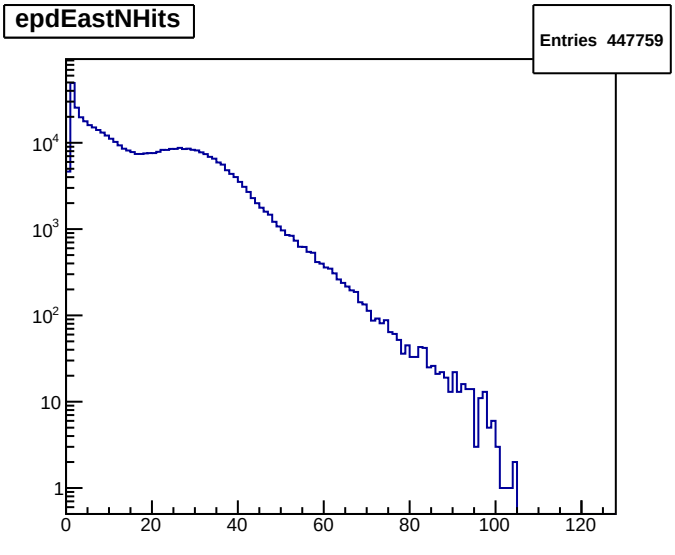
Entries 0
Data
Simu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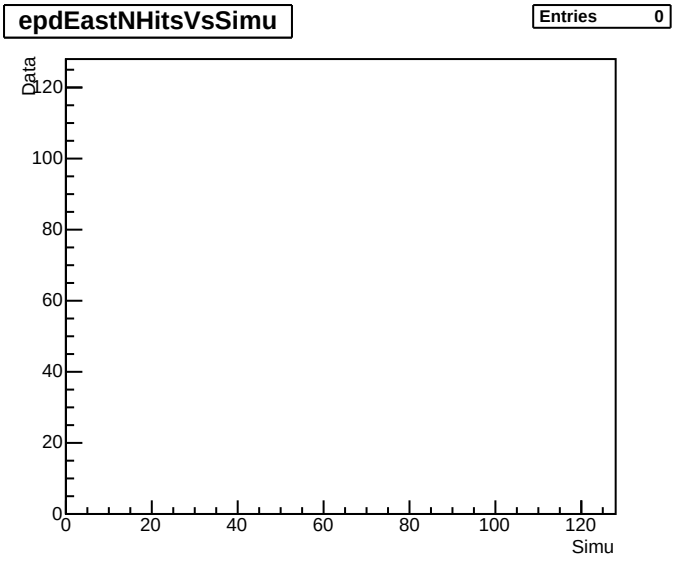
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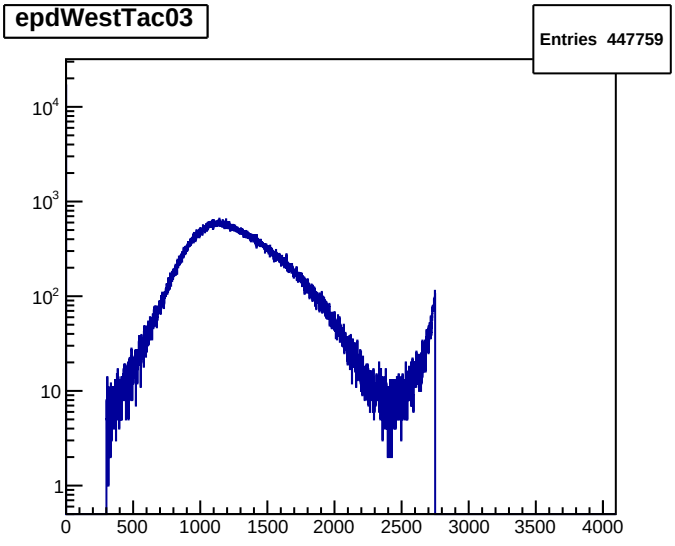
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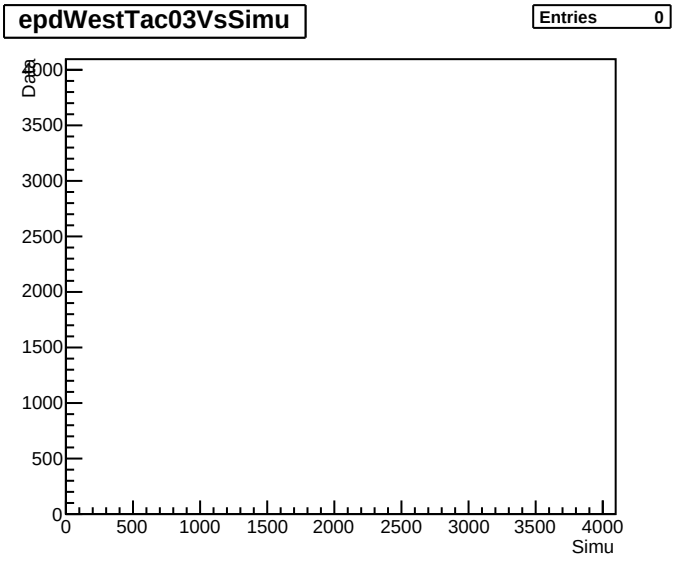
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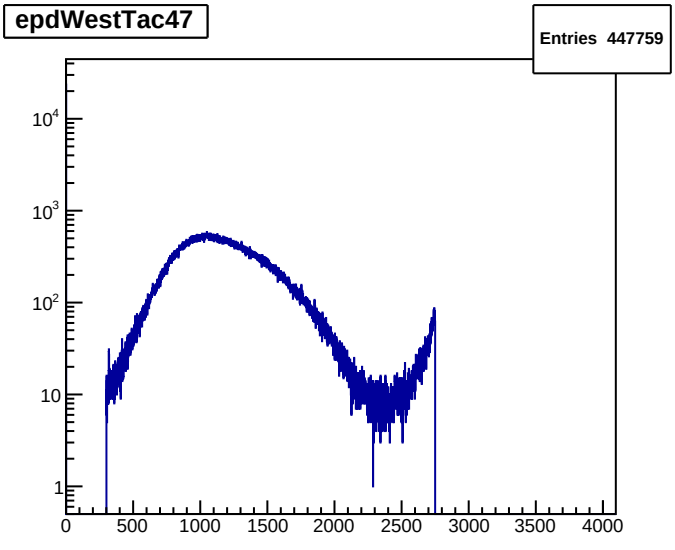
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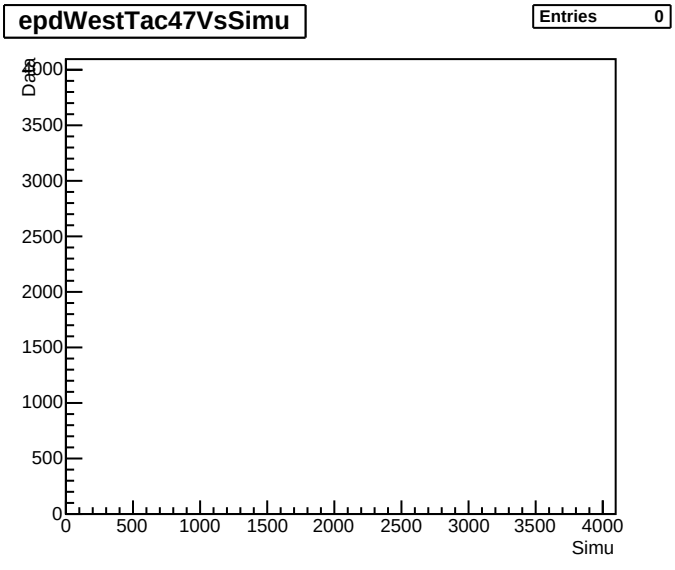
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Data
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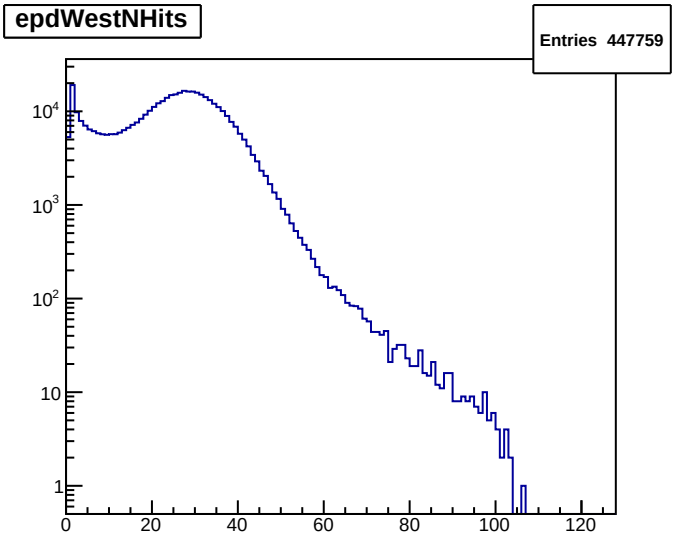
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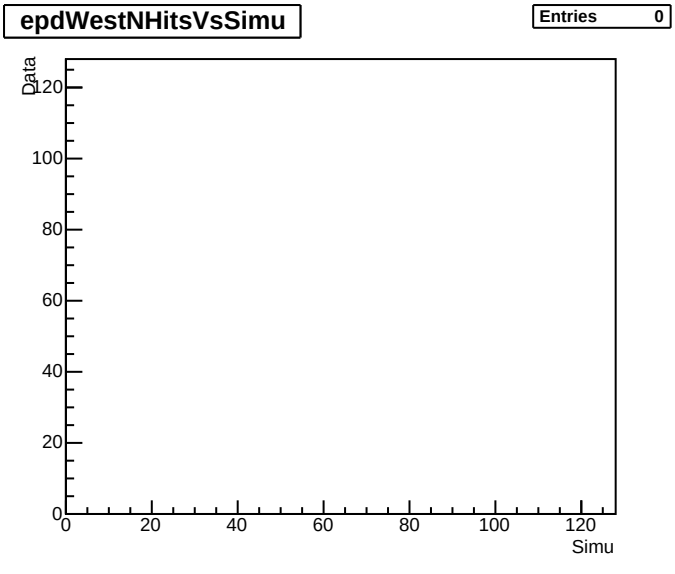
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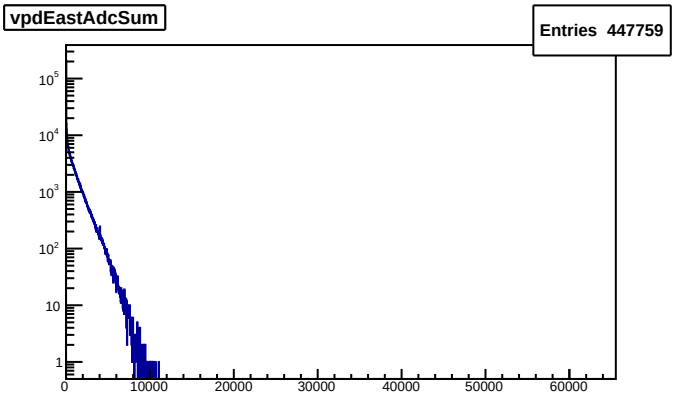
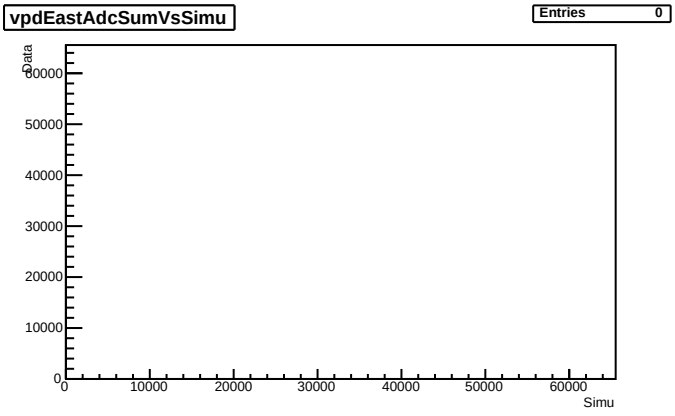
Entries 0
Data
Simu


