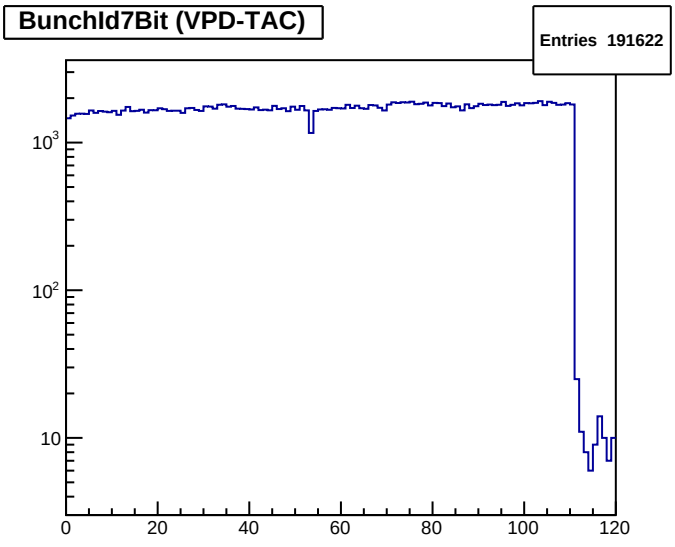
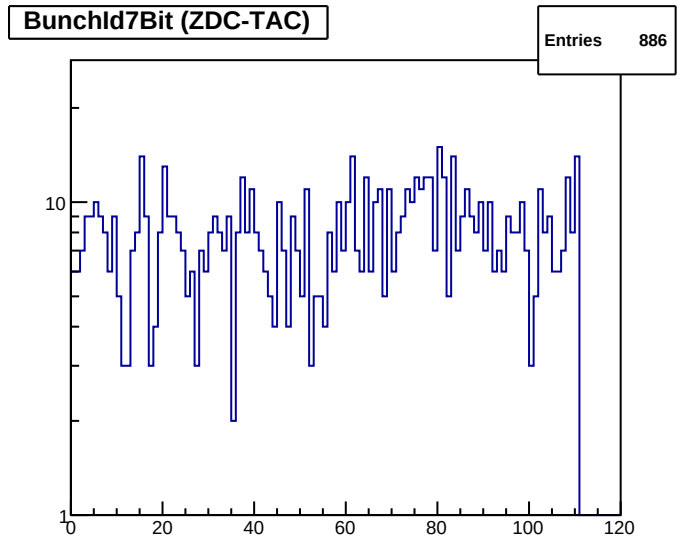
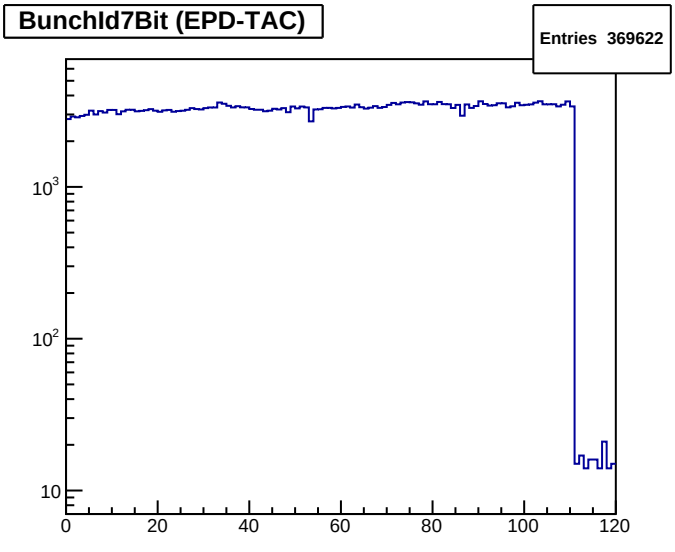
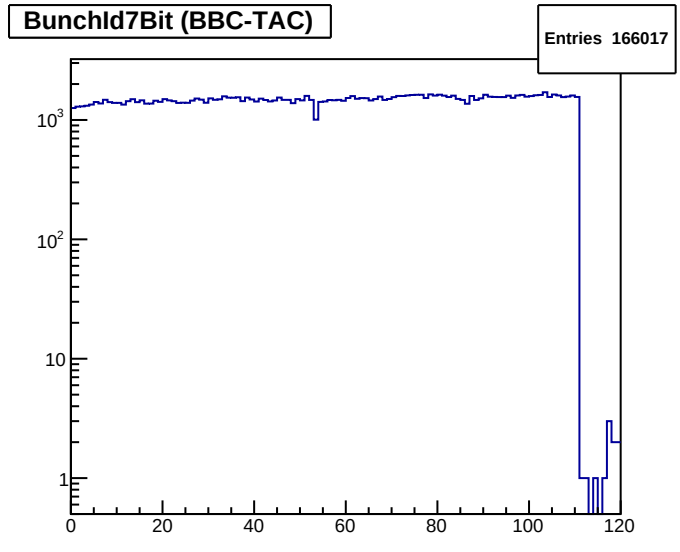
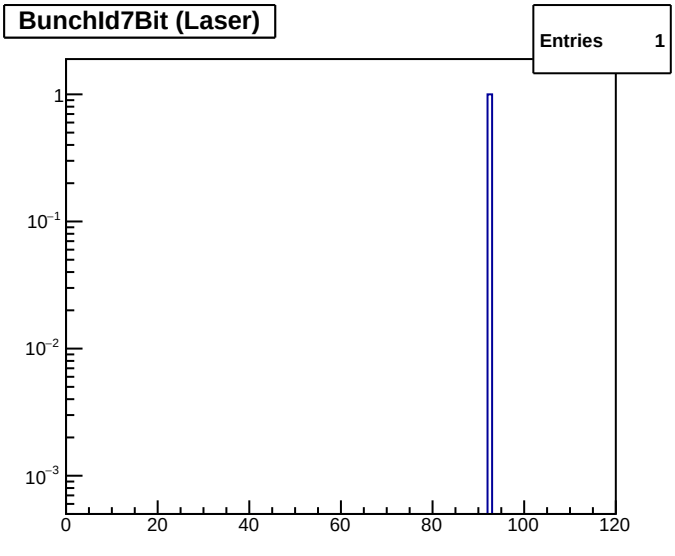
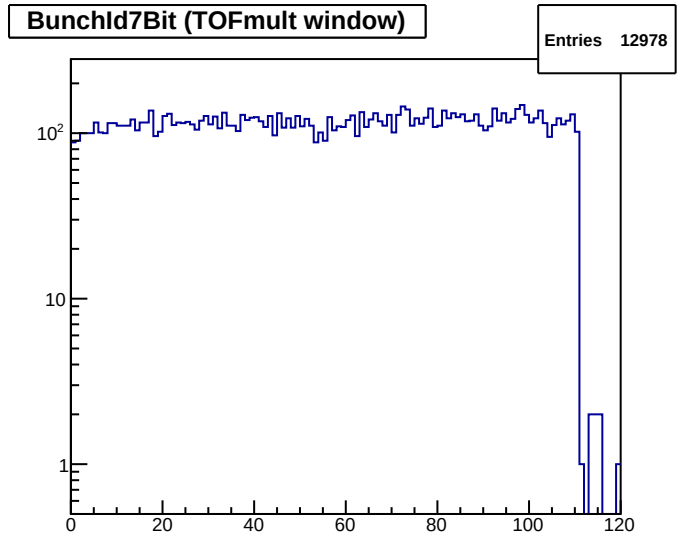

