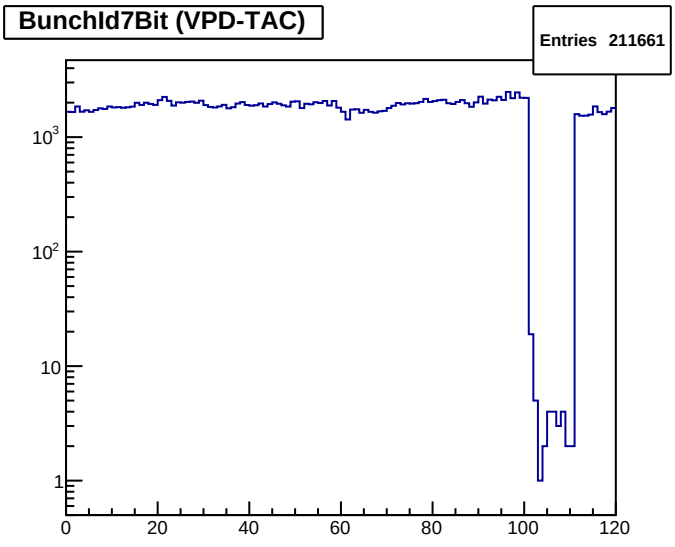
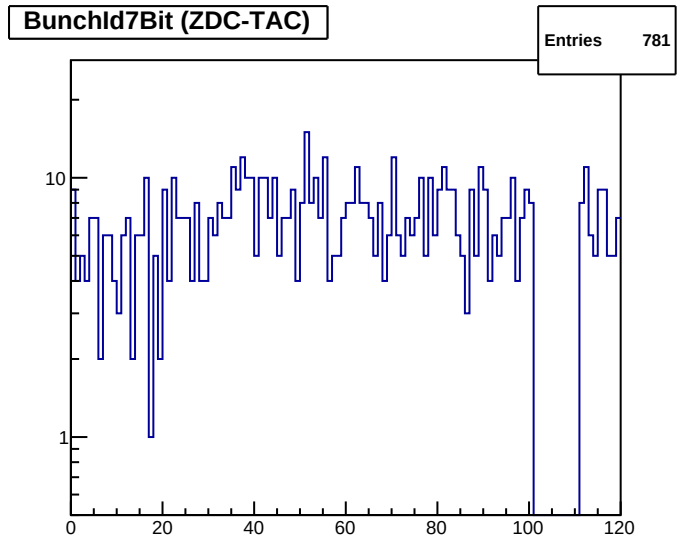
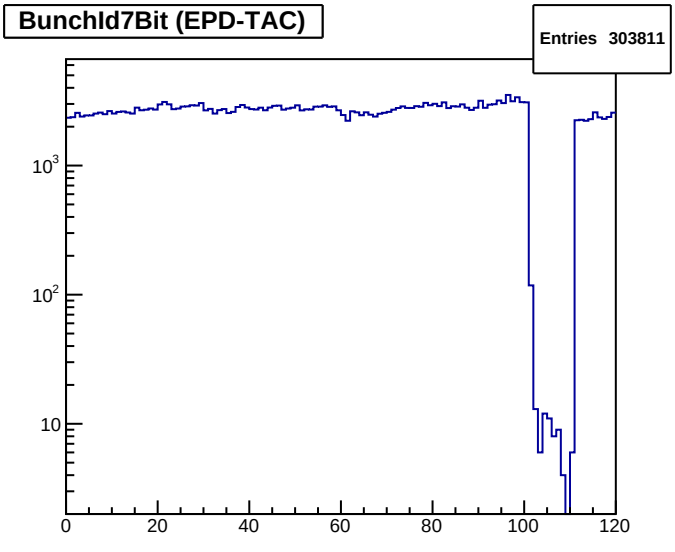
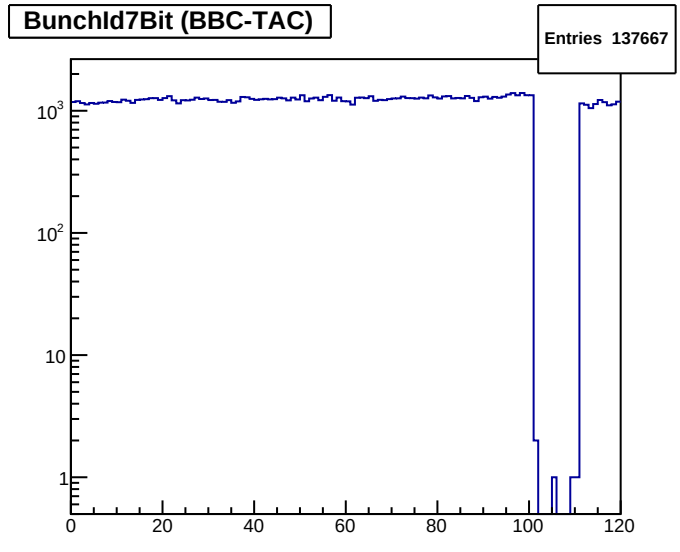
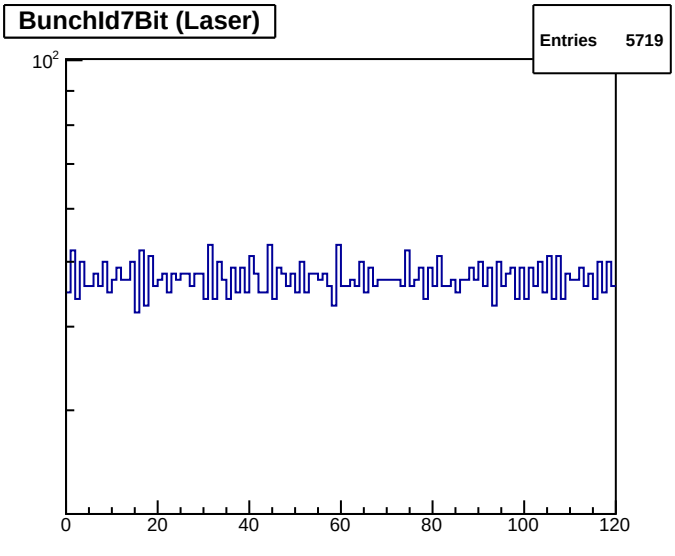
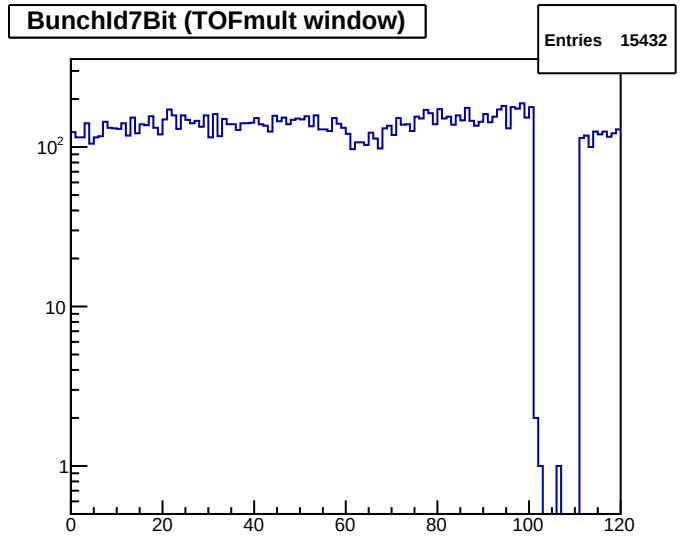