vpdEastAdcSum
Entries 447759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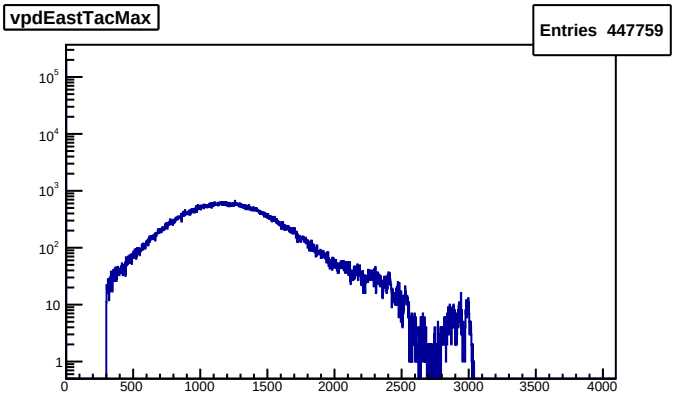
Entries 0
Data
Simu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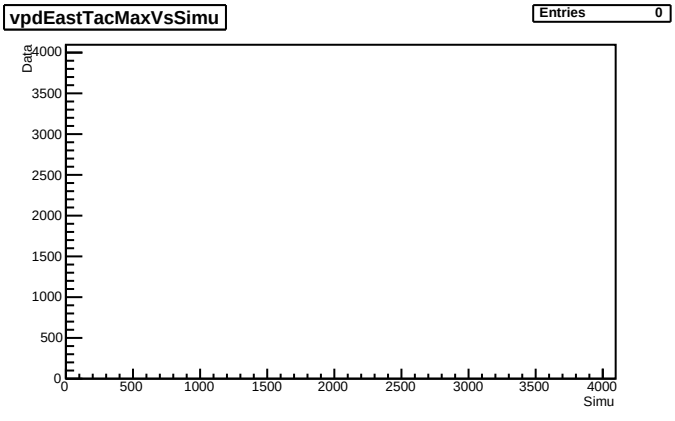
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Entries 0
Data
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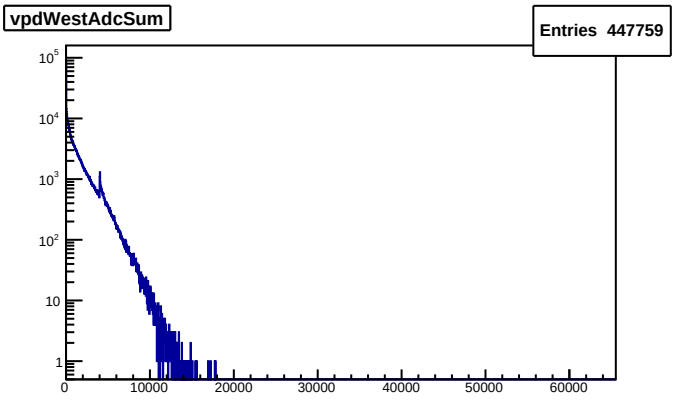
vpdWestAdcSum
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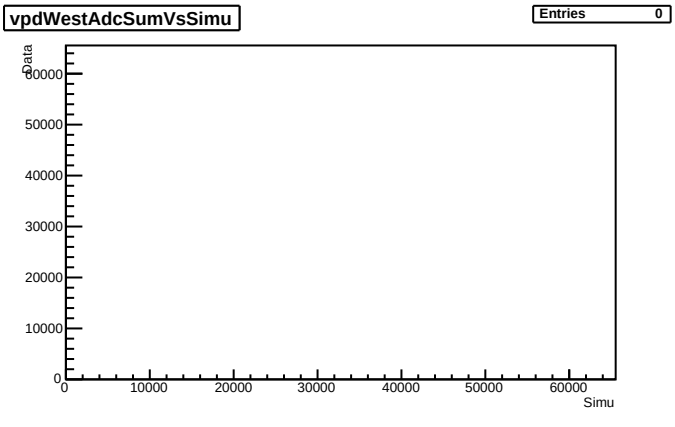
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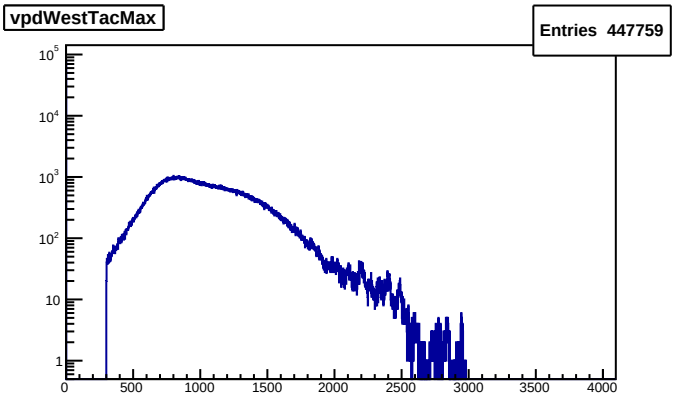
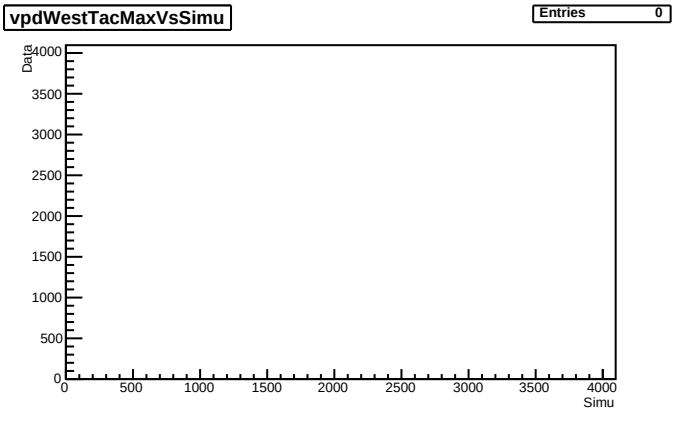
Entries 0
Data
Simu


vpdWestTacMax
Entries 447759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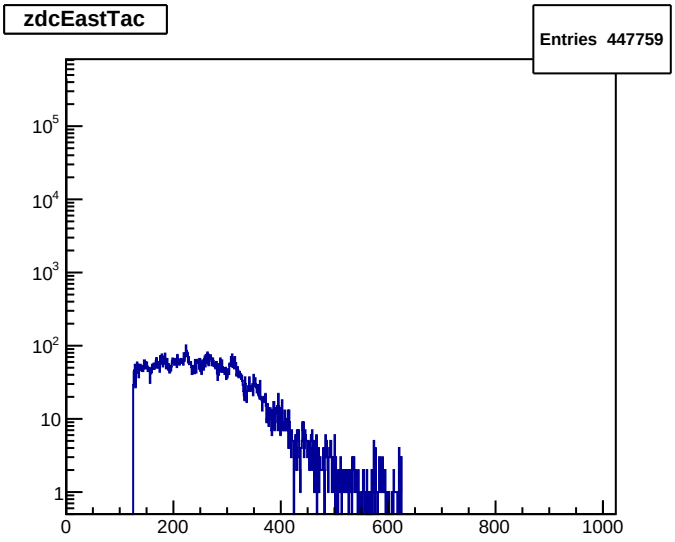
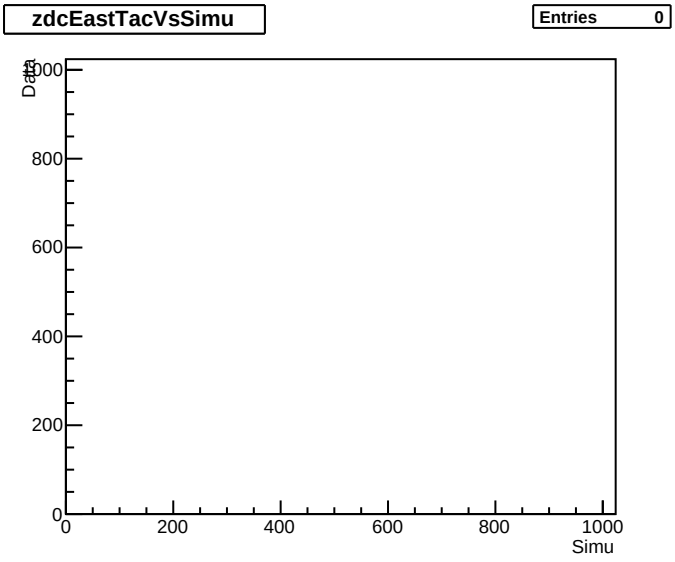
Entries 0
Data
Simu