BunchId7Bit (VPD-TAC)
Entries 191622

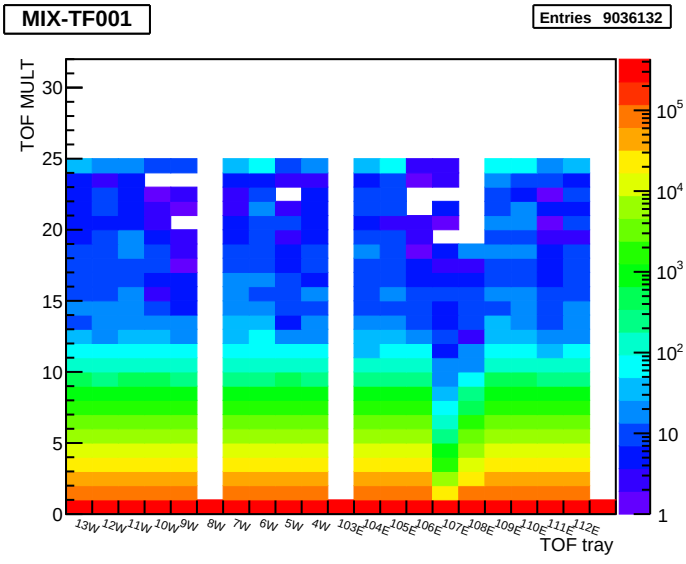

BunchId7Bit (ZDC-TAC)
Entries 886

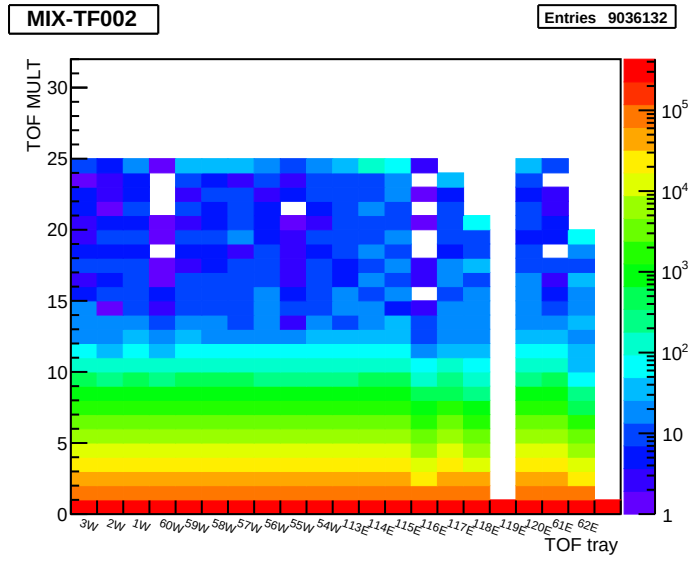

BunchId7Bit (EPD-TAC)
Entries 369622

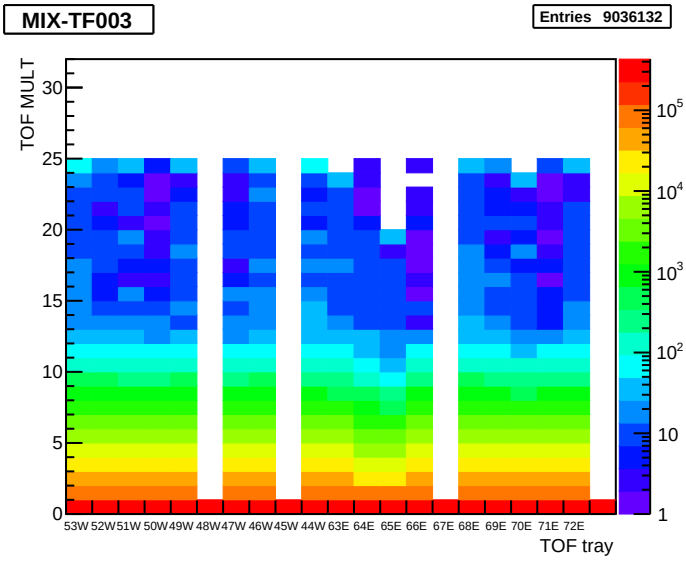

BunchId7Bit (BBC-TAC)
Entries 166017

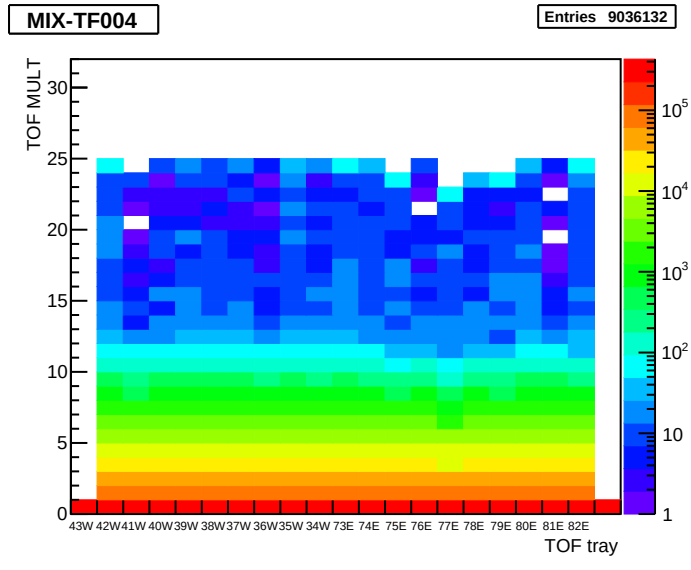

BunchId7Bit (Laser)
Entries 1

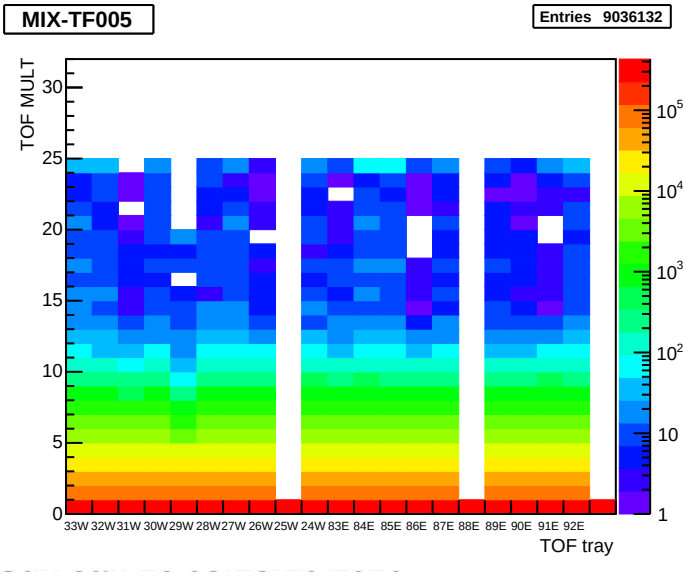

BunchId7Bit (TOFmult window)
Entries 12978

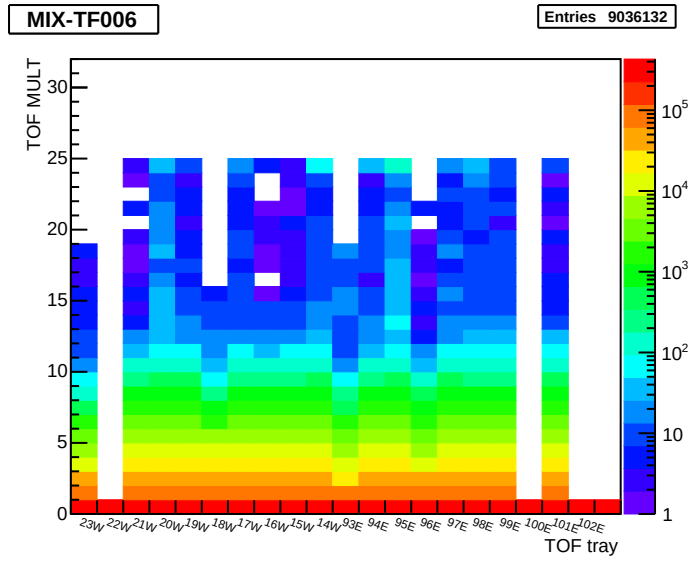

MIX-TF001
Entries 9036132
TOF MULT
TOF tray

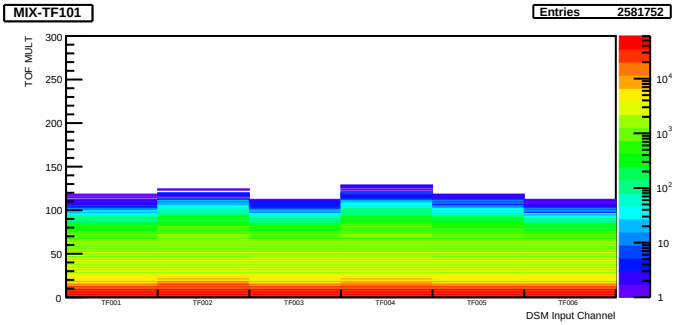

MIX-TF002
Entries 9036132
TOF MULT
TOF tray

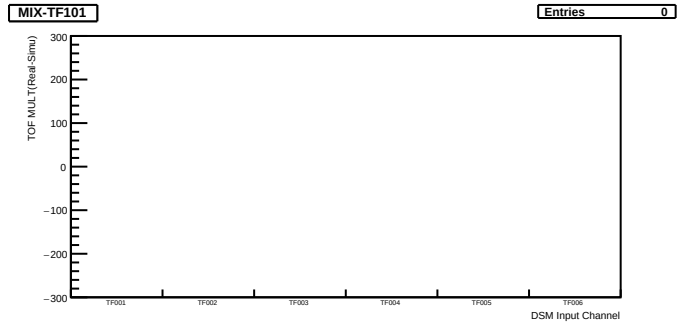

MIX-TF003
Entries 9036132
TOF MULT
TOF tray

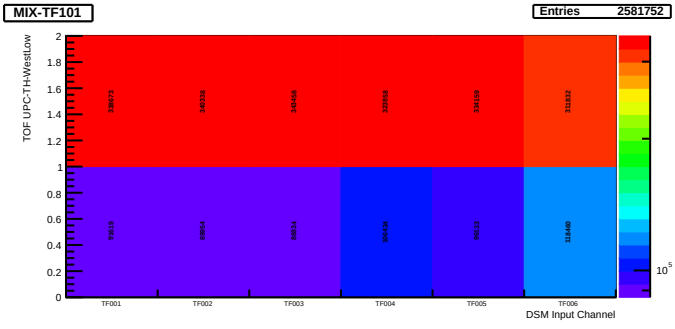

MIX-TF004
Entries 9036132
TOF MULT
TOF tray

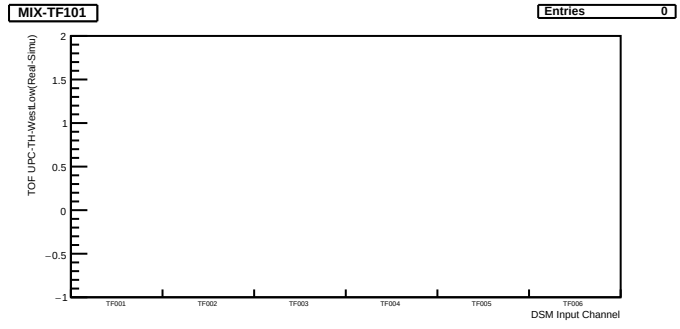

MIX-TF005
Entries 9036132
TOF MULT
TOF tray

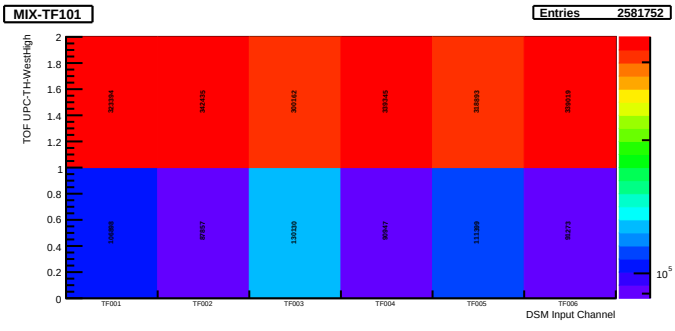

MIX-TF006
Entries 9036132
TOF MULT
TOF tray

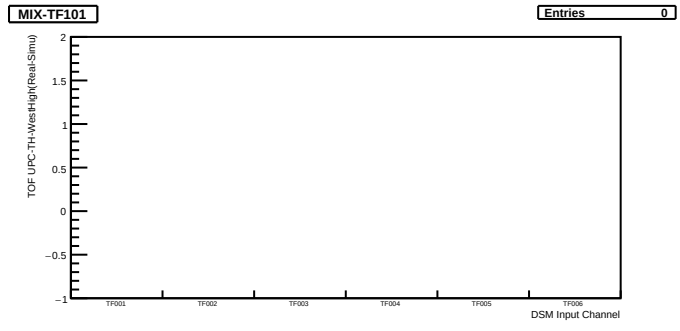

MIX-TF101
Entries 2581752
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

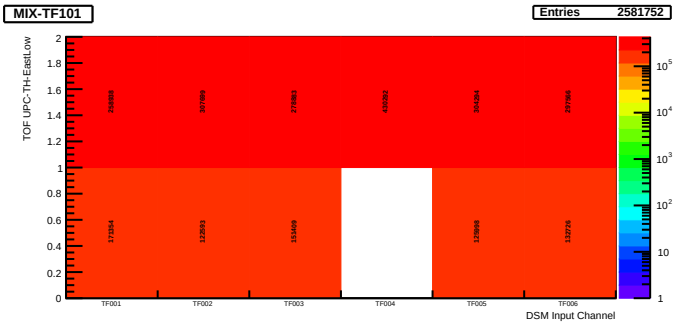

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

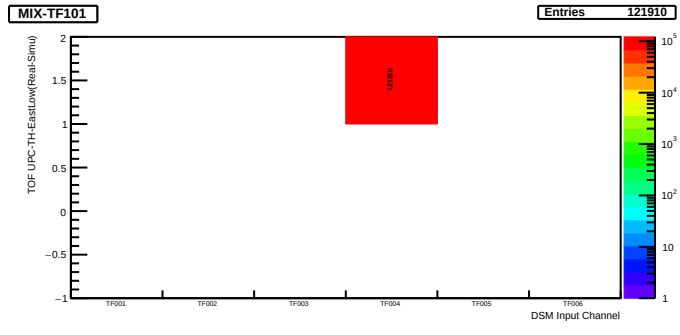

MIX-TF101
Entries 2581752
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

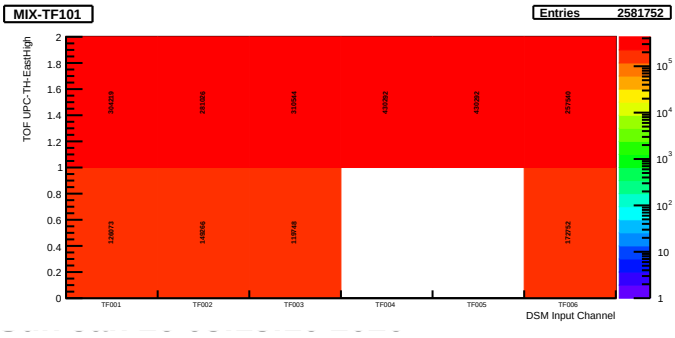

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

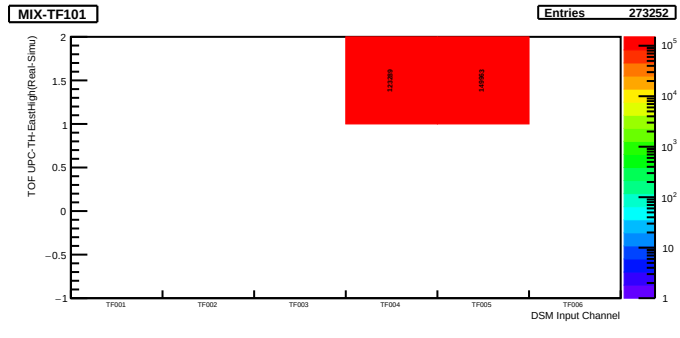

MIX-TF101
Entries 2581752
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

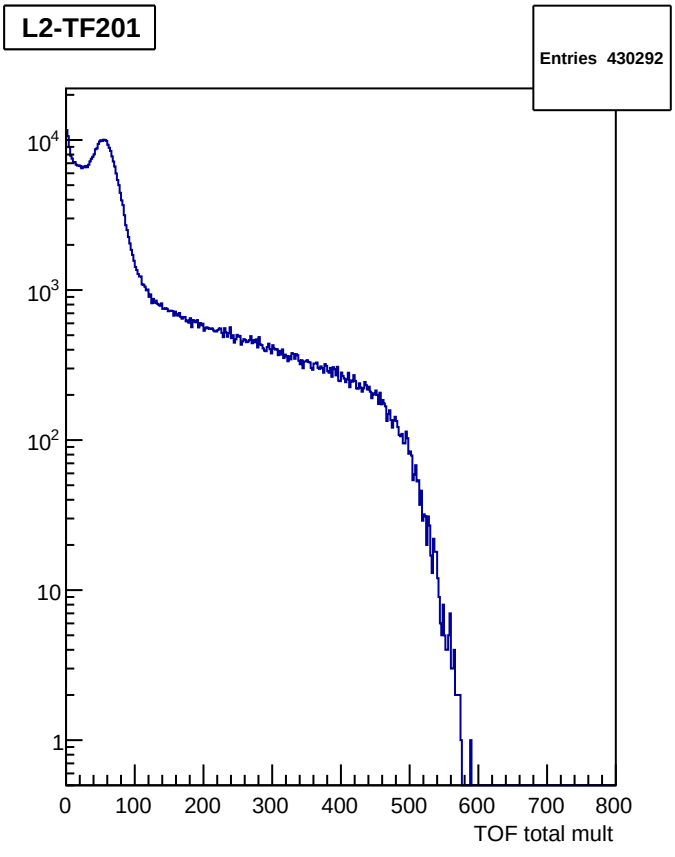

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

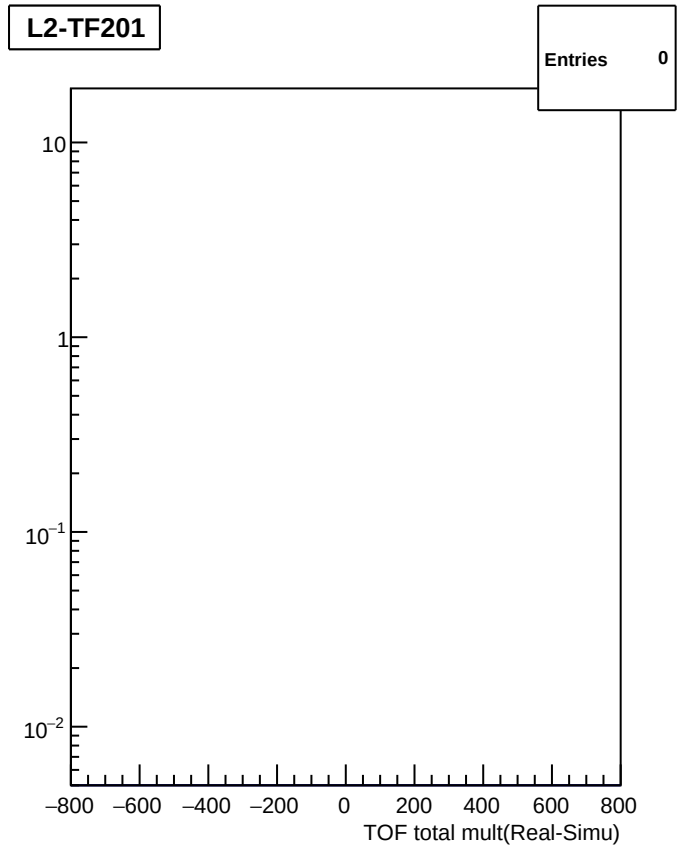

MIX-TF101
Entries 2581752
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

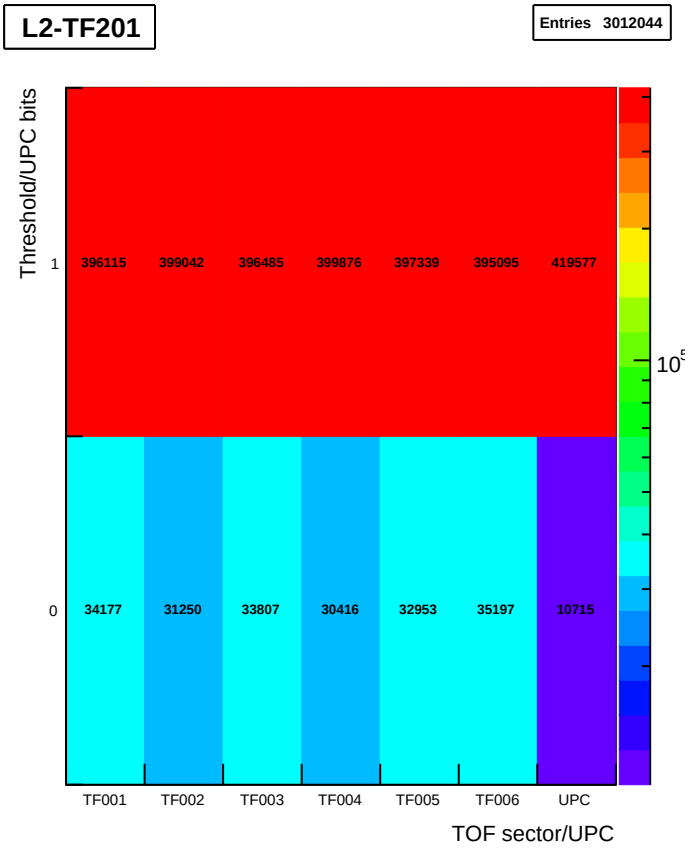

MIX-TF101
Entries 121910
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

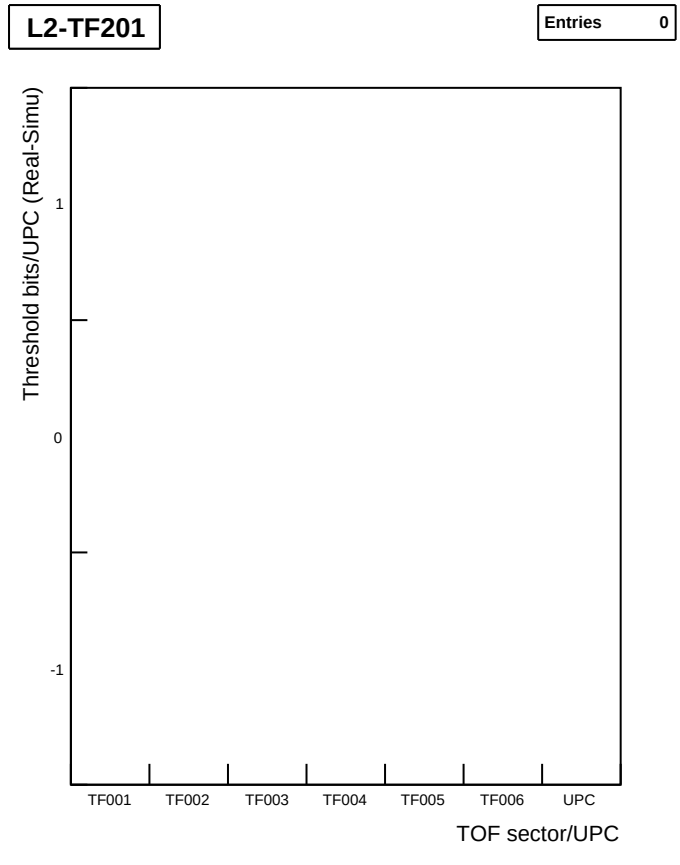

MIX-TF101
Entries 2581752
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

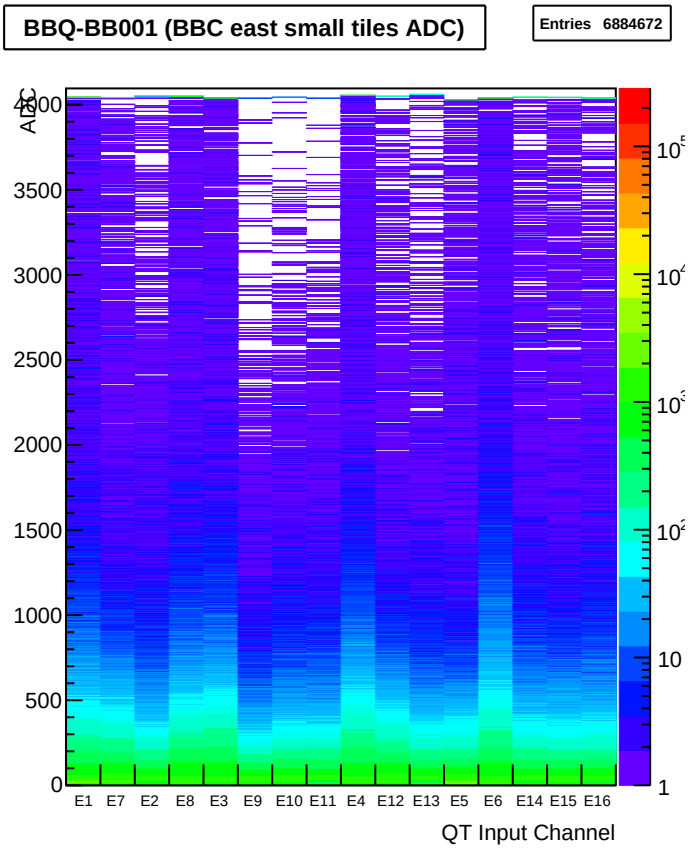

MIX-TF101
Entries 273252
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

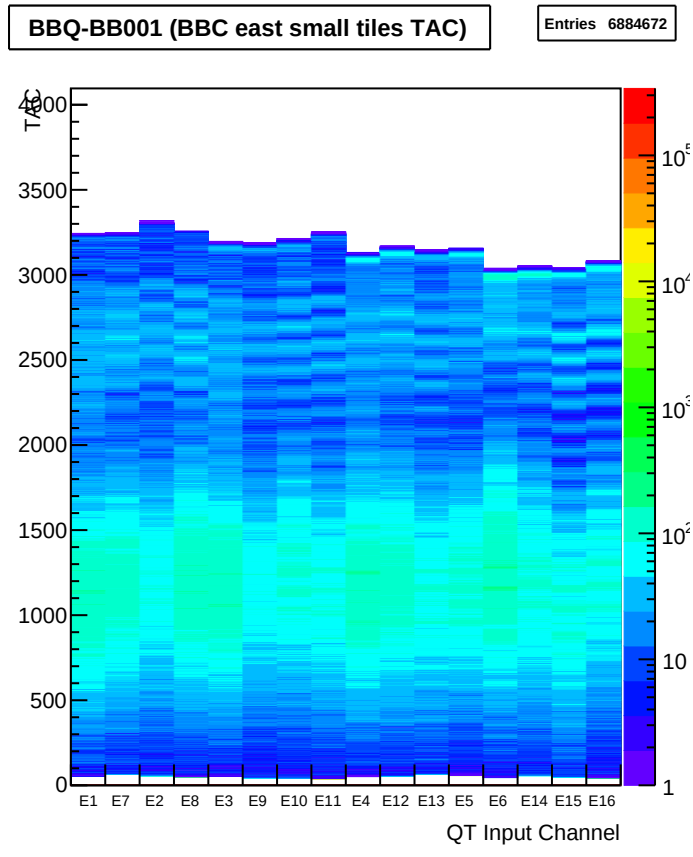

L2-TF201
Entries 430292
TOF total mult

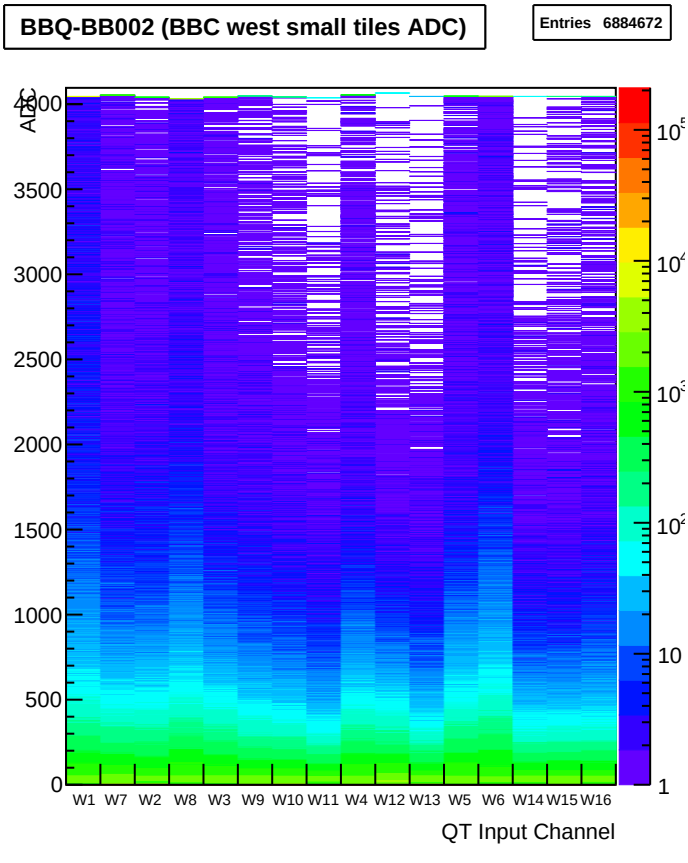

L2-TF201
Entries 0
TOF total mult(Real-Simu)

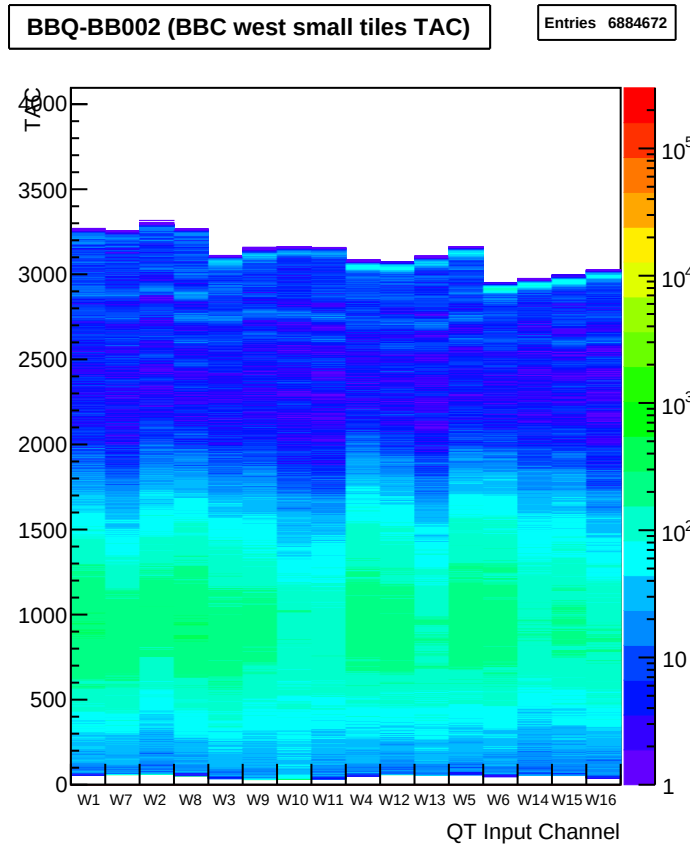

L2-TF201
Entries 3012044
Threshold/UPC bits
396115
399042
396485
399876
397339
395095
419577
34177
31250
33807
30416
32953
35197
10715
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

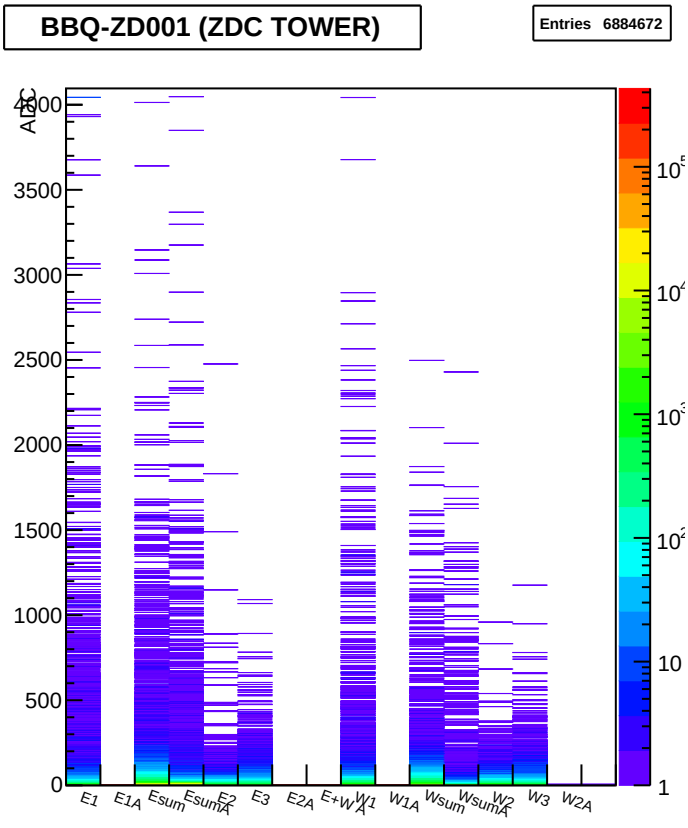

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

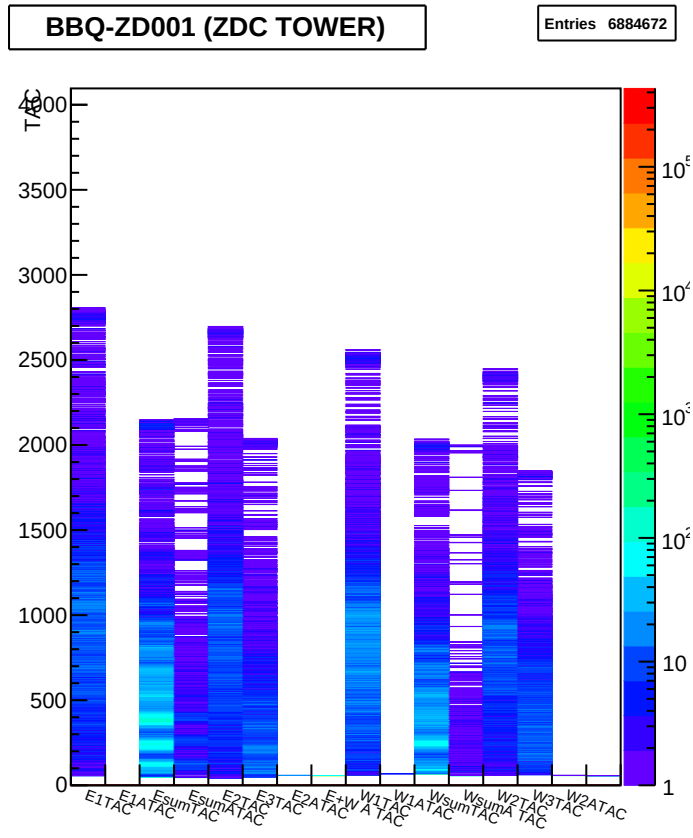

BBQ-BB001 (BBC east small tiles ADC)
Entries 6884672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

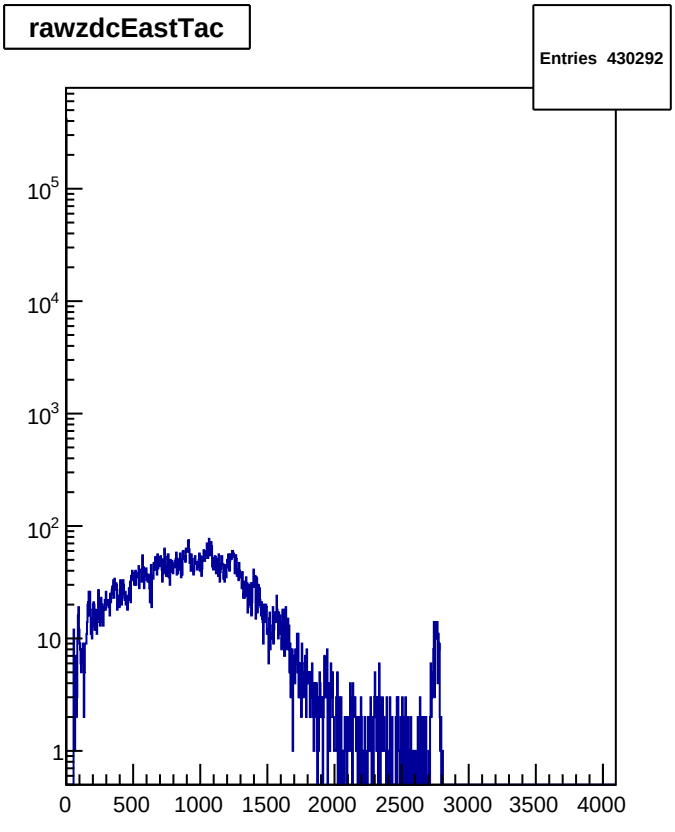

BBQ-BB001 (BBC east small tiles TAC)
Entries 6884672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