BunchId7Bit (VPD-TAC)
Entries 211661

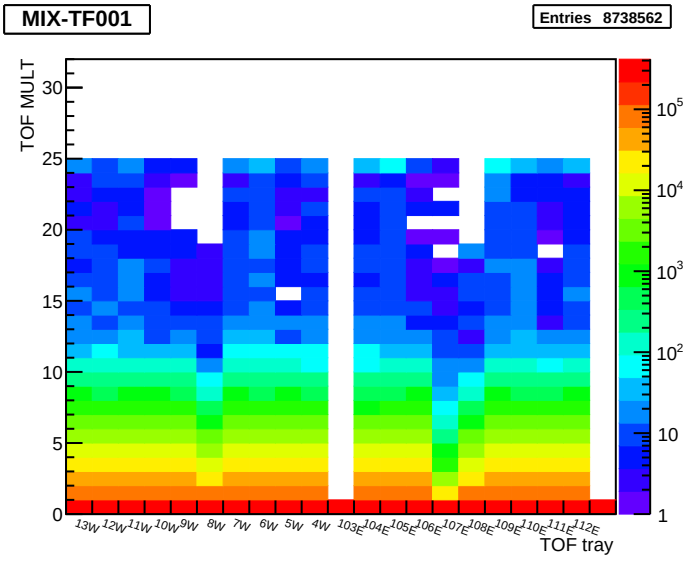

BunchId7Bit (ZDC-TAC)
Entries 781

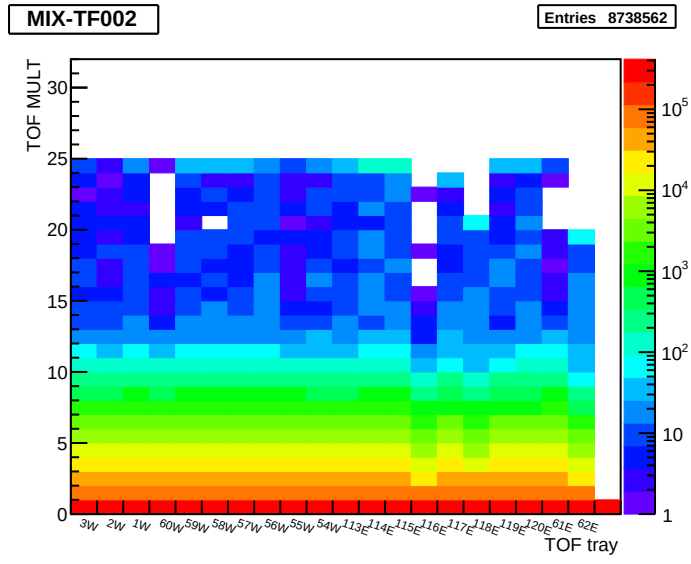

BunchId7Bit (EPD-TAC)
Entries 303811

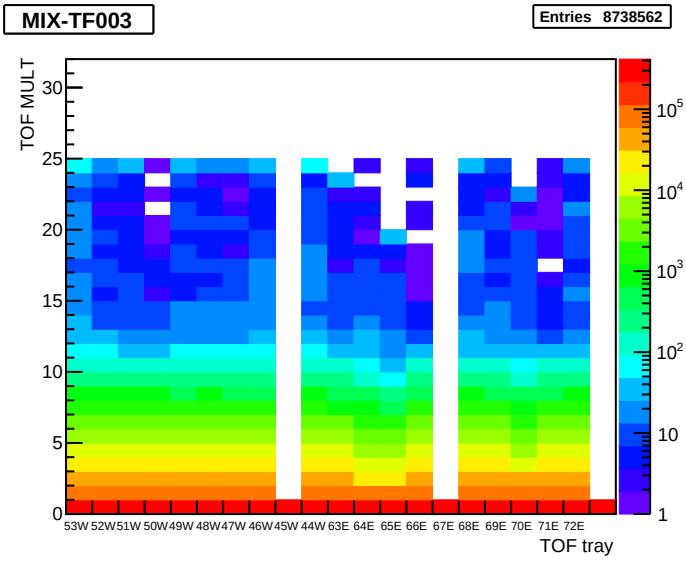

BunchId7Bit (BBC-TAC)
Entries 137667

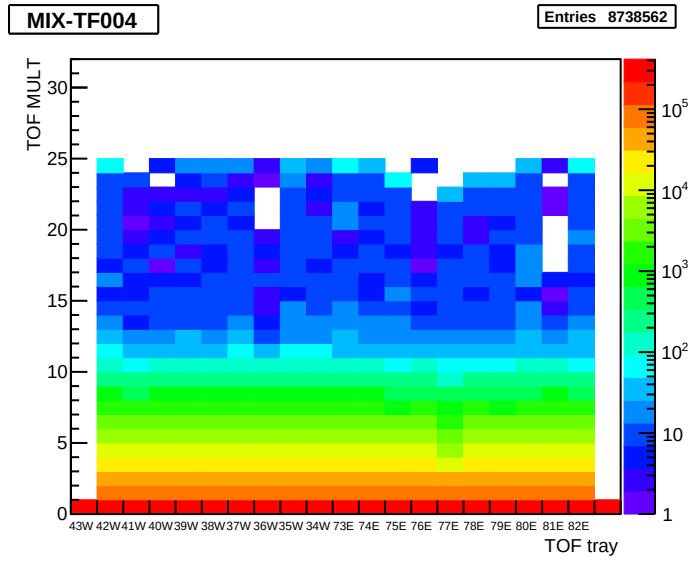

BunchId7Bit (Laser)
Entries 5719

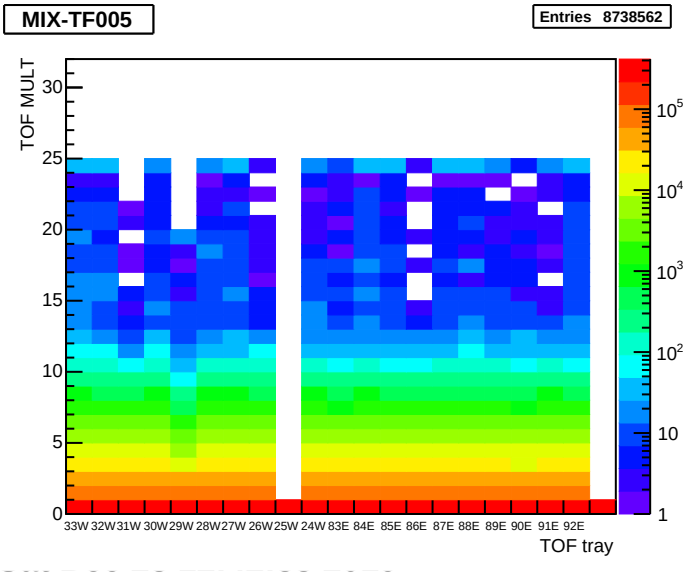

BunchId7Bit (TOFmult window)
Entries 15432

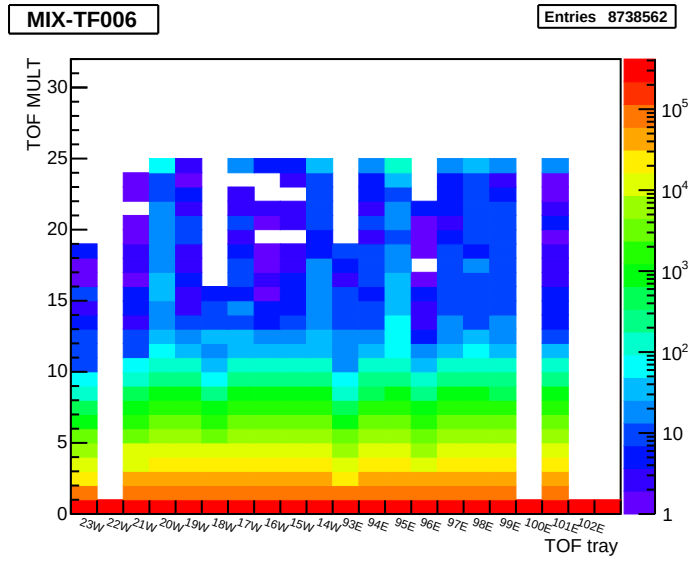

MIX-TF001
Entries 8738562
TOF MULT
TOF tray

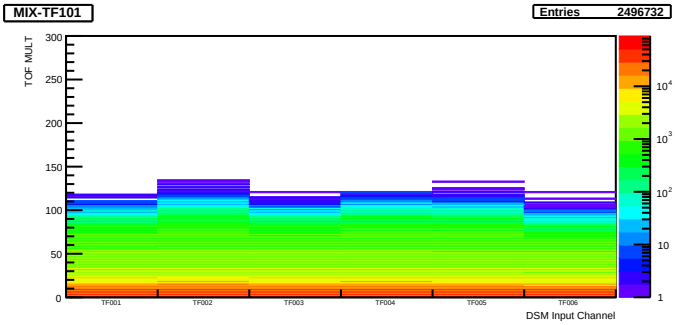

MIX-TF002
Entries 8738562
TOF MULT
TOF tray

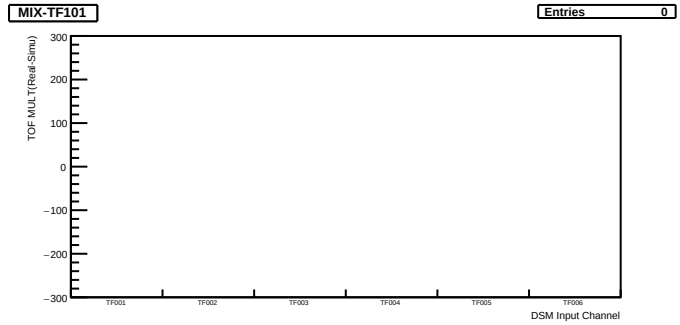

MIX-TF003
Entries 8738562
TOF MULT
TOF tray

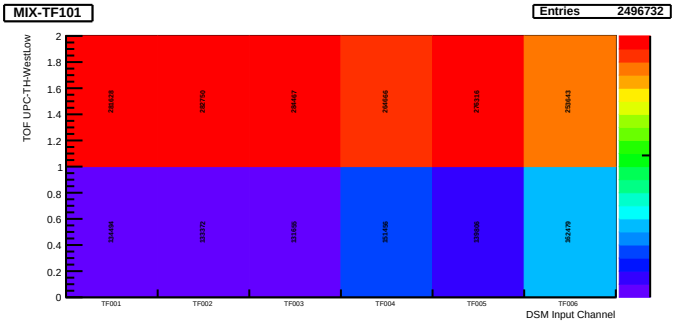

MIX-TF004
Entries 8738562
TOF MULT
TOF tray

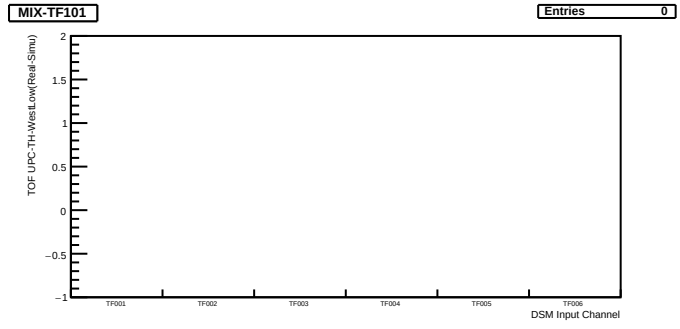

MIX-TF005
Entries 8738562
TOF MULT
TOF tray

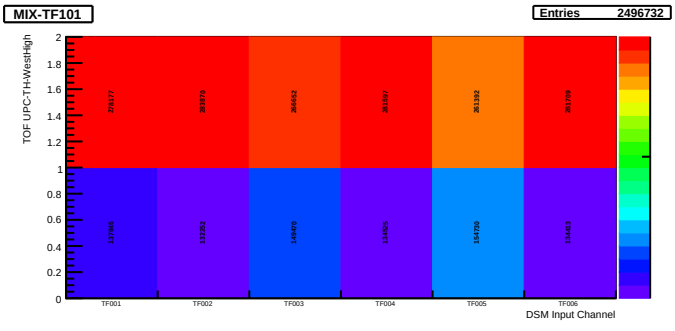

MIX-TF006
Entries 8738562
TOF MULT
TOF tray

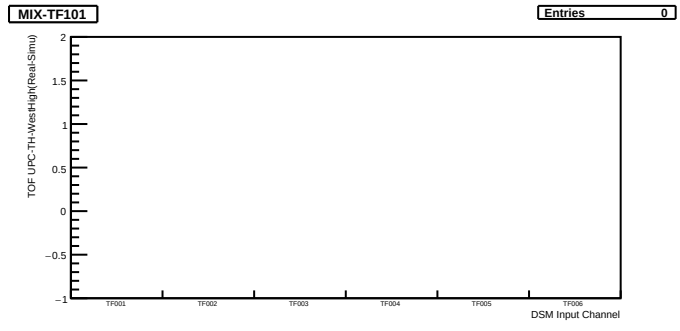

MIX-TF101
Entries 2496732
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

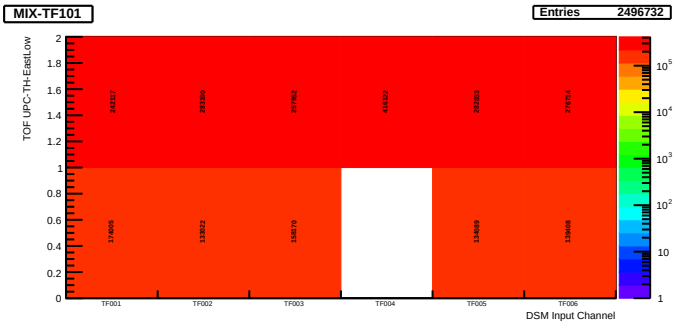

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

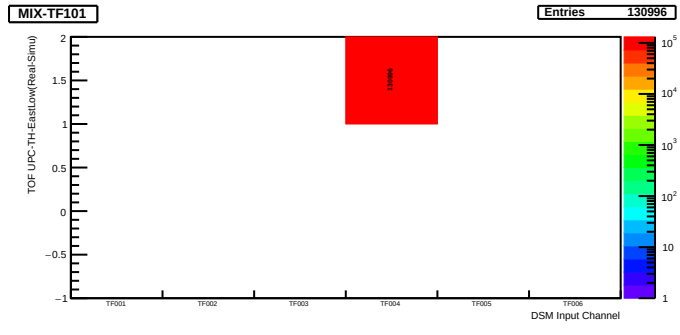

MIX-TF101
Entries 2496732
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

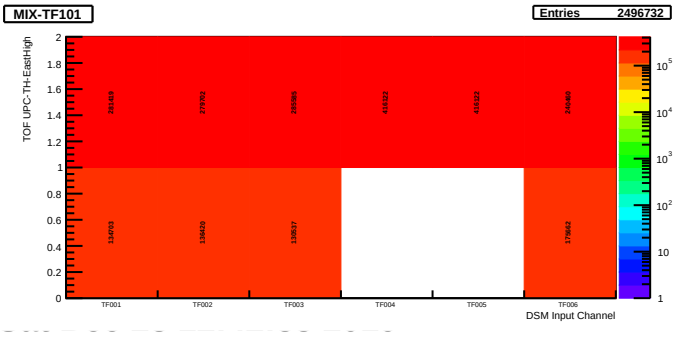

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

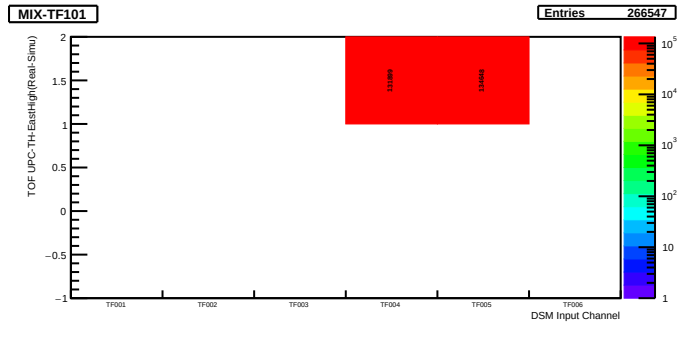

MIX-TF101
Entries 2496732
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

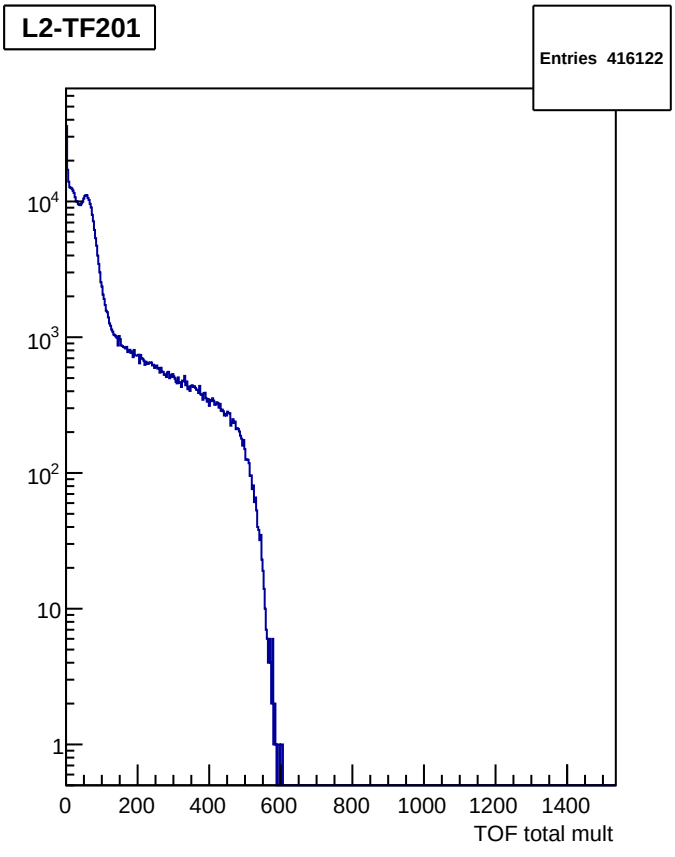

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

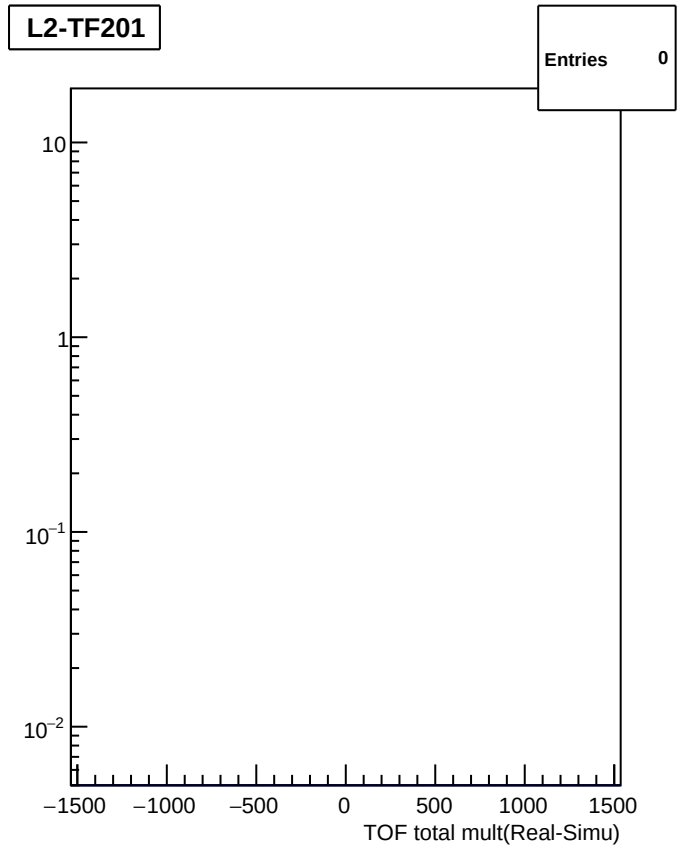

MIX-TF101
Entries 2496732
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

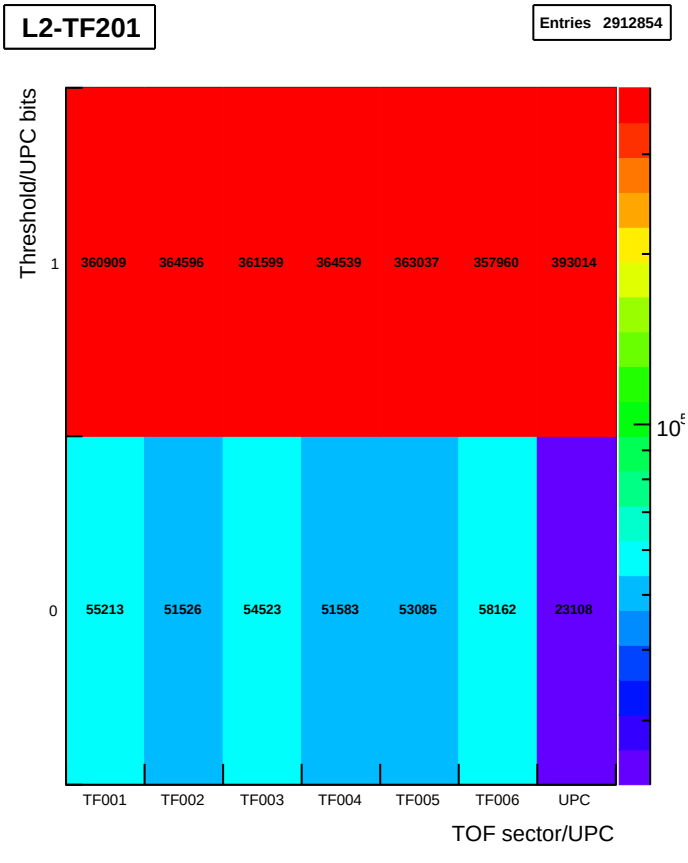

MIX-TF101
Entries 130996
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

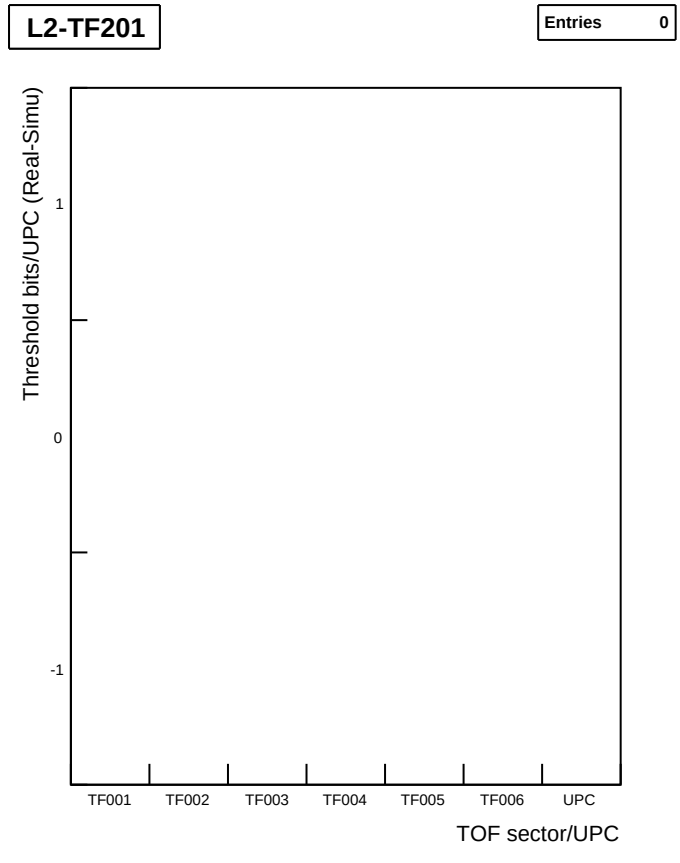

MIX-TF101
Entries 2496732
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

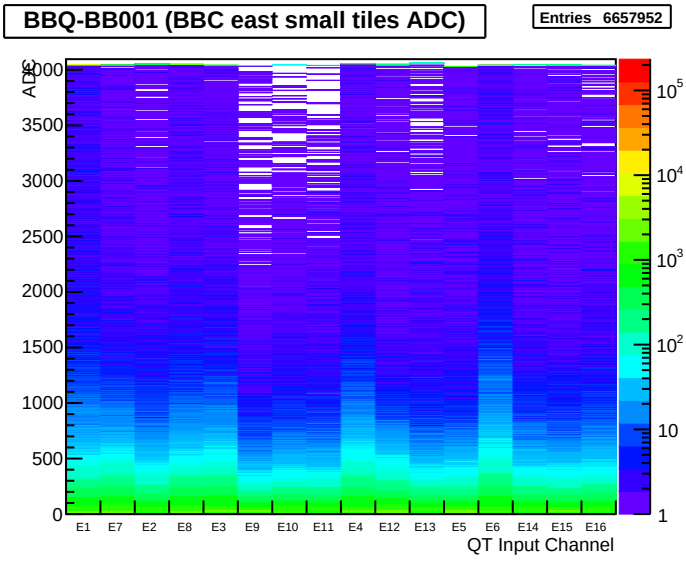

MIX-TF101
Entries 266547
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

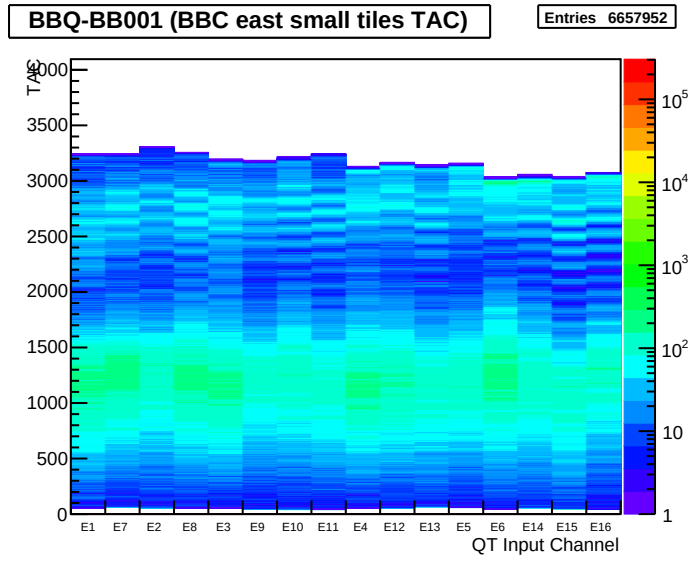

L2-TF201
Entries 416122
TOF total mult

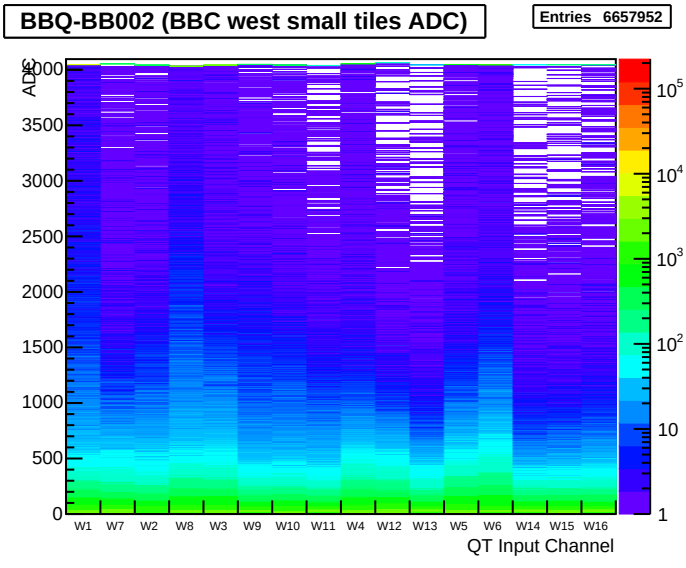

L2-TF201
Entries 0
TOF total mult(Real-Simu)

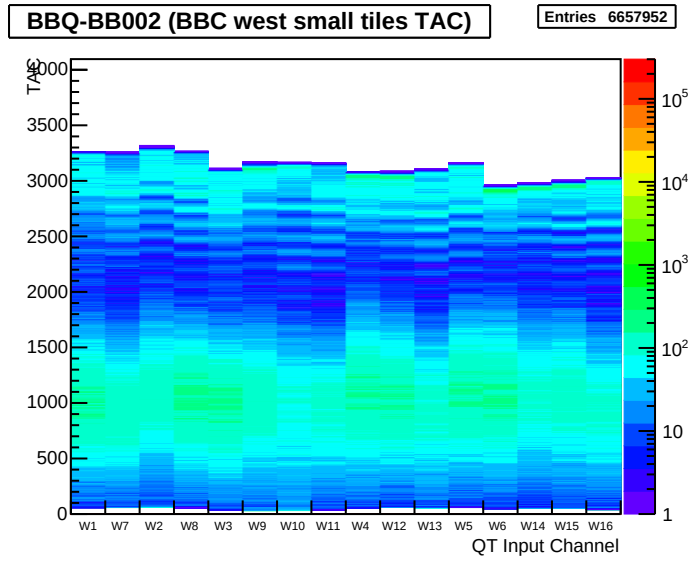

L2-TF201
Entries 2912854
Threshold/UPC bits
360909
364596
361599
364539
363037
357960
393014
55213
51526
54523
51583
53085
58162
23108
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

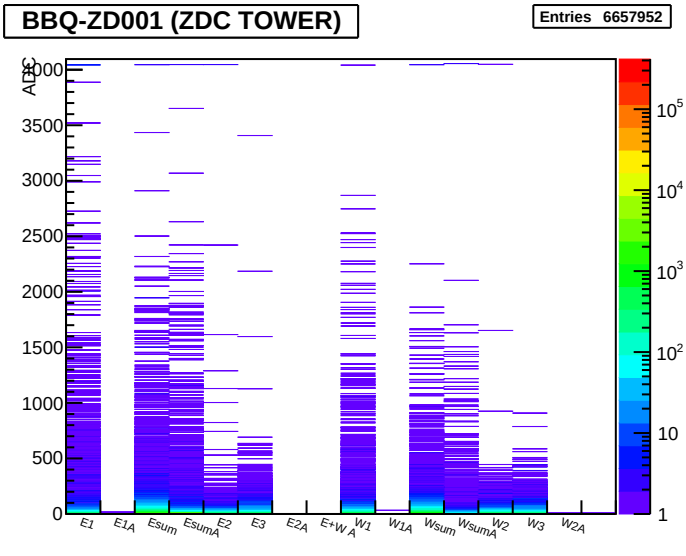

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

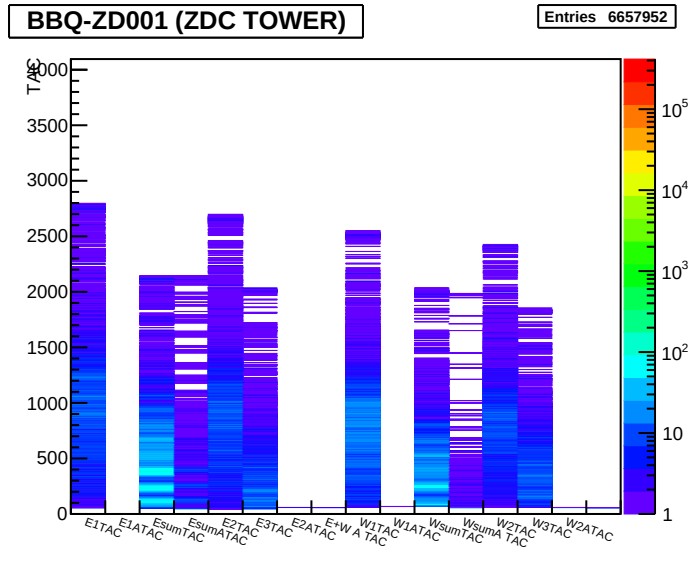

BBQ-BB001 (BBC east small tiles ADC)
Entries 6657952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

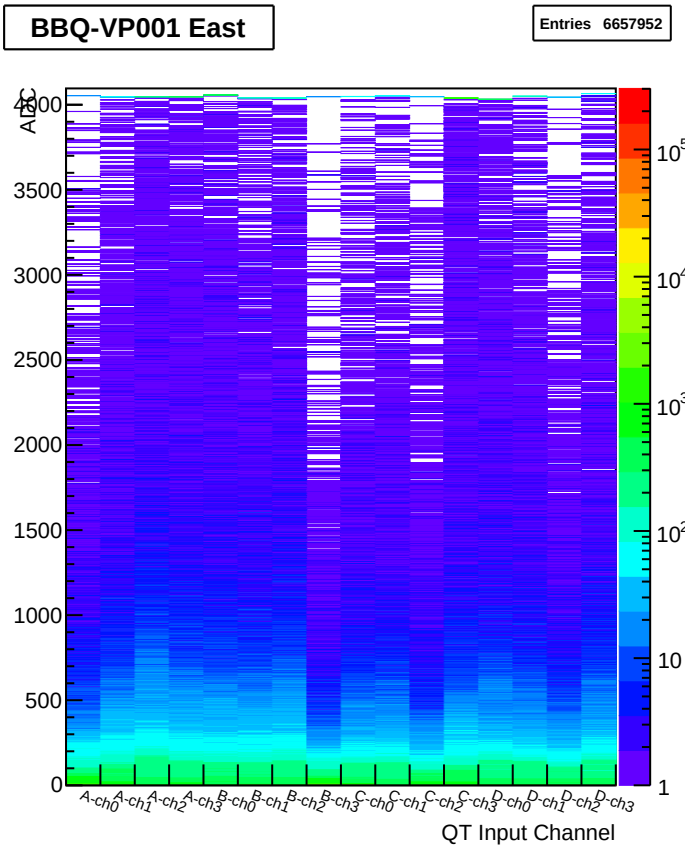

BBQ-BB001 (BBC east small tiles TAC)
Entries 6657952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

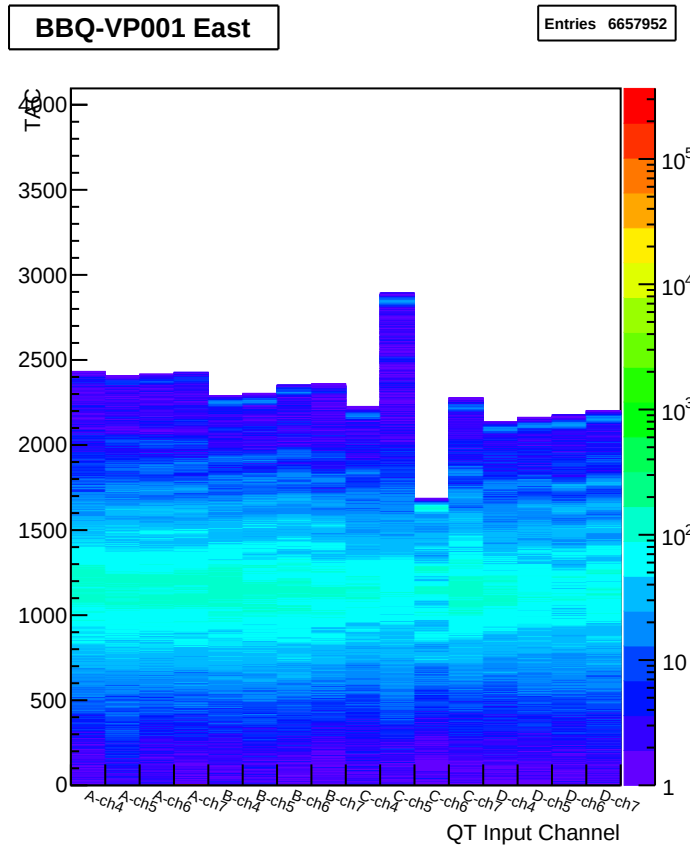

BBQ-BB002 (BBC west small tiles ADC)
Entries 6657952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