zdcEastTac
Entries 447759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Entries 0
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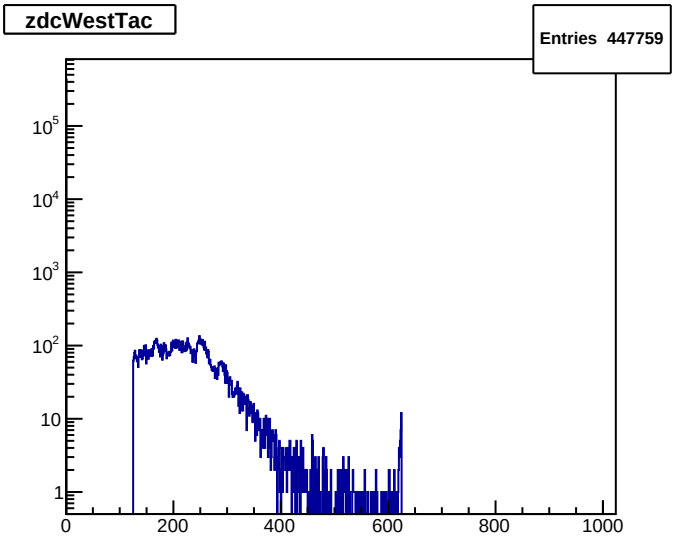
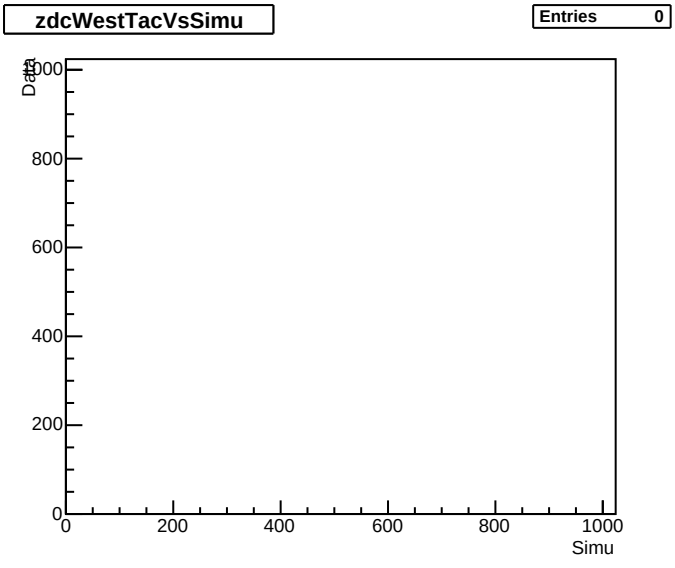
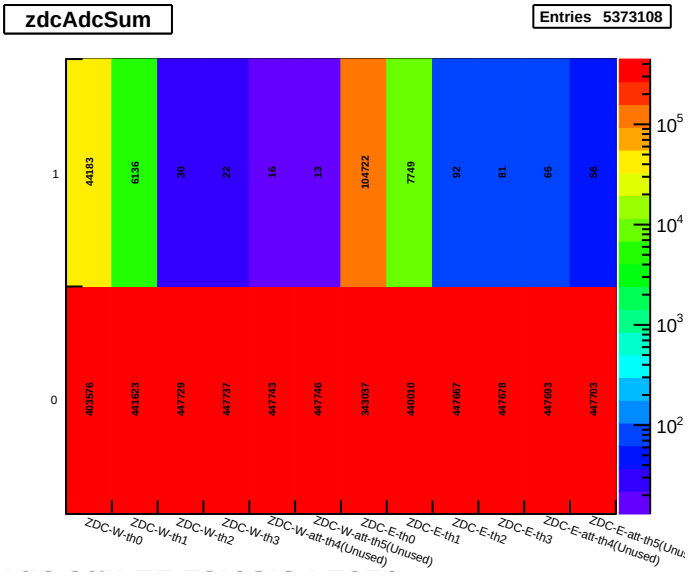

zdcWestTac
Entries 447759


zdcWestTacVsSimu
Entries 0
Data
Simu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Entries 5373108
44183
6136
30
22
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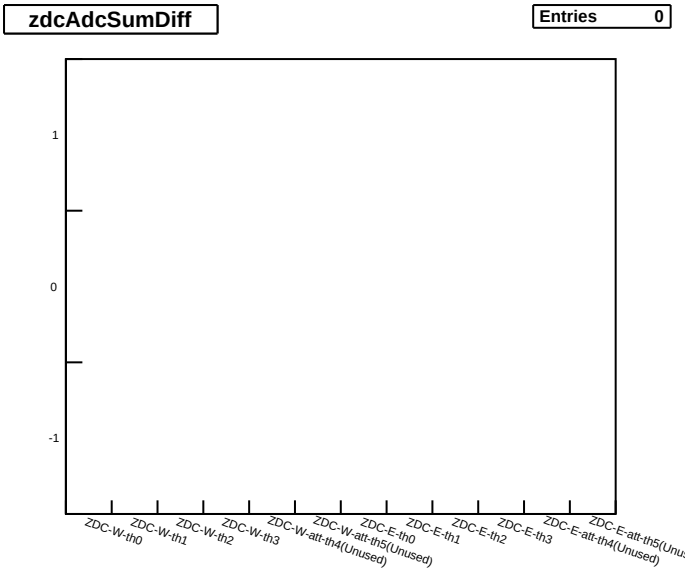
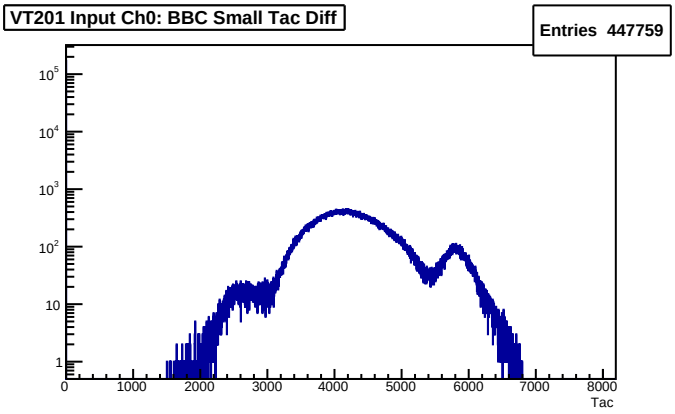
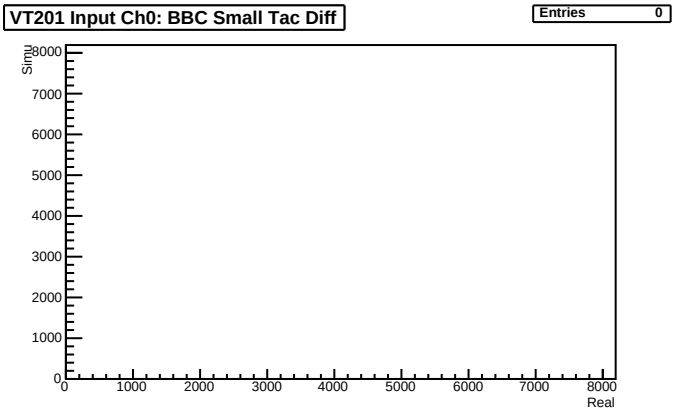
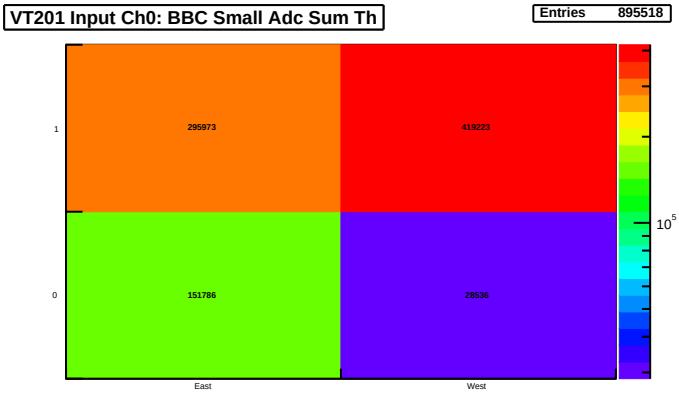
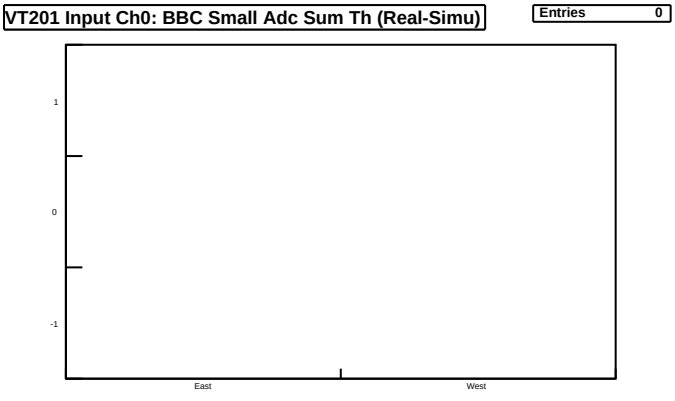
13
104722
7749
92
81
66
56
403576
441623
447729
447737
447743
447746
343037
440010
447667
447678
447693
447703
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