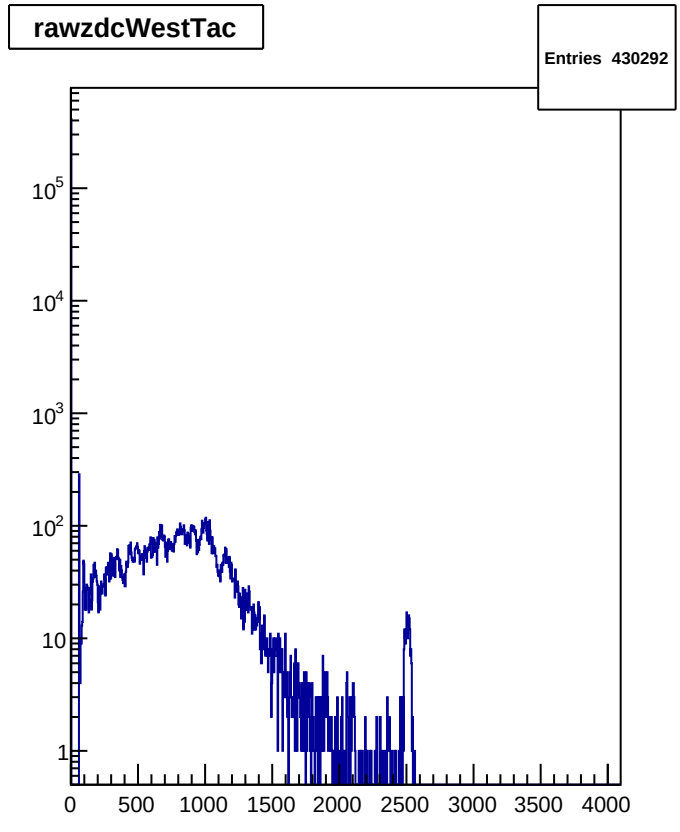

BBQ-BB002 (BBC west small tiles ADC)
Entries 6884672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

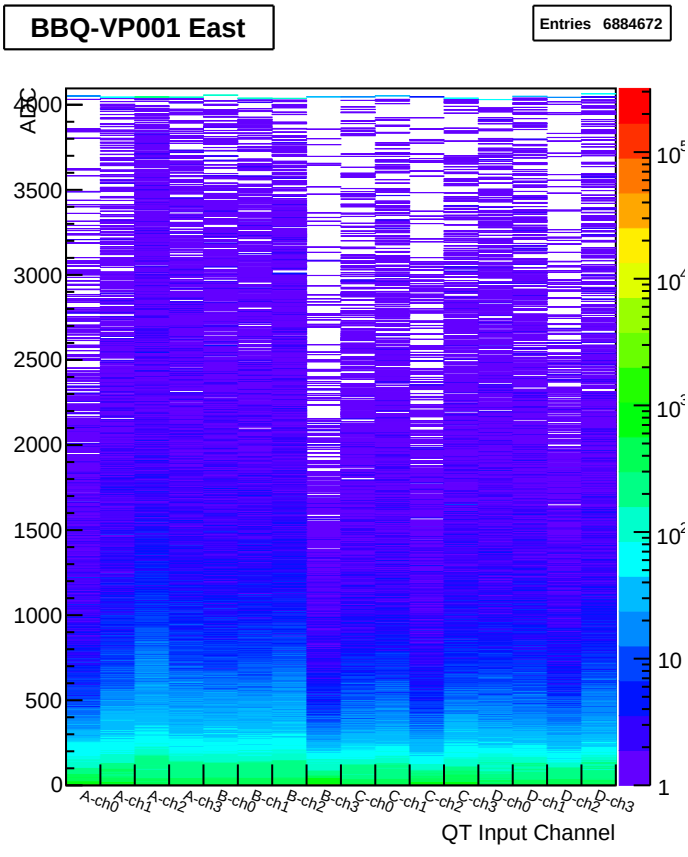

BBQ-BB002 (BBC west small tiles TAC)
Entries 6884672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

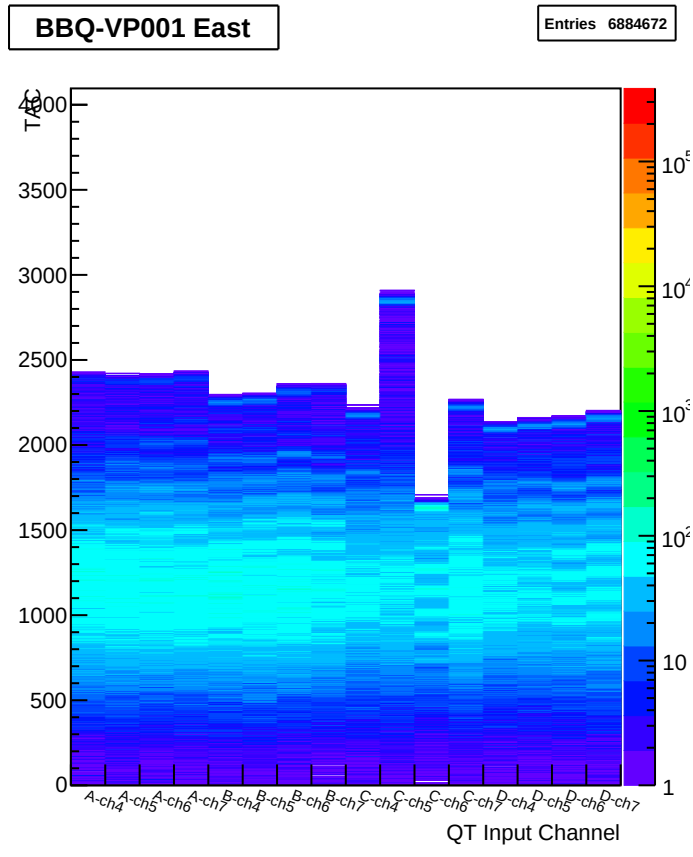

BBQ-ZD001 (ZDC TOWER)
Entries 6884672
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

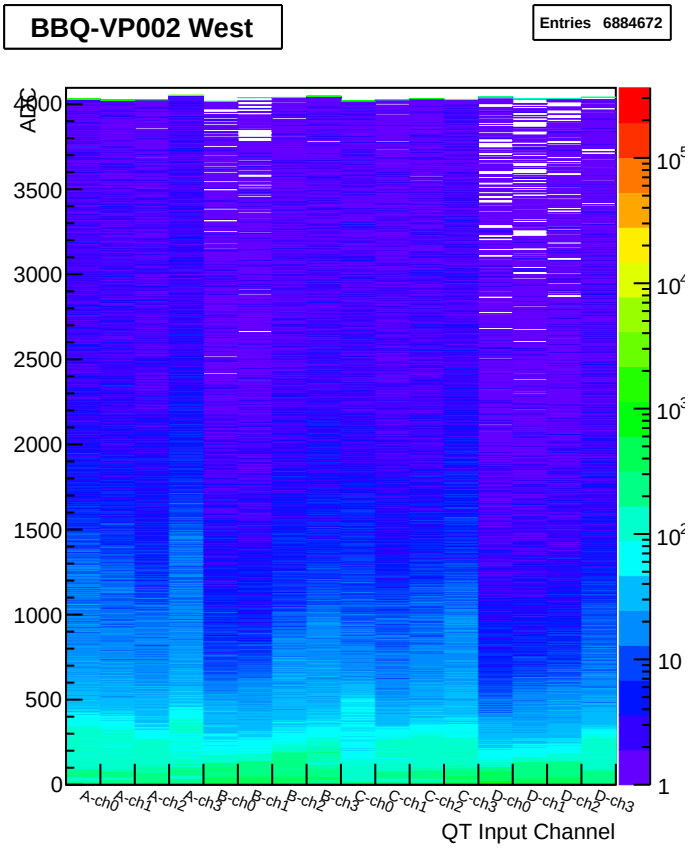

BBQ-ZD001 (ZDC TOWER)
Entries 6884672
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

