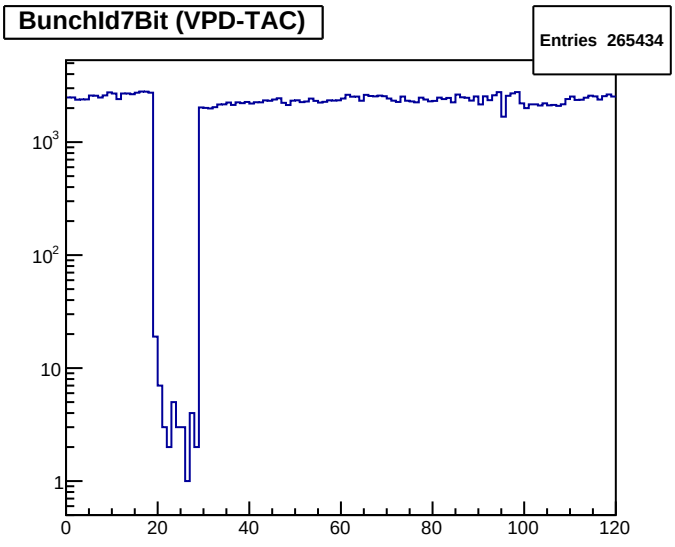
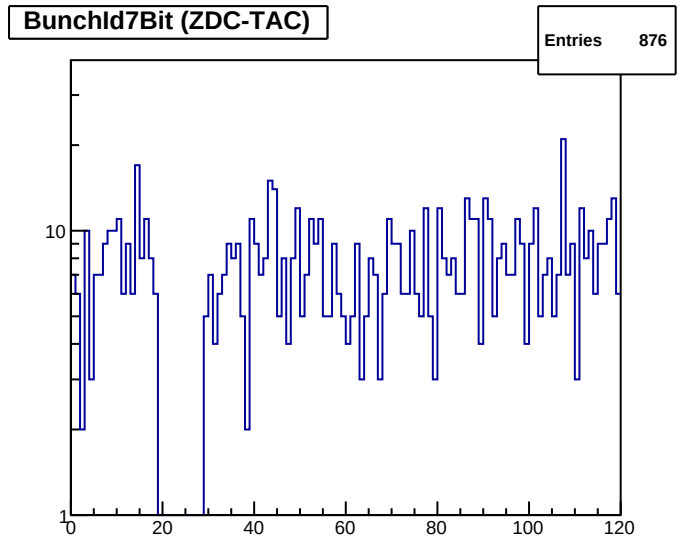
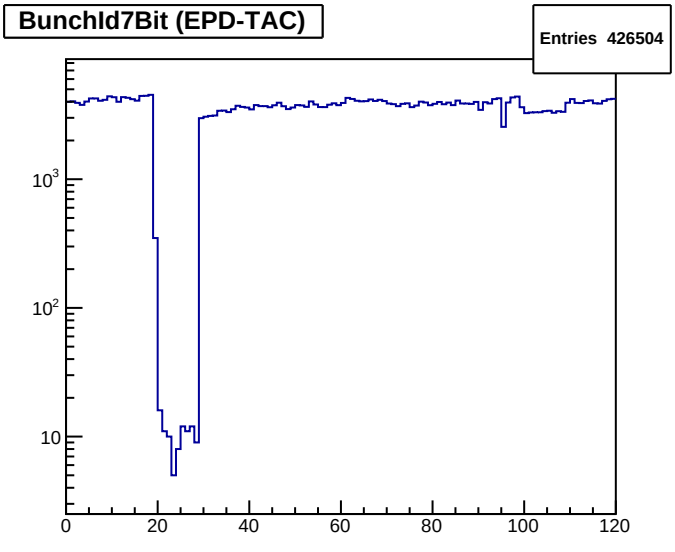