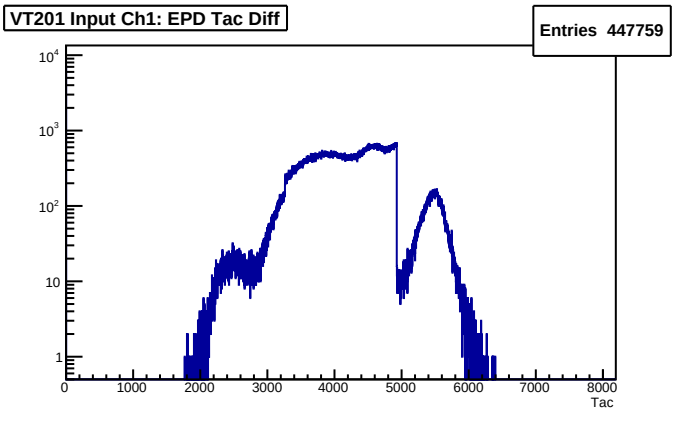

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

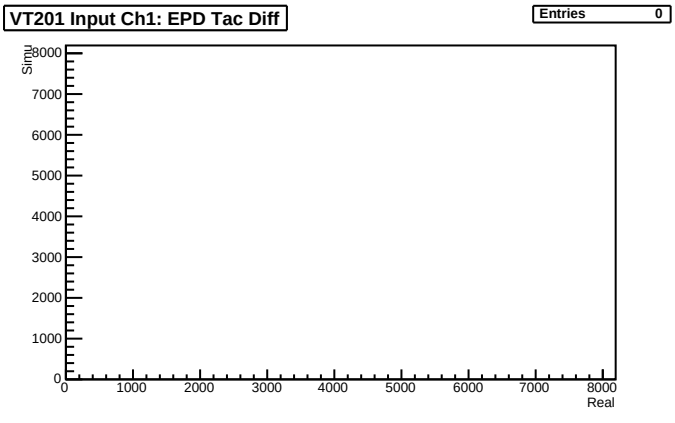

VT201 Input Ch0: BBC Small Tac Diff
Entries 447759
Tac

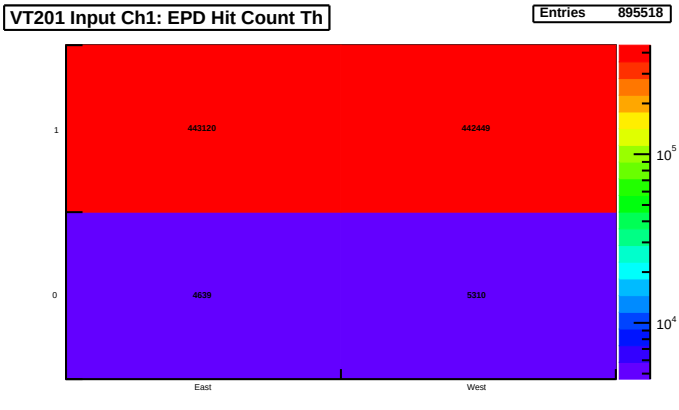

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

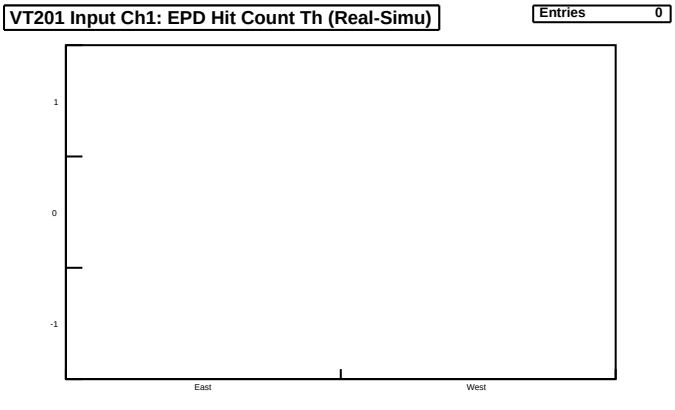

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 895518
295973
419223
151786
28536
East
West

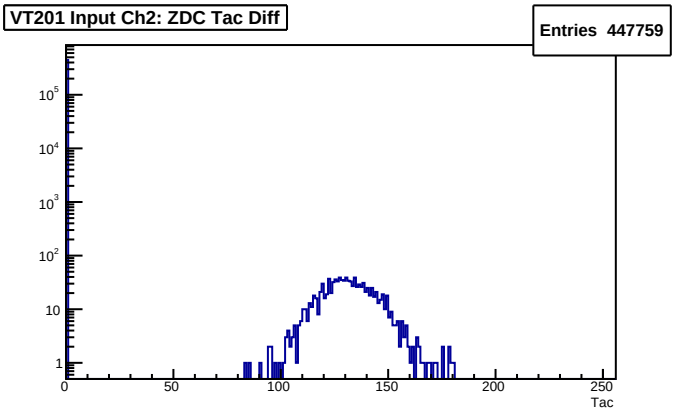

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

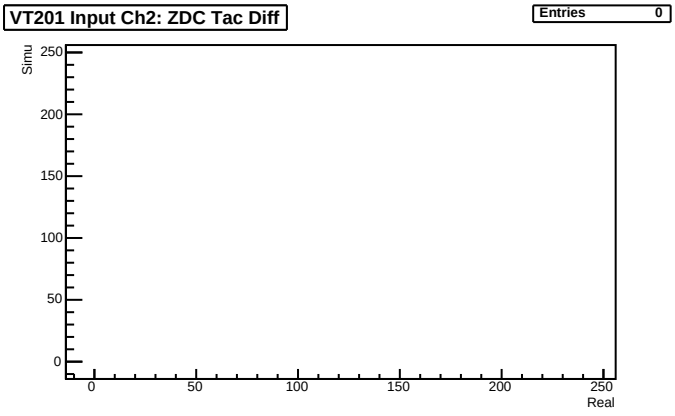

VT201 Input Ch1: EPD Tac Diff
Entries 447759
Tac

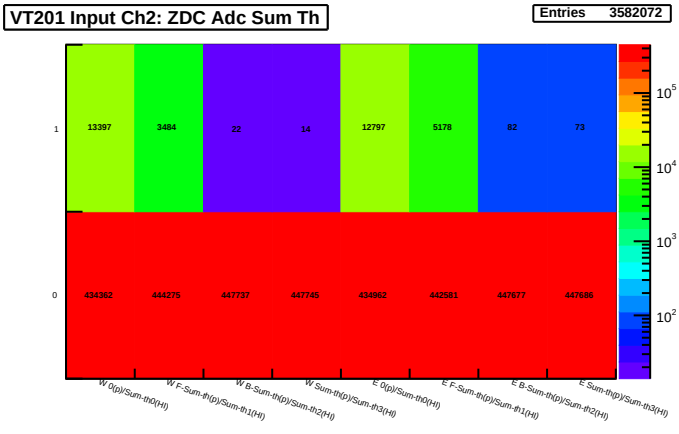

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

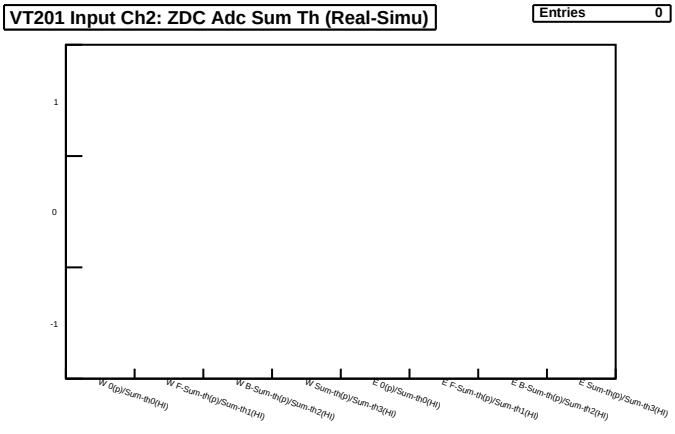

VT201 Input Ch1: EPD Hit Count Th
Entries 895518
443120
442449
4639
5310
East
West

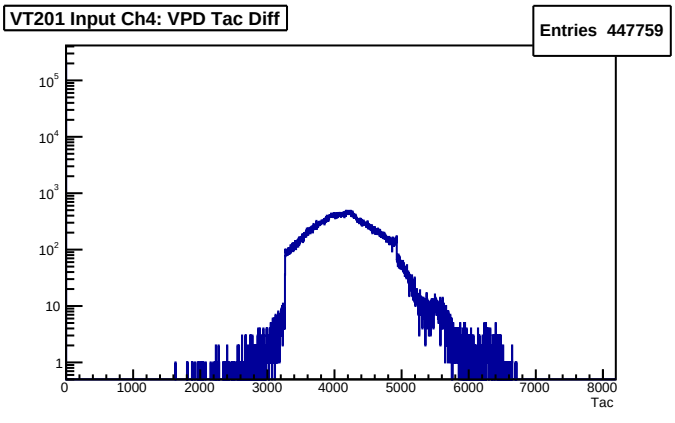

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

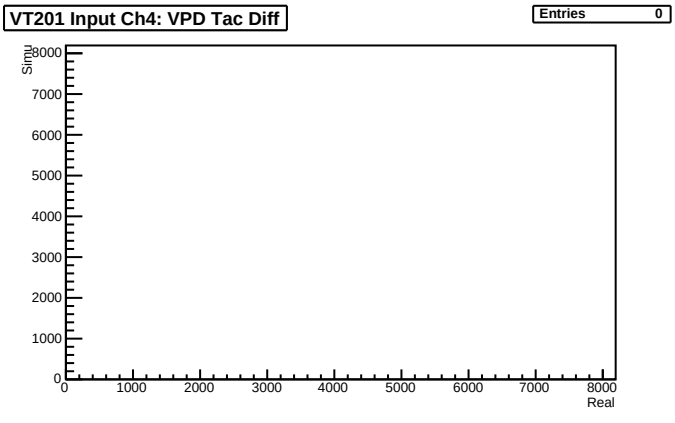

VT201 Input Ch2: ZDC Tac Diff
Entries 447759
Tac

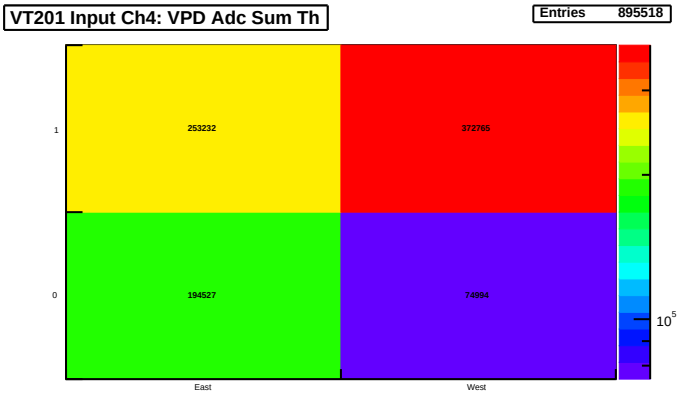

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

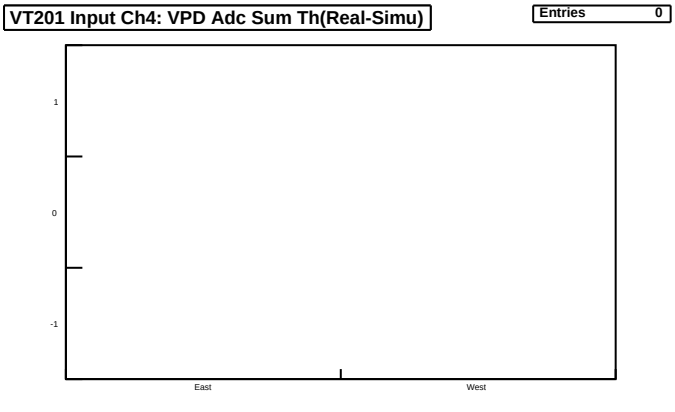

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3582072
13397
3484
22
14
12797
5178
82
73
434362
444275
447737
447745
434962
442581
447677
447686
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