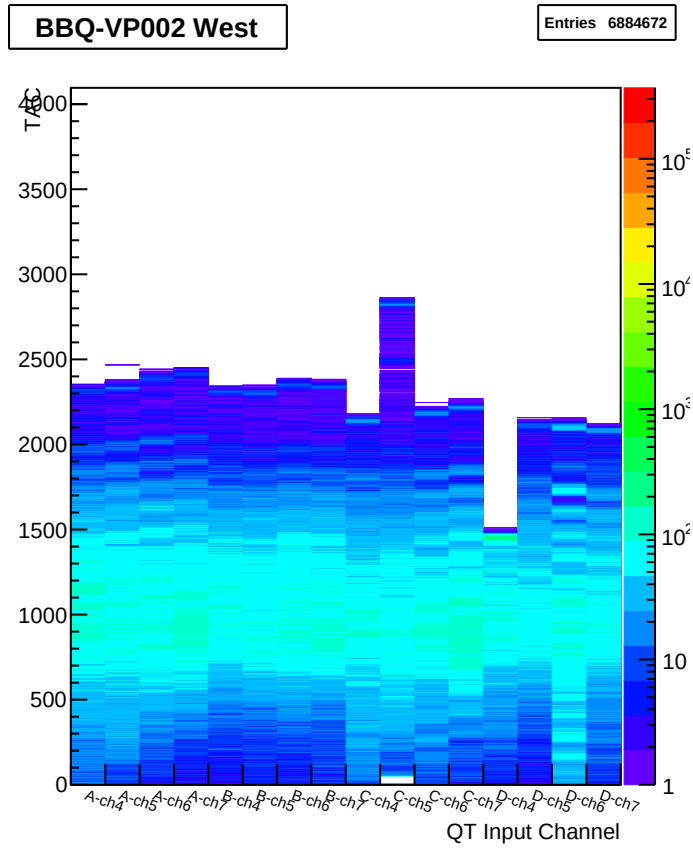

rawzdcEastTac
Entries 430292

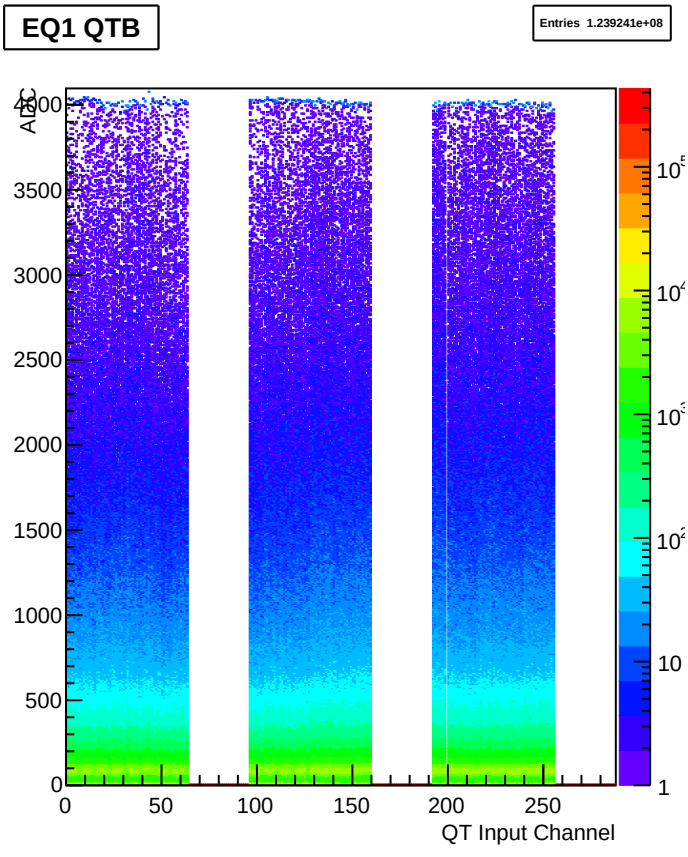

rawzdcWestTac
Entries 430292

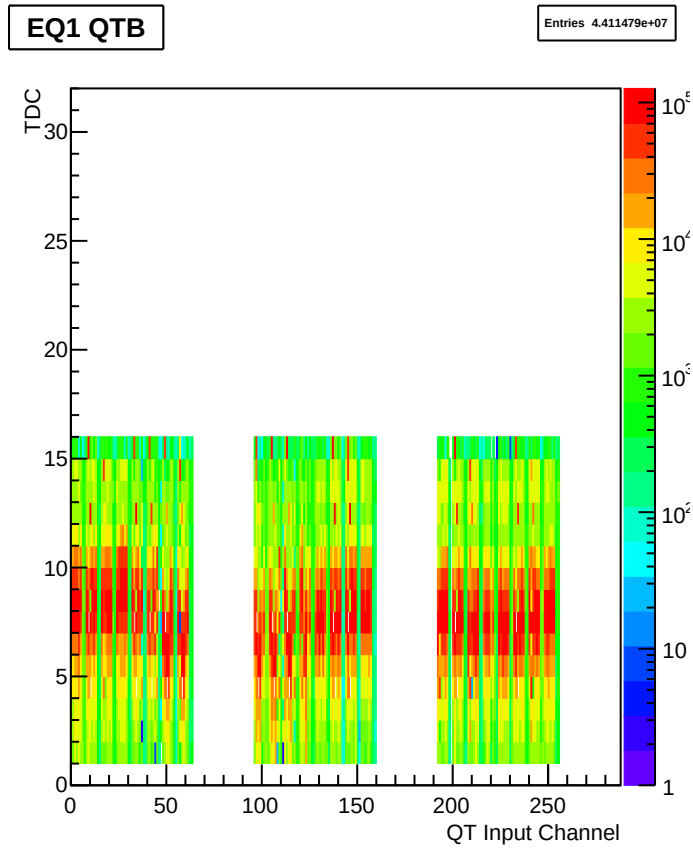

BBQ-VP001 East
Entries 6884672
ADC
QT Input Channel

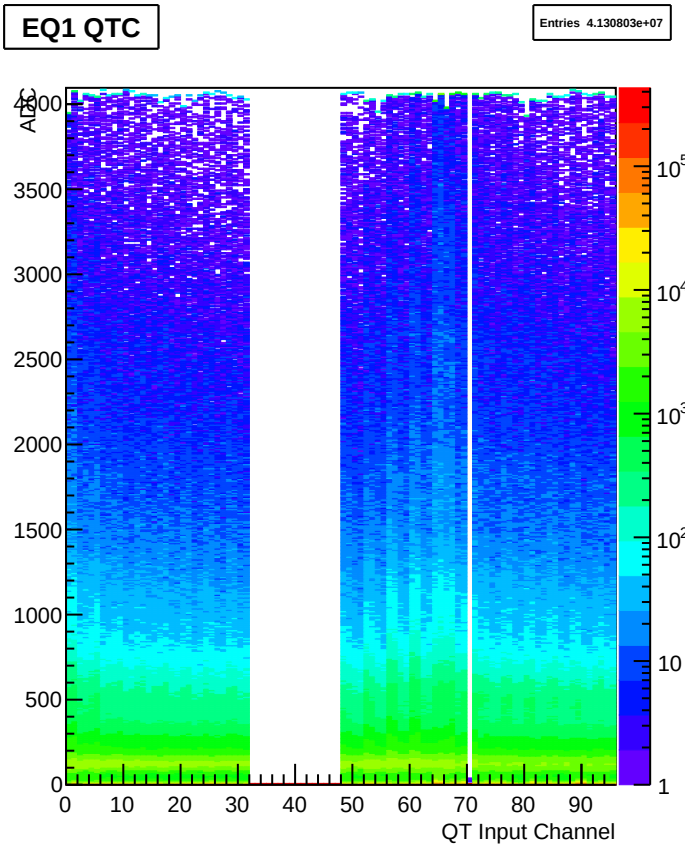

BBQ-VP001 East
Entries 6884672
TADC
QT Input Channel

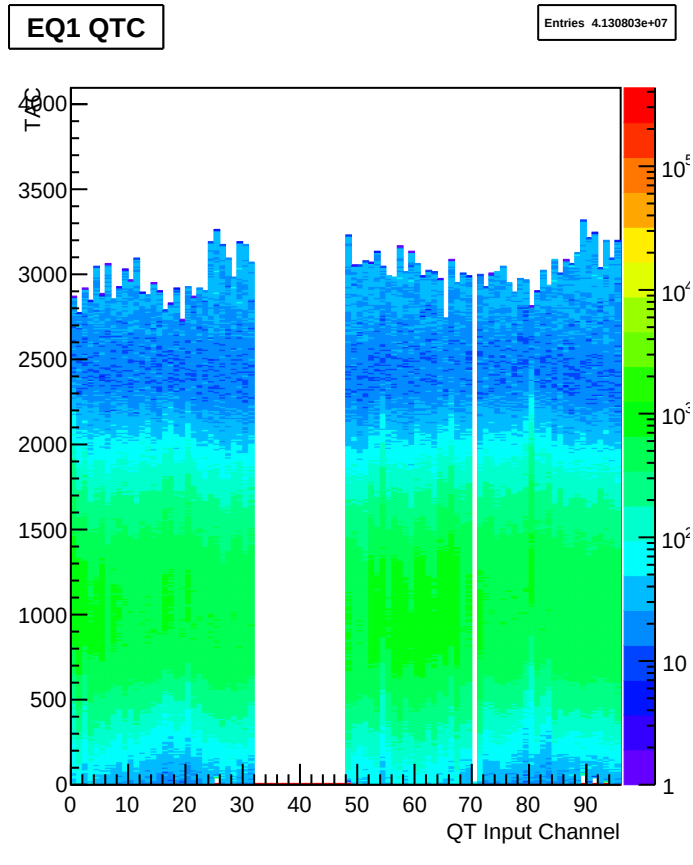

BBQ-VP002 West
Entries 6884672
ADC
QT Input Channel

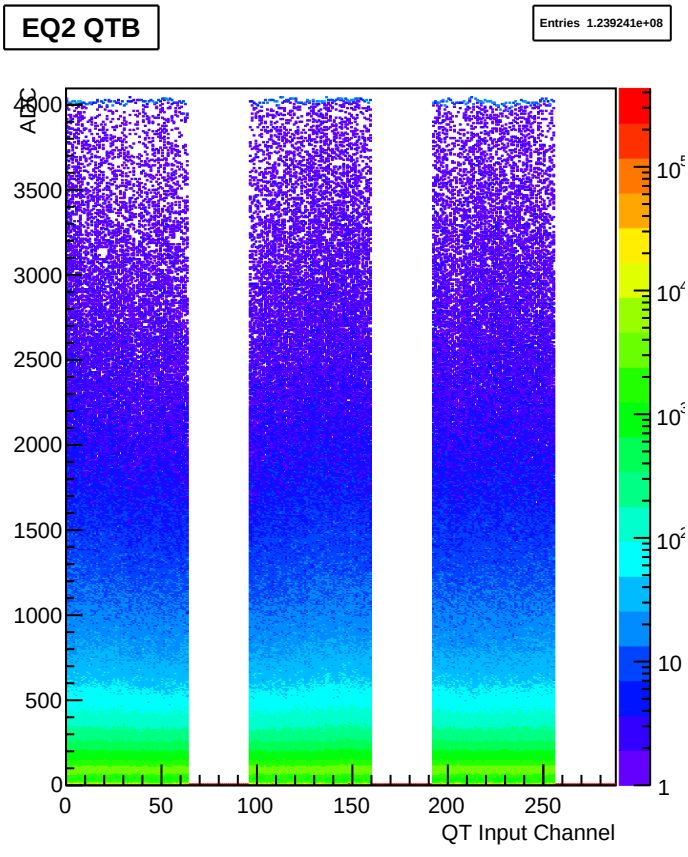

BBQ-VP002 West
Entries 6884672
TADC
QT Input Channel

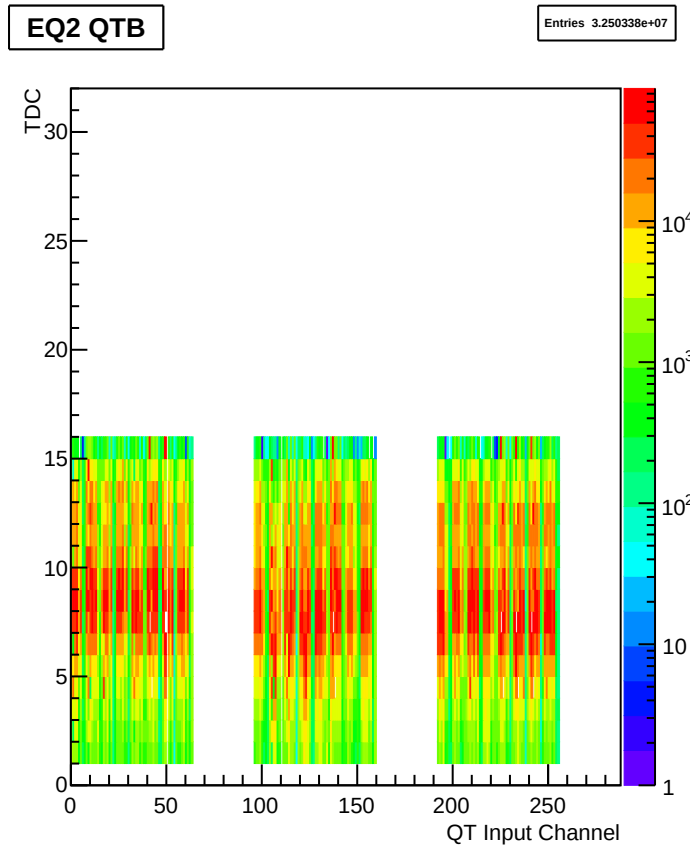

EQ1 QTB
Entries 1.239241e+08
ADC
QT Input Channel

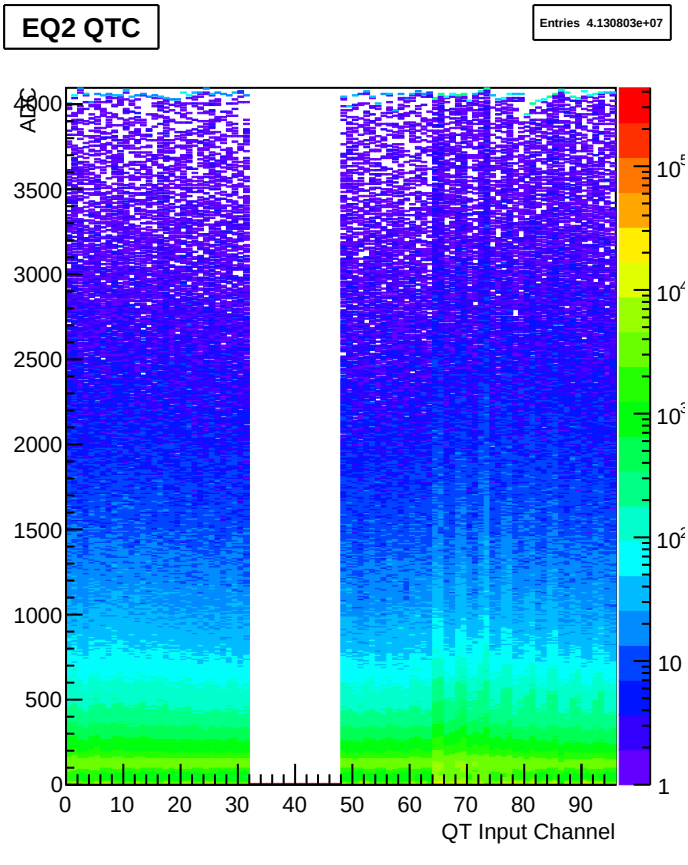

EQ1 QTB
Entries 4.411479e+07
TDC
QT Input Channel

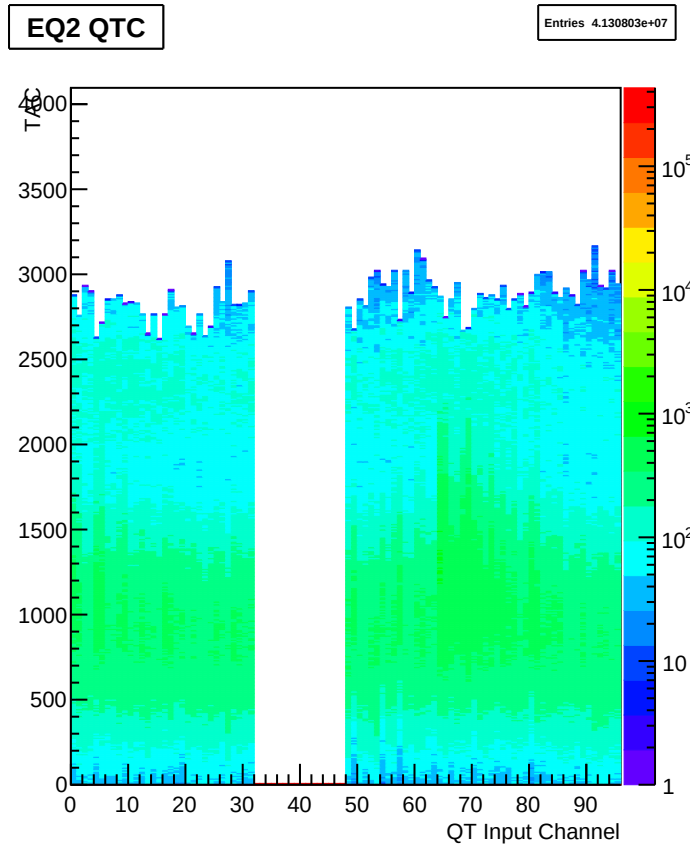

EQ1 QTC
Entries 4.130803e+07
ADC
QT Input Channel

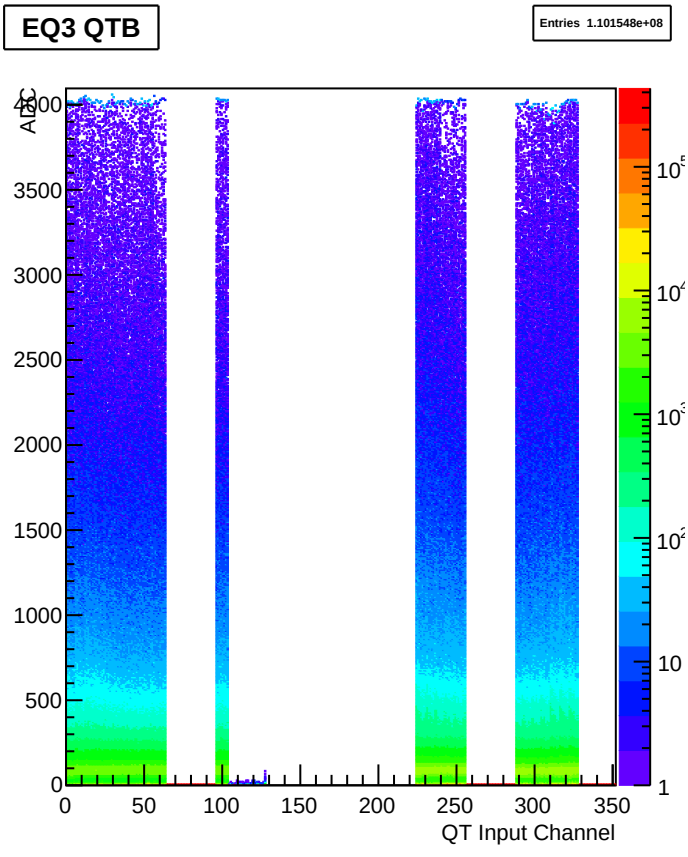

EQ1 QTC
Entries 4.130803e+07
TADC
QT Input Channel

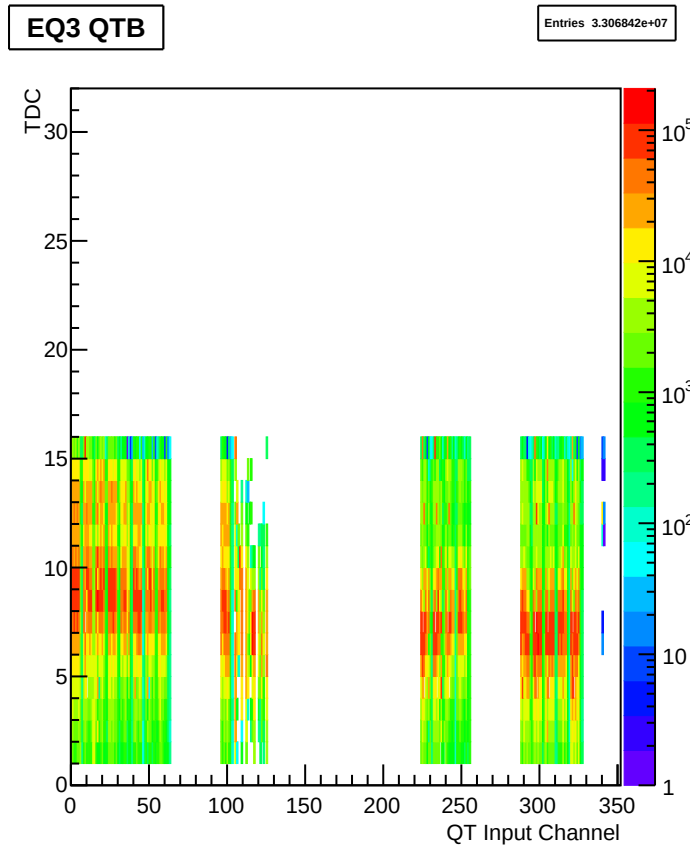

EQ2 QTB
Entries 1.239241e+08
ADC
QT Input Channel

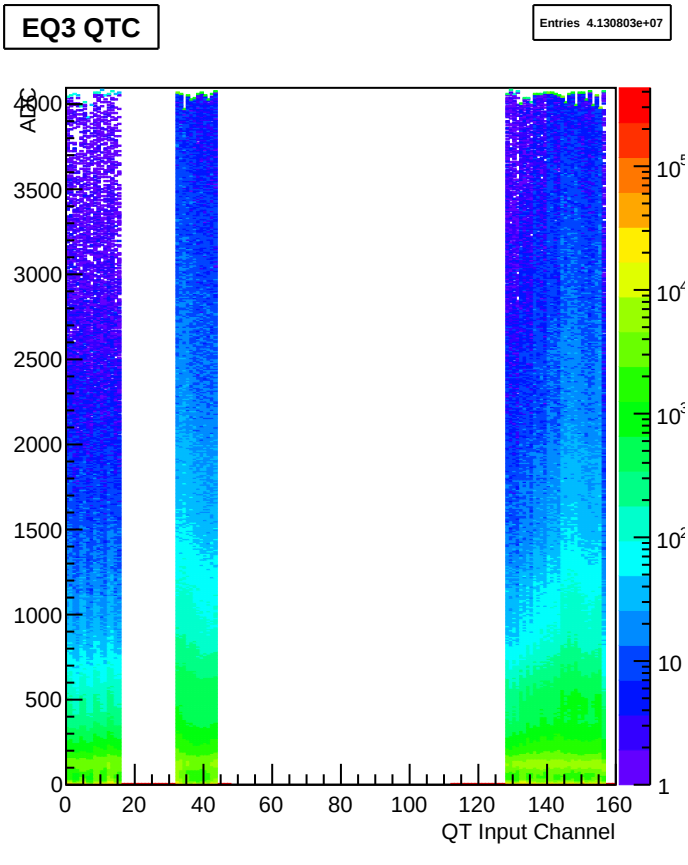

EQ2 QTB
Entries 3.250338e+07
TDC
QT Input Channel

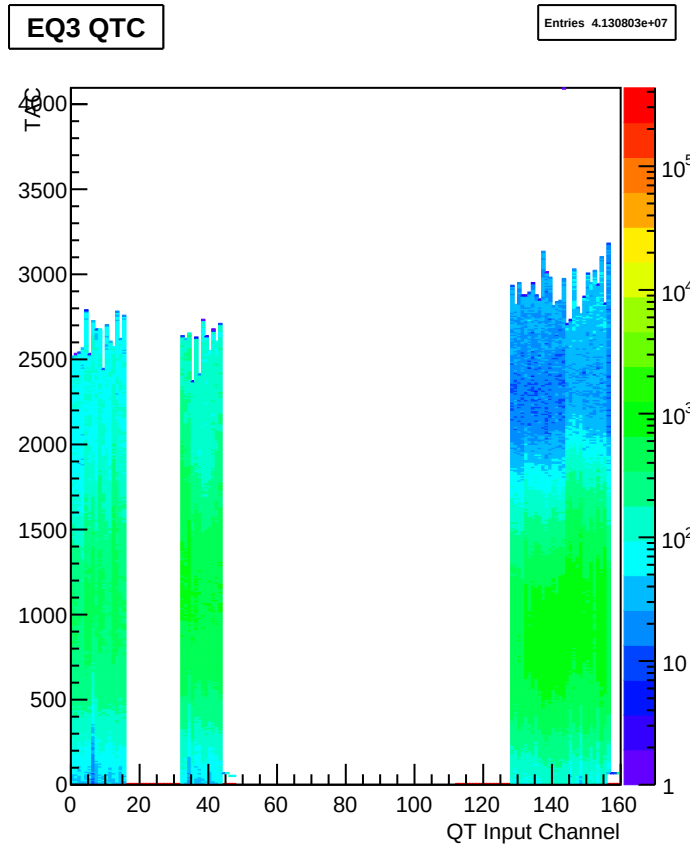

EQ2 QTC
Entries 4.130803e+07
ADC
QT Input Channel

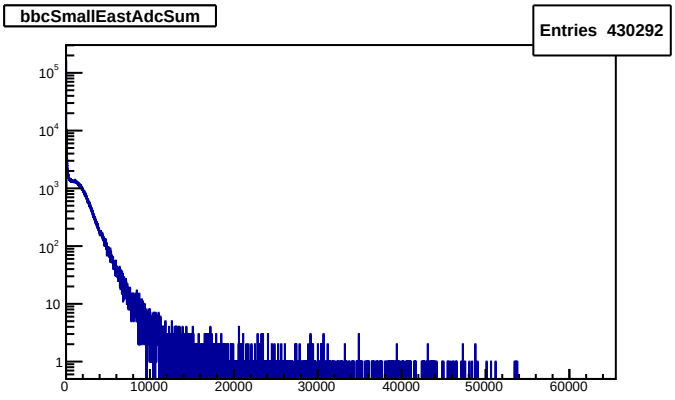

EQ2 QTC
Entries 4.130803e+07
TADC
QT Input Channel

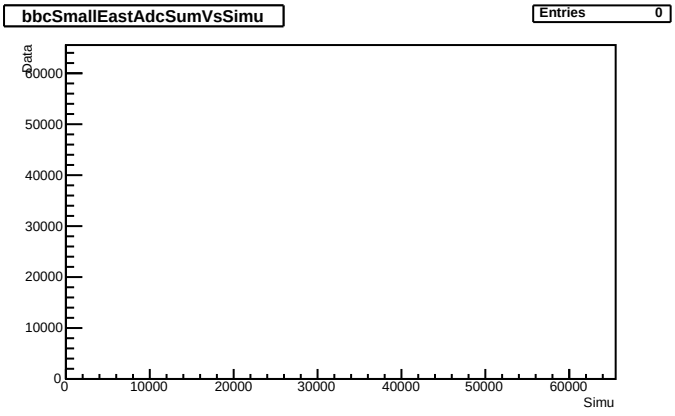

EQ3 QTB
Entries 1.101548e+08
ADC
QT Input Channel

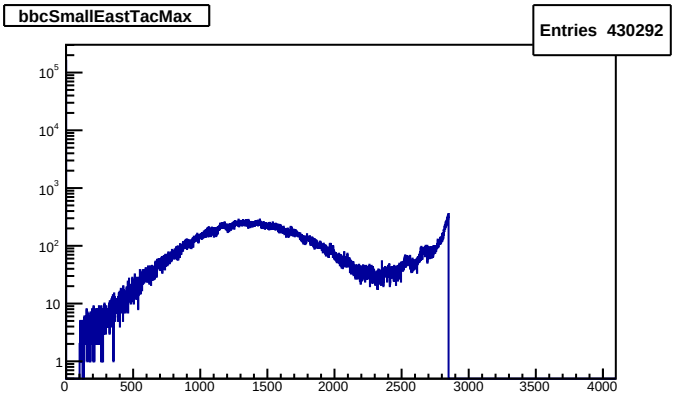

EQ3 QTB
Entries 3.306842e+07
TDC
QT Input Channel

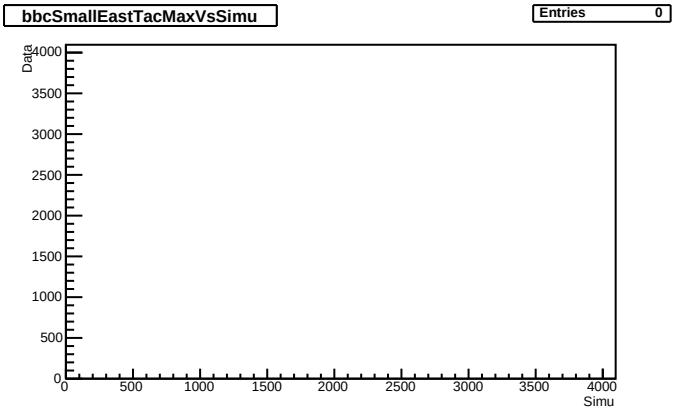

EQ3 QTC
Entries 4.130803e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.130803e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 430292


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 430292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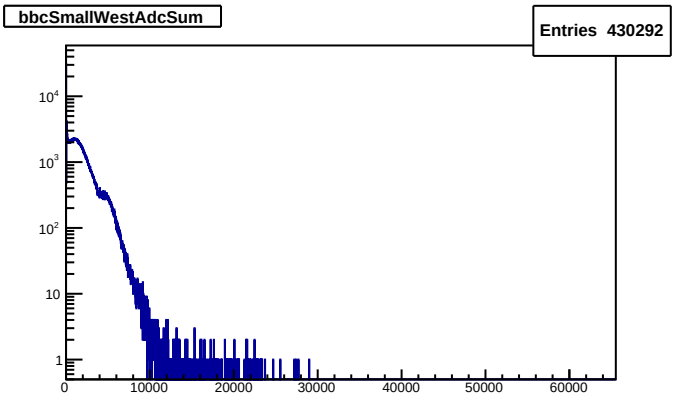
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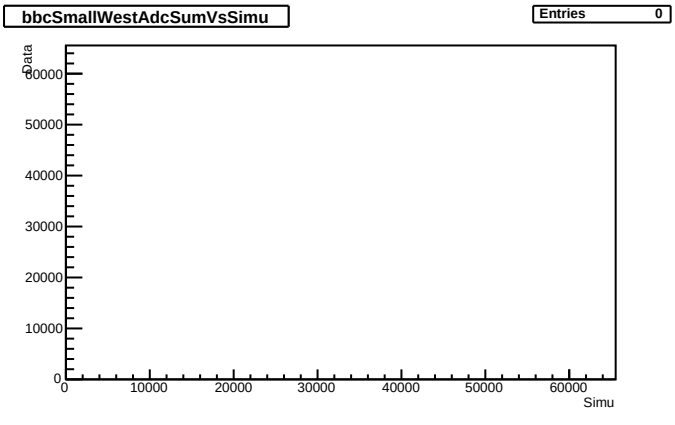
Entries 430292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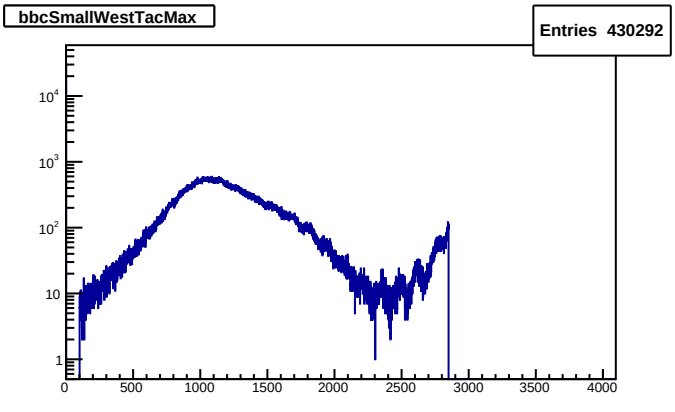
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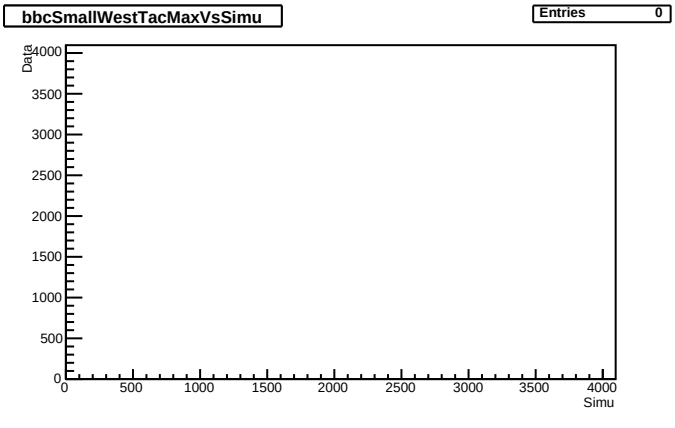
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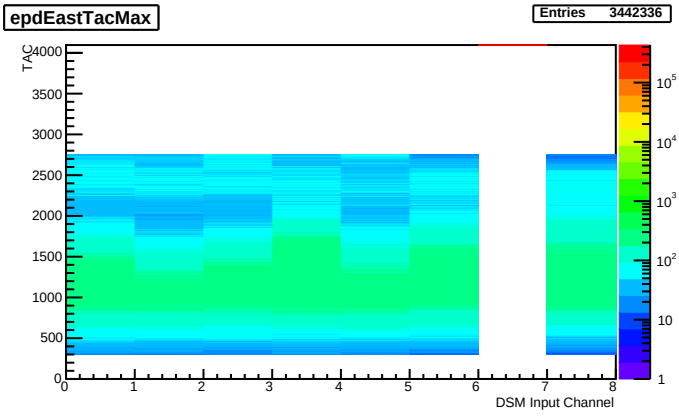
Entries 0
Data
Simu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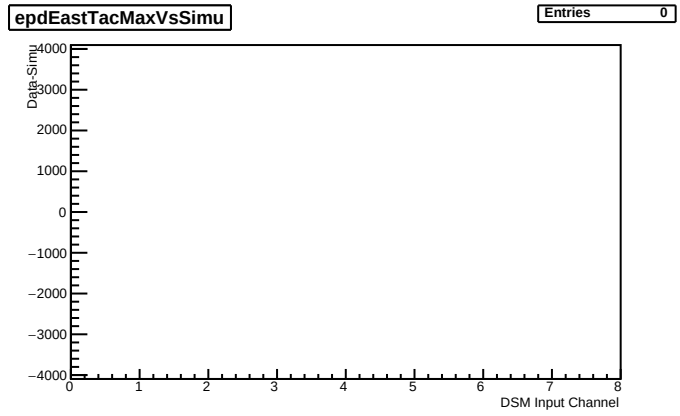
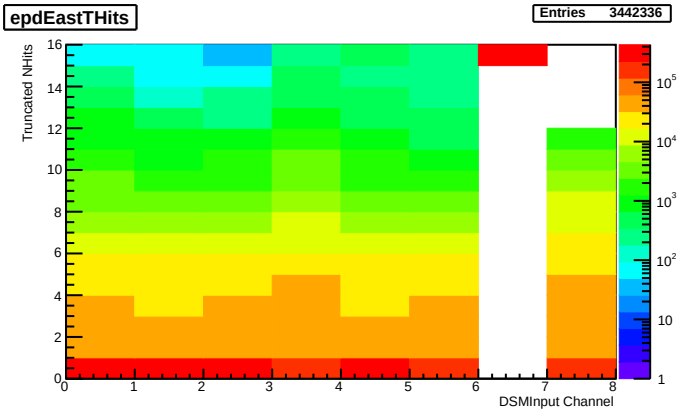
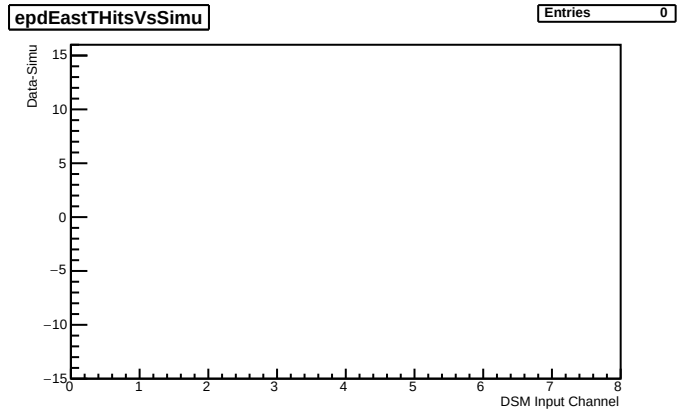
Entries 3442336
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3442336
Truncated NHits
DSMInput Channel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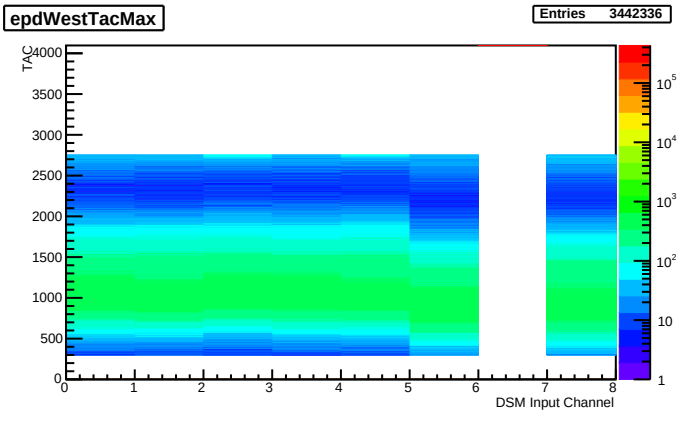
DSM Input Channel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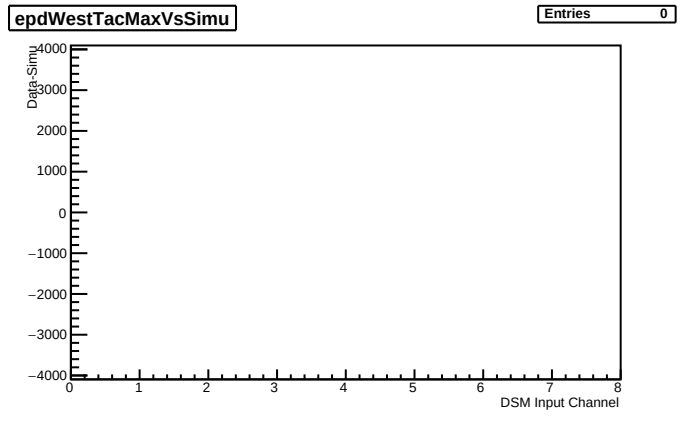
DSM Input Channel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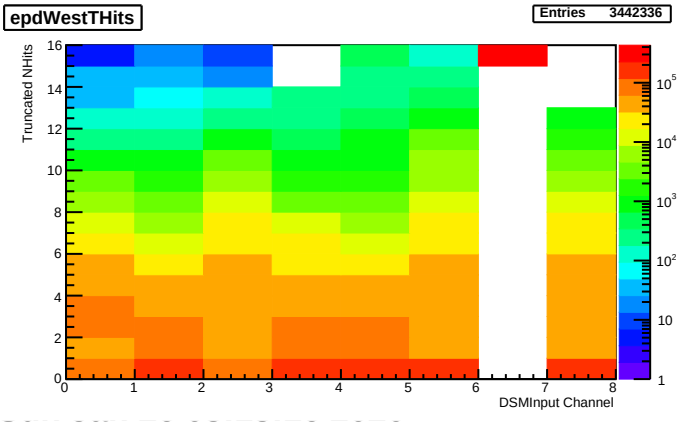
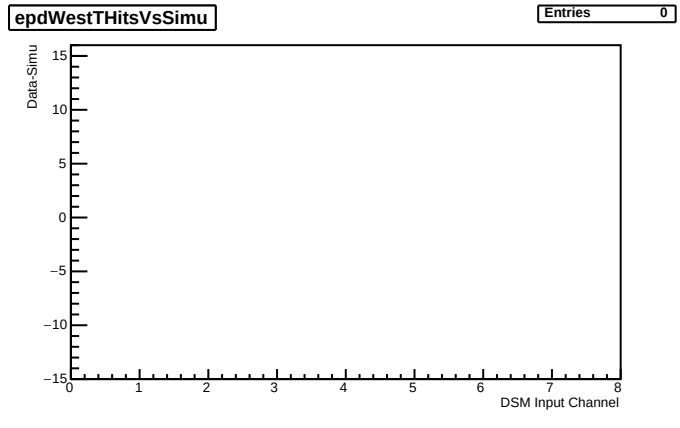
DSM Input Channel