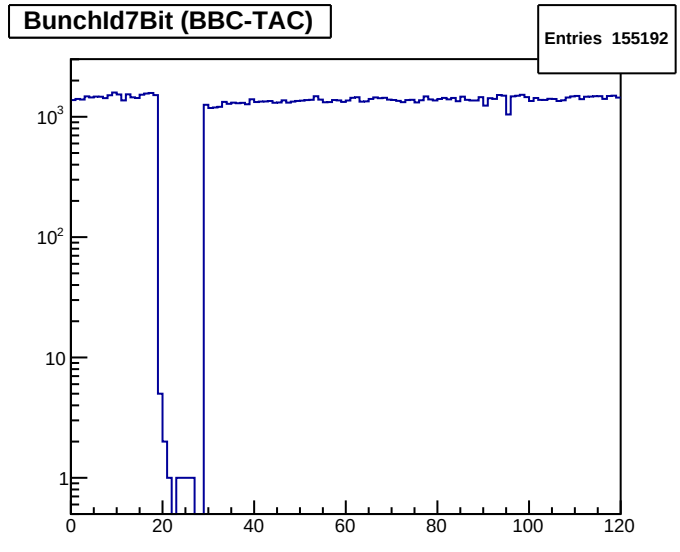
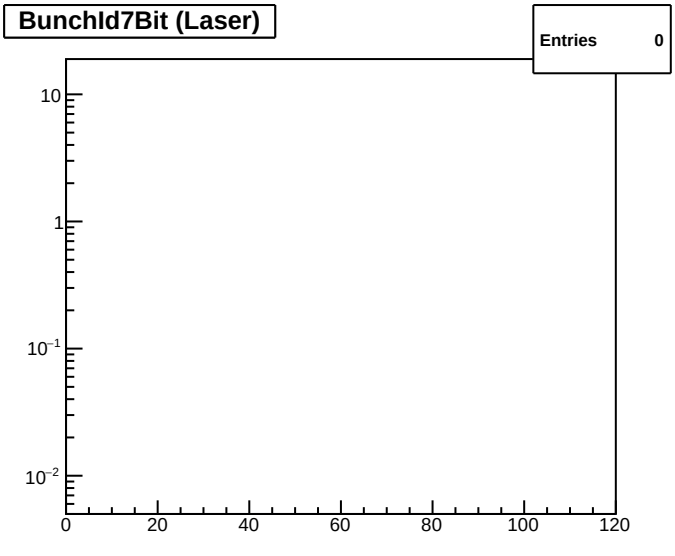
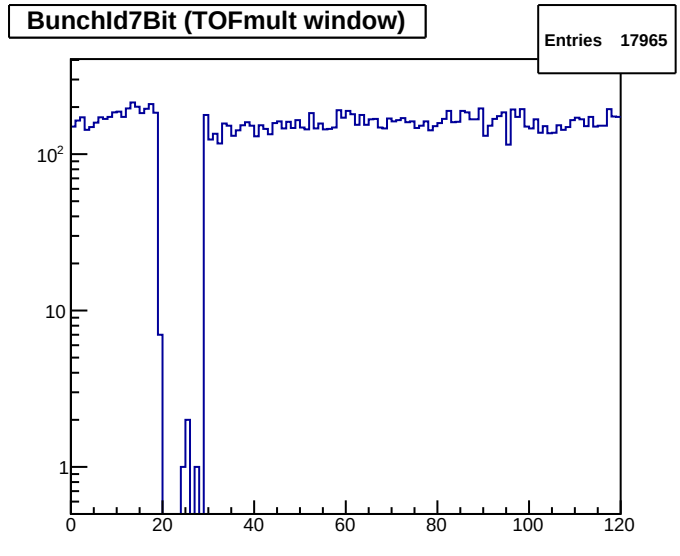