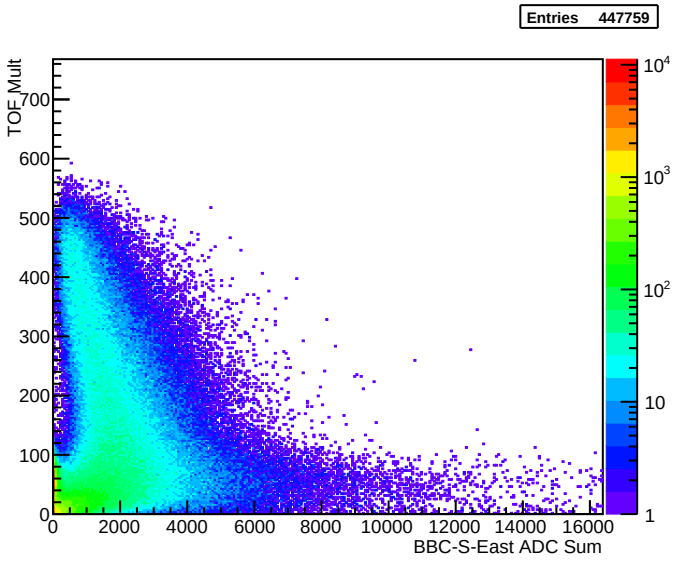

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

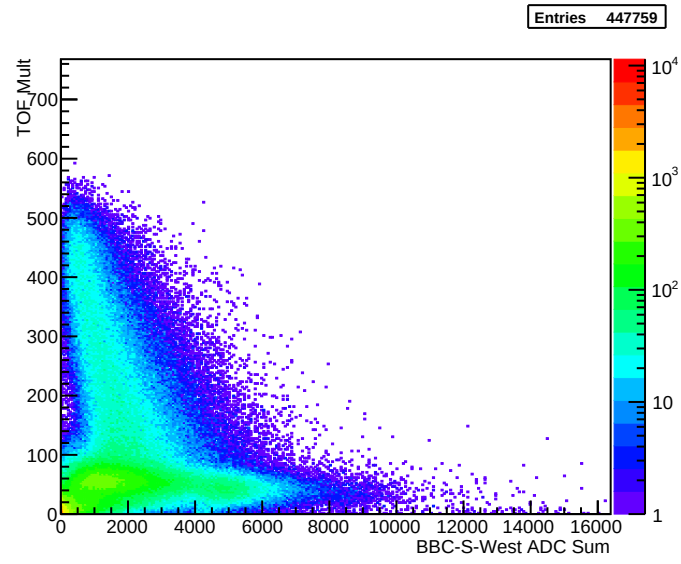

VT201 Input Ch4: VPD Tac Diff
Entries 447759
Tac

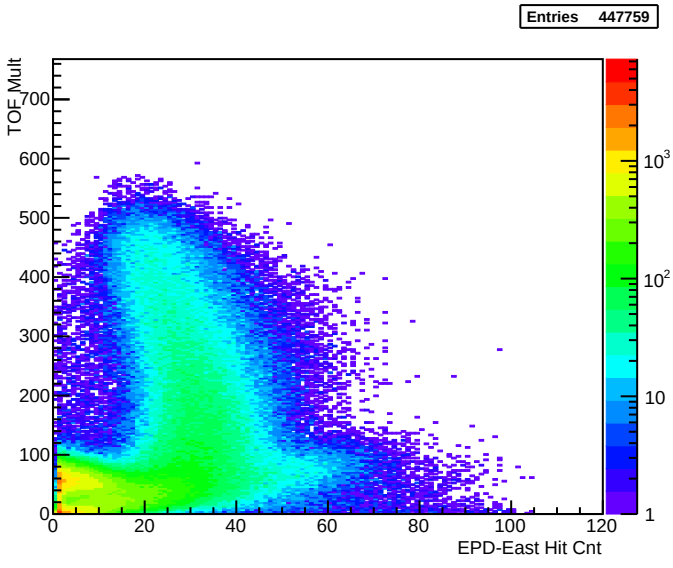

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

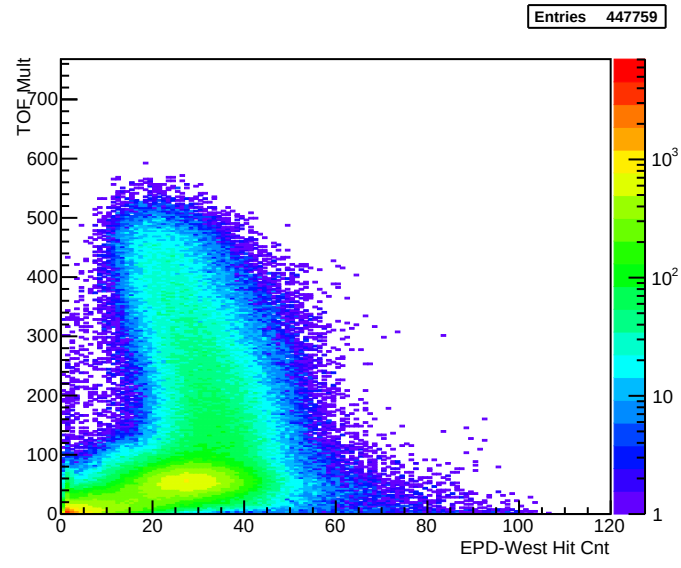

VT201 Input Ch4: VPD Adc Sum Th
Entries 895518
253232
372765
194527
74994
East
West