epdWestTHits
Entries 3442336
Truncated NHits
DSMInput Channel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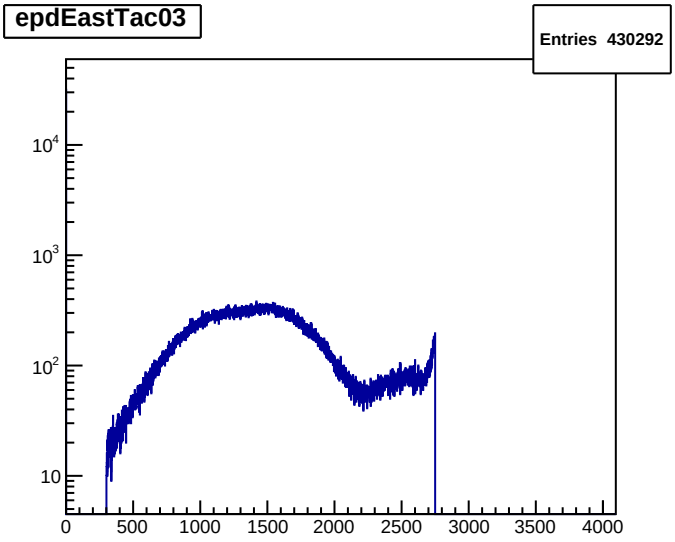
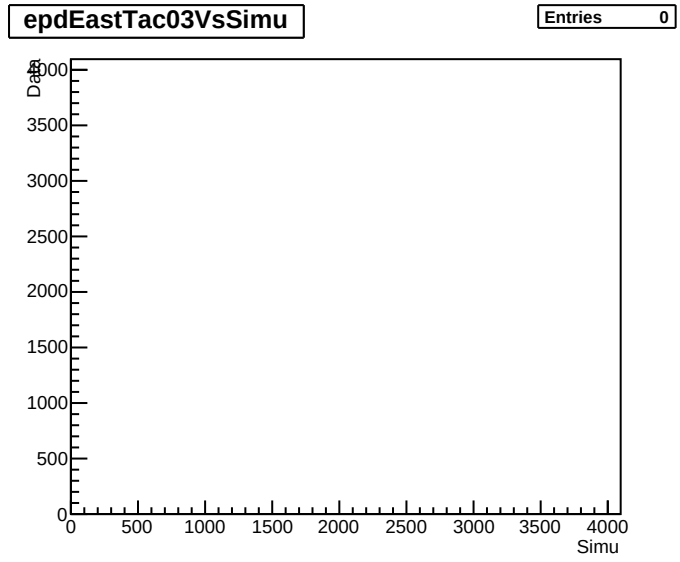
DSM Input Channel


epdEastTac03
Entries 430292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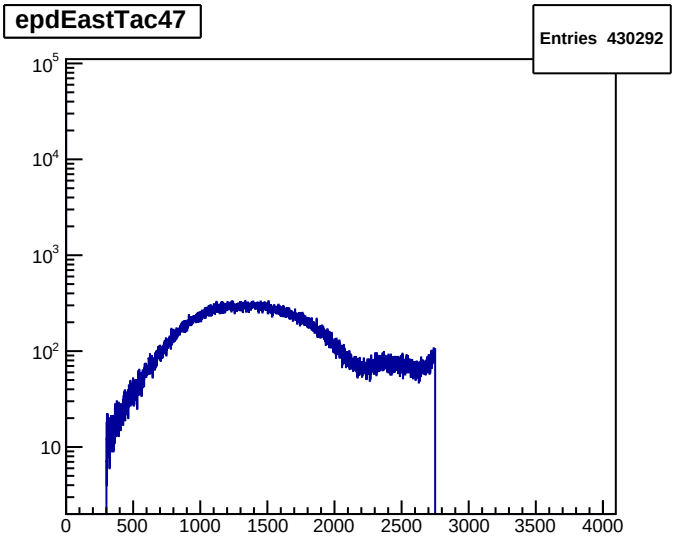
Entries 0
Data
Simu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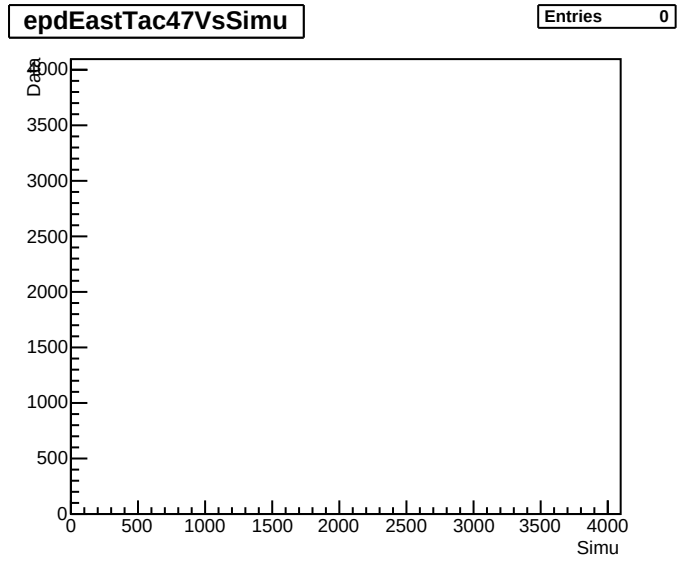
Entries 430292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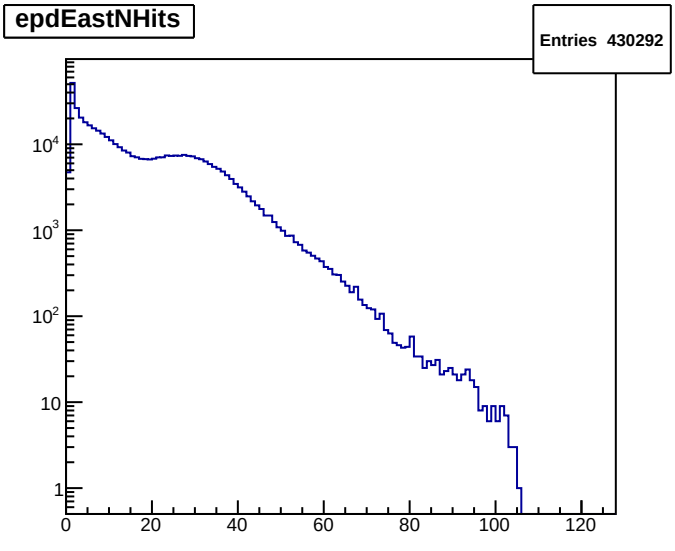
Entries 0
Data
Simu


epdEastNHits
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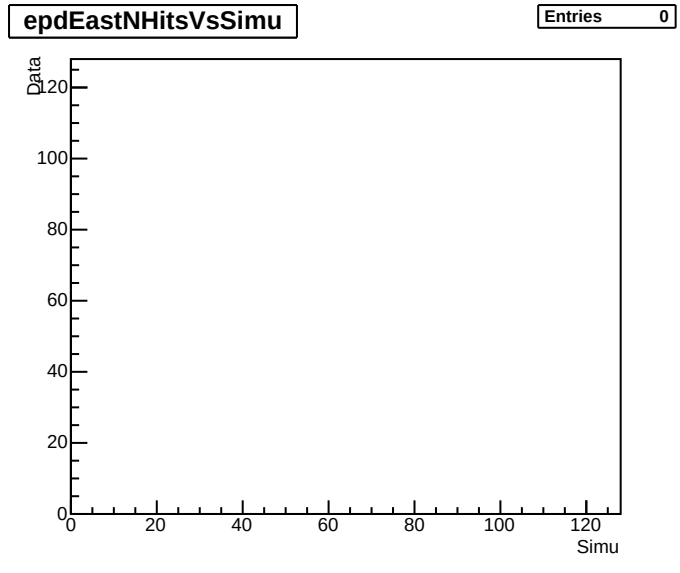
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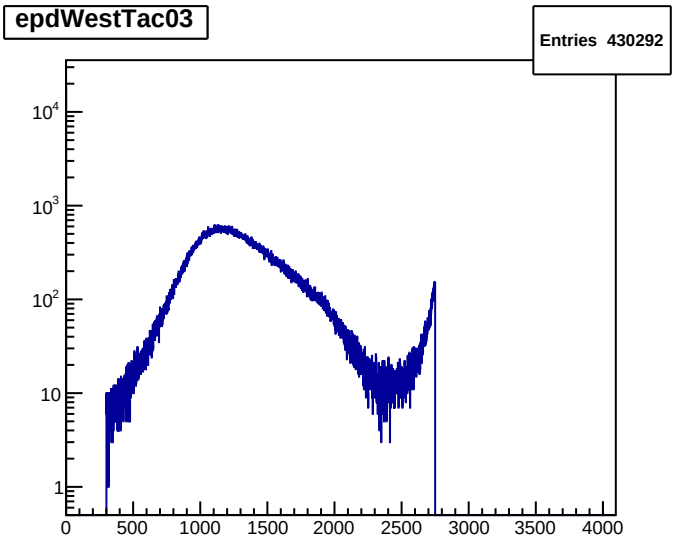
Entries 0
Data
Simu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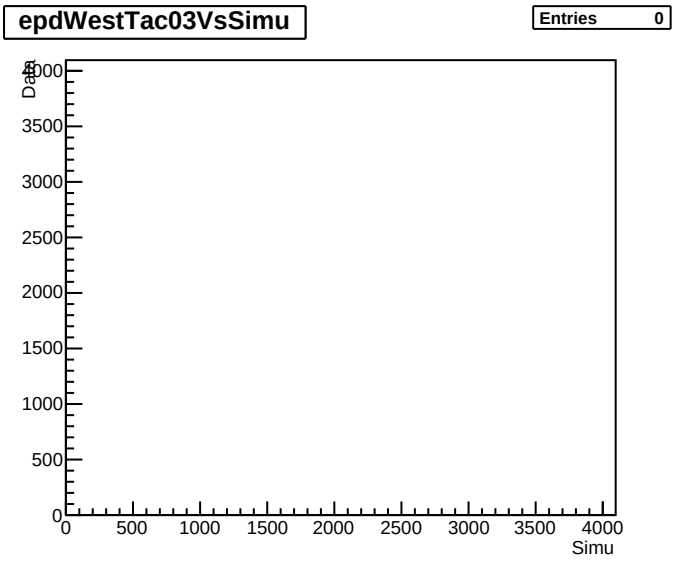
Entries 430292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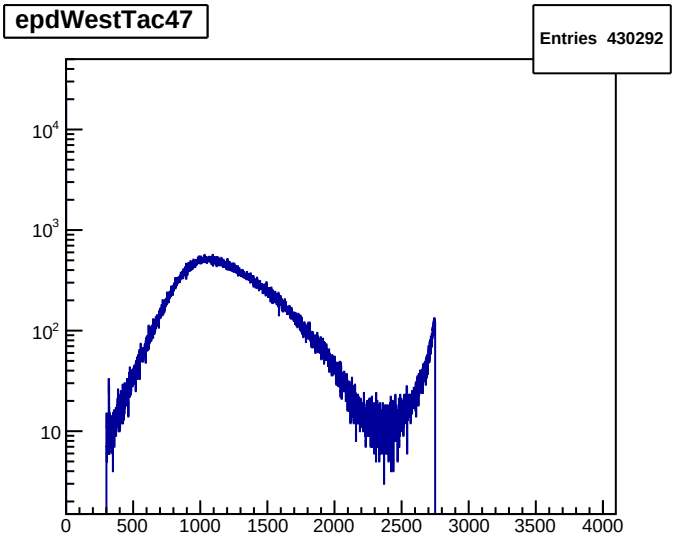
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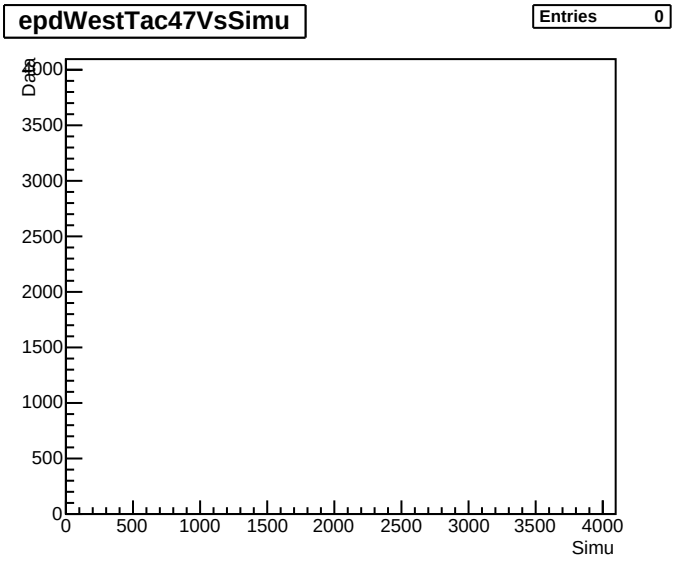
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Data
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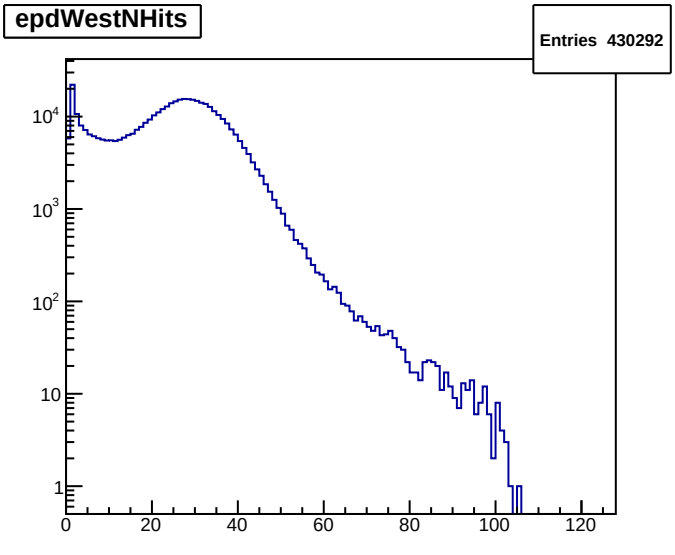
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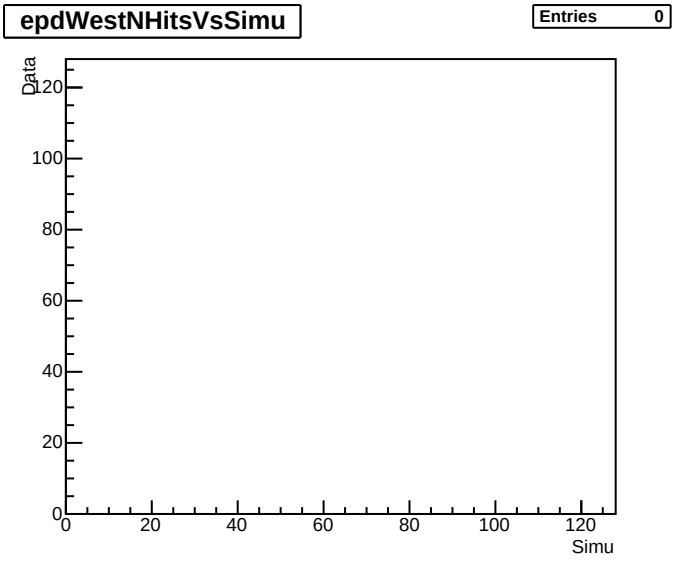
Entries 430292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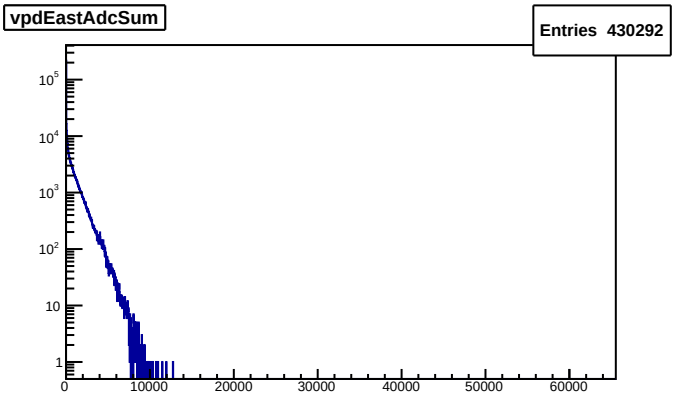
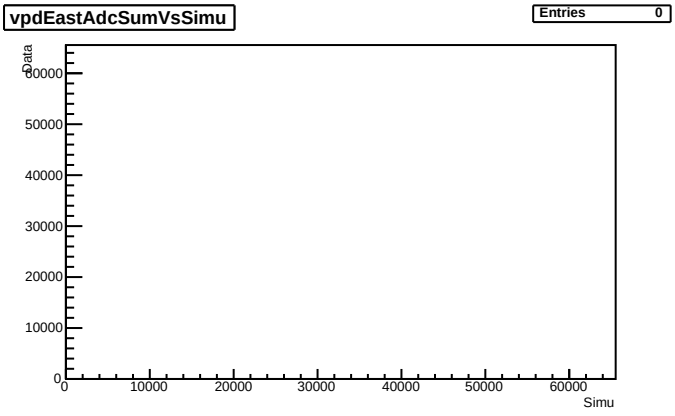
Entries 0
Data
Simu