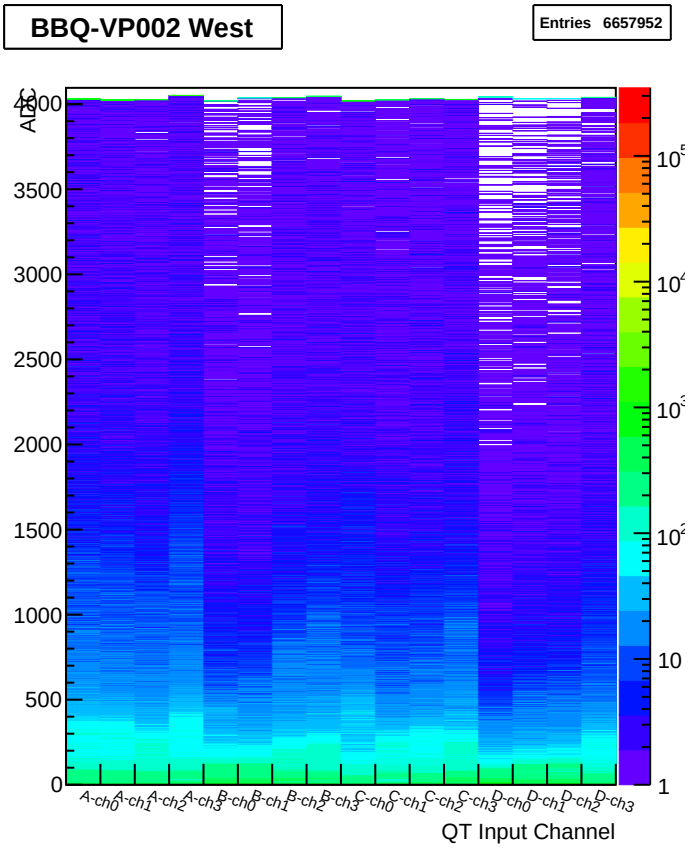

BBQ-BB002 (BBC west small tiles TAC)
Entries 6657952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

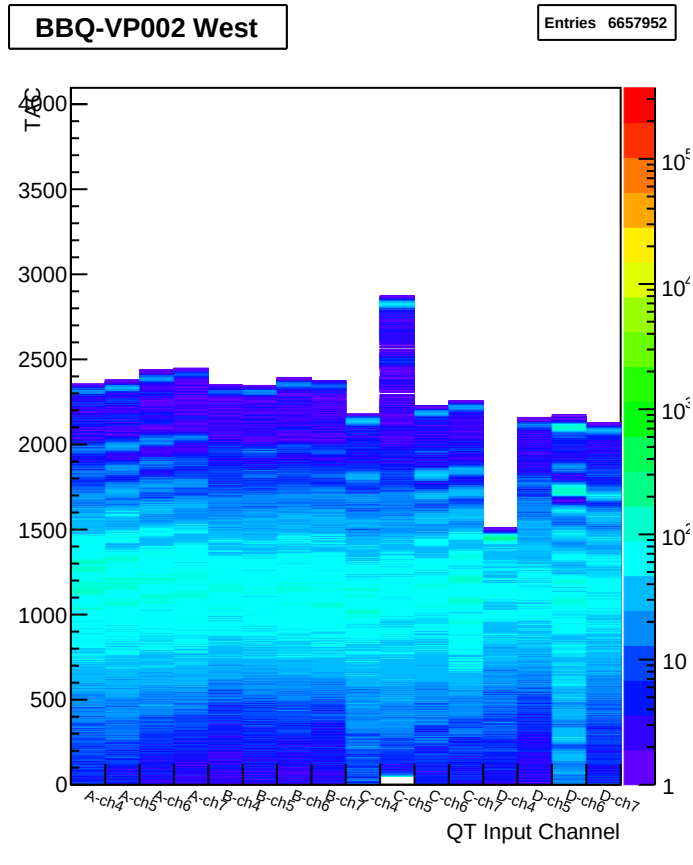

BBQ-ZD001 (ZDC TOWER)
Entries 6657952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

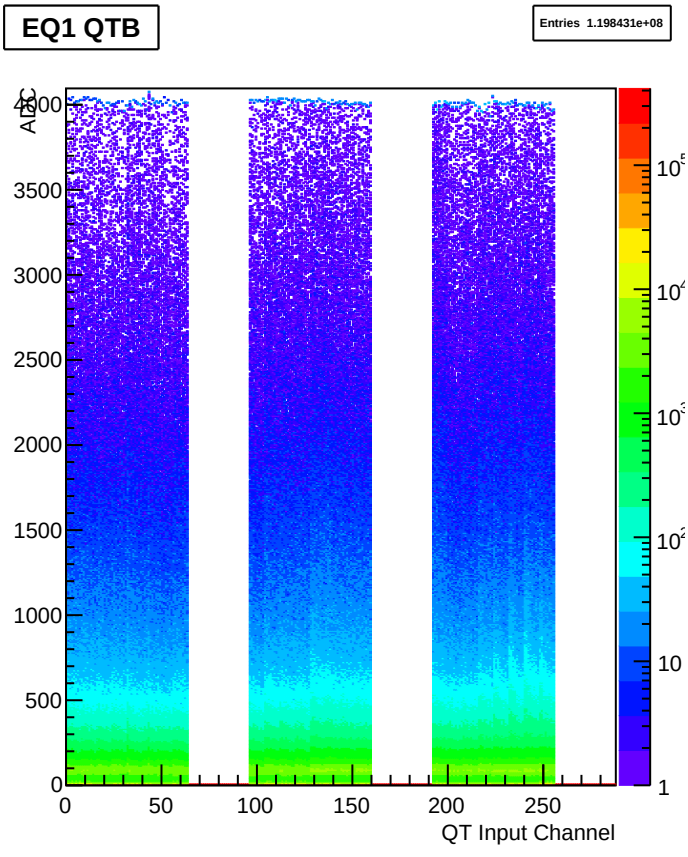

BBQ-ZD001 (ZDC TOWER)
Entries 6657952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