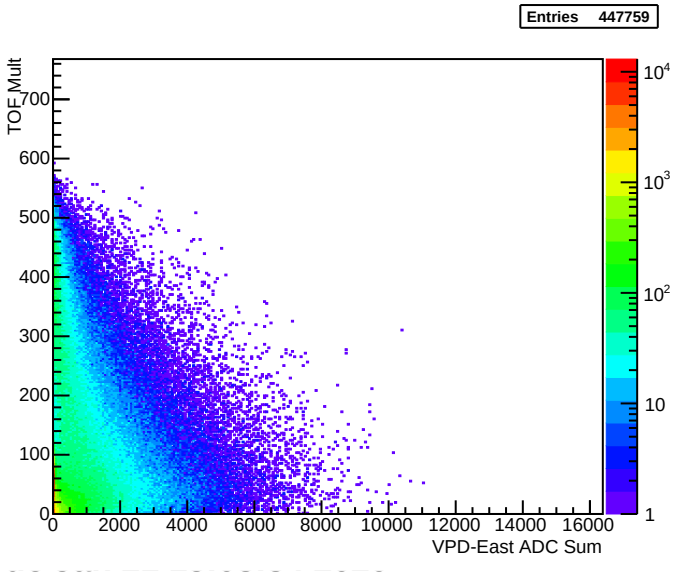

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

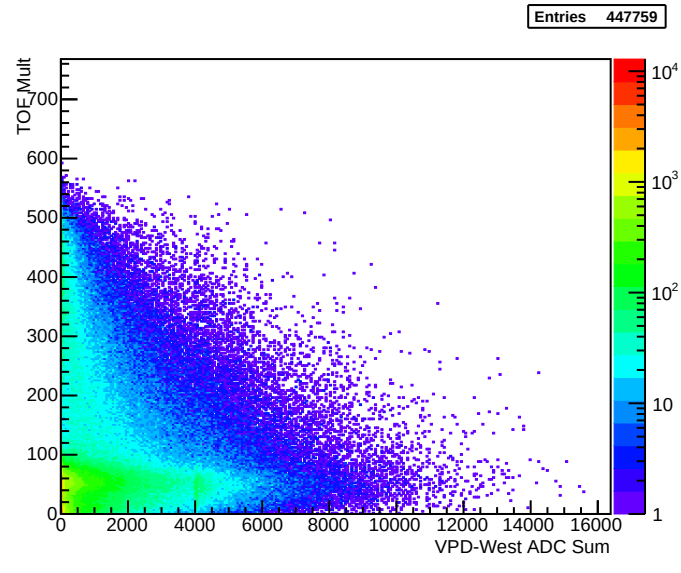

Entries 447759
TOF_Mult
BBC-S-East ADC Sum

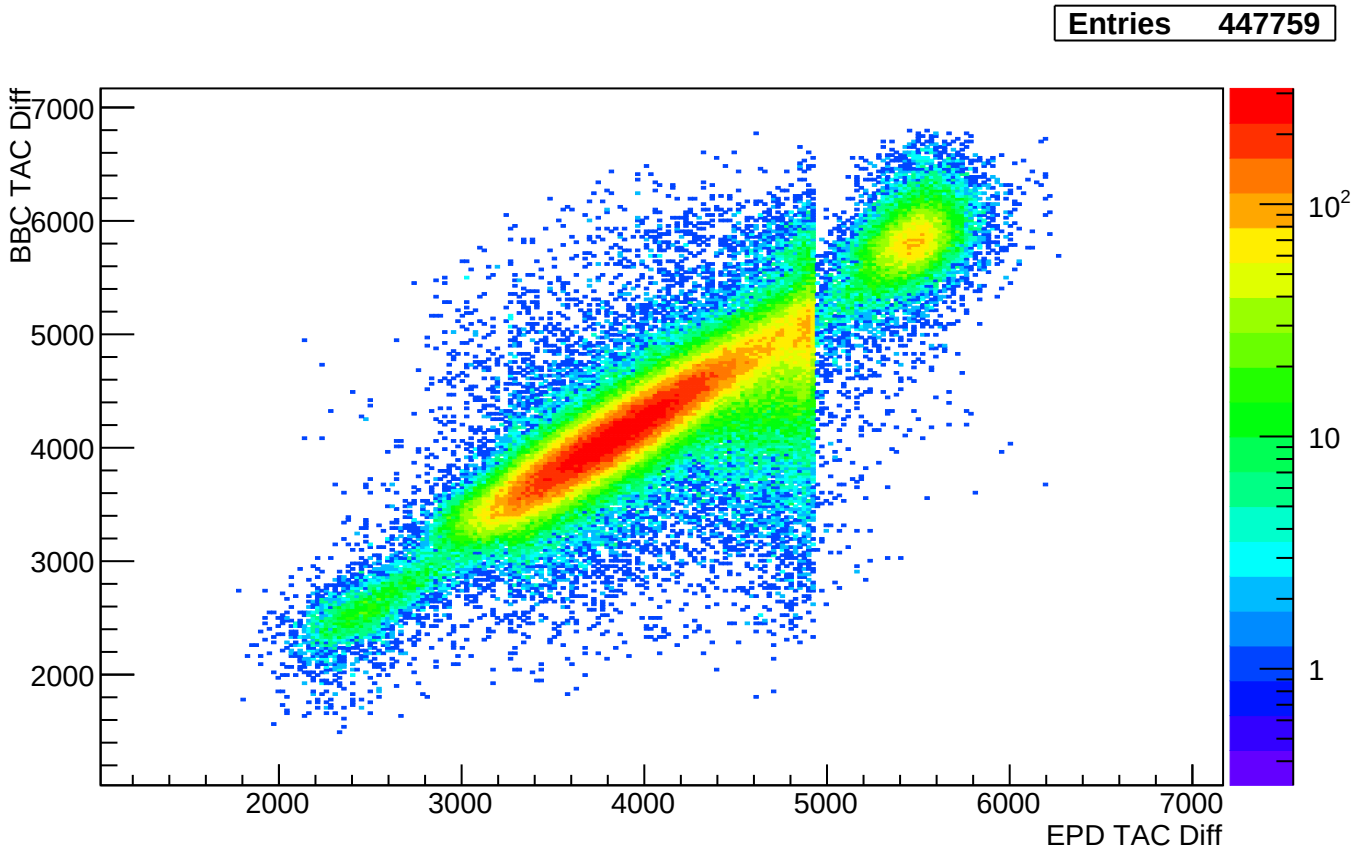

Entries 447759
TOF_Mult
BBC-S-West ADC Sum

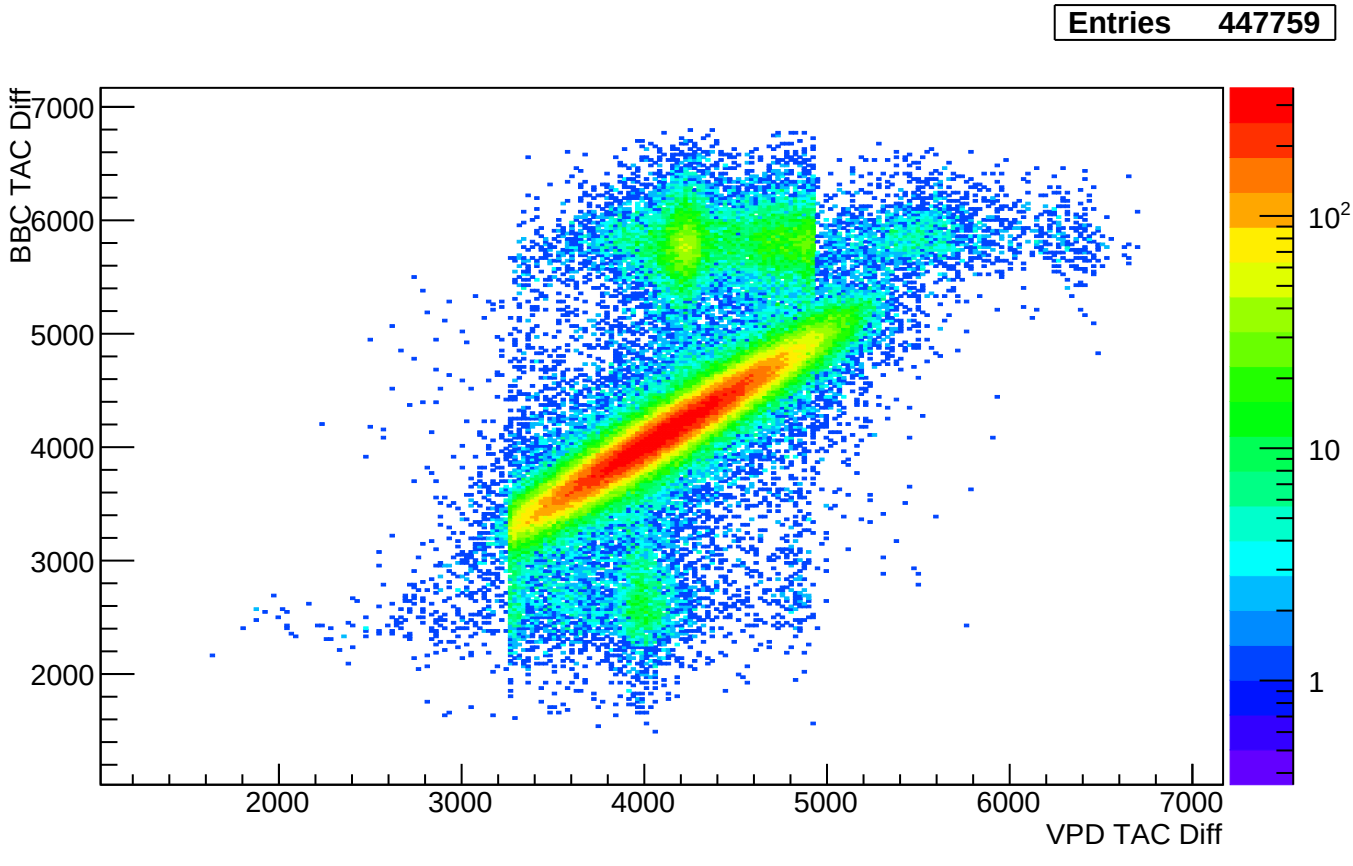

Entries 447759
TOF_Mult
EPD-East Hit Cnt

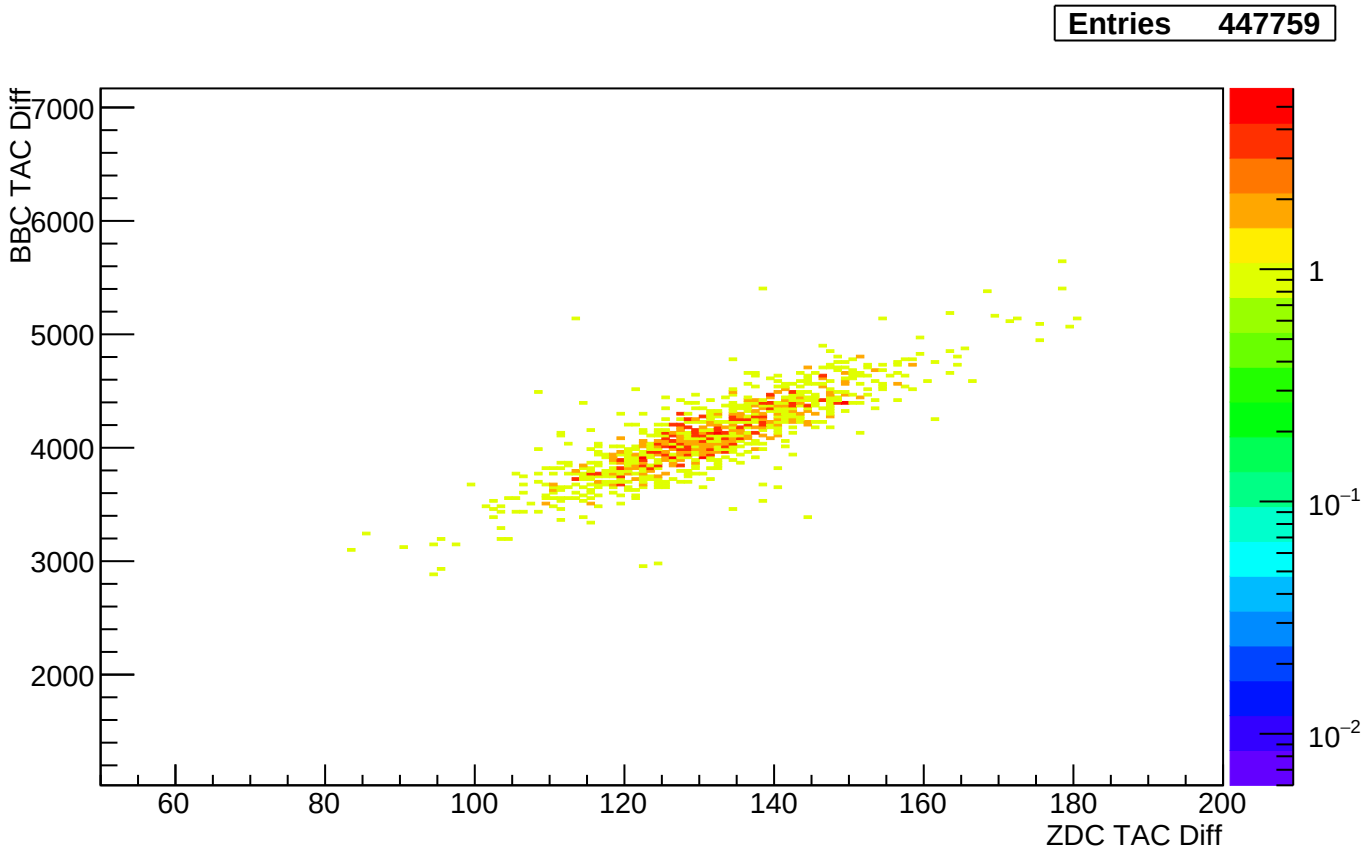

Entries 447759
TOF_Mult
EPD-West Hit Cnt

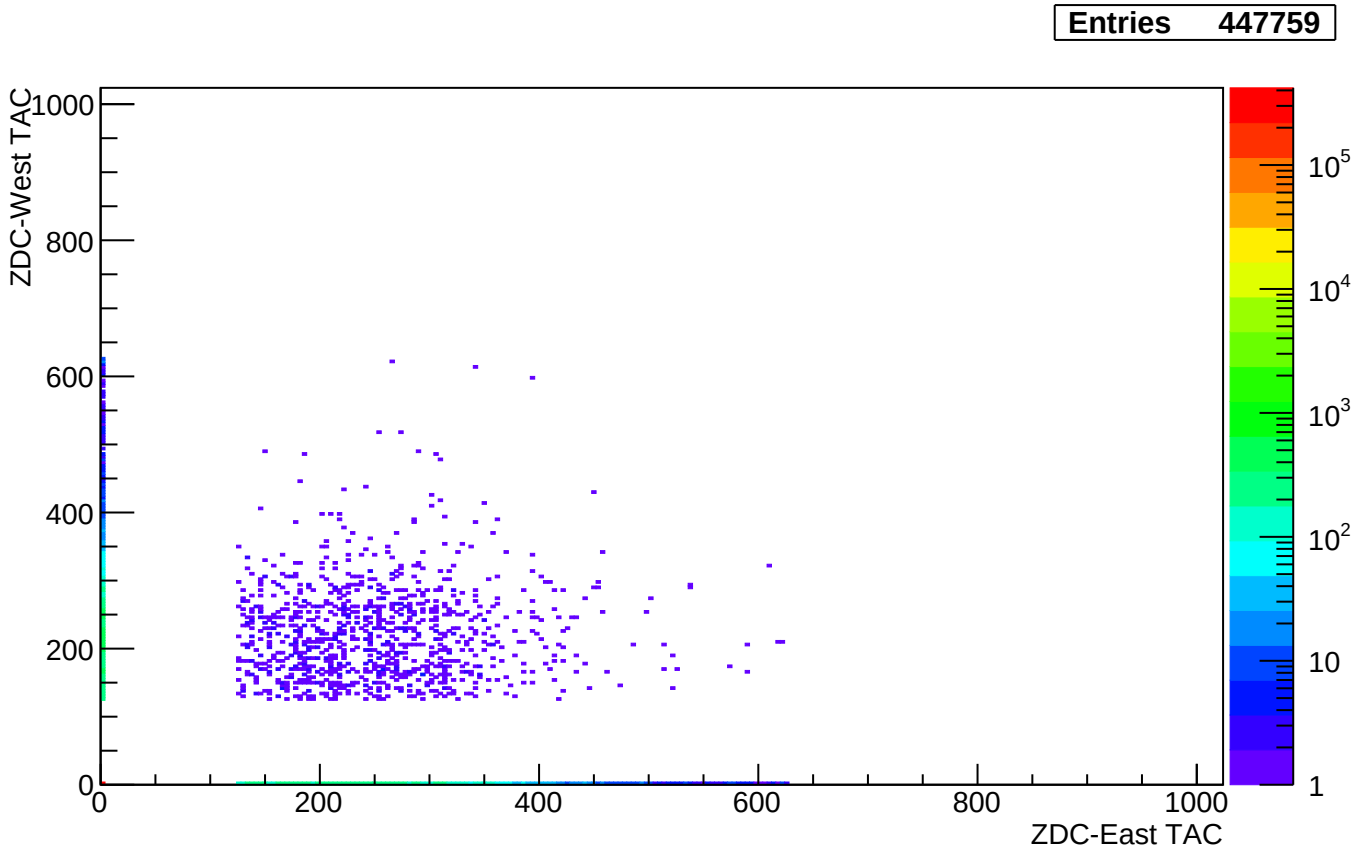

Entries 447759
TOF_Mult
VPD-East ADC Sum

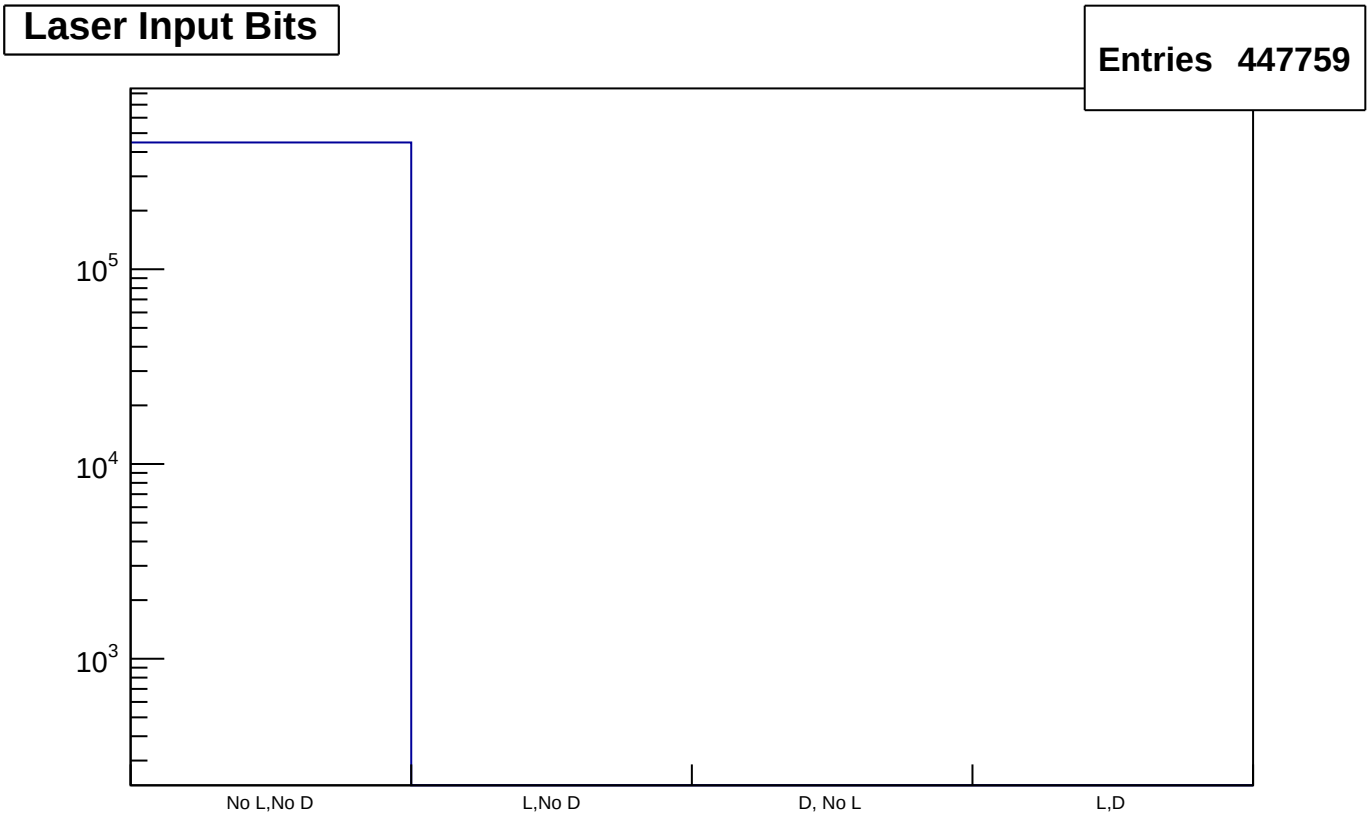

Entries 447759
TOF_Mult
VPD-West ADC Sum

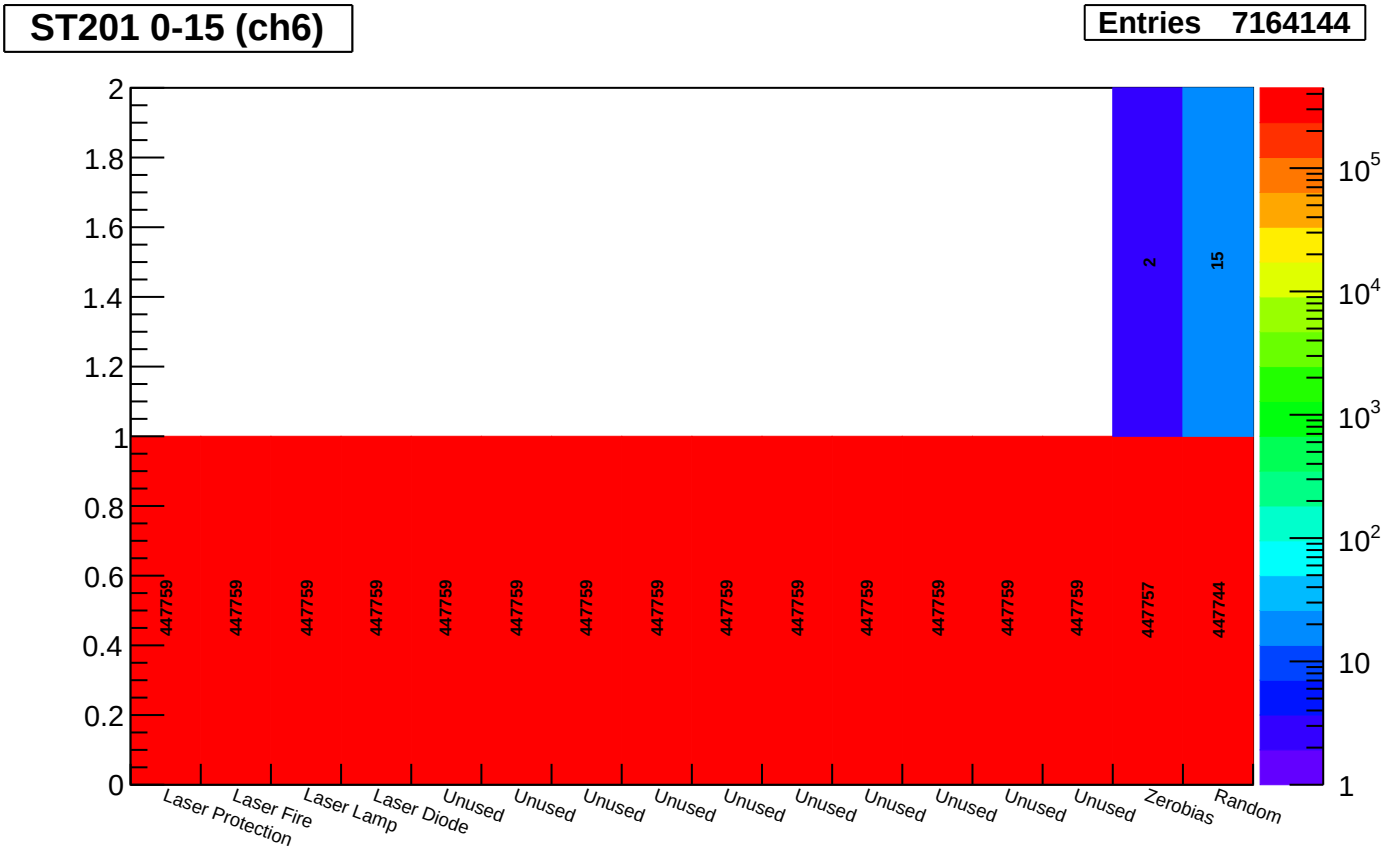

Entries 447759
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