BunchId7Bit (VPD-TAC)
Entries 265434

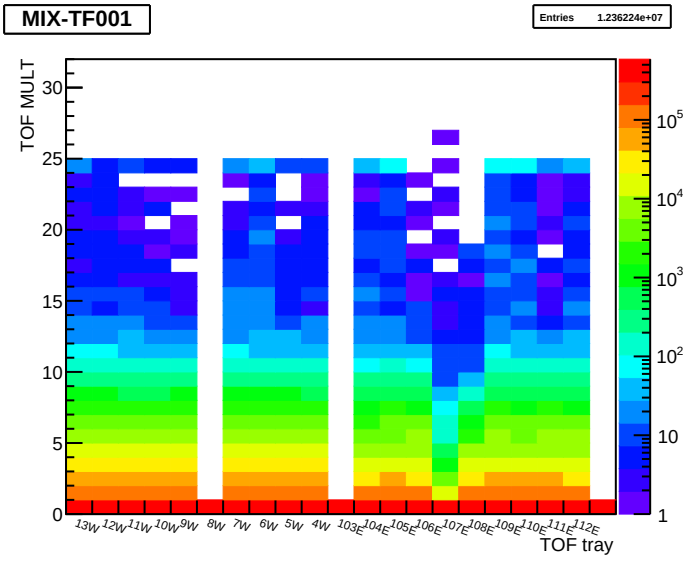

BunchId7Bit (ZDC-TAC)
Entries 876

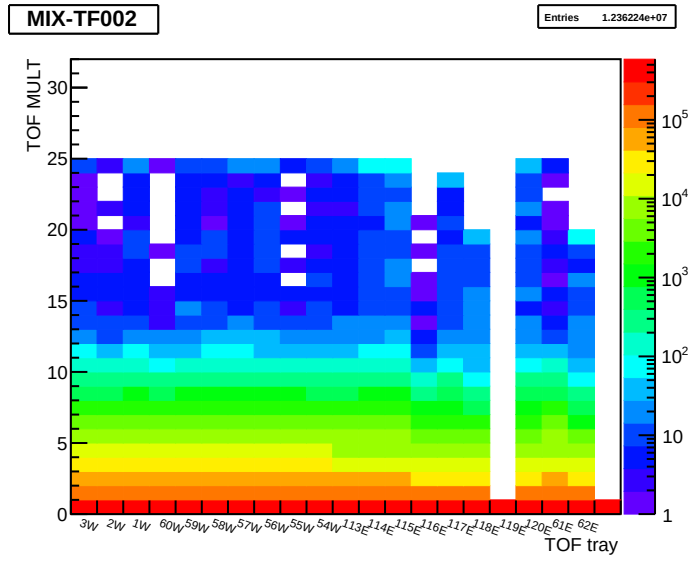

BunchId7Bit (EPD-TAC)
Entries 426504

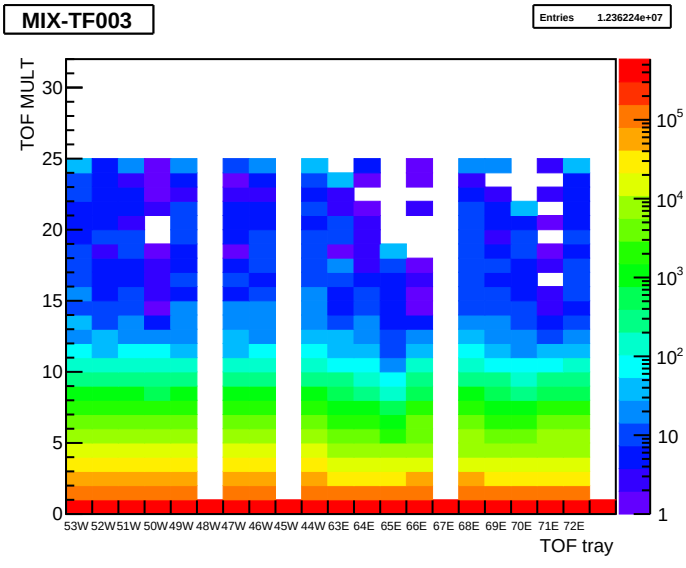

BunchId7Bit (BBC-TAC)
Entries 155192

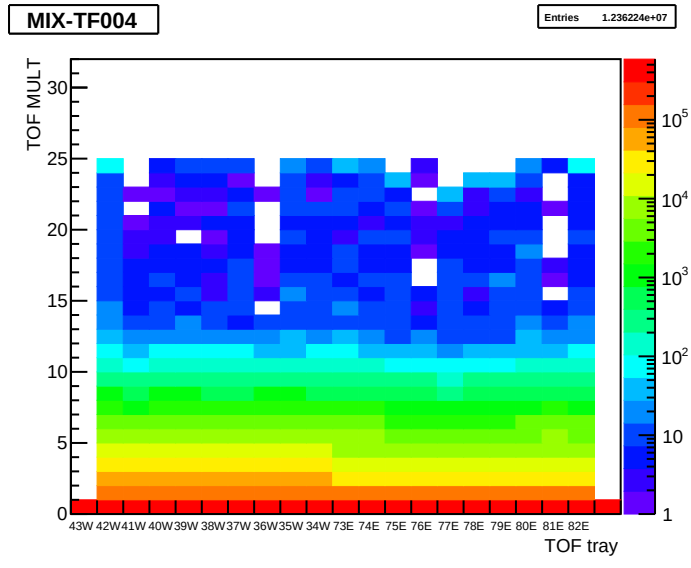