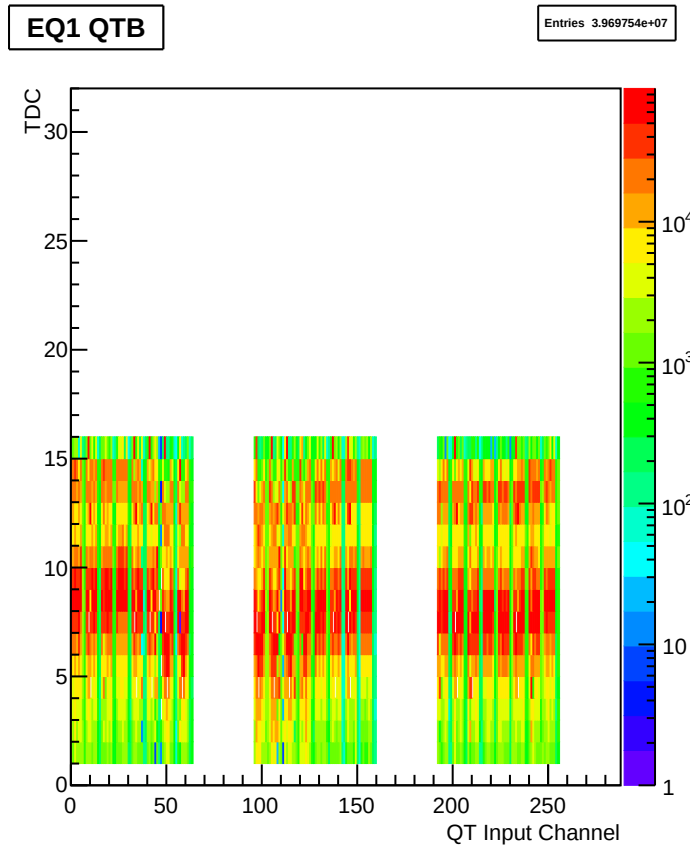

BBQ-VP001 East
Entries 6657952
ADC
QT Input Channel

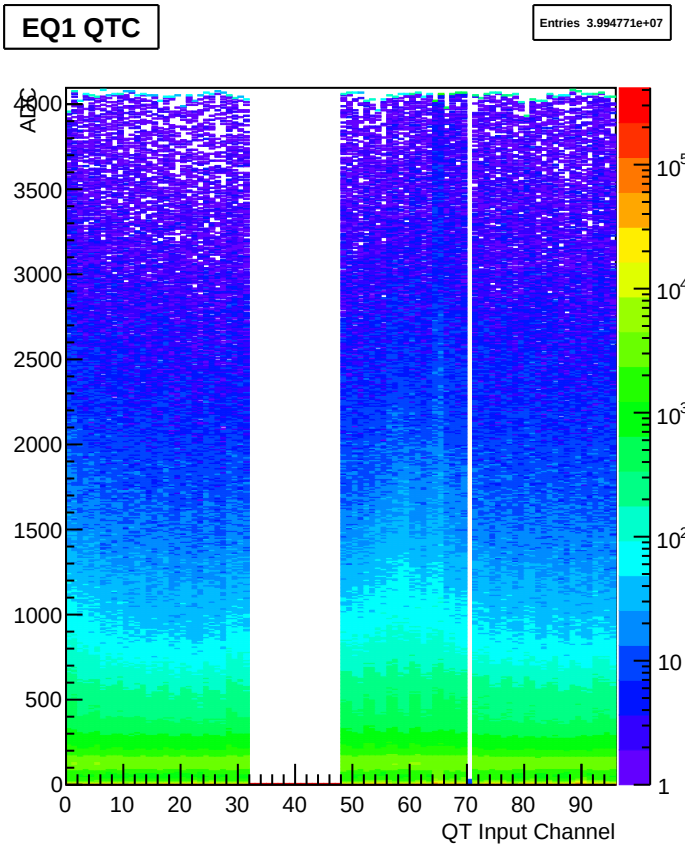

BBQ-VP001 East
Entries 6657952
TAC
QT Input Channel

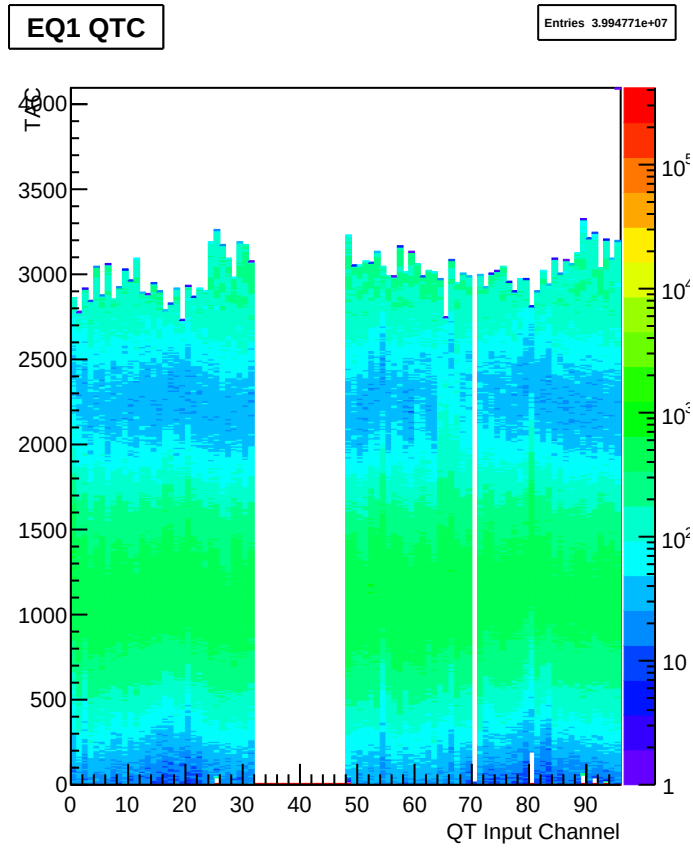

BBQ-VP002 West
Entries 6657952
ADC
QT Input Channel

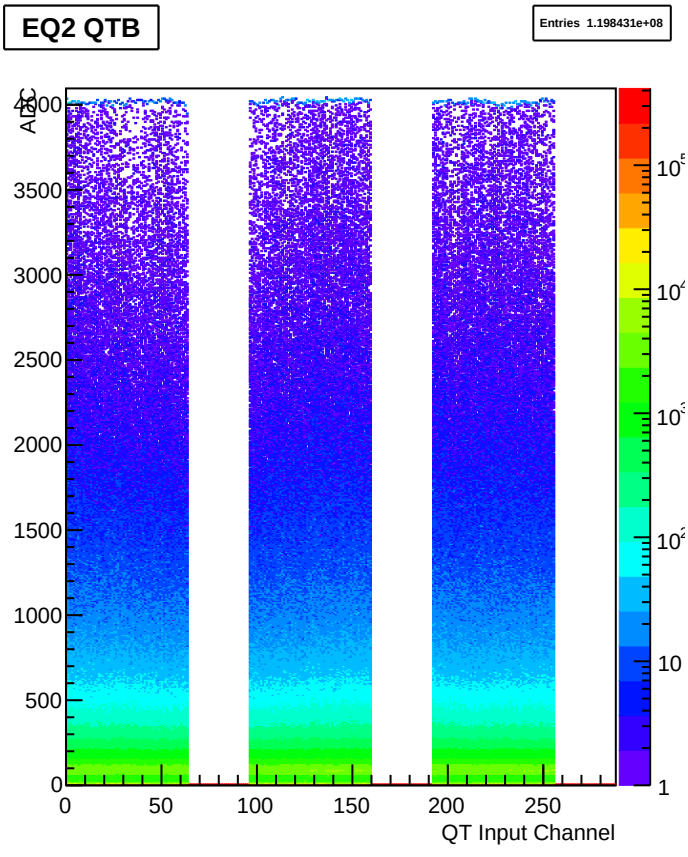

BBQ-VP002 West
Entries 6657952
TAC
QT Input Channel

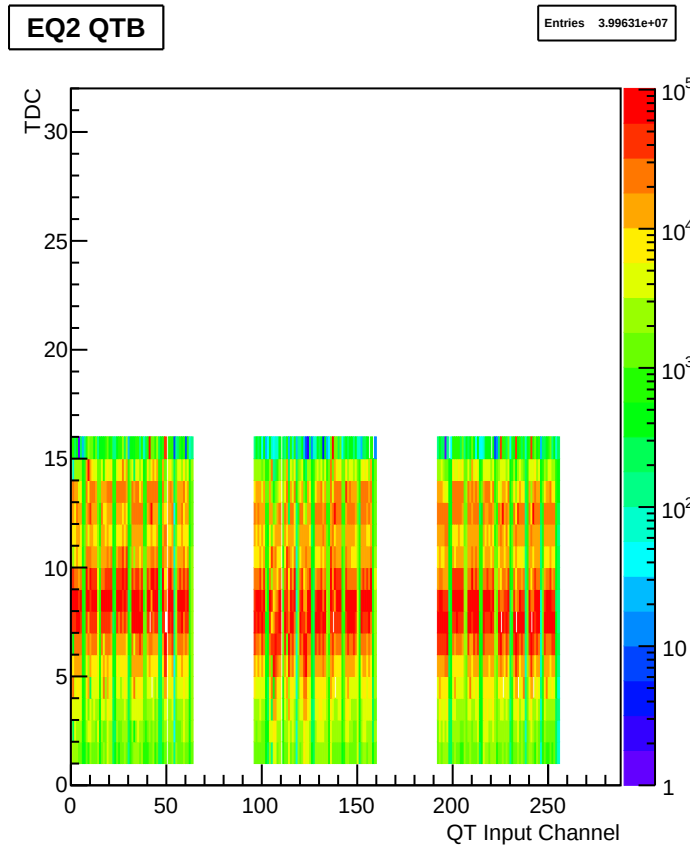

EQ1 QTB
Entries 1.198431e+08
ADC
QT Input Channel

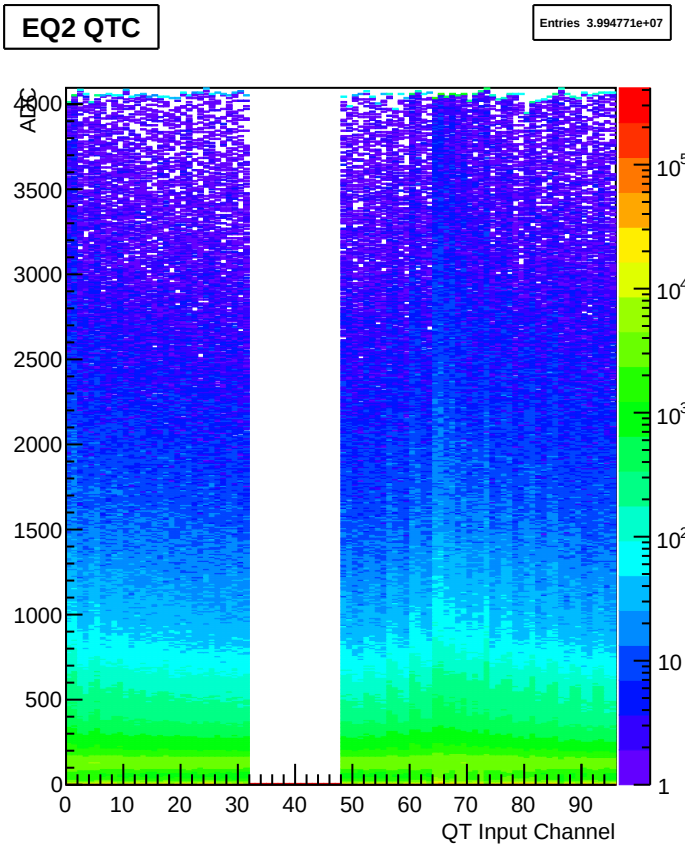

EQ1 QTB
Entries 3.969754e+07
TDC
QT Input Channel

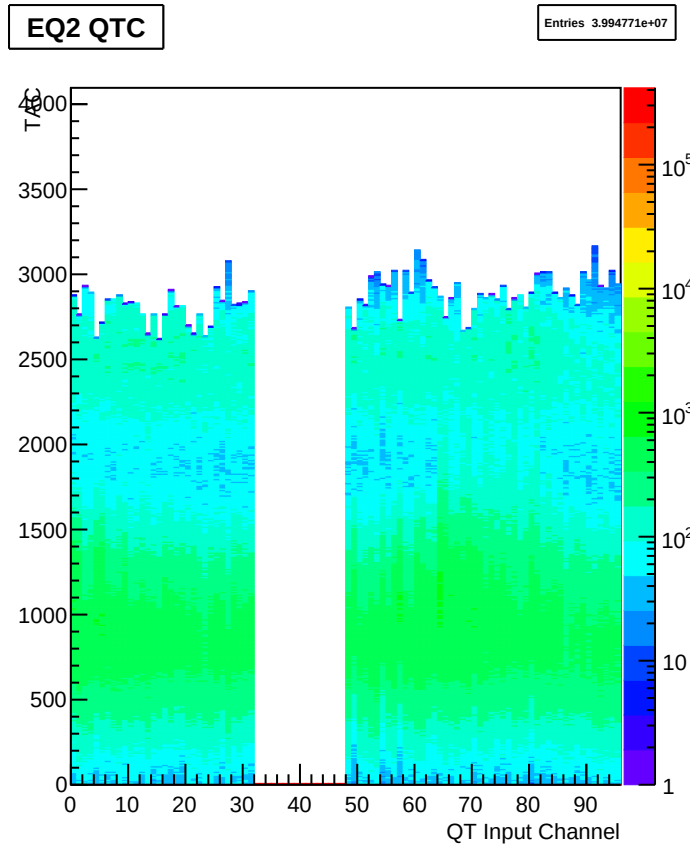

EQ1 QTC
Entries 3.994771e+07
ADC
QT Input Channel

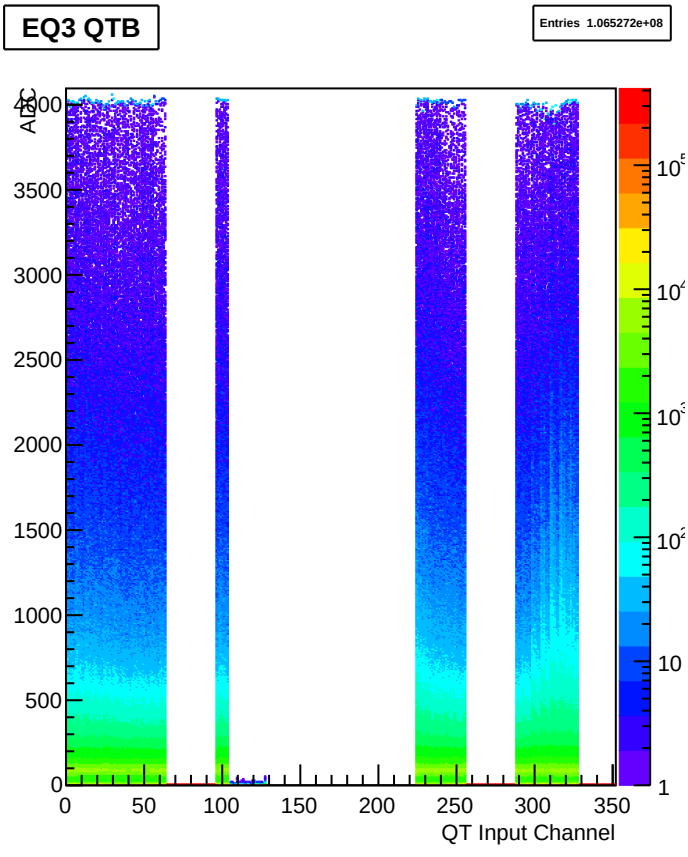

EQ1 QTC
Entries 3.994771e+07
TADC
QT Input Channel

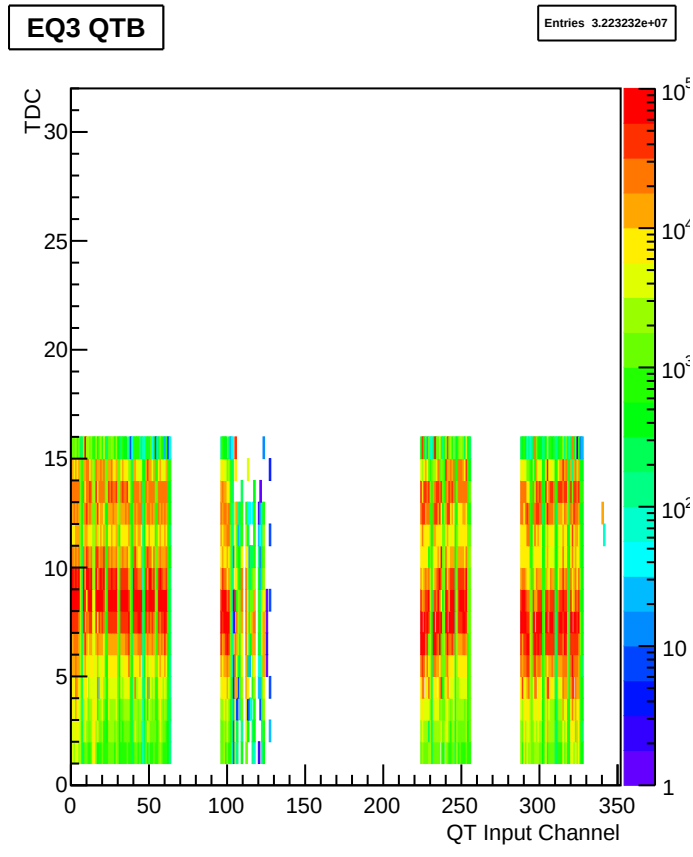

EQ2 QTB
Entries 1.198431e+08
ADC
QT Input Channel

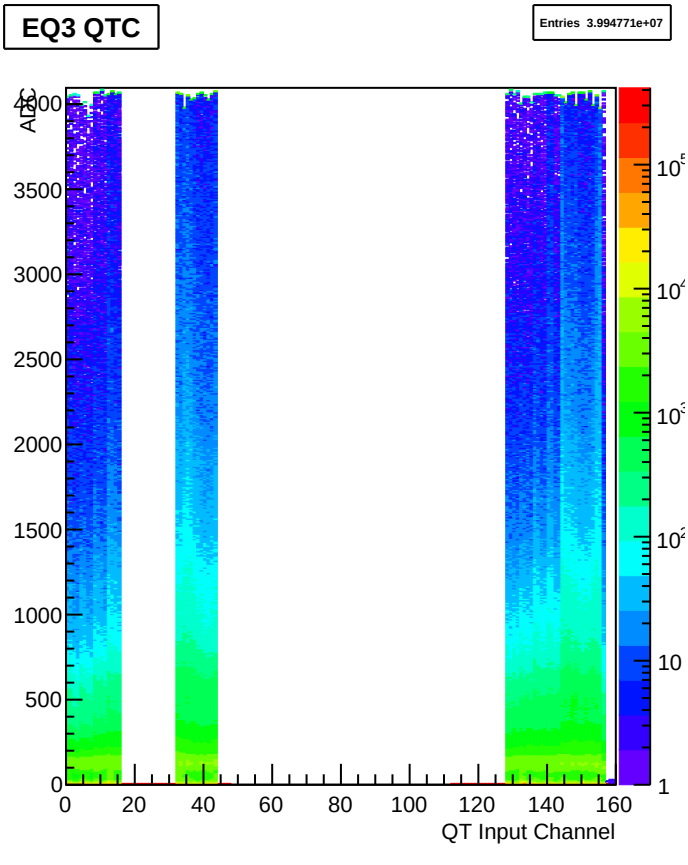

EQ2 QTB
Entries 3.99631e+07
TDC
QT Input Channel

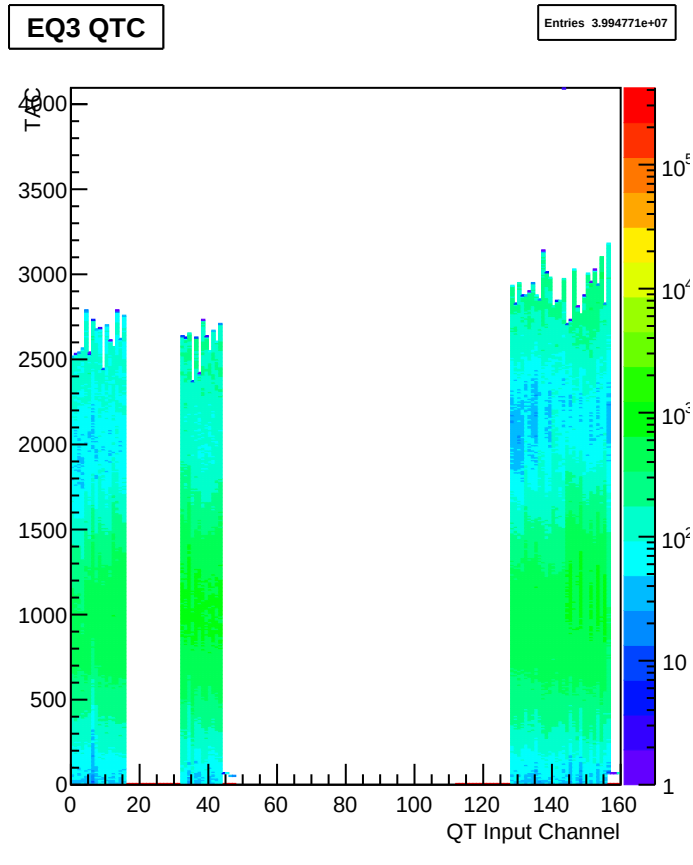

EQ2 QTC
Entries 3.994771e+07
ADC
QT Input Channel

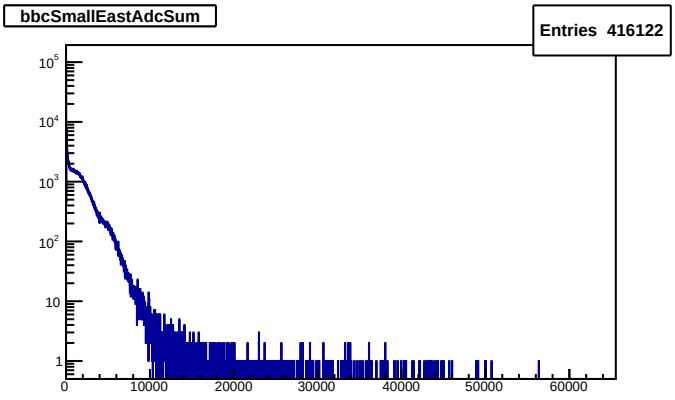

EQ2 QTC
Entries 3.994771e+07
TADC
QT Input Channel

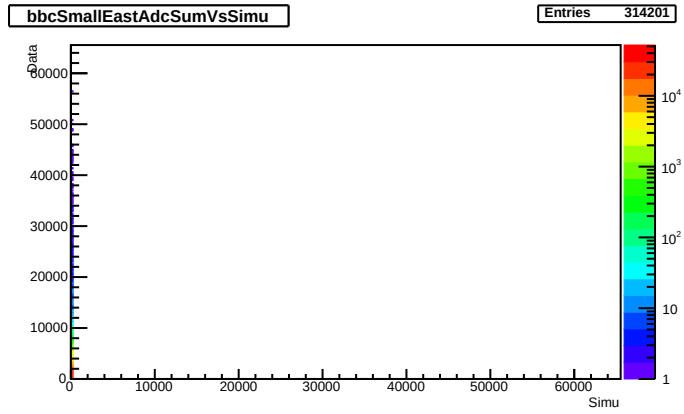

EQ3 QTB
Entries 1.065272e+08
ADC
QT Input Channel

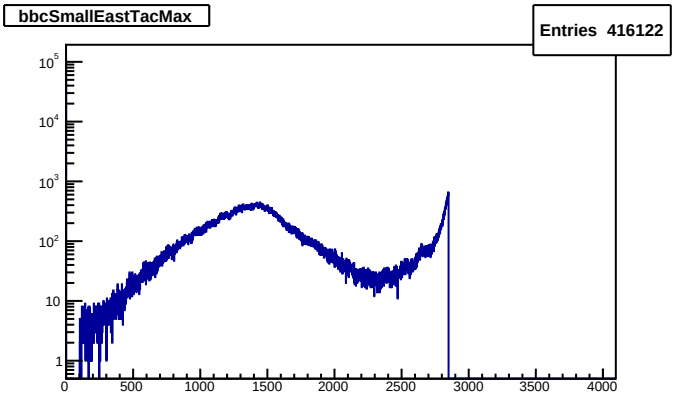

EQ3 QTB
Entries 3.223232e+07
TDC
QT Input Channel

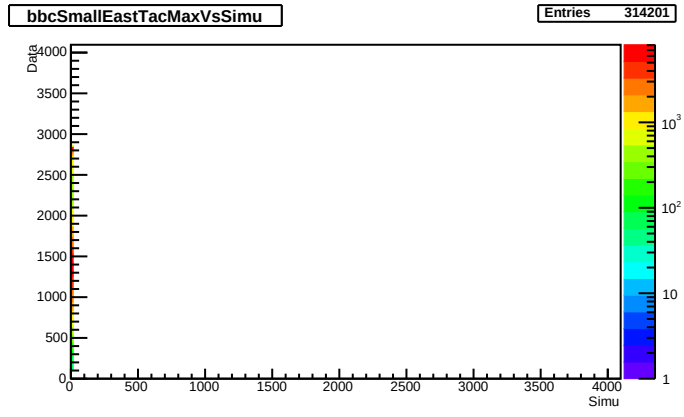

EQ3 QTC
Entries 3.994771e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.994771e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 416122


bbcSmallEastAdcSumVsSimu
Entries 314201
Data
Simu


bbcSmallEastTacMax
Entries 416122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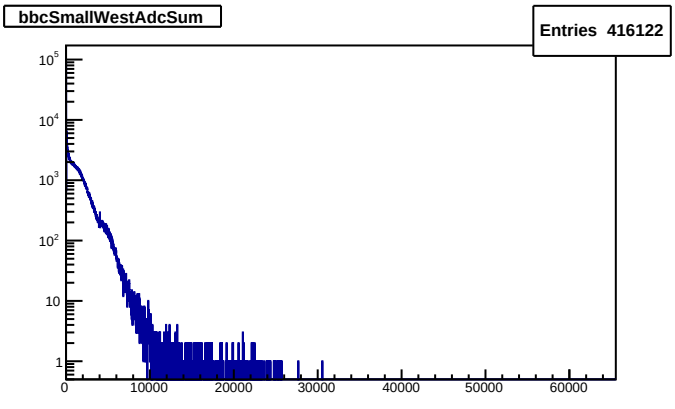
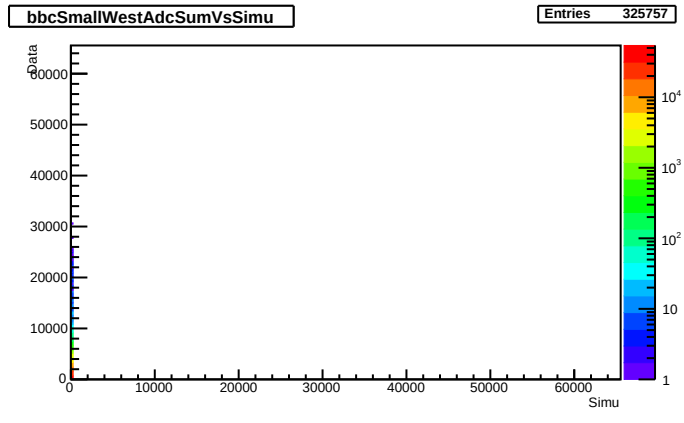
Entries 314201
Data
Simu


bbcSmallWestAdcSum
Entries 416122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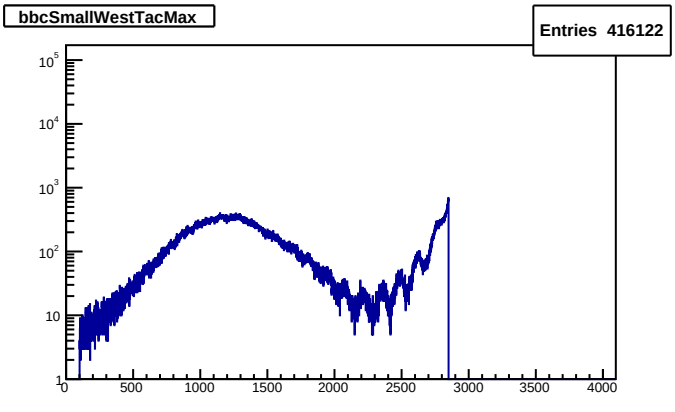
Entries 325757
Data
Simu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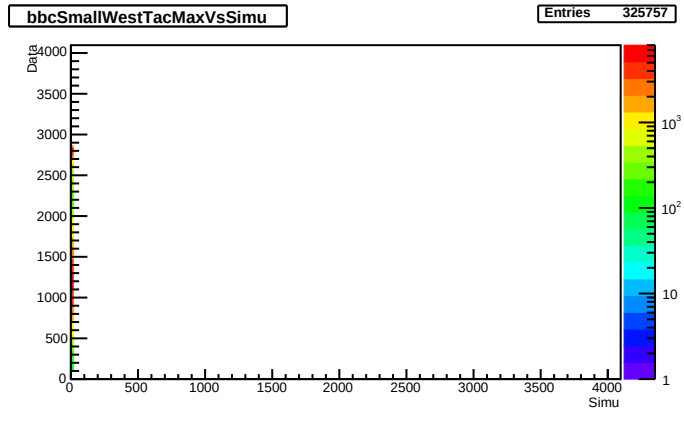
Entries 416122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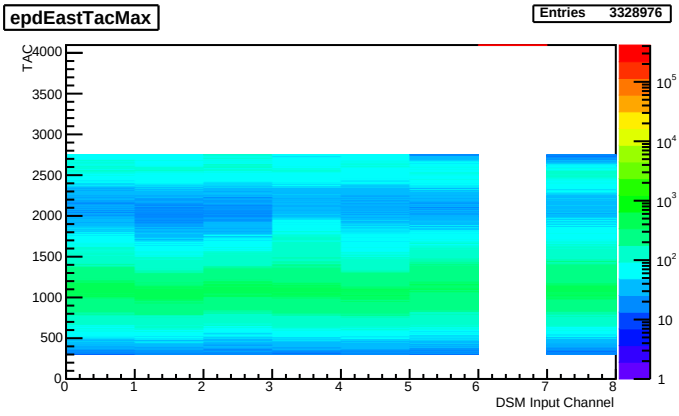
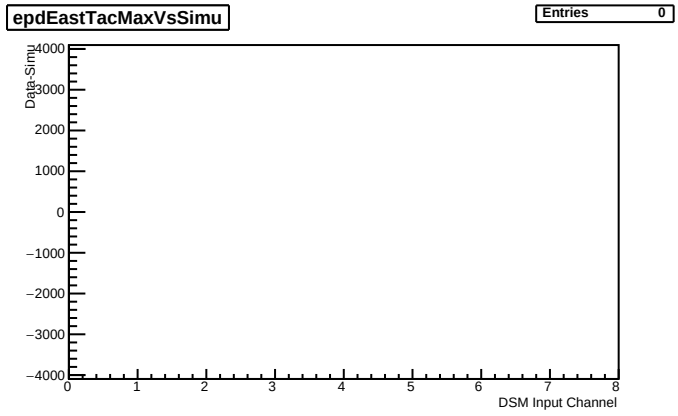
Entries 325757
Data
Simu