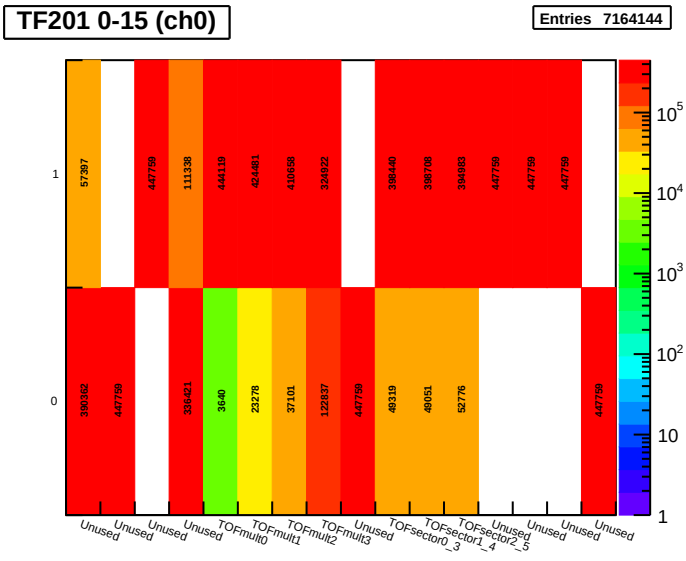

Entries 447759
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

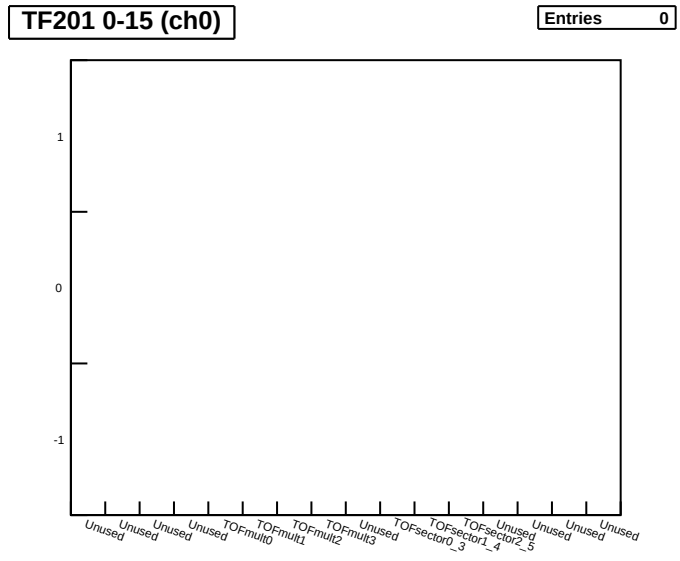

Entries 447759
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

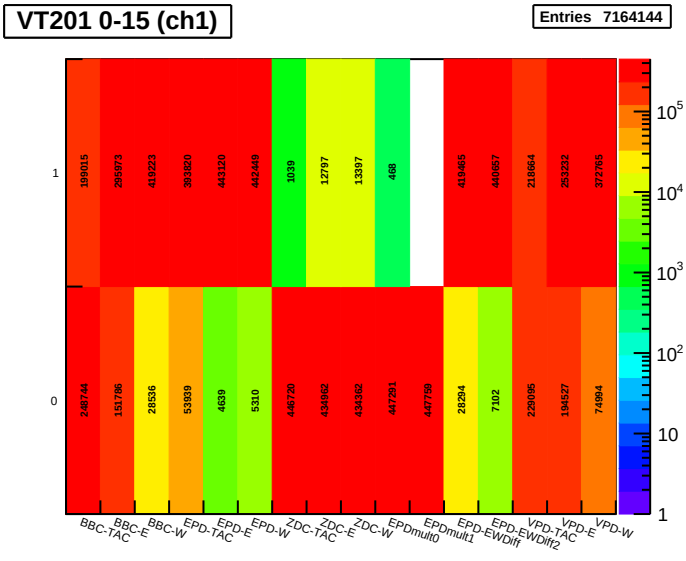

Entries 447759
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

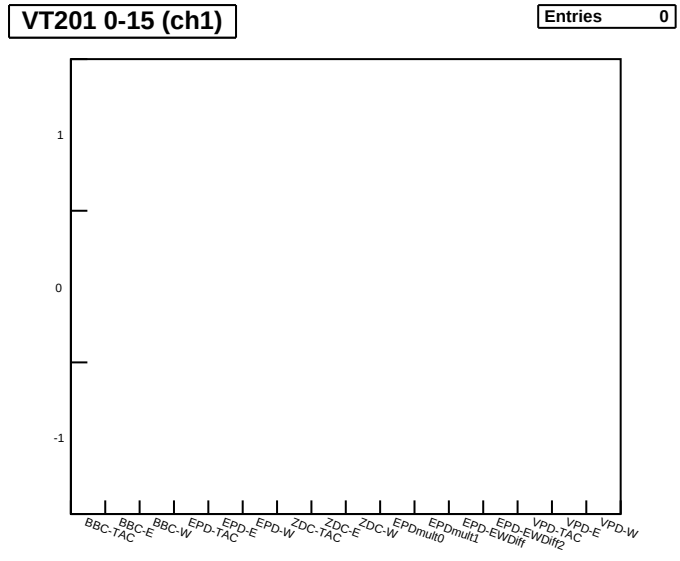

Laser Input Bits
Entries 447759
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

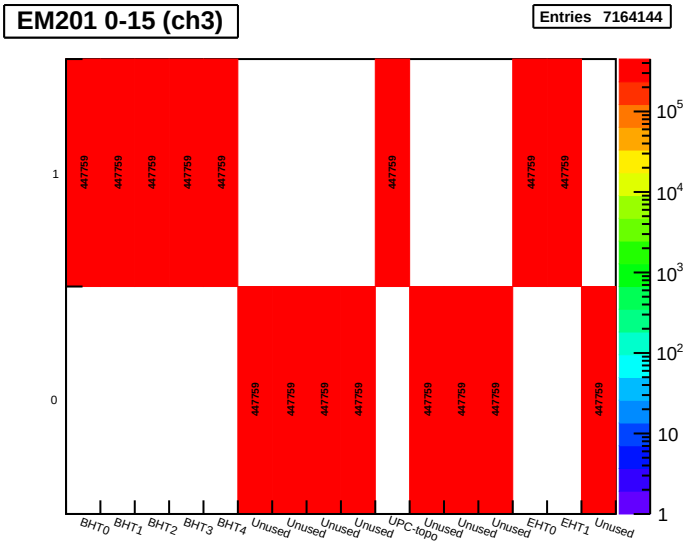

ST201 0-15 (ch6)
Entries 7164144
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
447759
447759
447759
447759
447759
447759
447759
447759
447759
447759
447759
447759
447759
447759
447757
447744
2