vpdEastAdcSum
Entries 430292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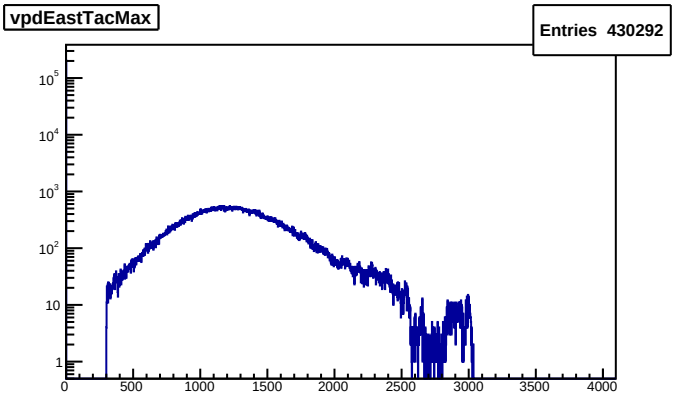
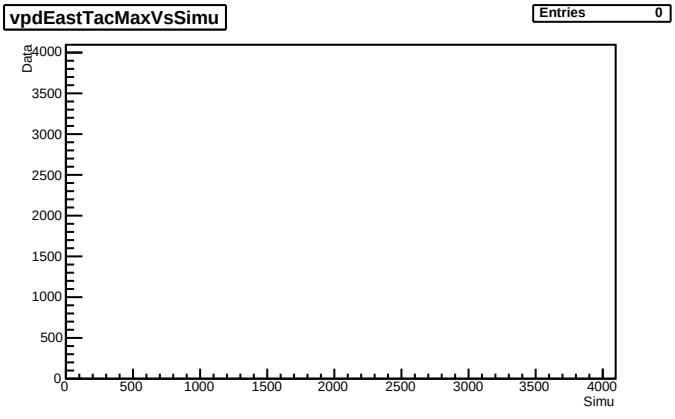
Entries 0
Data
Simu


vpdEastTacMax
Entries 430292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Entries 0
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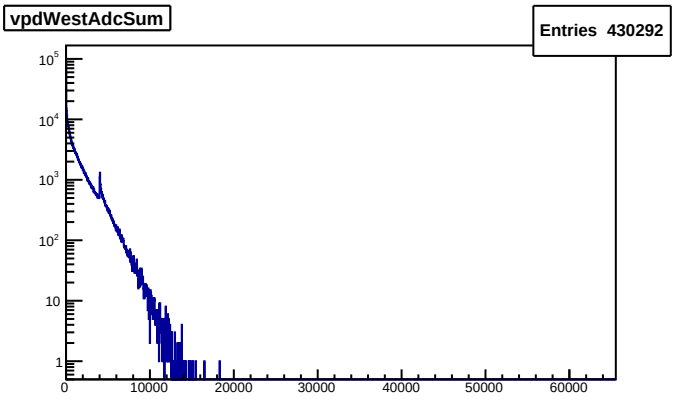
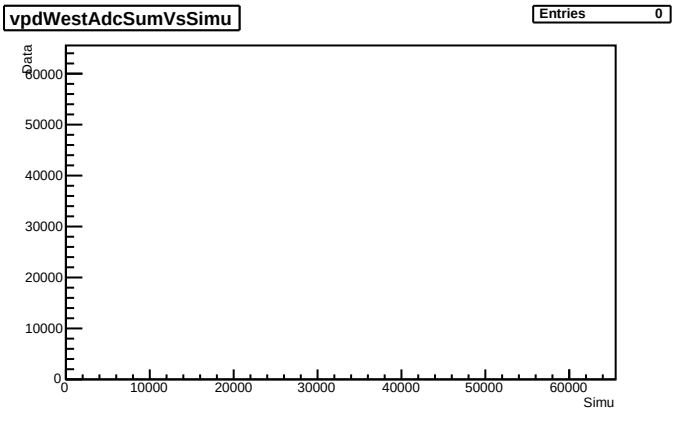
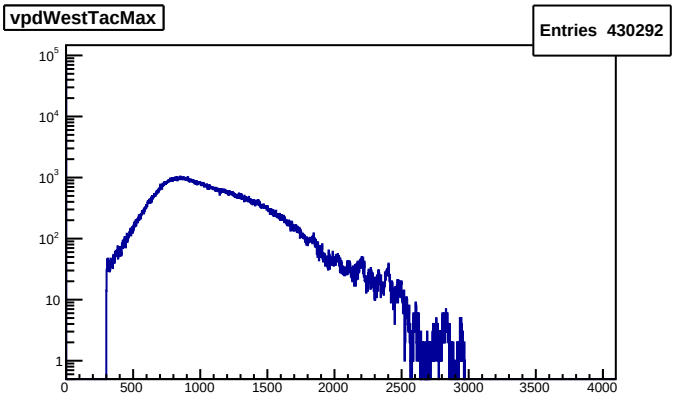
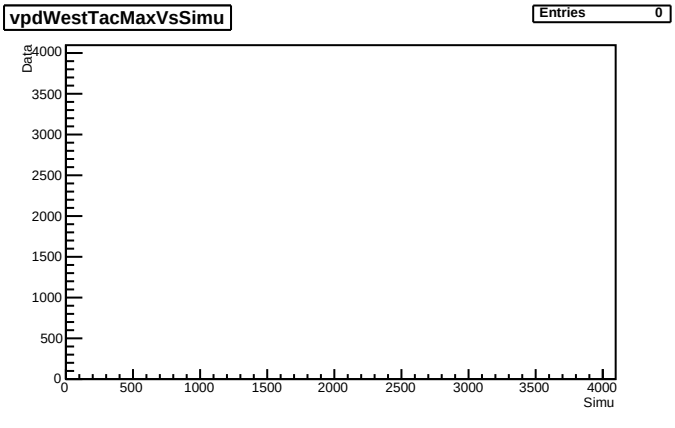
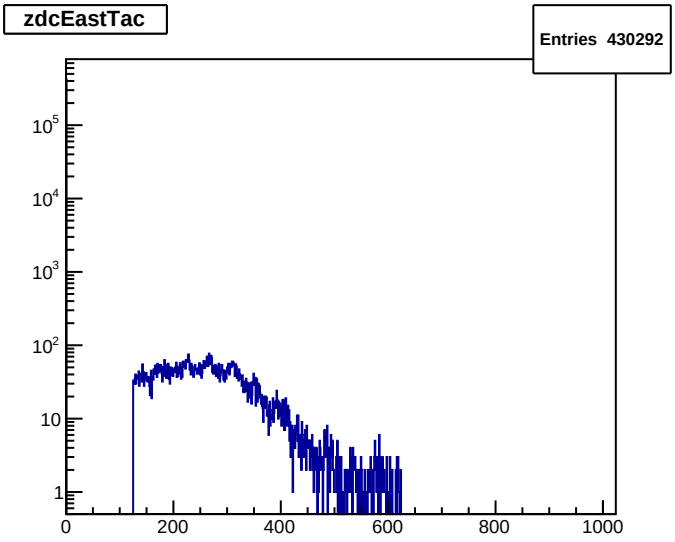
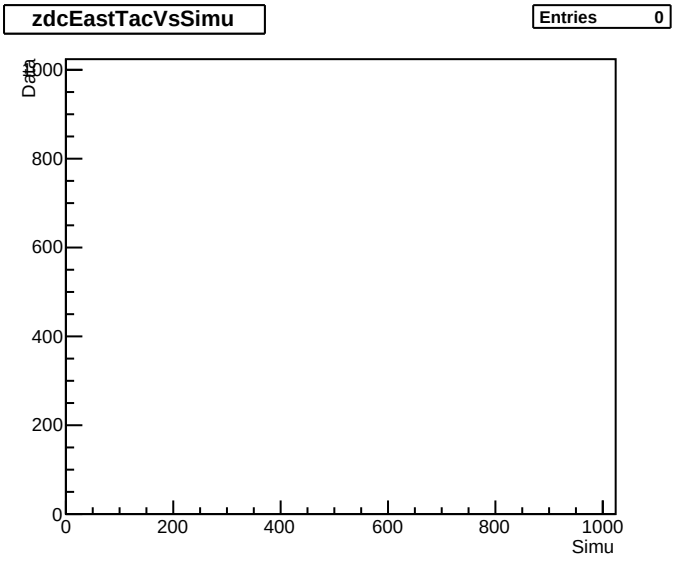

vpdWestAdcSum
Entries 430292

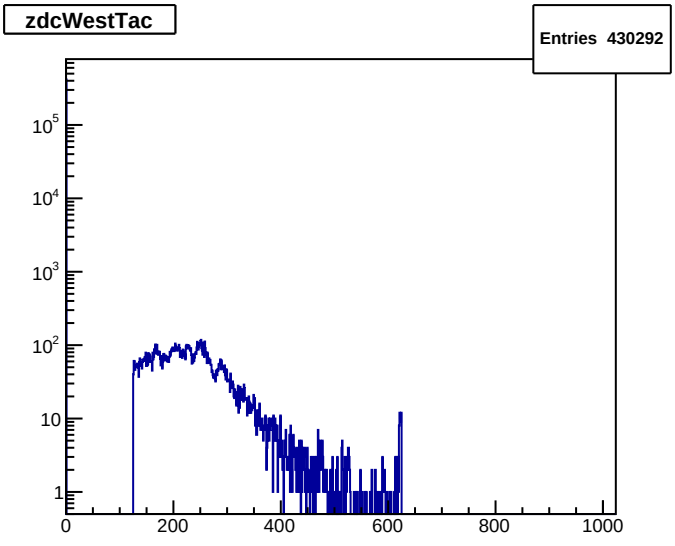

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

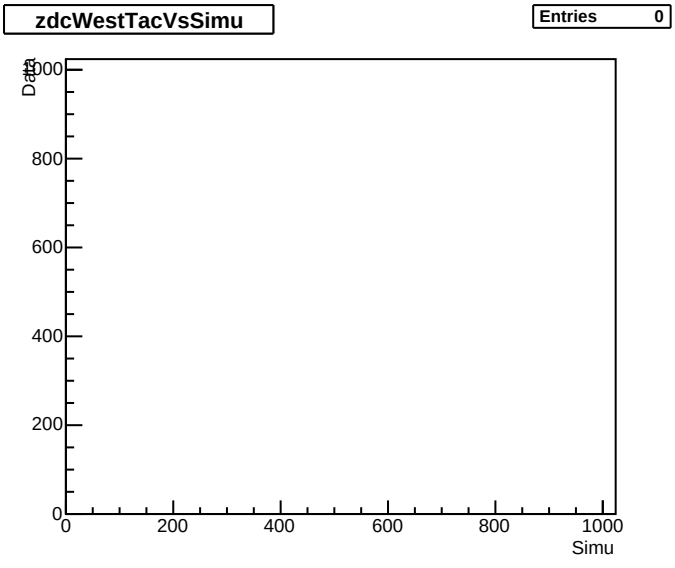

vpdWestTacMax
Entries 430292

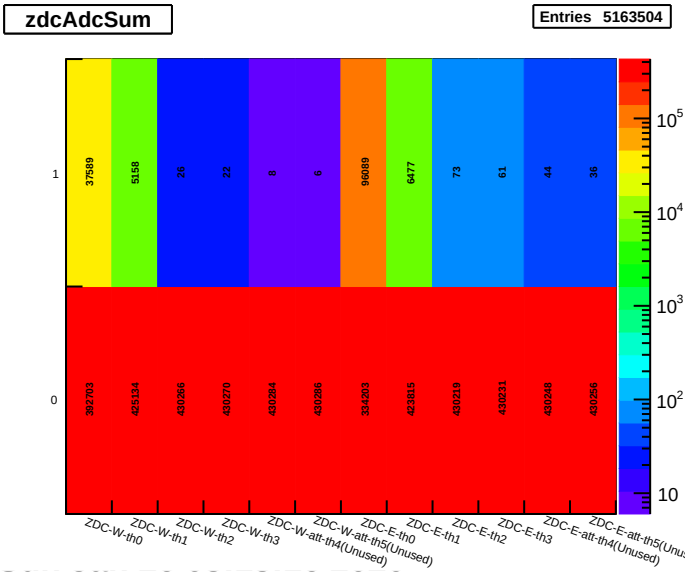

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 430292


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 430292


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 5163504
37589
5158
26
22
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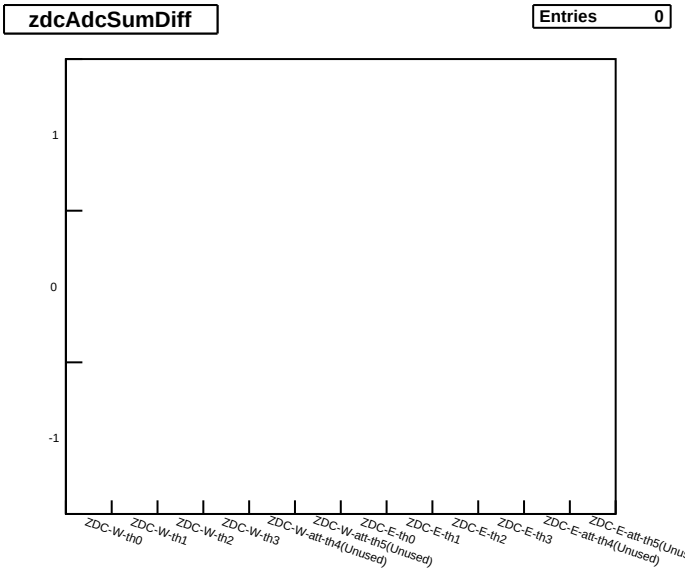
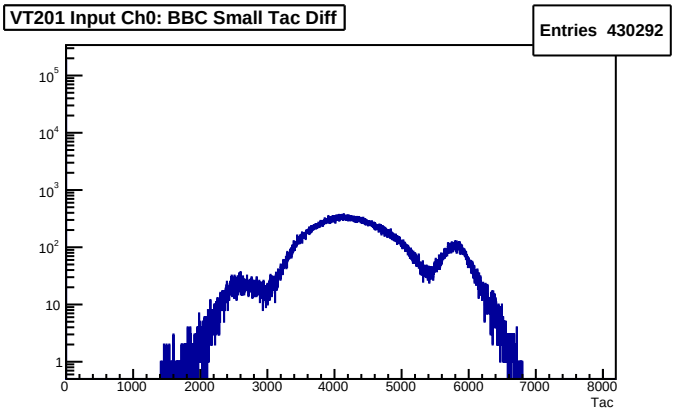
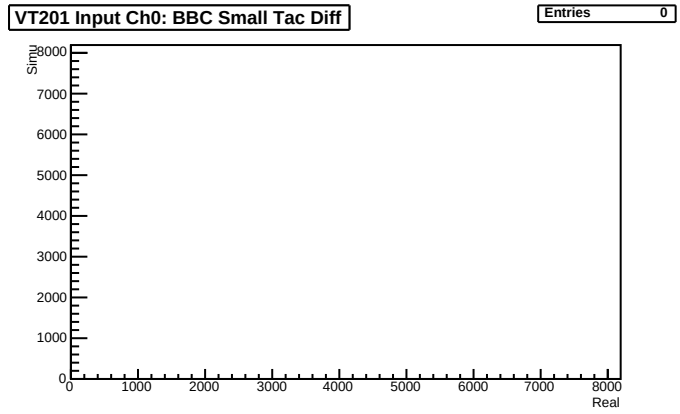
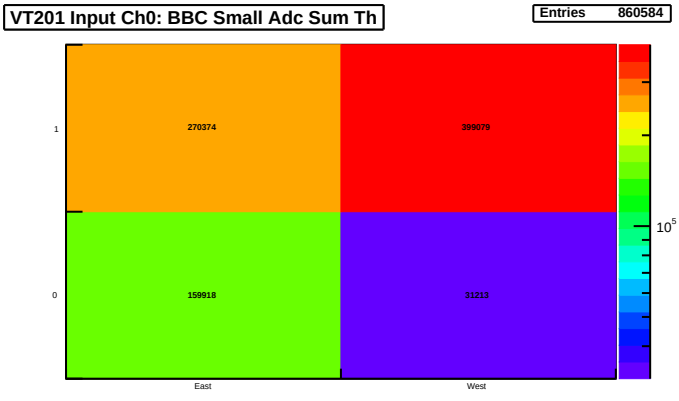
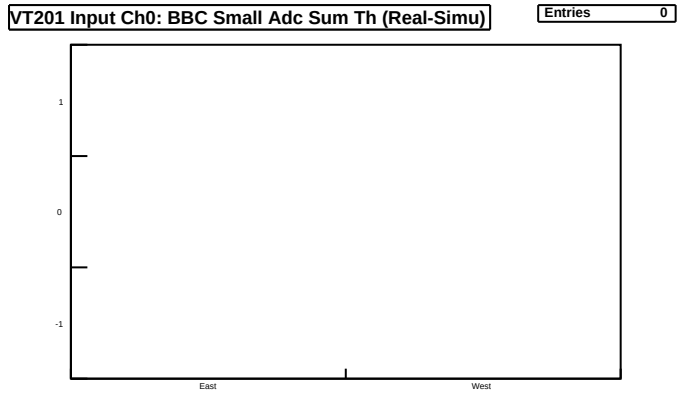
96089
6477
73
61
44
36
392703
425134
430266
430270
430284
430286
334203
423815
430219
430231
430248
430256
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

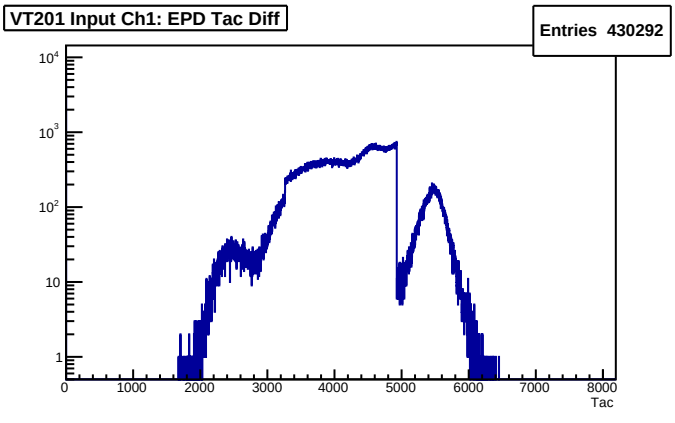

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

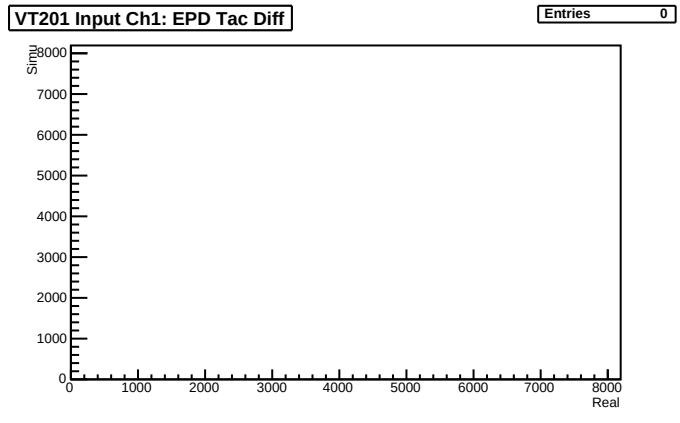

VT201 Input Ch0: BBC Small Tac Diff
Entries 430292
Tac

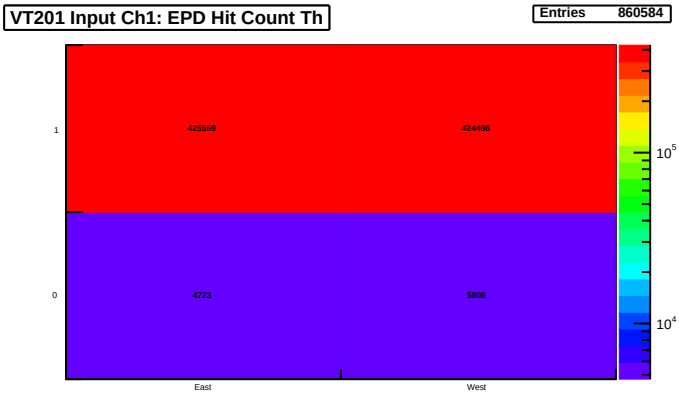

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

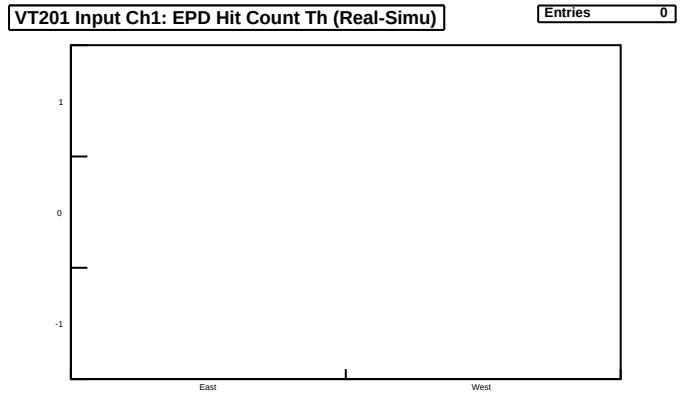

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 860584
270374
399079
159918
31213
East
West

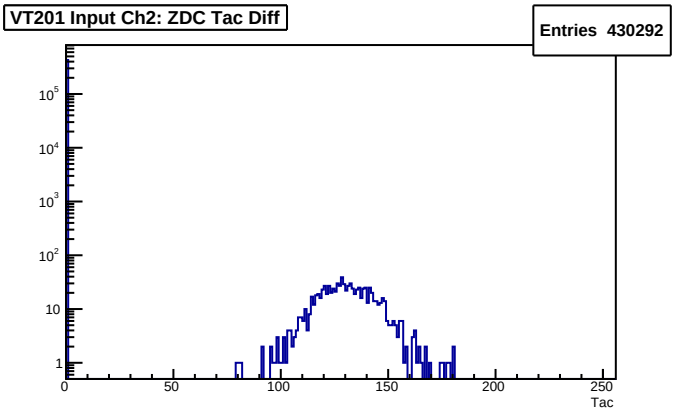

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

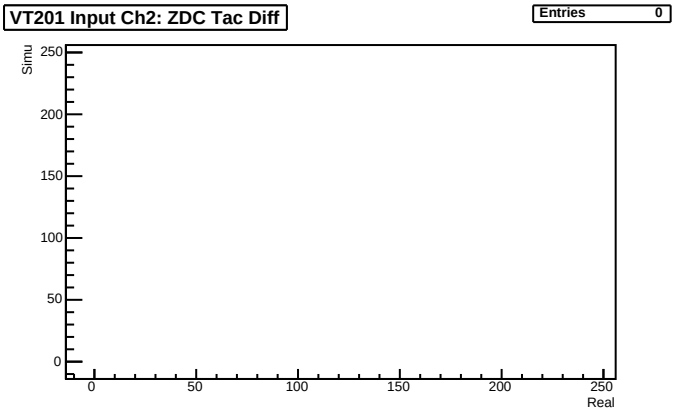

VT201 Input Ch1: EPD Tac Diff
Entries 430292
Tac

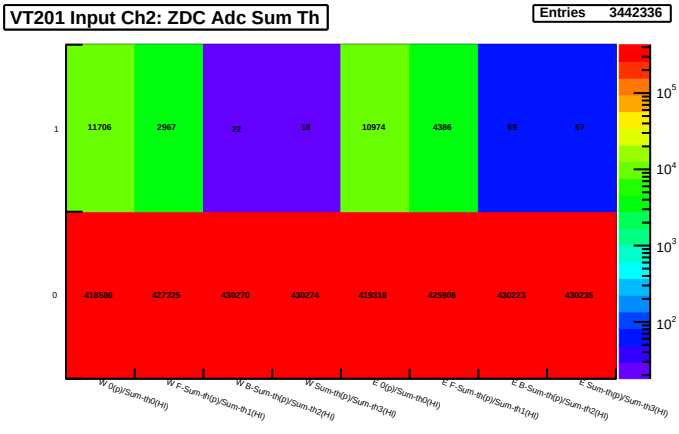

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

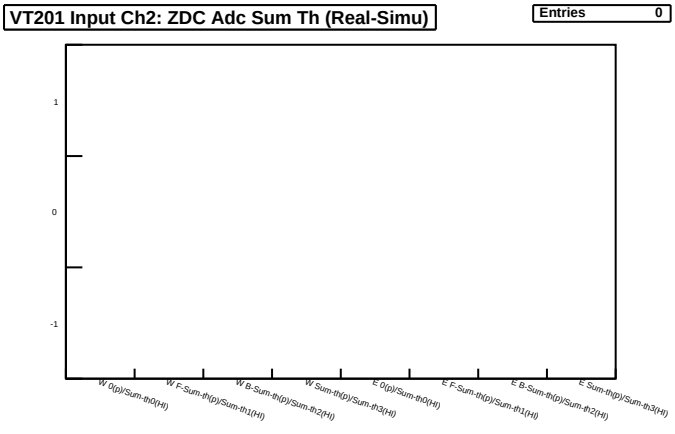

VT201 Input Ch1: EPD Hit Count Th
Entries 860584
425569
424486
4723
5806
East
West