epdEastTacMax
Entries 3328976
TAC
DSM Input Channel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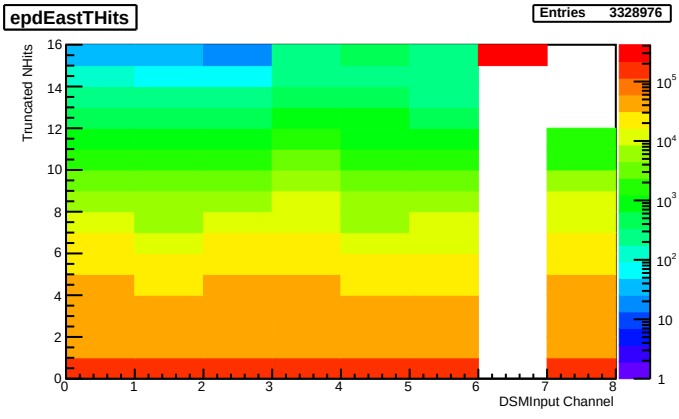
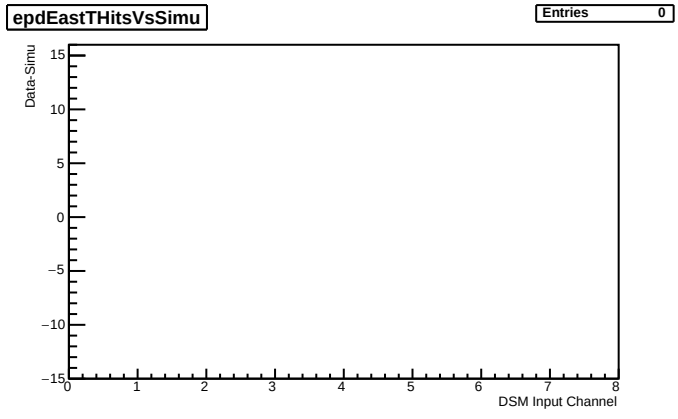
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3328976
Truncated NHits
DSMInput Channel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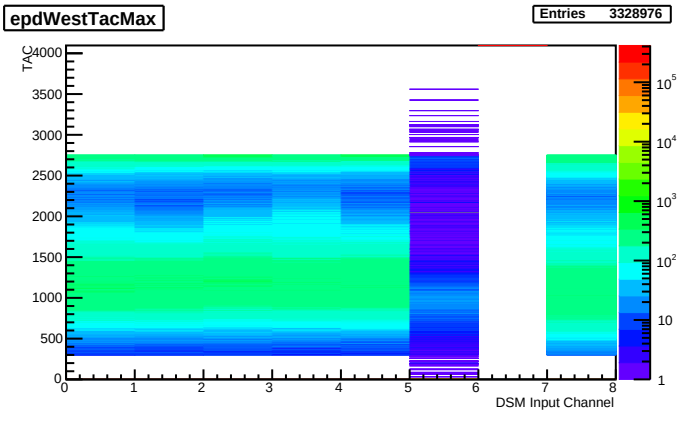
Entries 0
Data-Simu
DSM Input Channel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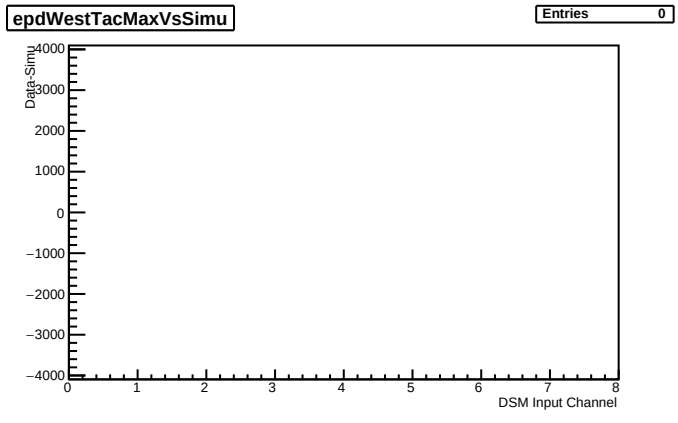
Entries 3328976
TAC
DSM Input Channel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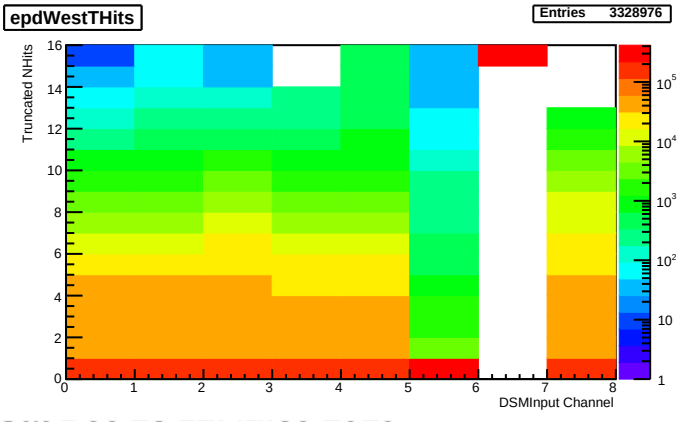
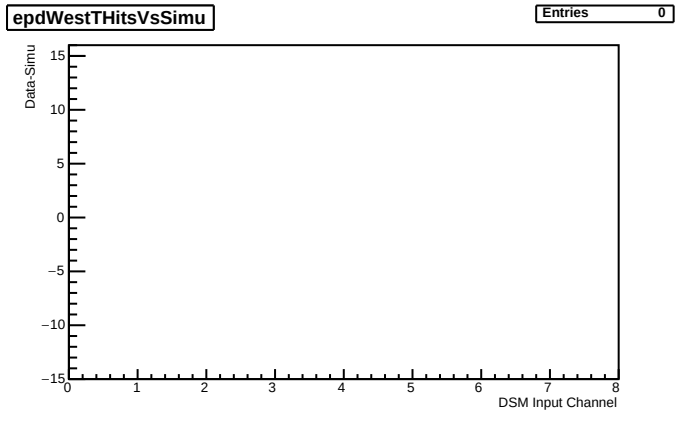
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3328976
Truncated NHits
DSMInput Channel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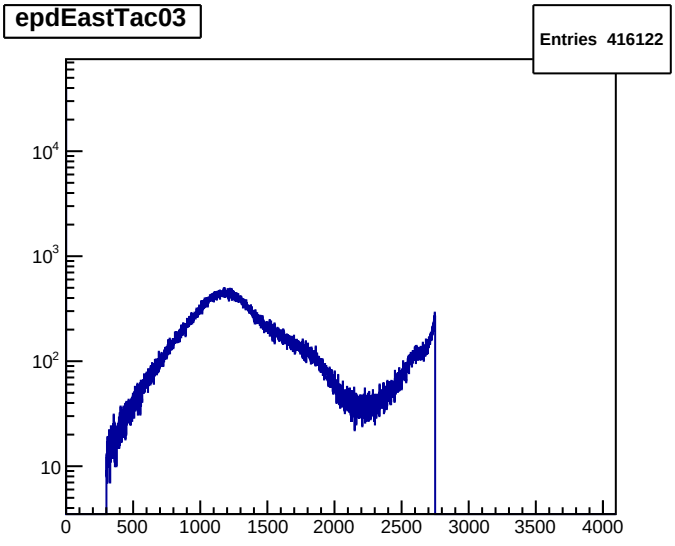
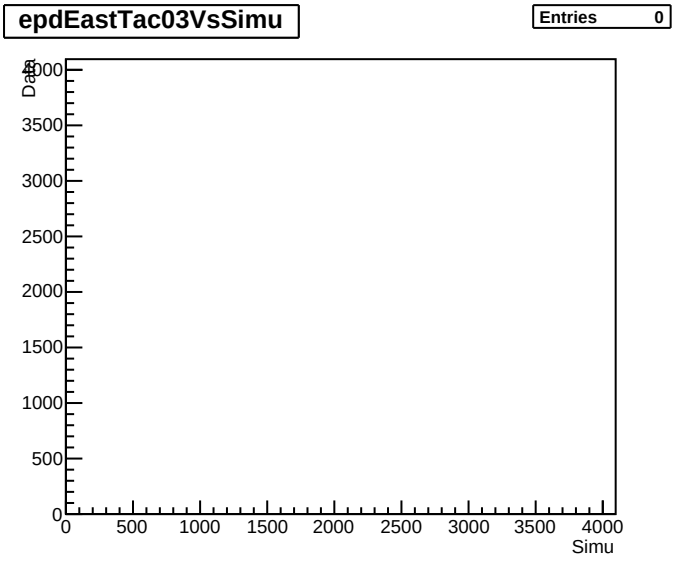
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 416122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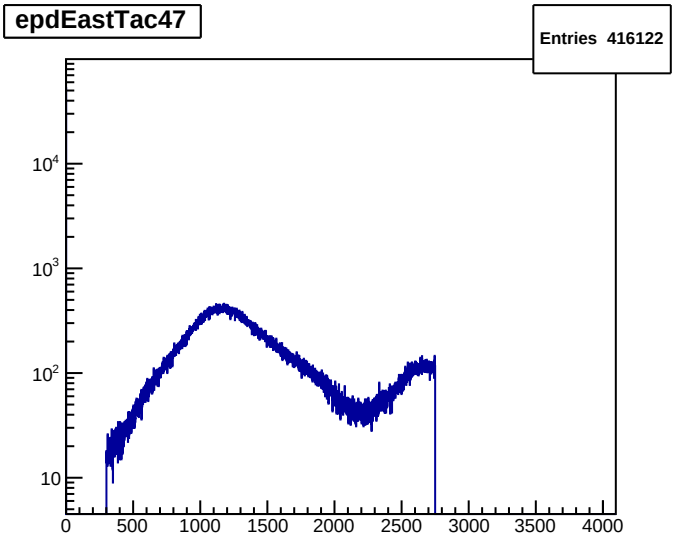
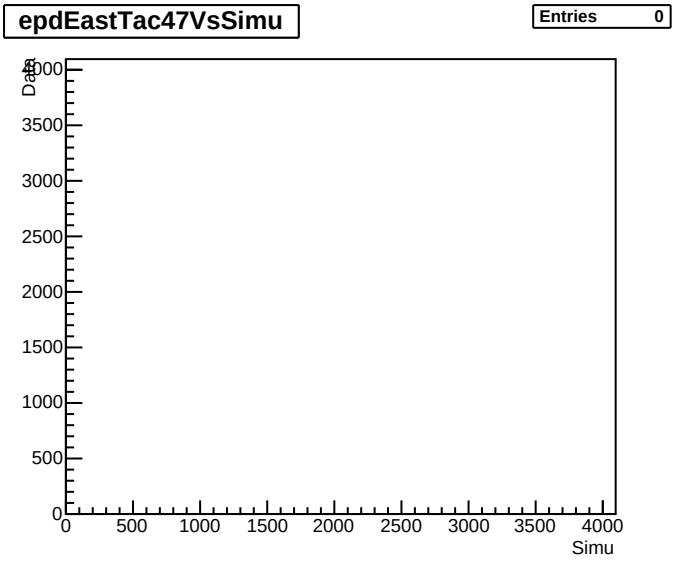
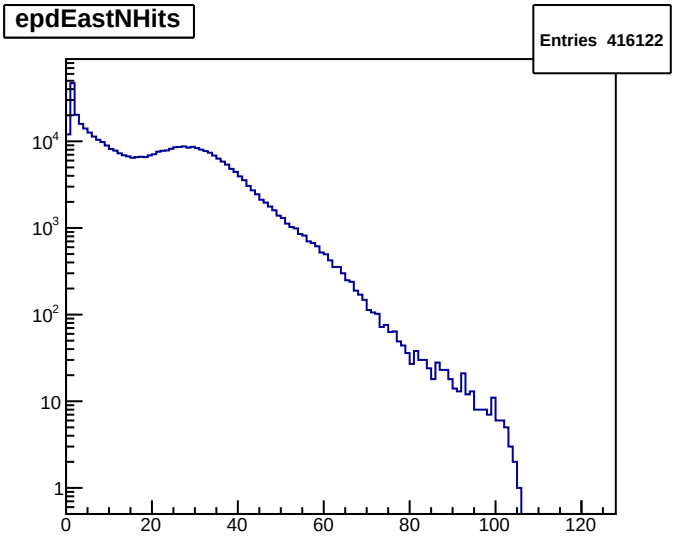
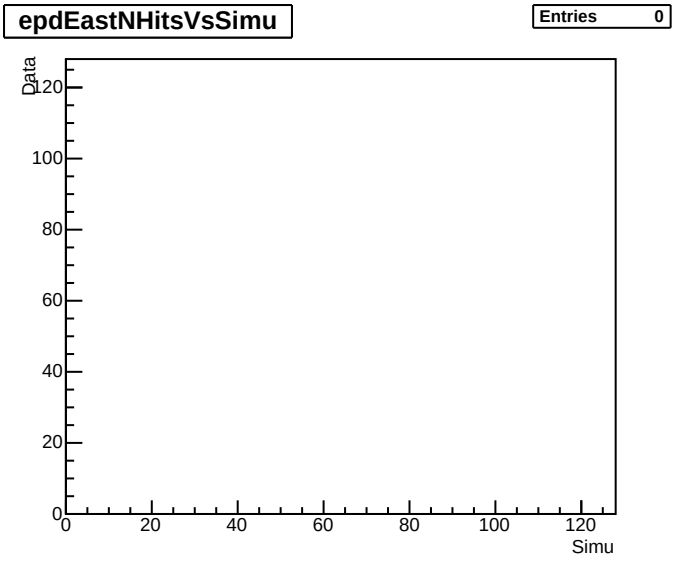
Entries 0
Data
Simu


epdEastTac47
Entries 416122


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 416122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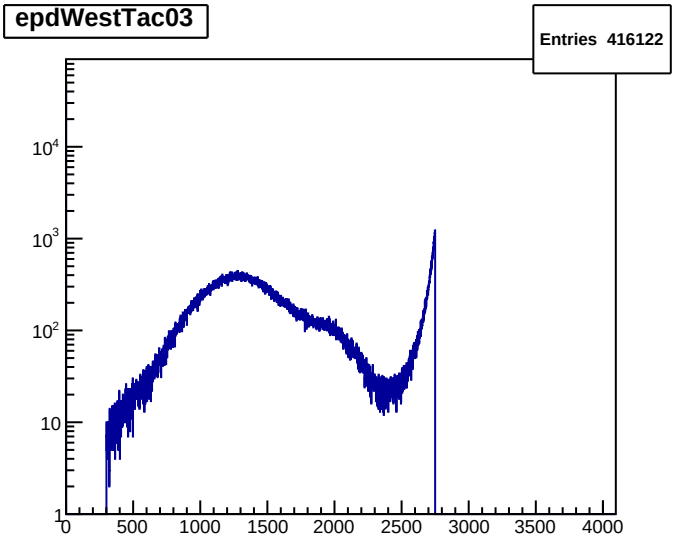
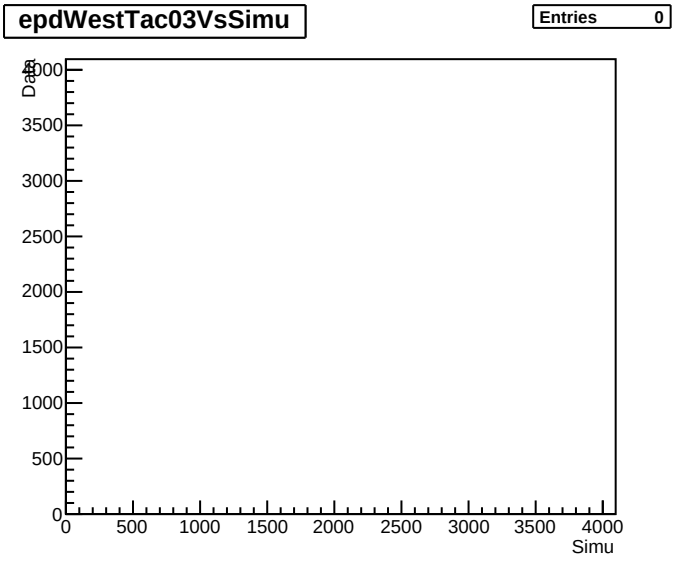
Entries 0
Data
Simu


epdWestTac03
Entries 416122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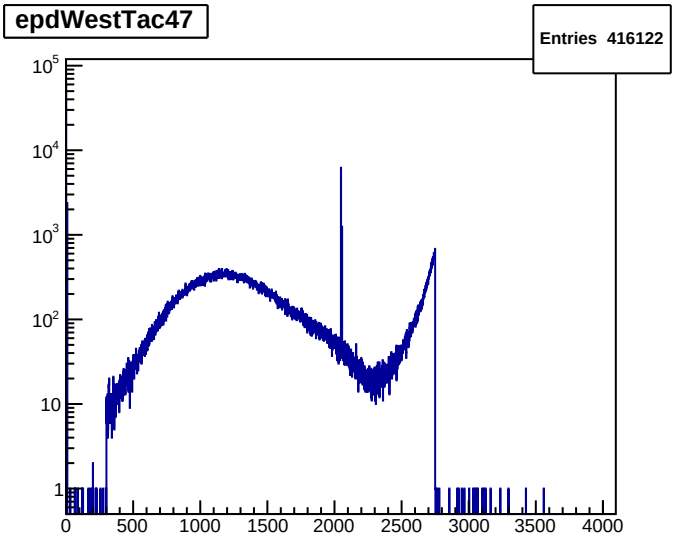
Entries 0
Data
Simu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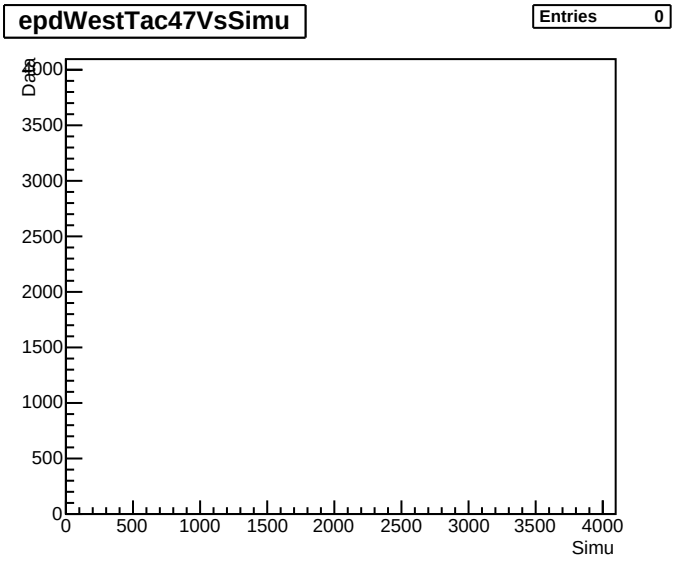
Entries 416122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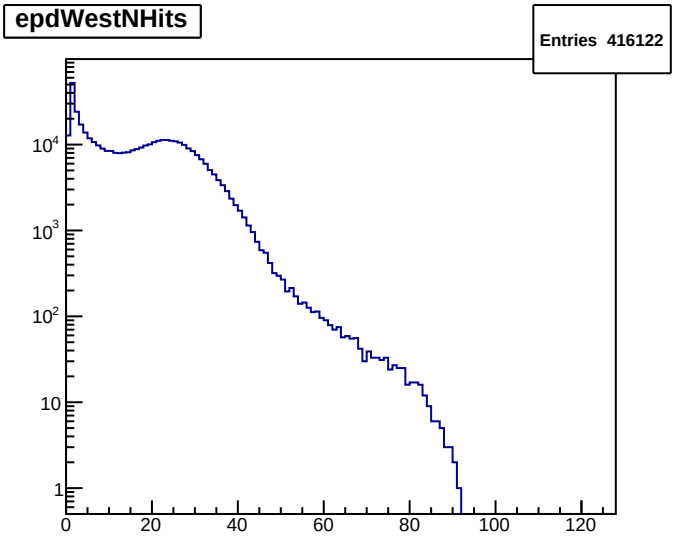
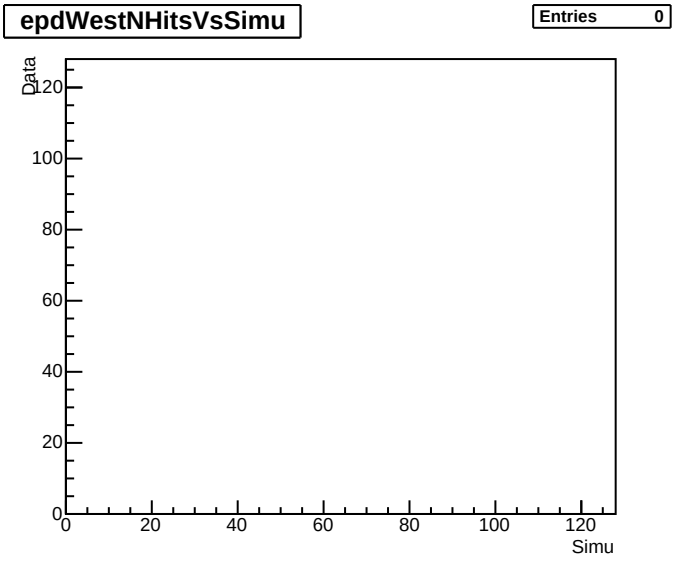
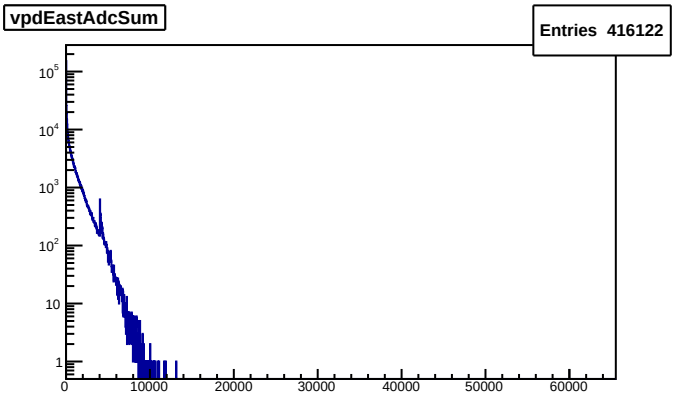
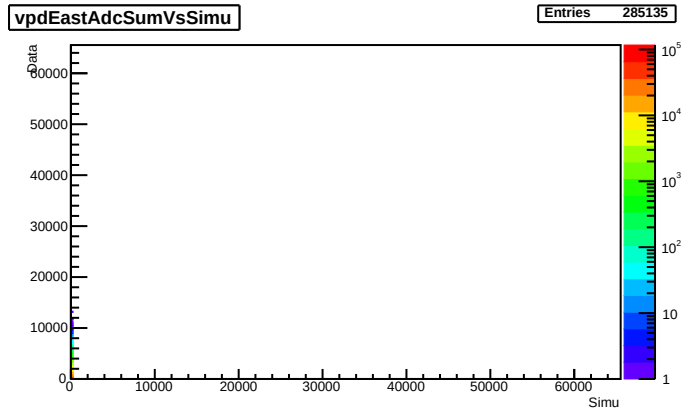
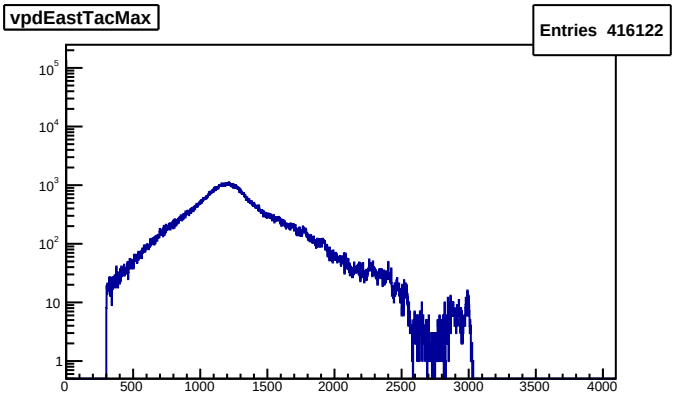
Entries 0
Data
Simu