BunchId7Bit (Laser)
Entries 0

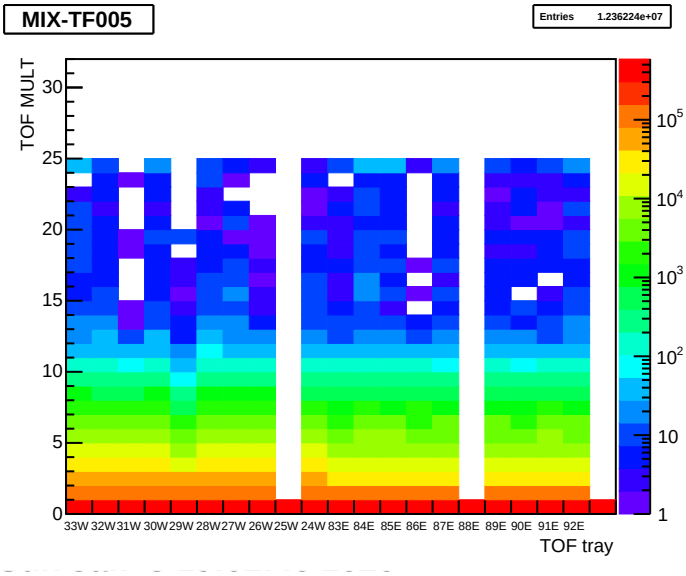

BunchId7Bit (TOFmult window)
Entries 17965

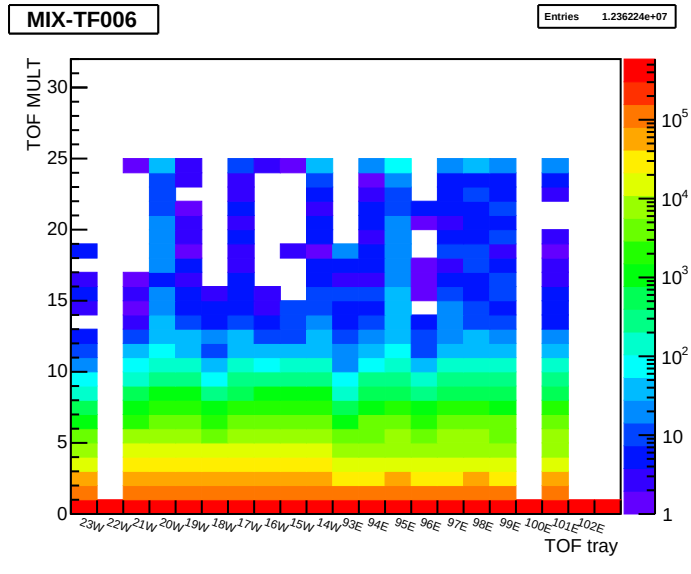

MIX-TF001
Entries 1.236224e+07
TOF MULT
TOF tray

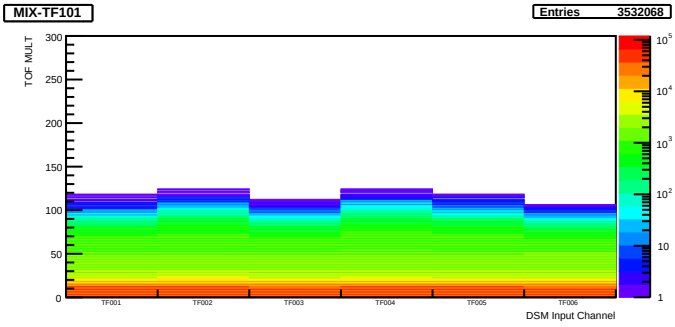

MIX-TF002
Entries 1.236224e+07