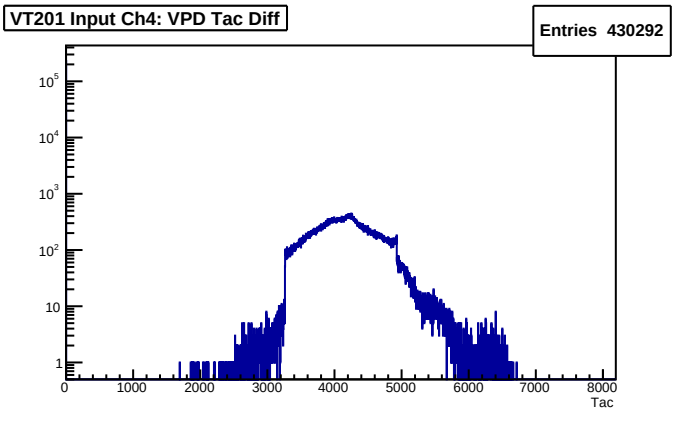

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

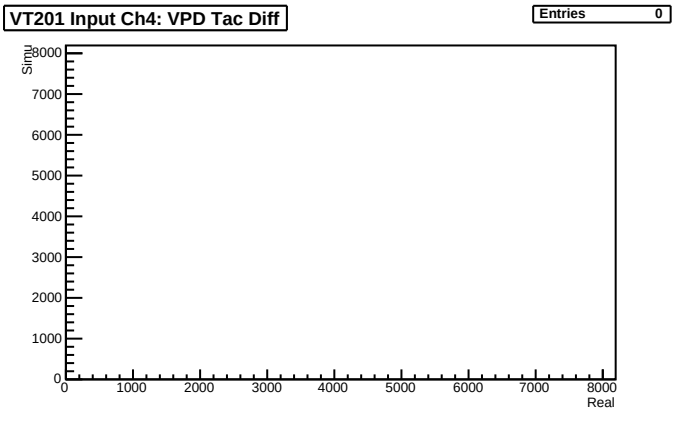

VT201 Input Ch2: ZDC Tac Diff
Entries 430292
Tac

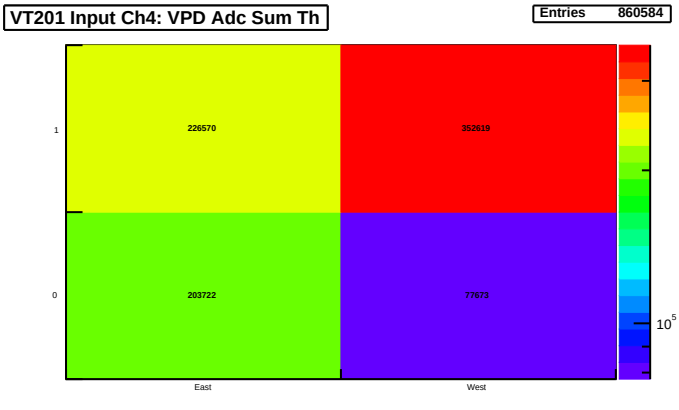

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

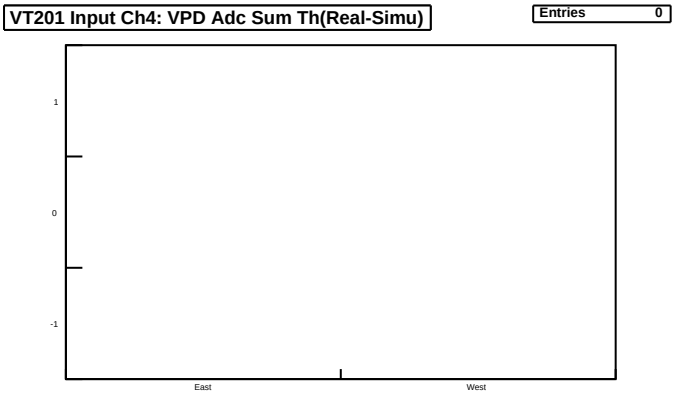

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3442336
11706
2967
22
18
10974
4386
69
57
418586
427325
430270
430274
419318
425906
430223
430235
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

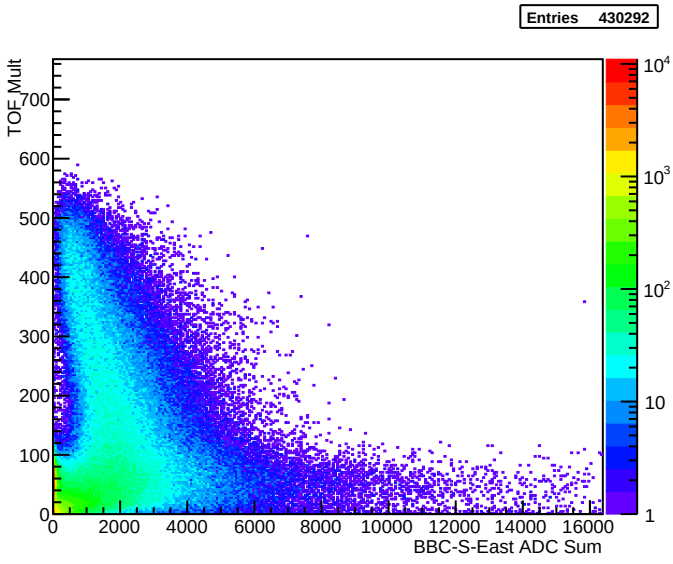

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

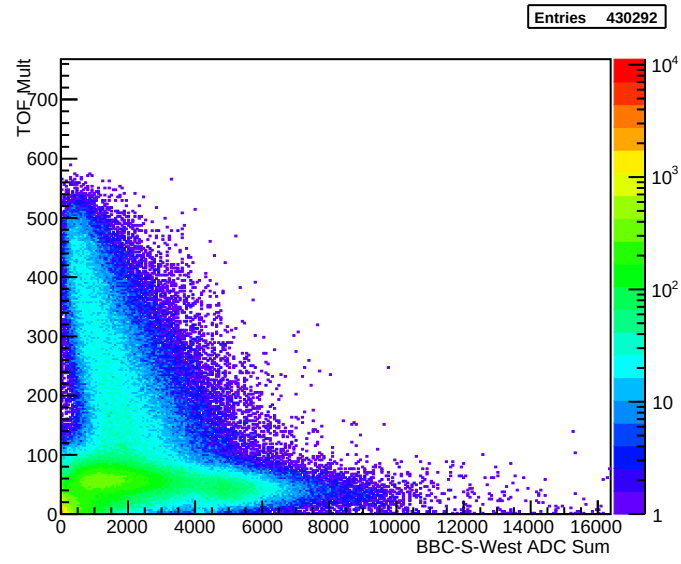

VT201 Input Ch4: VPD Tac Diff
Entries 430292
Tac

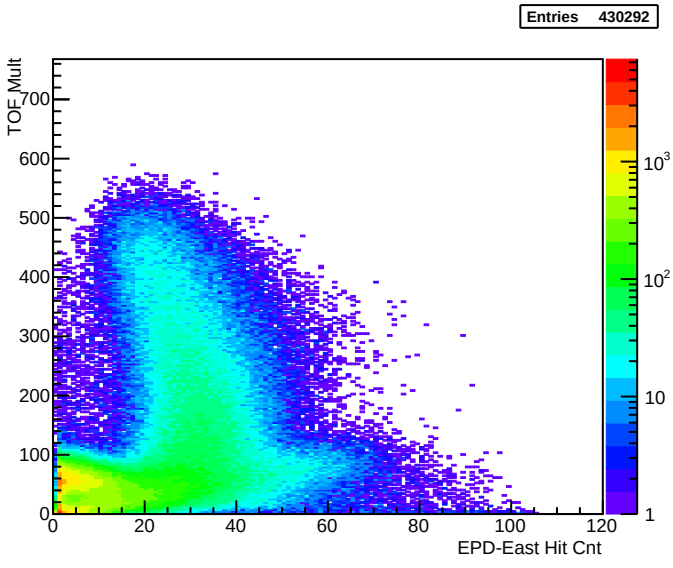

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

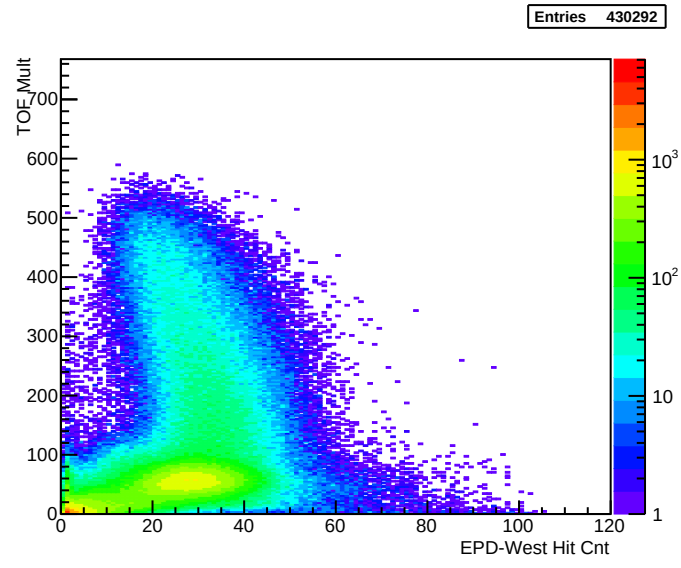

VT201 Input Ch4: VPD Adc Sum Th
Entries 860584
226570
352619
203722
77673
East
West