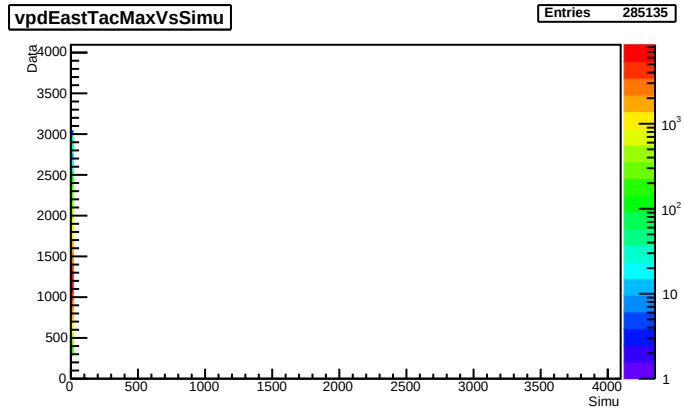

epdWestNHits
Entries 416122

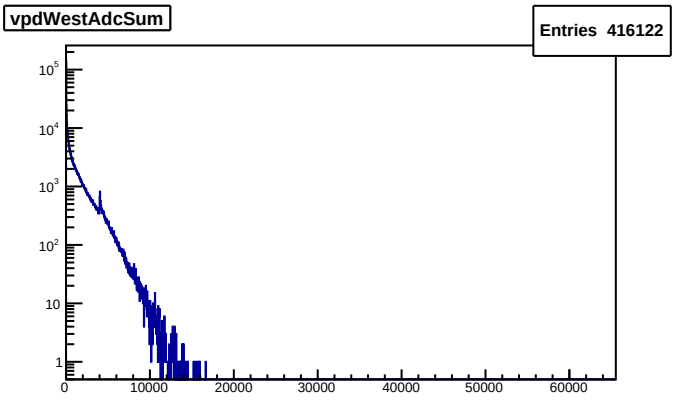

epdWestNHitsVsSimu
Entries 0
Data
Simu

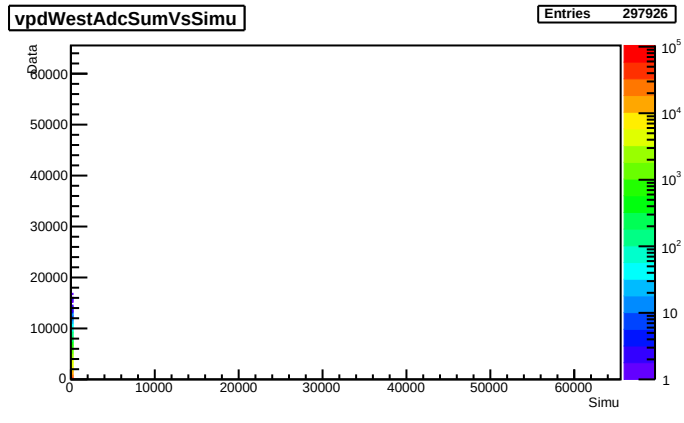

vpdEastAdcSum
Entries 416122

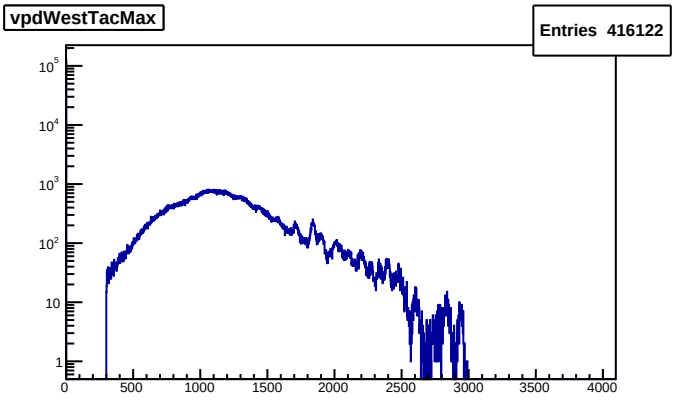

vpdEastAdcSumVsSimu
Entries 285135
Data
Simu

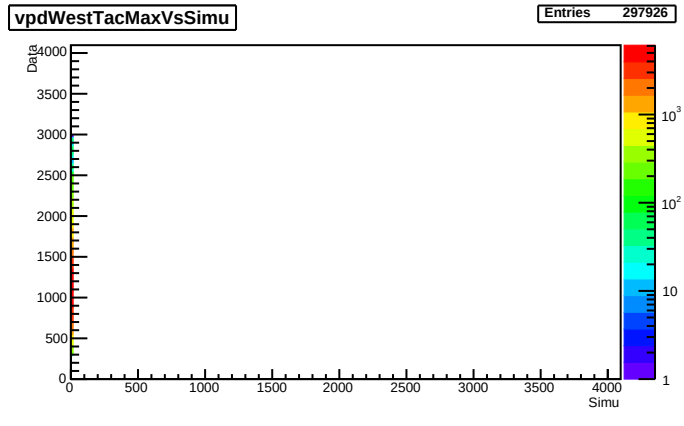

vpdEastTacMax
Entries 416122

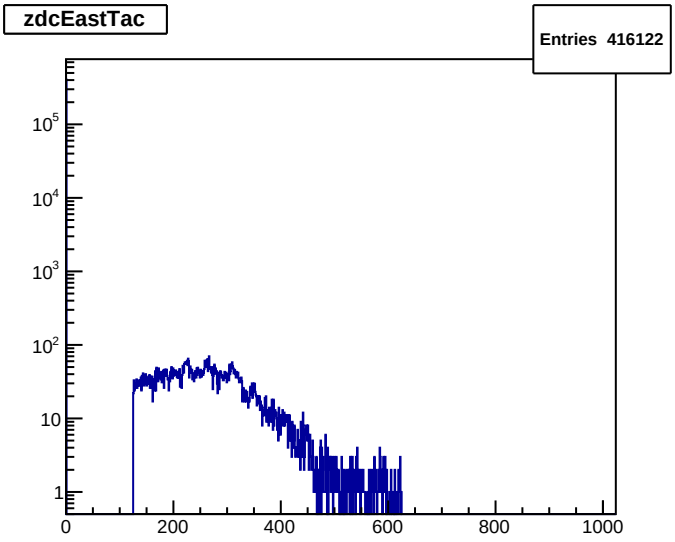

vpdEastTacMaxVsSimu
Entries 285135
Data
Simu

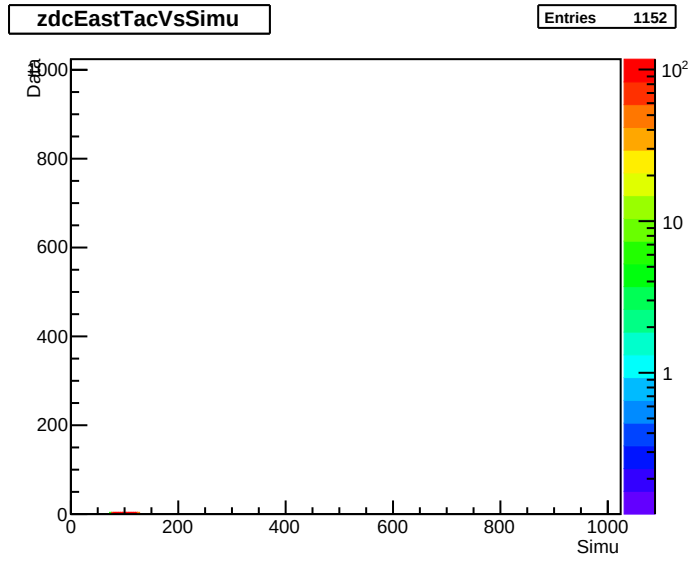

vpdWestAdcSum
Entries 416122

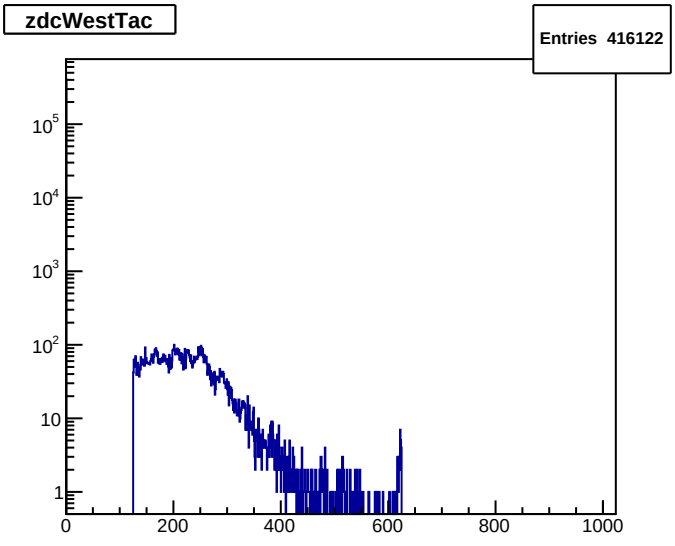

vpdWestAdcSumVsSimu
Entries 297926
Data
Simu

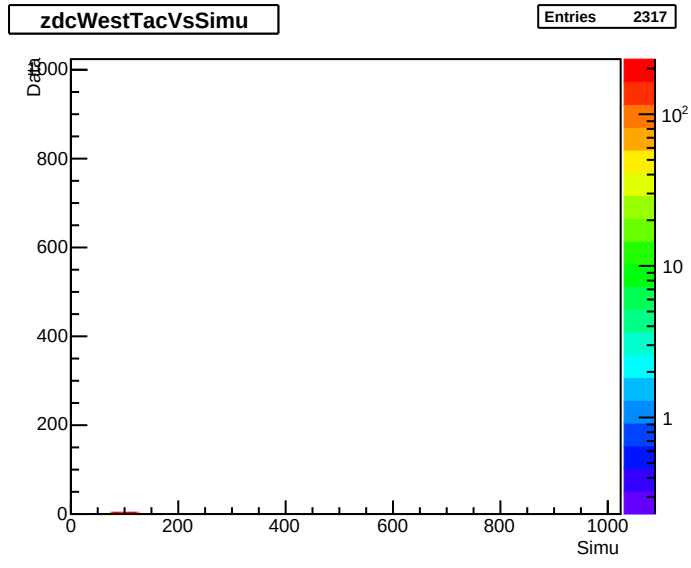

vpdWestTacMax
Entries 416122

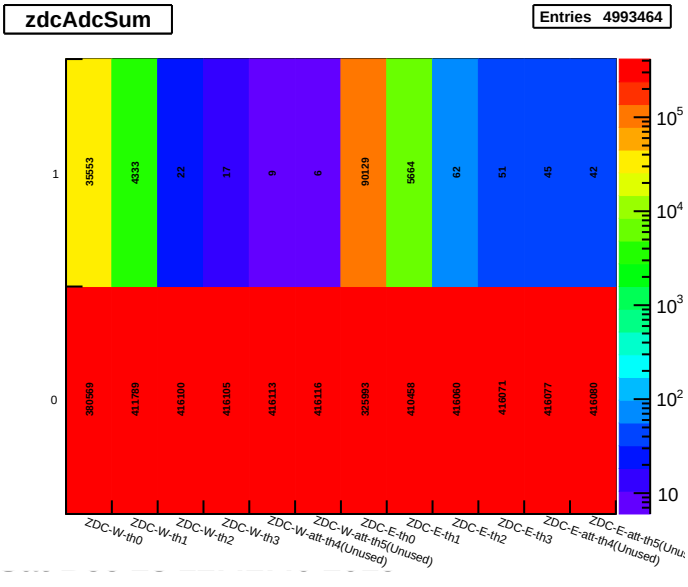

vpdWestTacMaxVsSimu
Entries 297926
Data
Simu

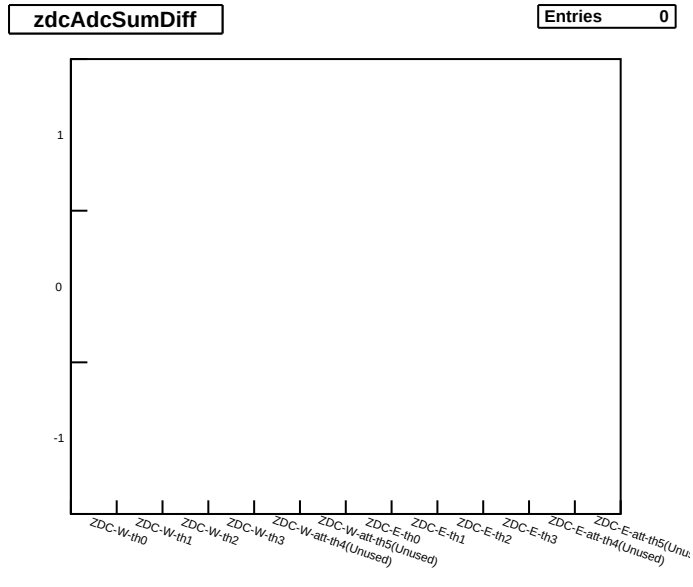

zdcEastTac
Entries 416122

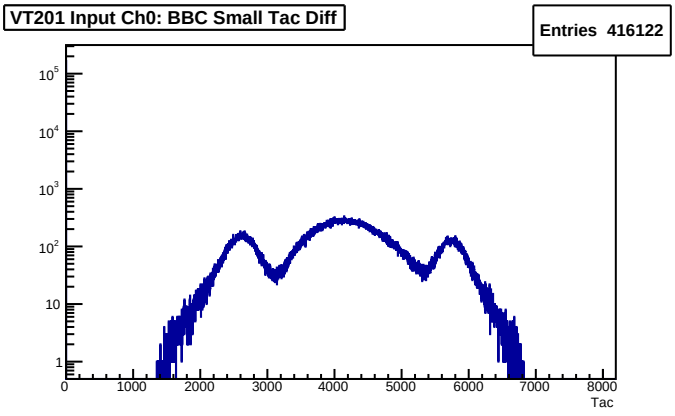

zdcEastTacVsSimu
Entries 1152
Data
Simu

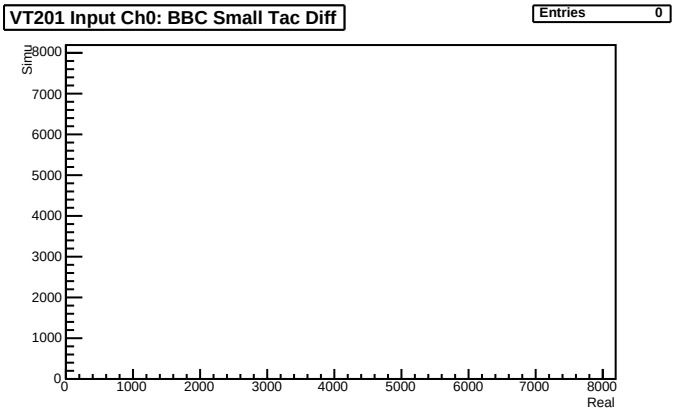

zdcWestTac
Entries 416122

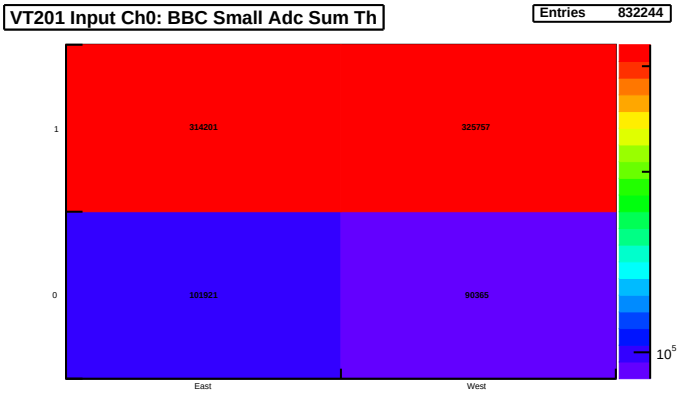

zdcWestTacVsSimu
Entries 2317
Data
Simu

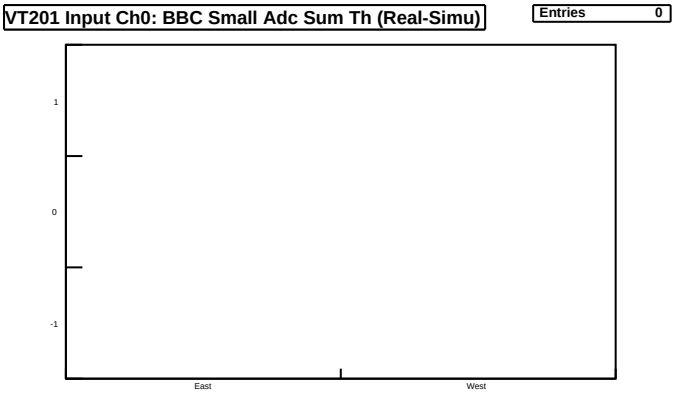

zdcAdcSum
Entries 4993464
35553
4333
22
17
9
6
90129
5664
62
51
45
42
380569
411789
416100
416105
416113
416116
325993
410498
416060
416071
416077
416080
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

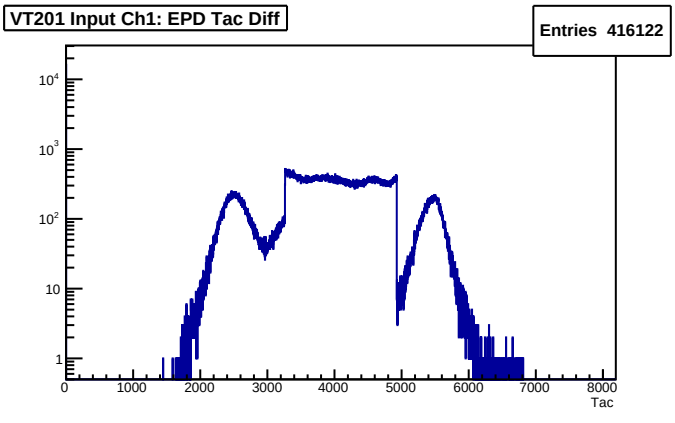

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

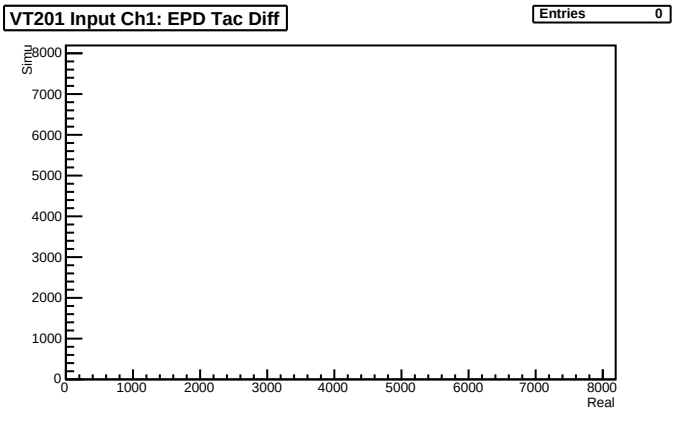

VT201 Input Ch0: BBC Small Tac Diff
Entries 416122
Tac

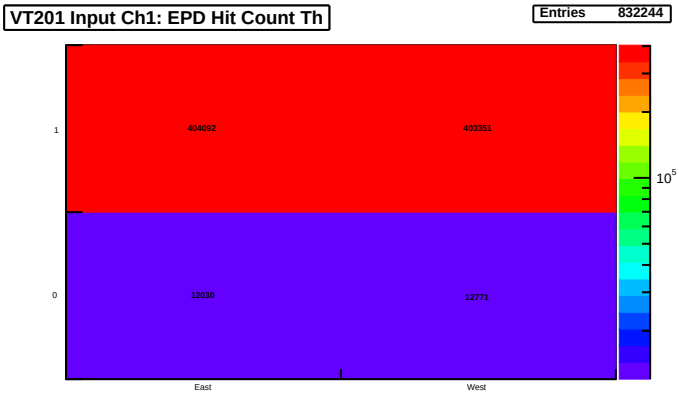

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

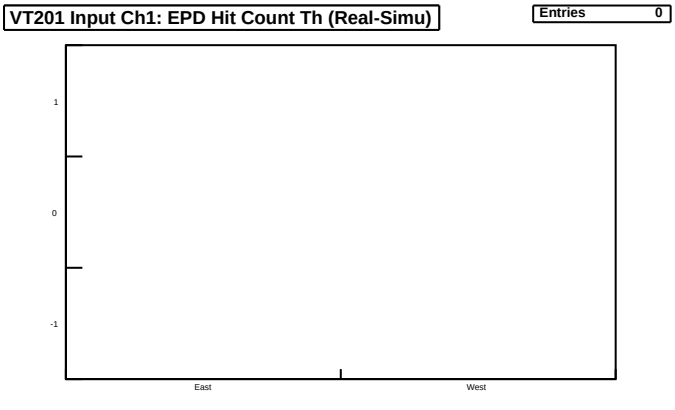

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 832244
314201
325757
101921
90365
East
West

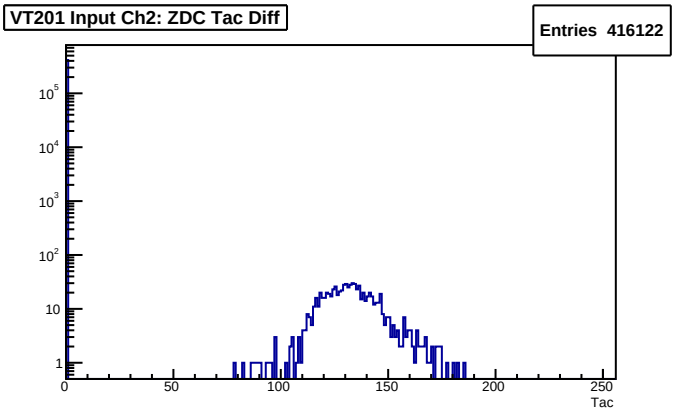

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

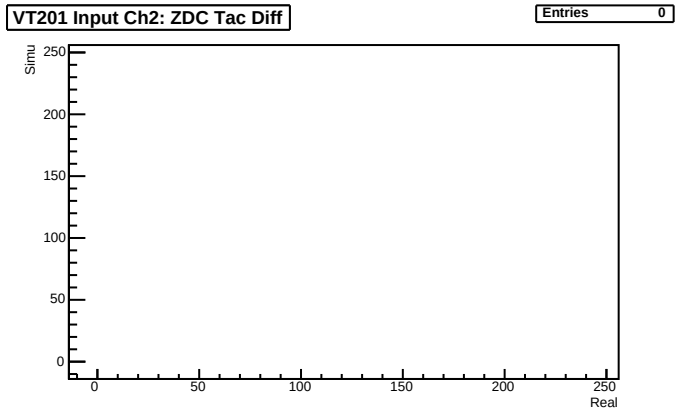

VT201 Input Ch1: EPD Tac Diff
Entries 416122
Tac

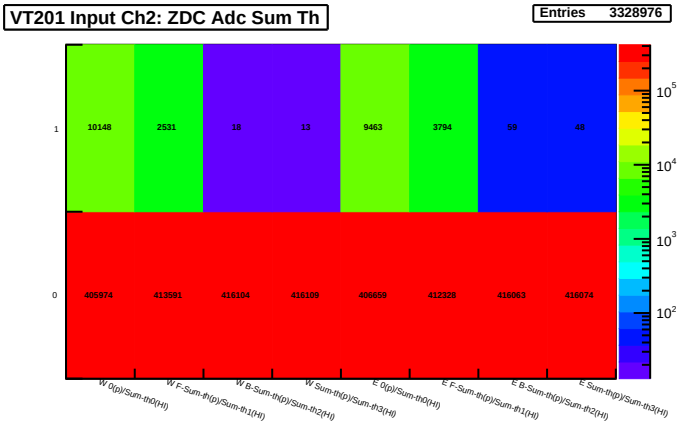

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

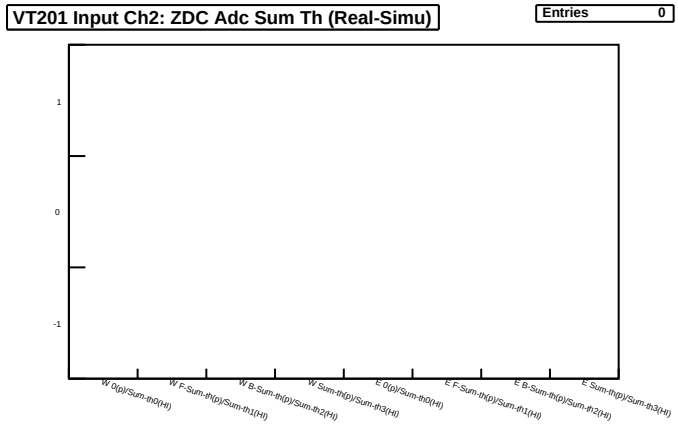

VT201 Input Ch1: EPD Hit Count Th
Entries 832244
404092
403351
12030
12771
East
West