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

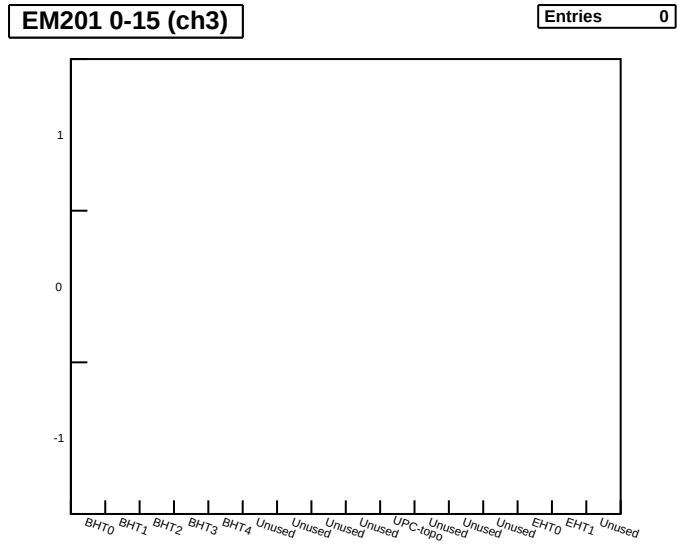

TF201 0-15 (ch0)
Entries 7164144
1
0
57397
447759
111338
444119
424481
410658
324922
398440
398708
394983
447759
447759
447759
390362
447759
336421
3640
23278
37101
122837
447759
49319
49051
52776
447759
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
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 7164144
1
0
199015
295973
419223
393820
443120
442449
1039
12797
13397
468
419465
440657
218664
253232
372765
248744
151786
28536
53939
4639
5310
446720
434962
434362
447291
447759
28294
7102
225095
194527
74994
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 7164144
1
0
447759
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