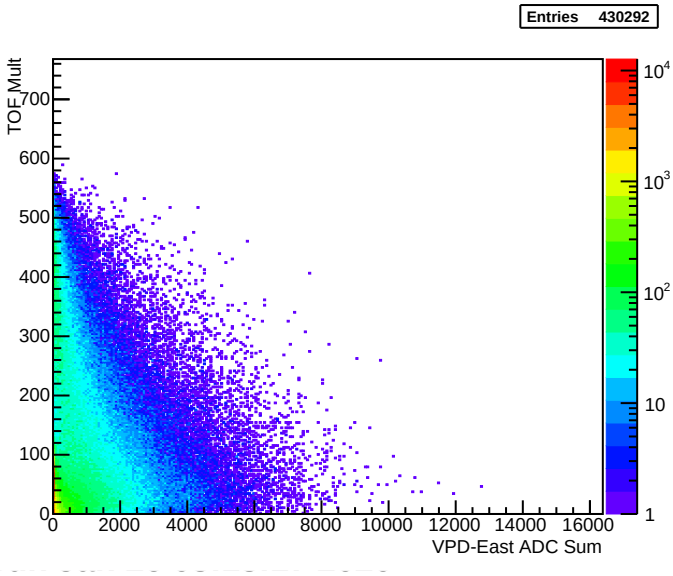

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

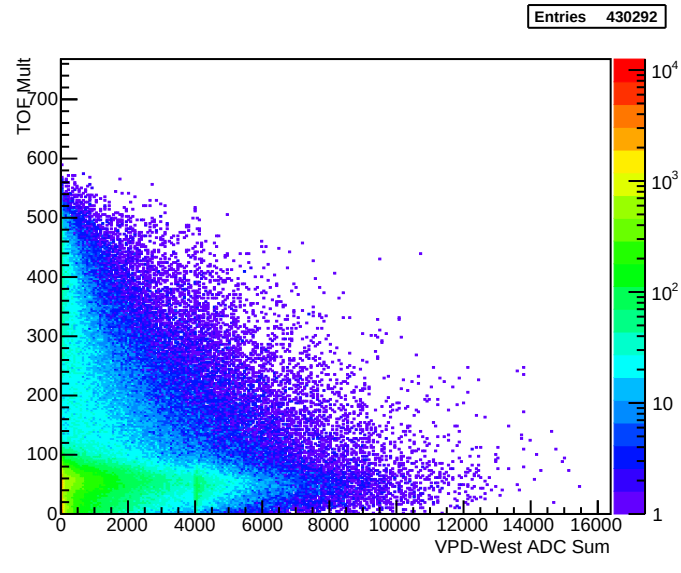

Entries 430292
TOF_Mult
BBC-S-East ADC Sum

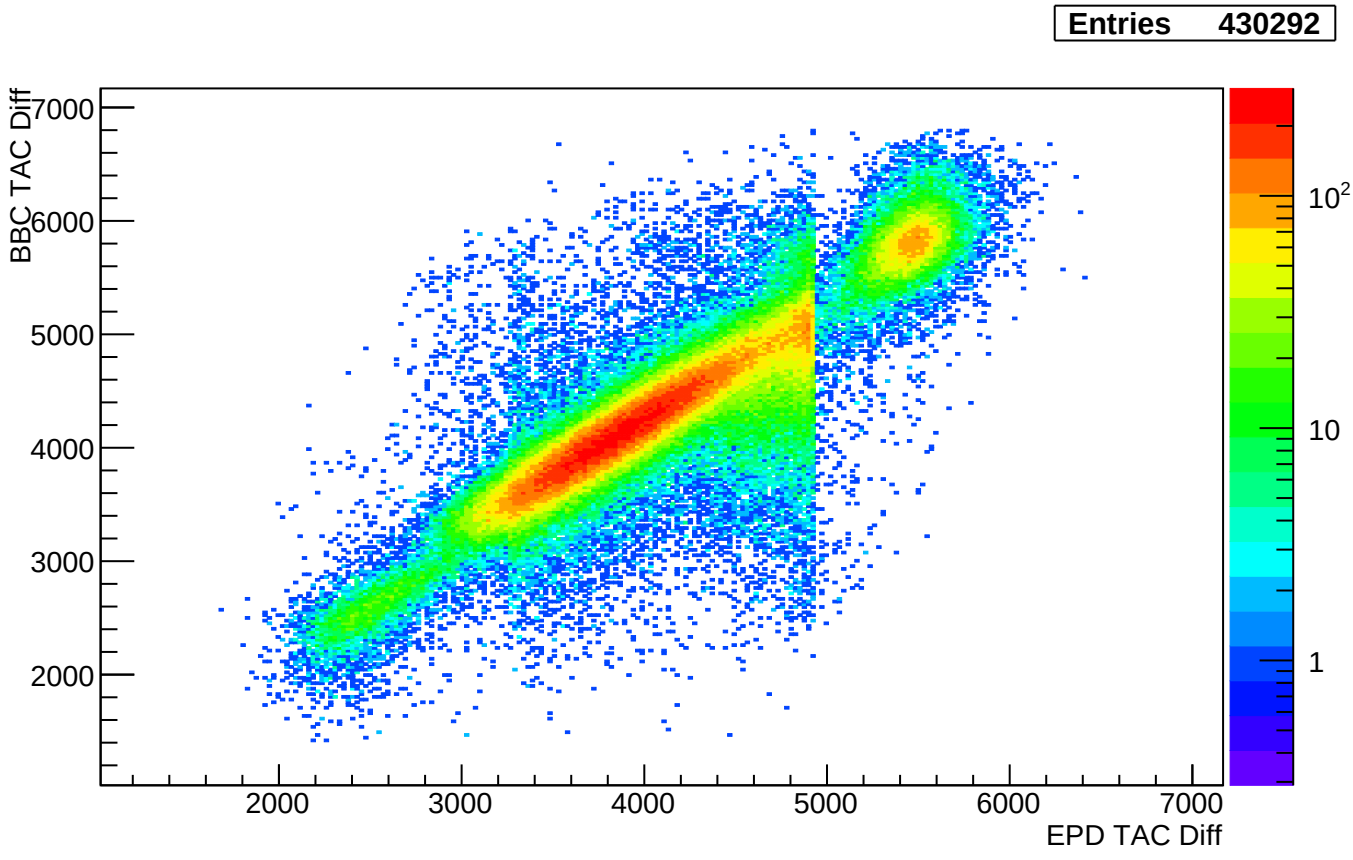

Entries 430292
TOF_Mult
BBC-S-West ADC Sum

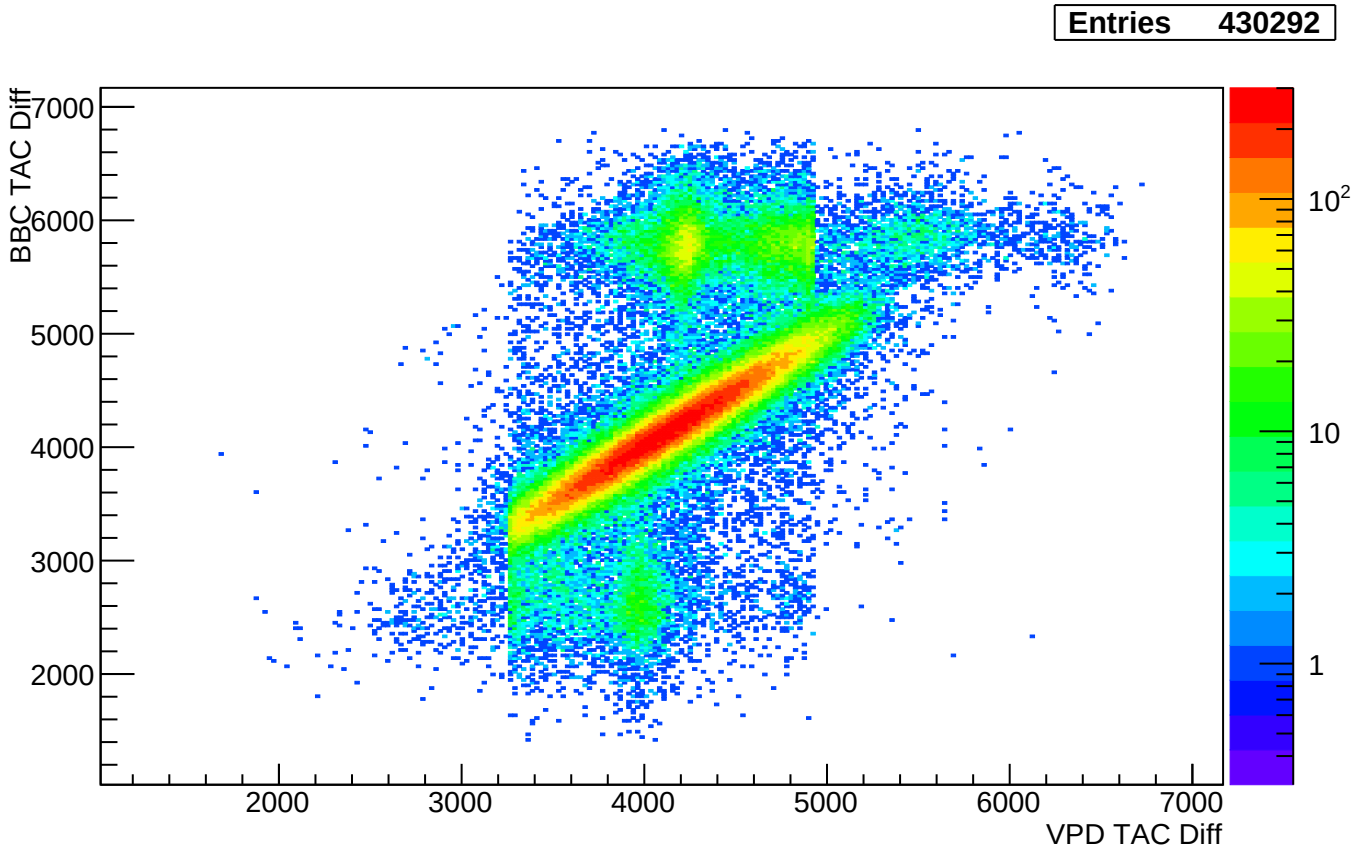

Entries 430292
TOF_Mult
EPD-East Hit Cnt

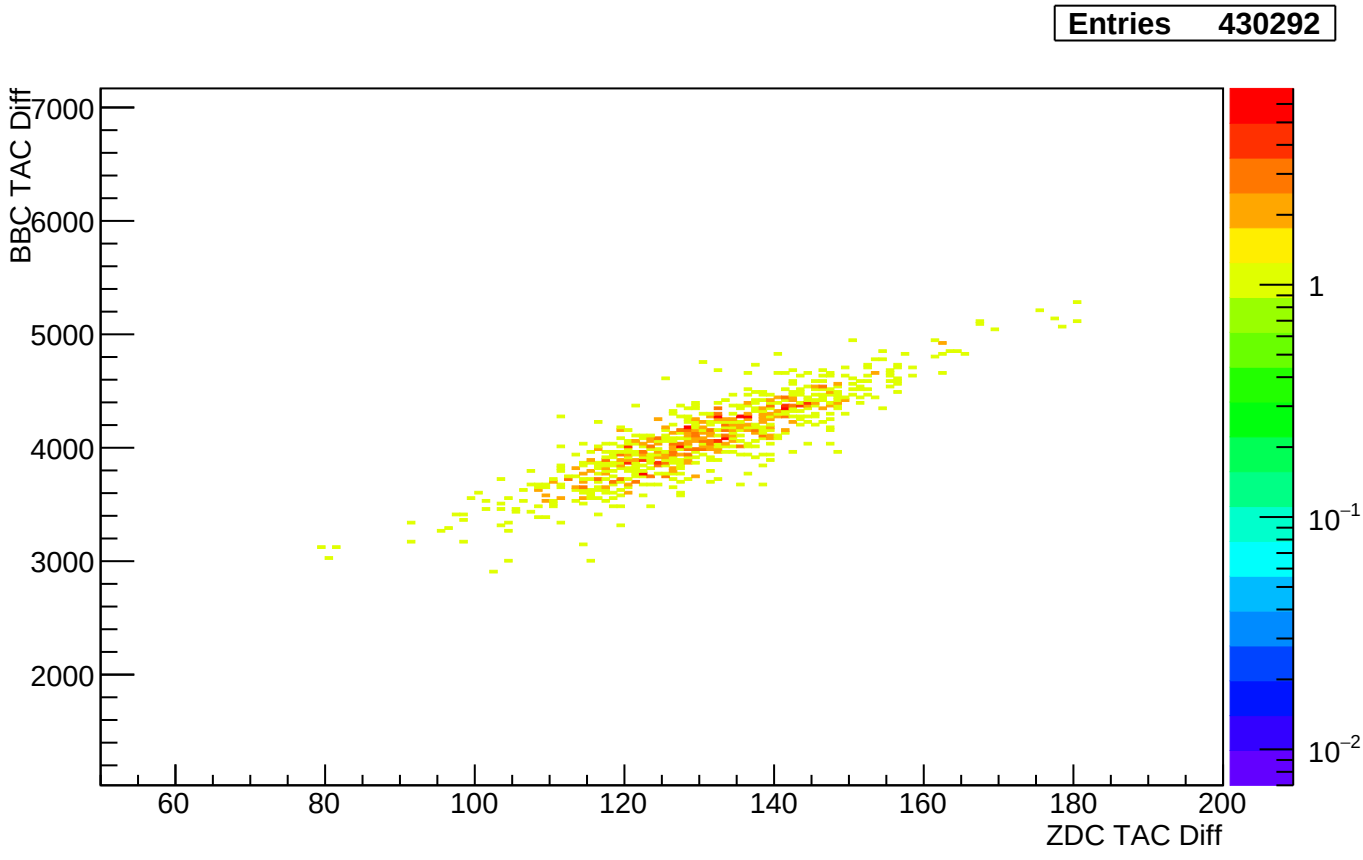

Entries 430292
TOF_Mult
EPD-West Hit Cnt

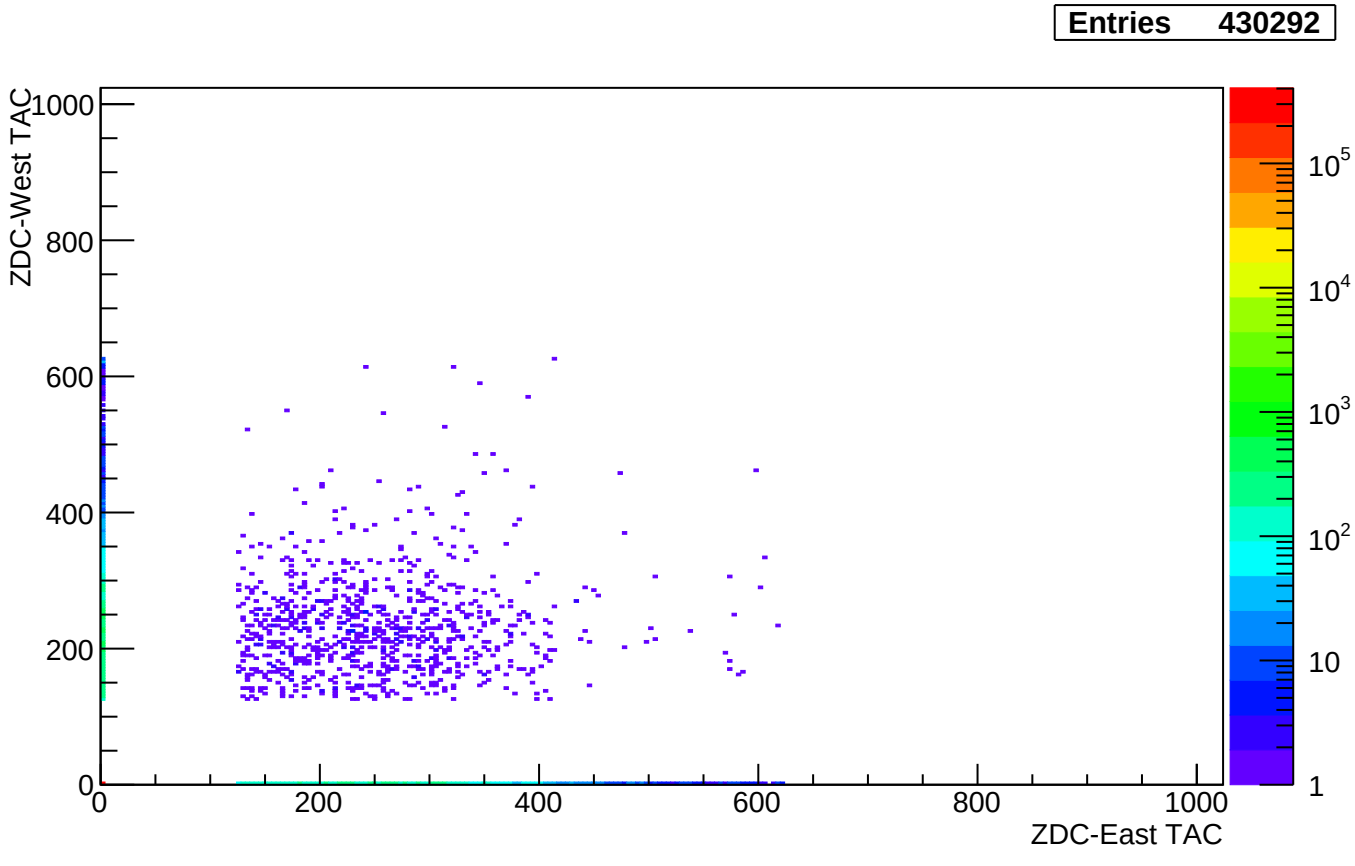

Entries 430292
TOF_Mult
VPD-East ADC Sum

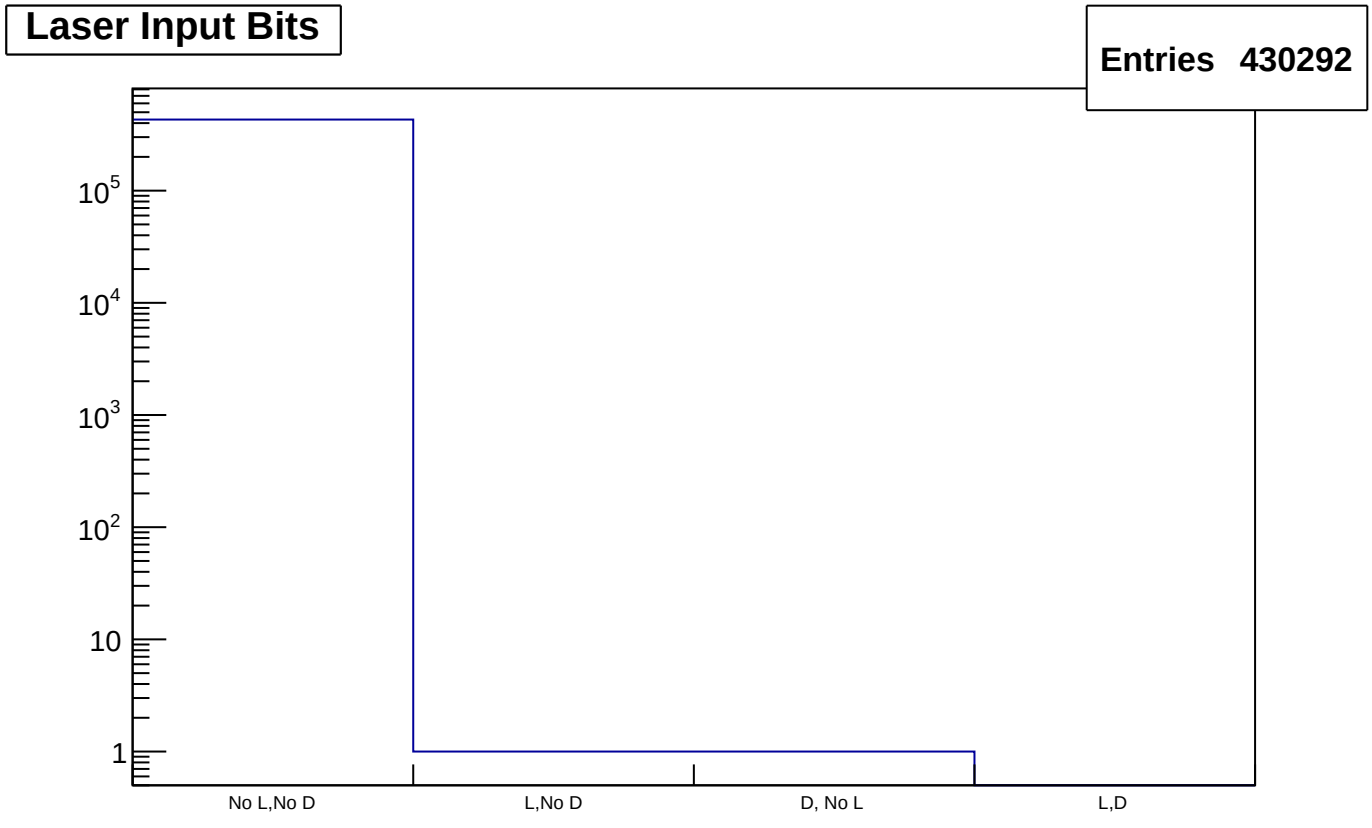

Entries 430292
TOF_Mult
VPD-West ADC Sum

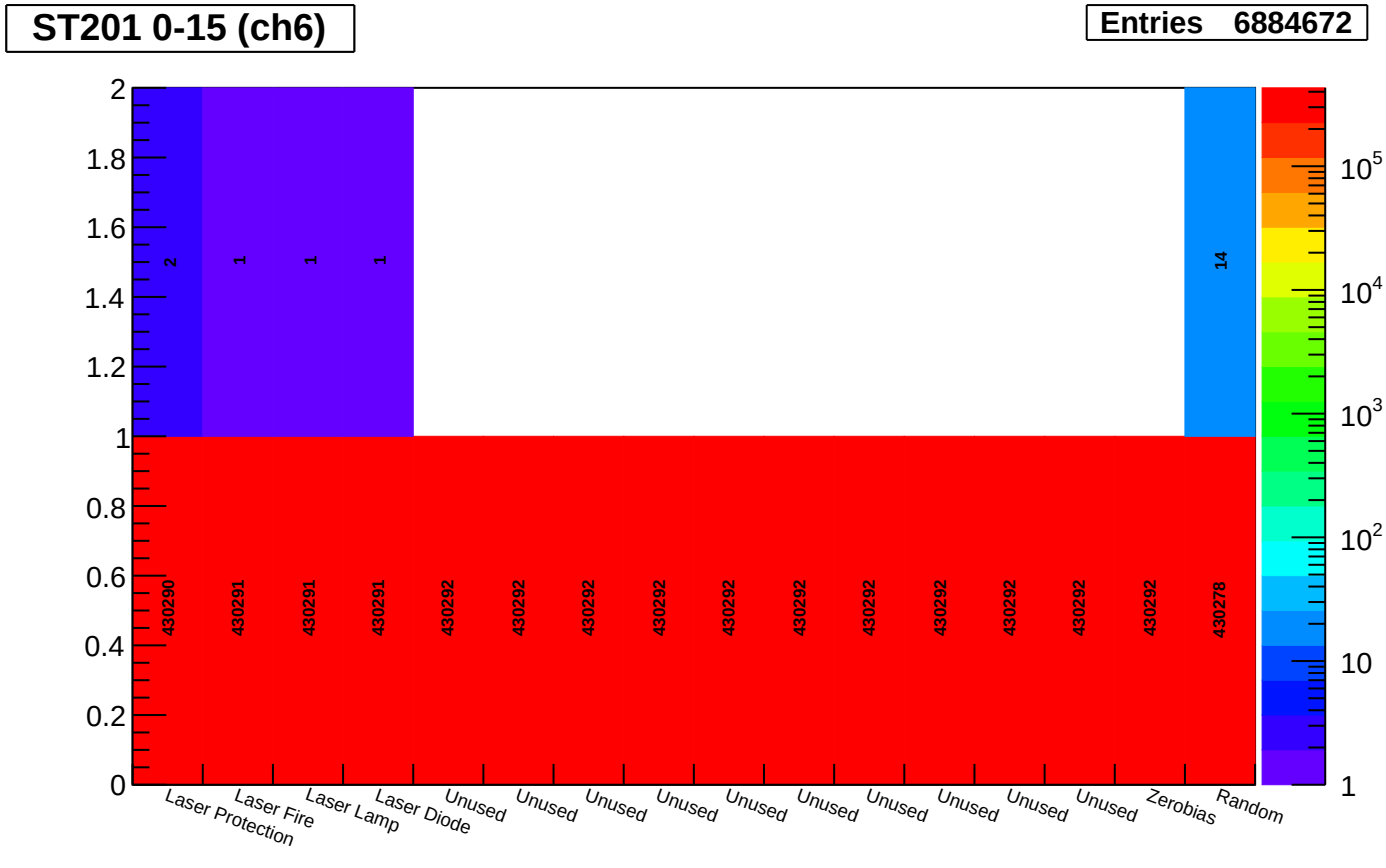

Entries 430292
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

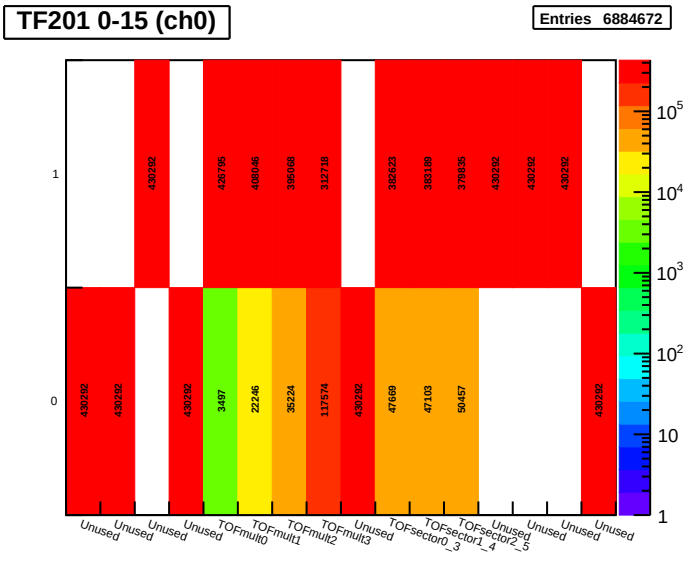

Entries 430292
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

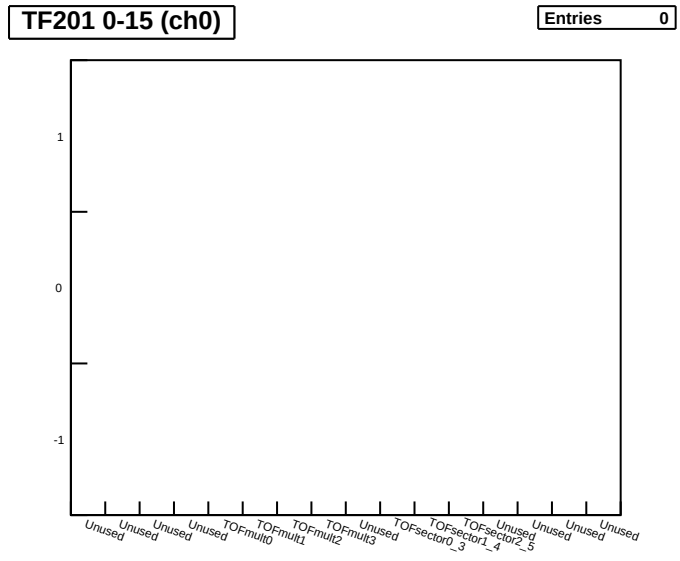

Entries 430292
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

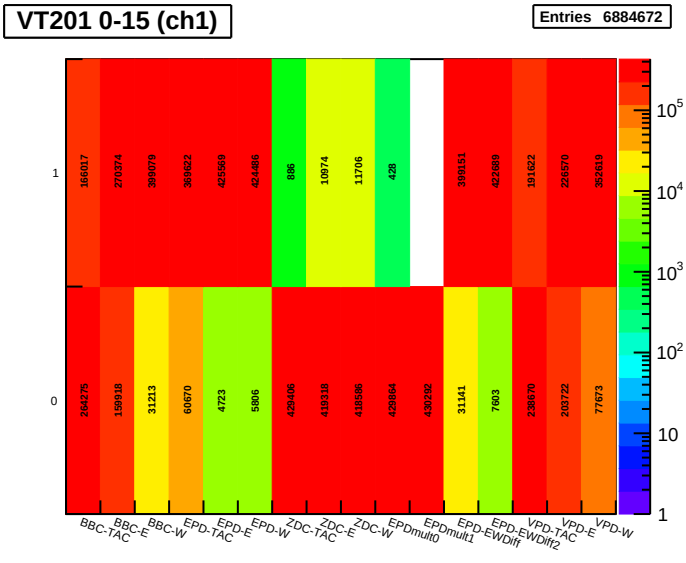

Entries 430292
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

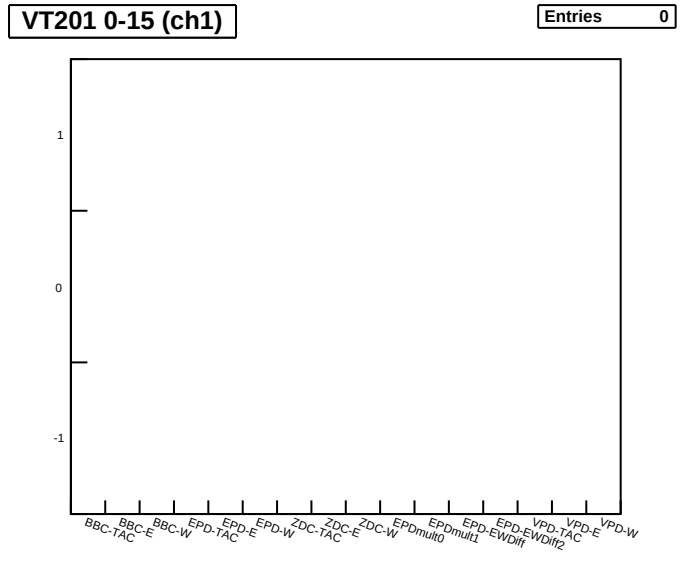

Laser Input Bits
Entries 430292
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

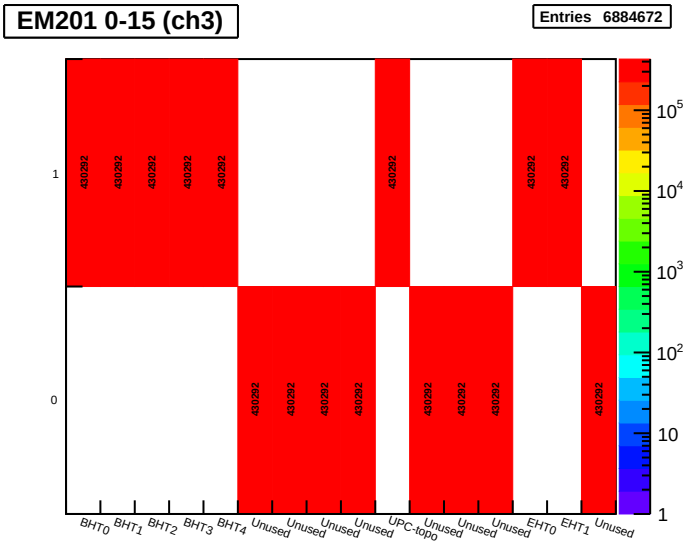

ST201 0-15 (ch6)
Entries 6884672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
14
430290
430291
430291
430291
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430278
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

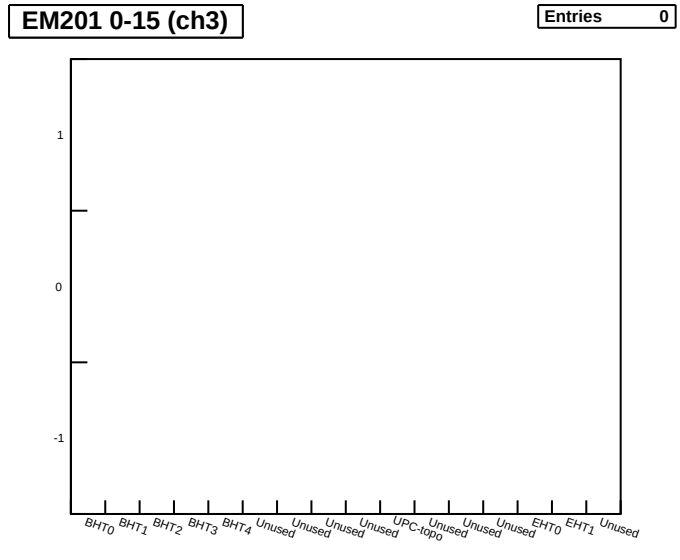

TF201 0-15 (ch0)
Entries 6884672
1
0
430292
426795
408046
395068
312718
382623
383189
379835
430292
430292
430292
430292
430292
3497
22246
35224
117574
430292
47669
47103
50457
430292
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6884672
1
0
166017
270374
399079
369622
425569
424486
886
10974
11706
428
399151
422689
191622
226570
352619
264275
159918
31213
60670
4723
5806
429406
419318
418586
429864
430292
31141
7603
238670
203722
77673
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 6884672
1
0
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
430292
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