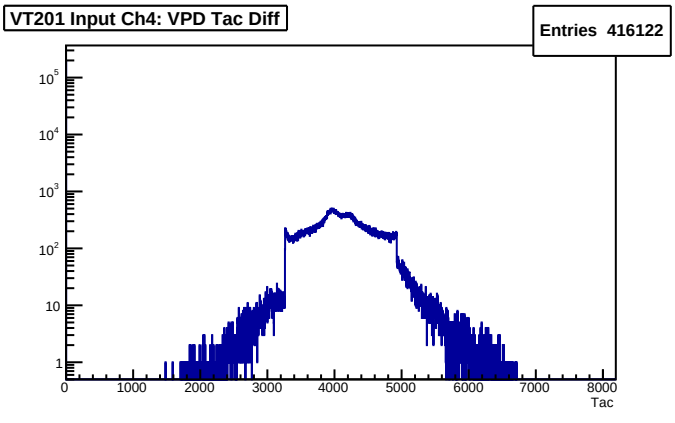

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

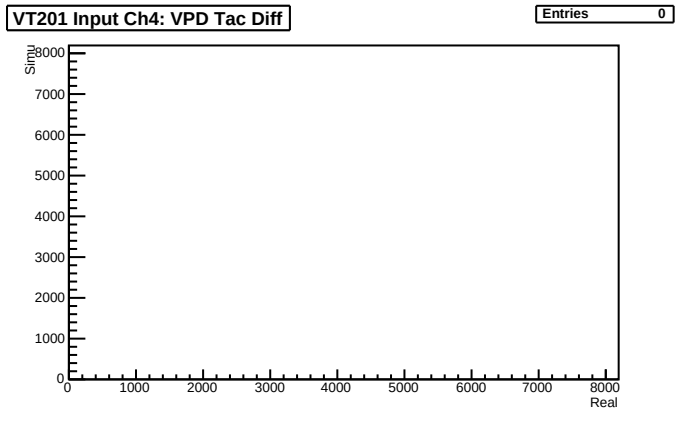

VT201 Input Ch2: ZDC Tac Diff
Entries 416122
Tac

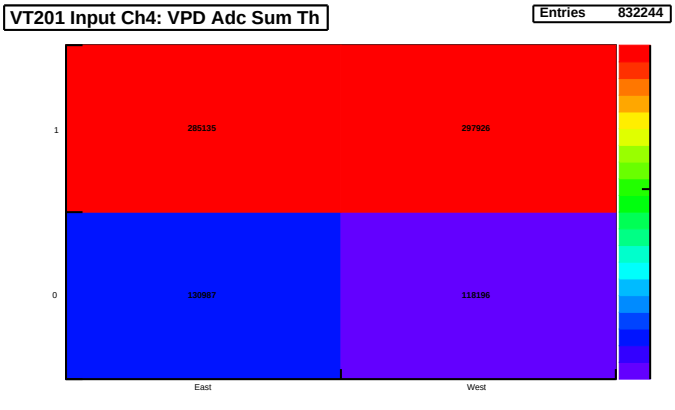

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

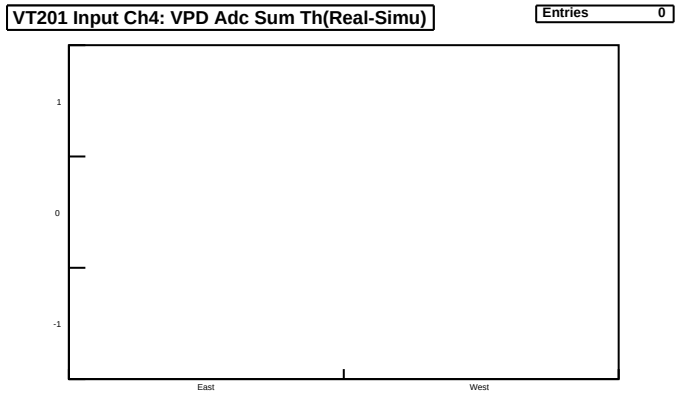

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3328976
10148
2531
18
13
9463
3794
59
48
405974
413591
416104
416109
406659
412328
416063
416074
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

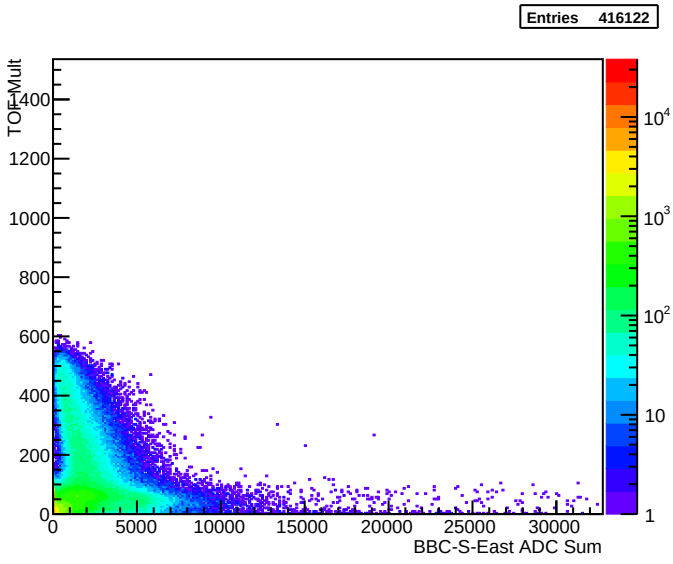

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

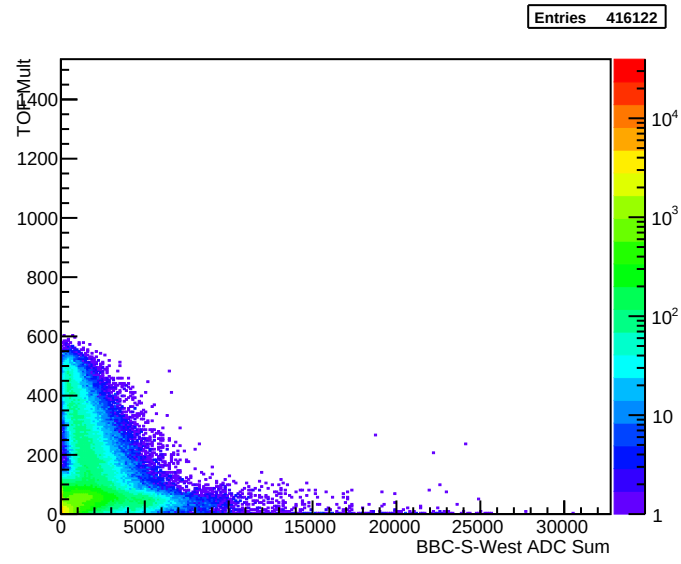

VT201 Input Ch4: VPD Tac Diff
Entries 416122
Tac

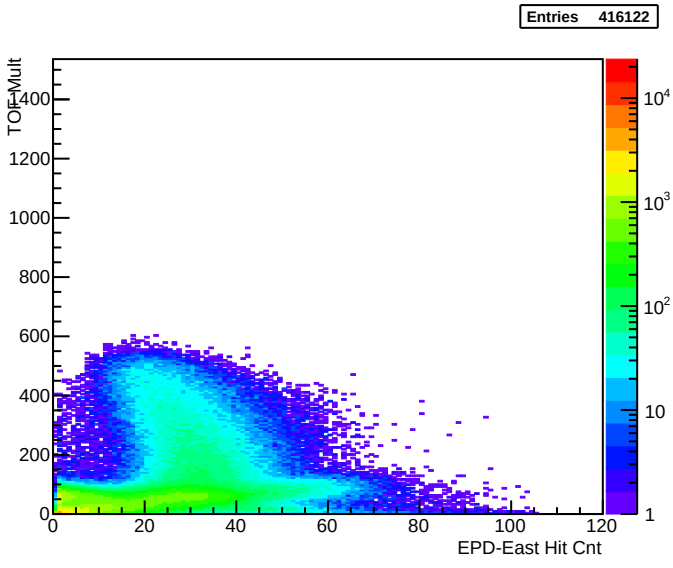

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

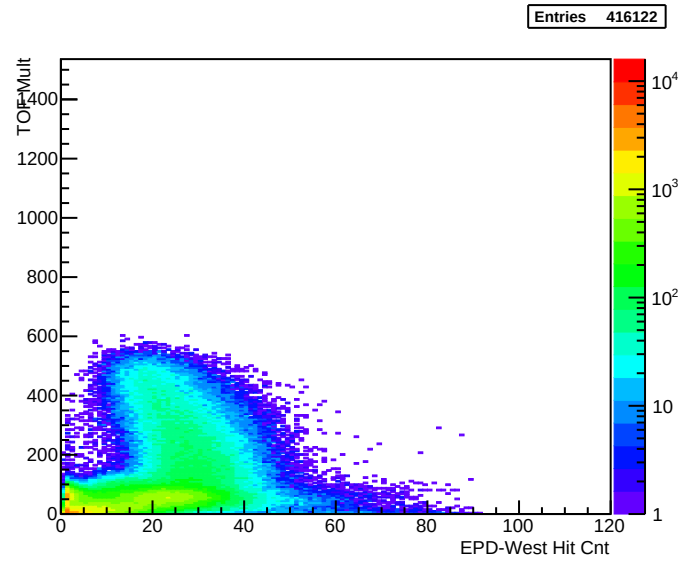

VT201 Input Ch4: VPD Adc Sum Th
Entries 832244
285135
297926
130987
118196
East
West

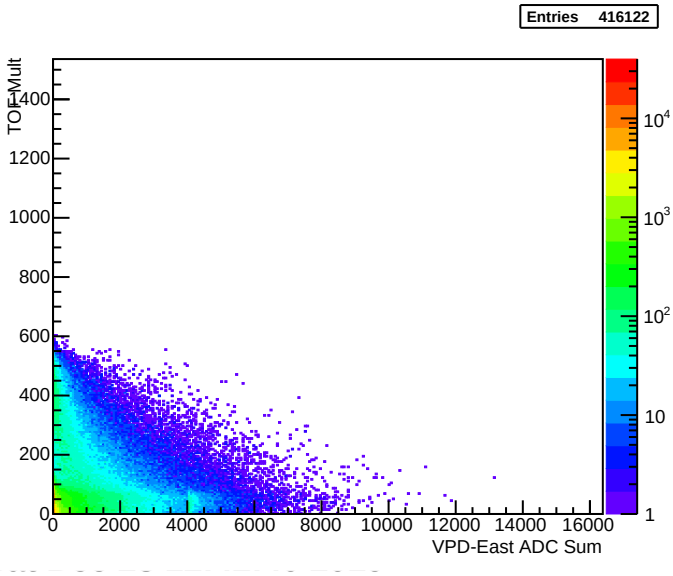

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

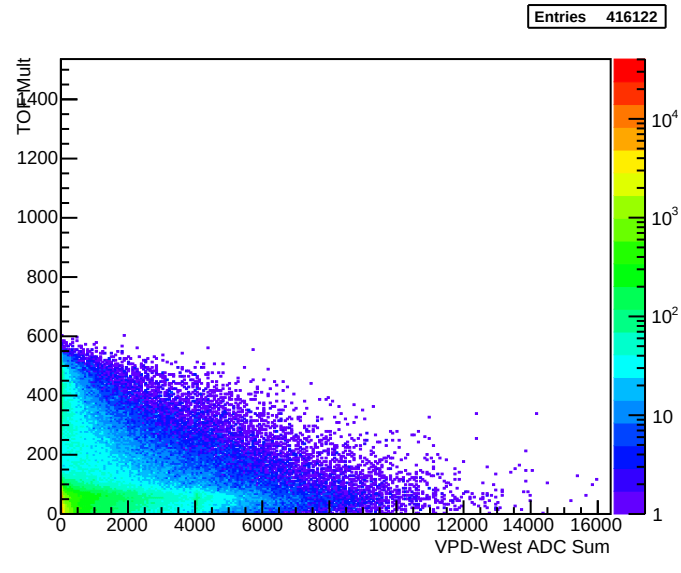

Entries 416122
TOF-Mult
BBC-S-East ADC Sum

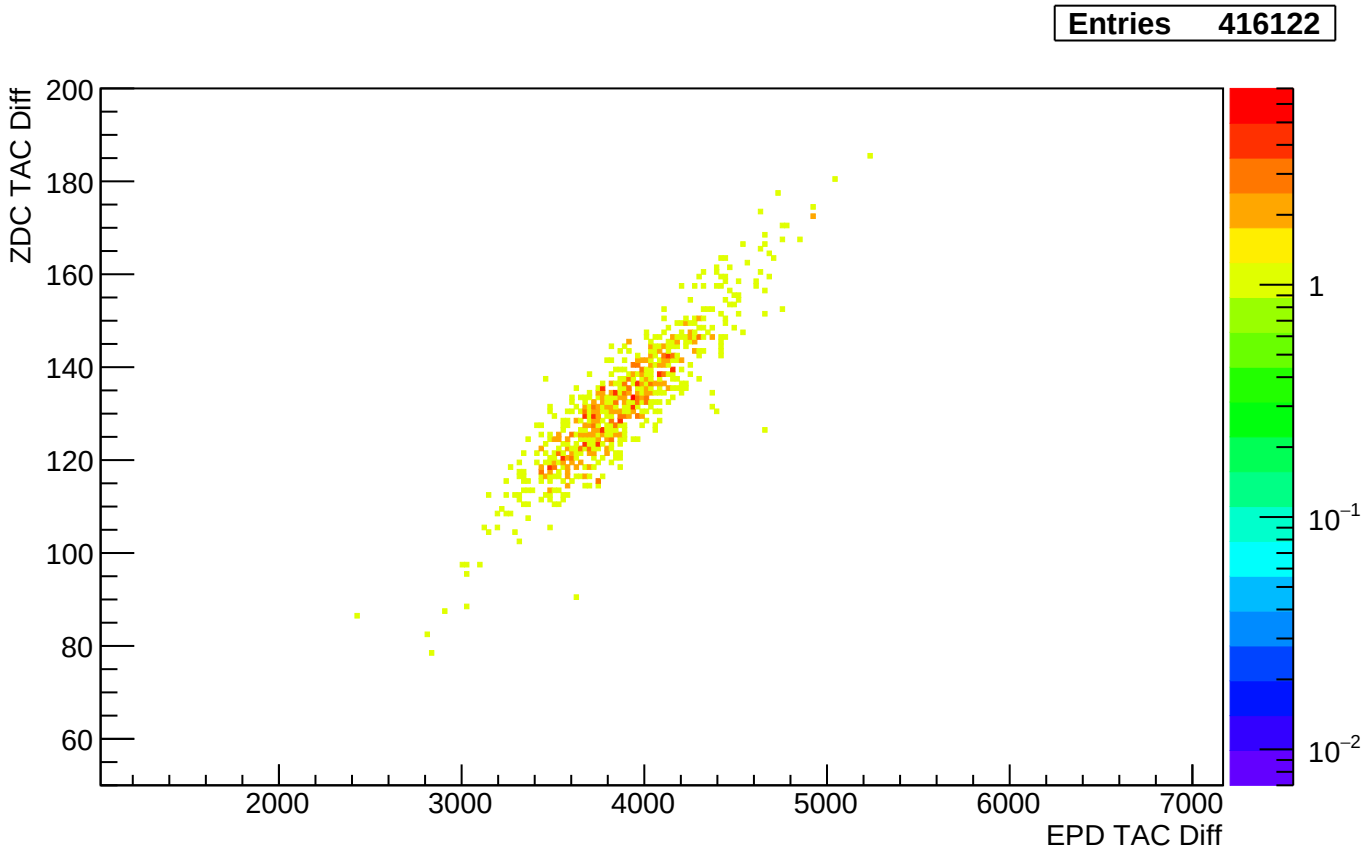

Entries 416122
TOF-Mult
BBC-S-West ADC Sum

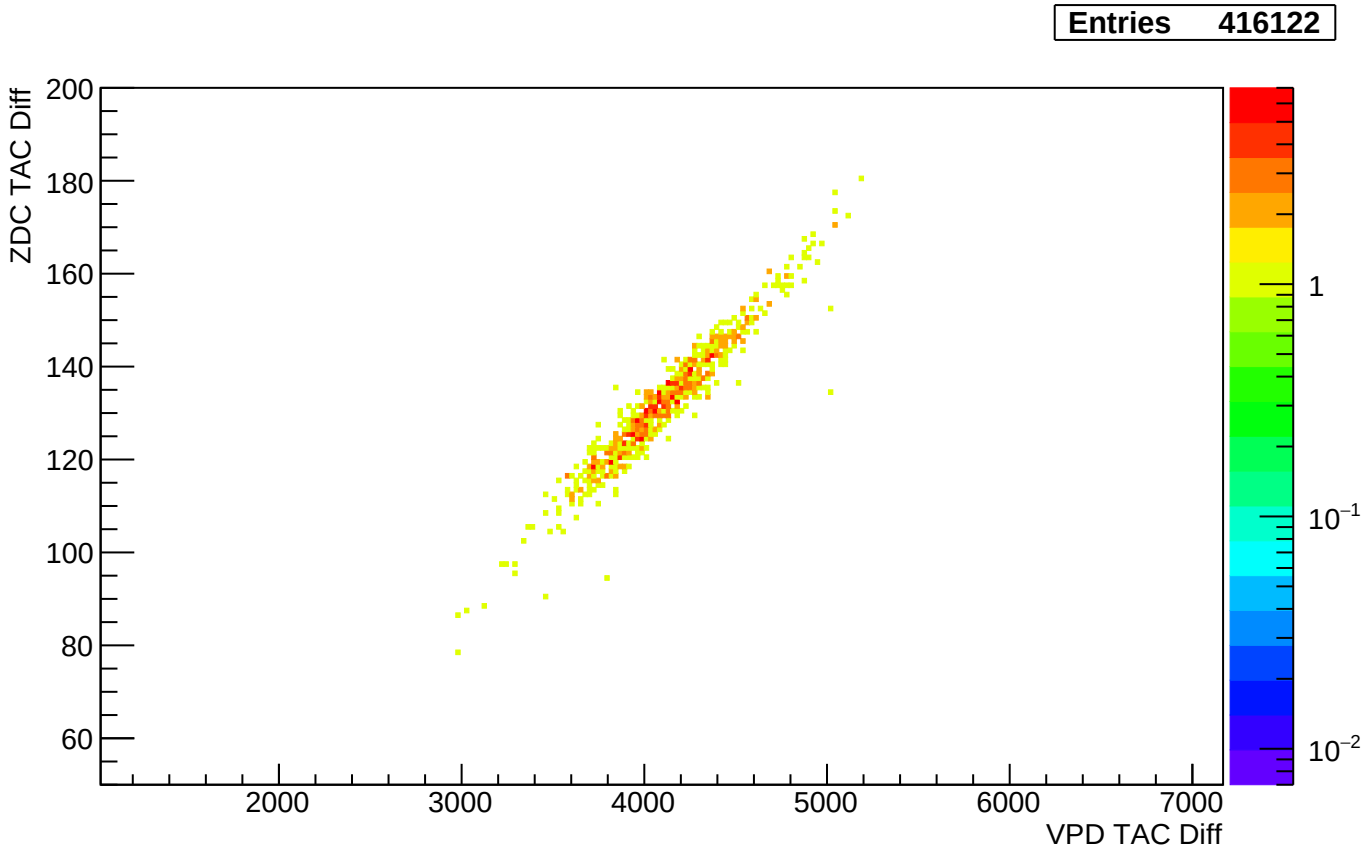

Entries 416122
TOF-Mult
EPD-East Hit Cnt

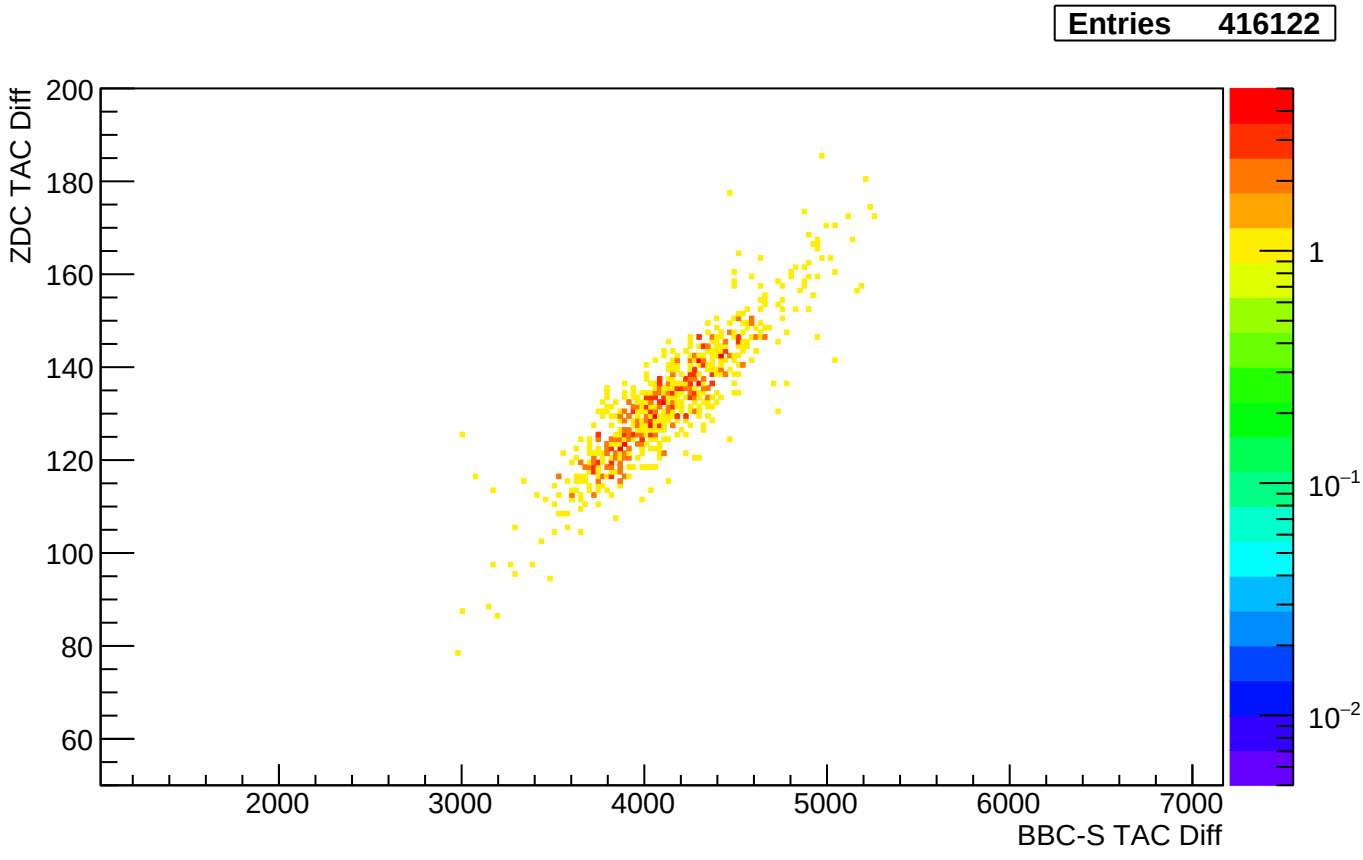

Entries 416122
TOF-Mult
EPD-West Hit Cnt

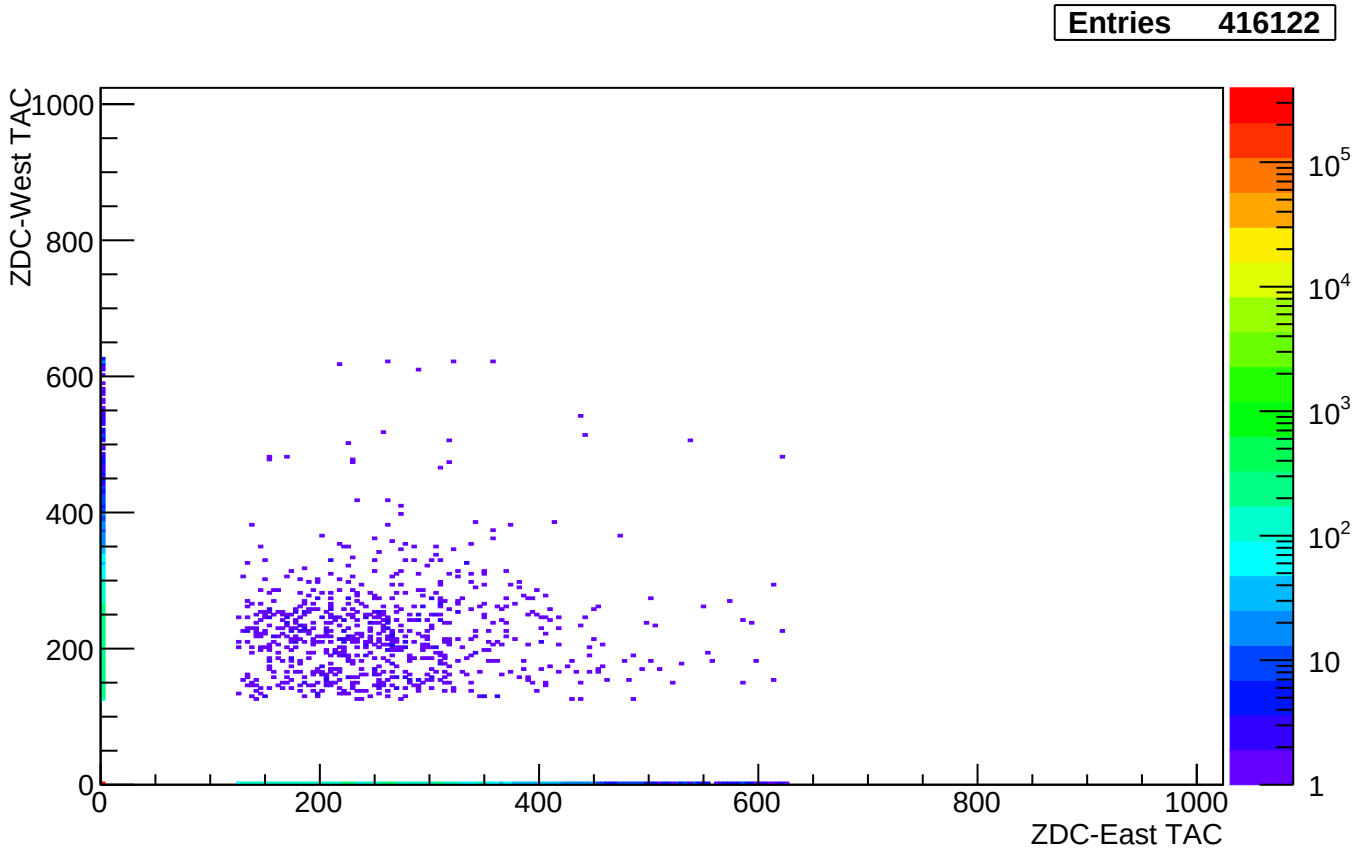

Entries 416122
TOF-Mult
VPD-East ADC Sum

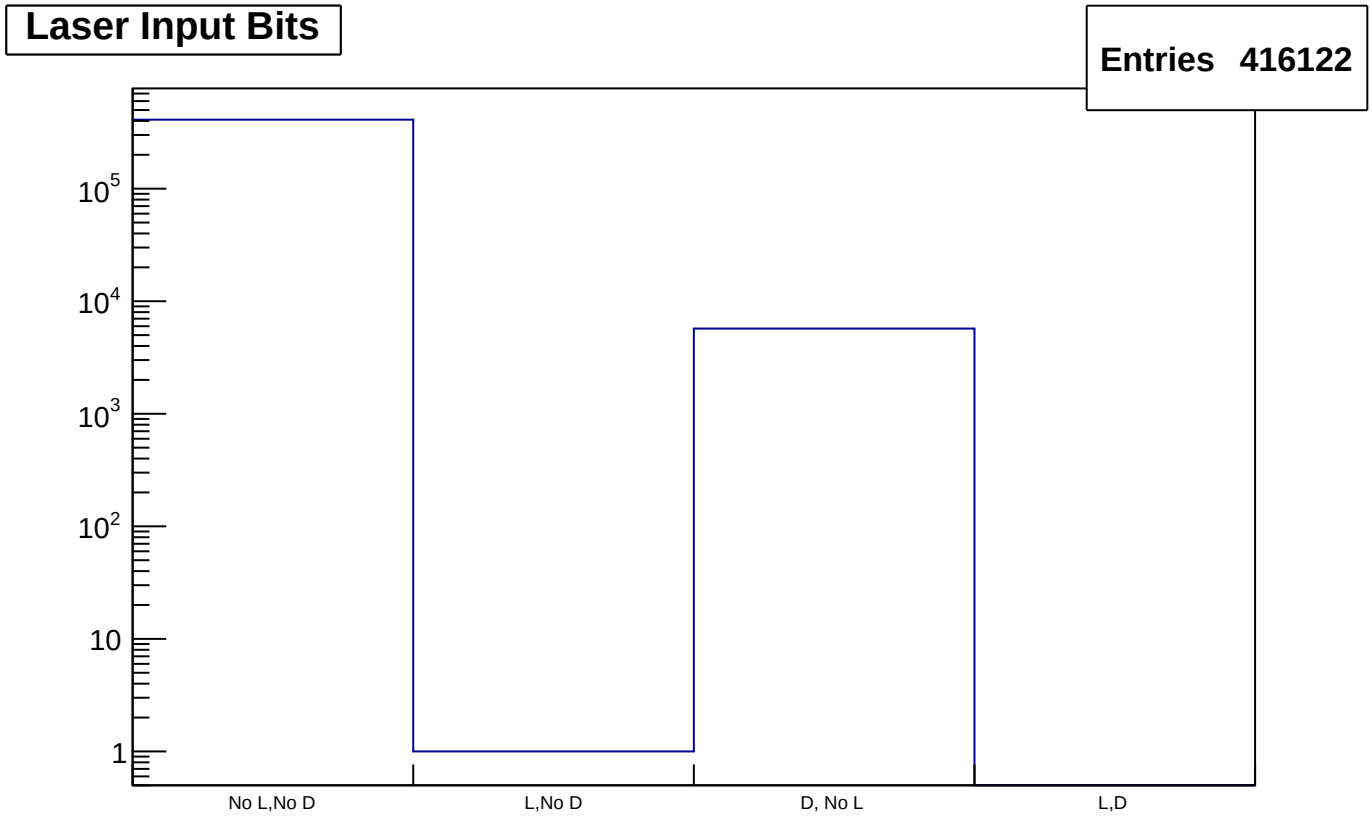

Entries 416122
TOF-Mult
VPD-West ADC Sum

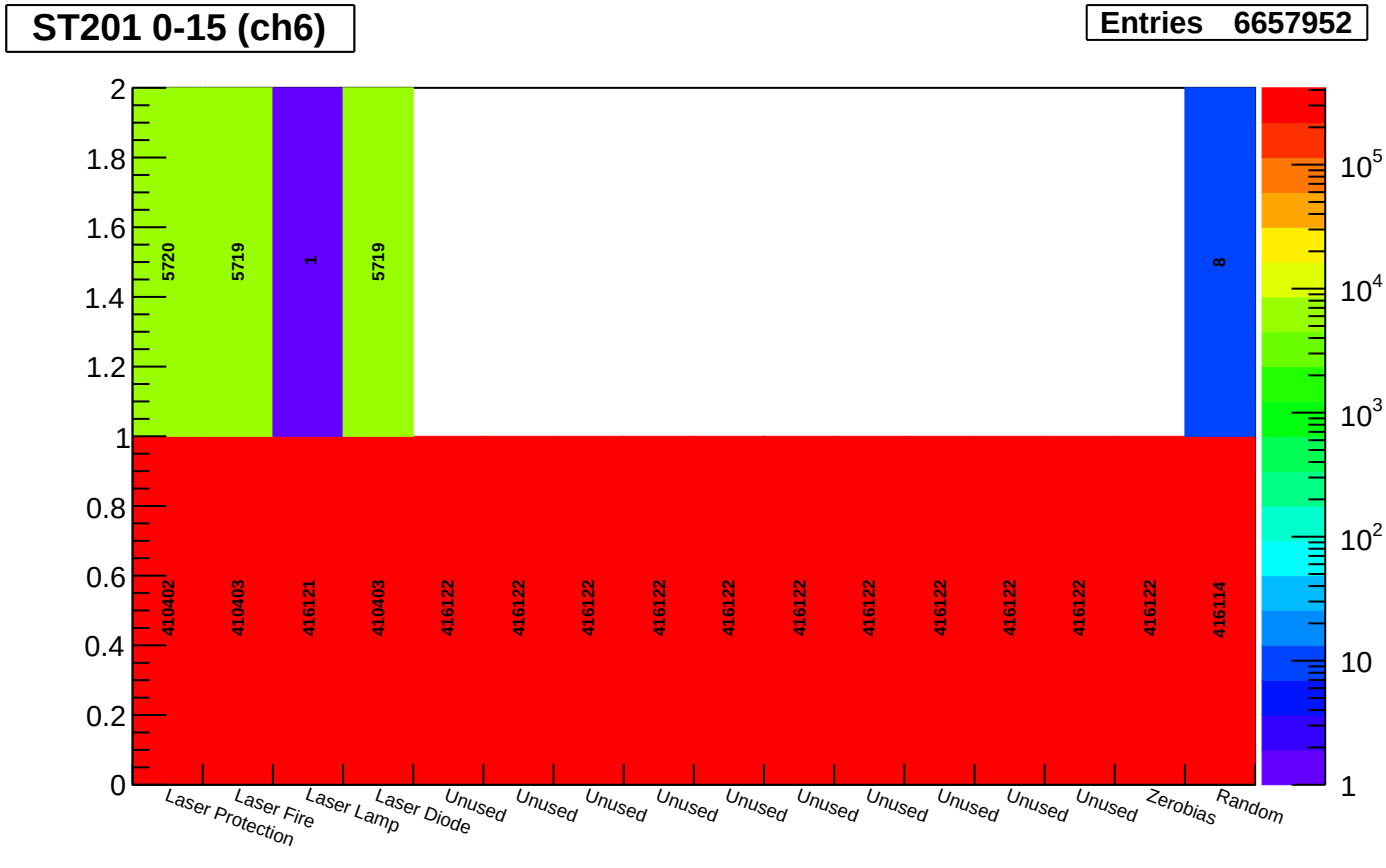

Entries 416122
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

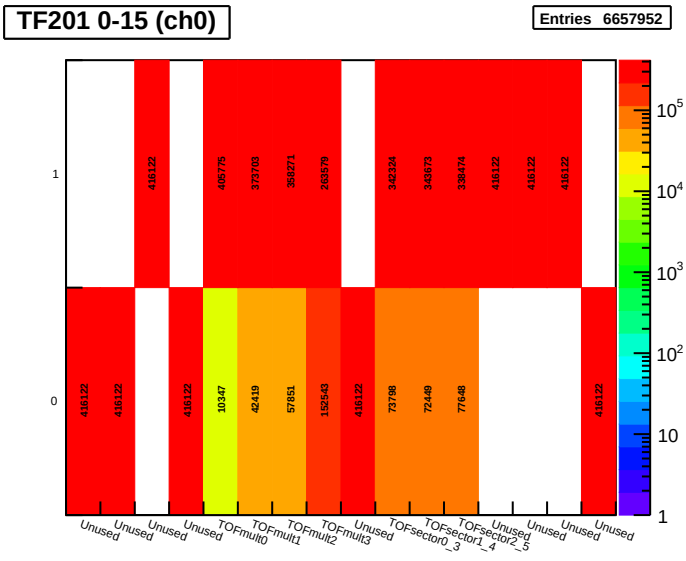

Entries 416122
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

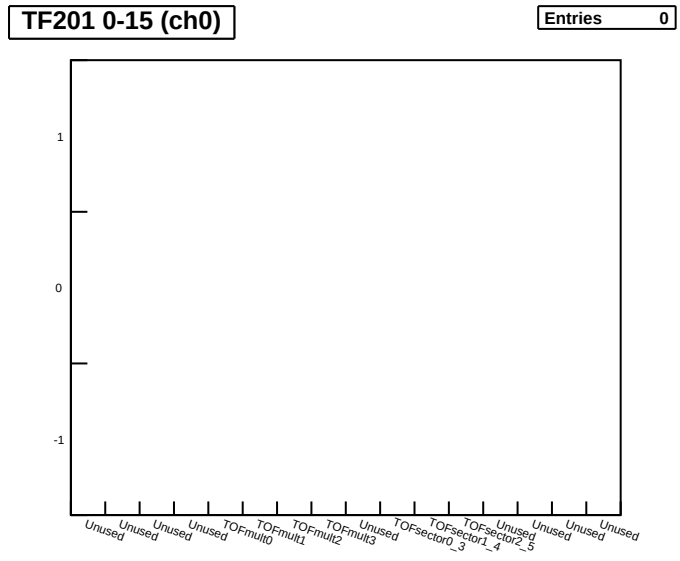

Entries 416122
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

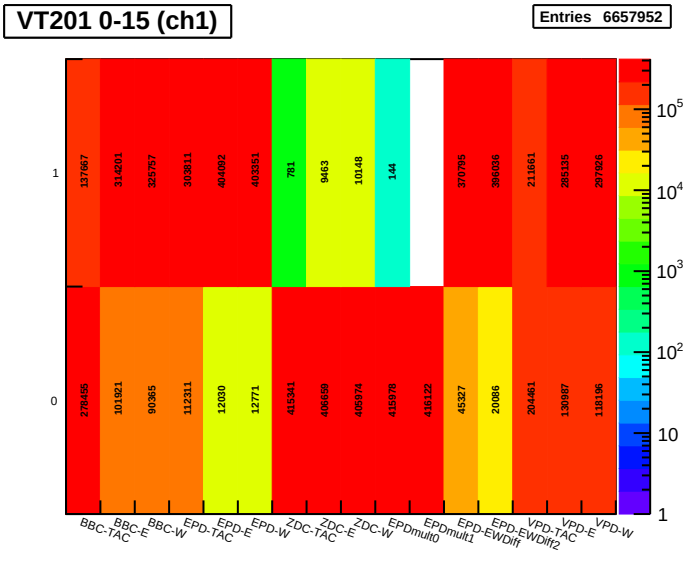

Entries 416122
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

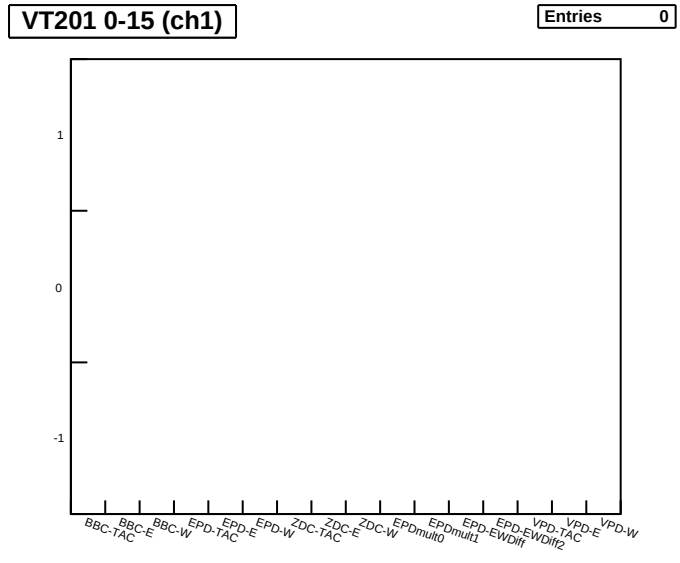

Laser Input Bits
Entries 416122
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

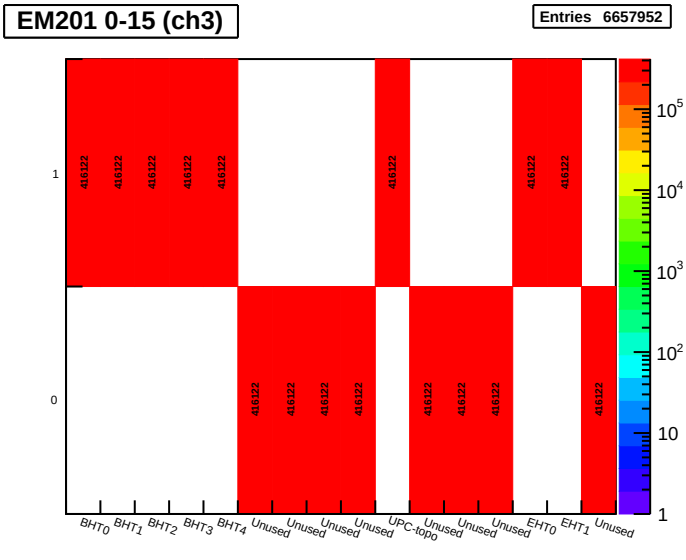

ST201 0-15 (ch6)
Entries 6657952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5720
5719
1
5719
8
410402
410403
416121
410403
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416114
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

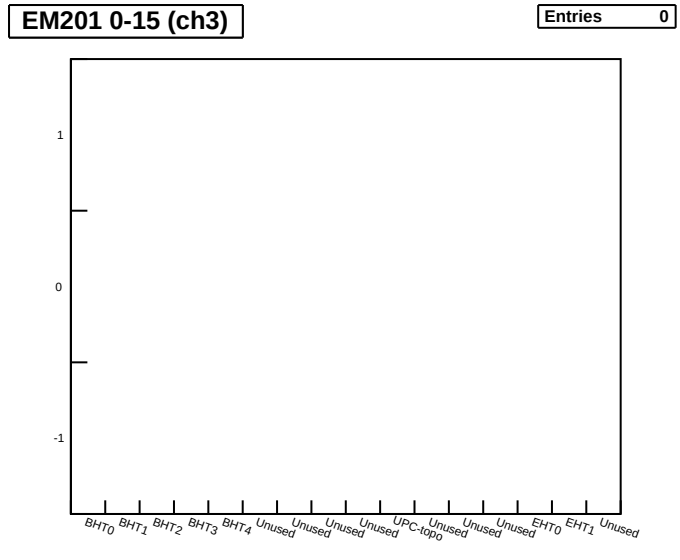

TF201 0-15 (ch0)
Entries 6657952
1
0
416122
405775
373703
358271
263579
342324
343673
338474
416122
416122
416122
416122
416122
416122
416122
10347
42419
57651
152543
416122
73798
72449
77648
416122
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6657952
1
0
137667
314201
325757
303811
404092
403351
781
9463
10148
144
370795
396036
211661
285135
297926
278455
101921
90355
112311
12030
12771
415341
406659
405974
415978
416122
45277
20086
204461
130987
118196
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 6657952
1
0
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
416122
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