TOF MULT
TOF tray

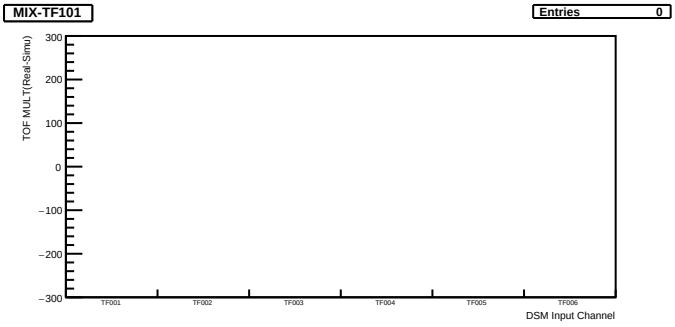

MIX-TF003
Entries 1.236224e+07
TOF MULT
TOF tray

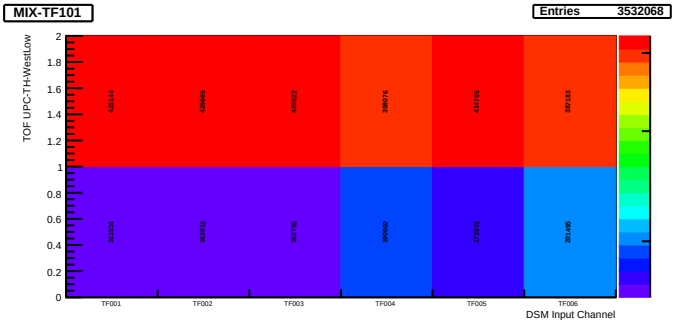

MIX-TF004
Entries 1.236224e+07
TOF MULT
TOF tray

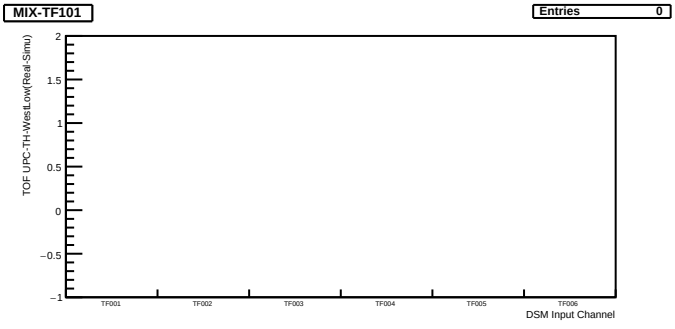

MIX-TF005
Entries 1.236224e+07
TOF MULT
TOF tray

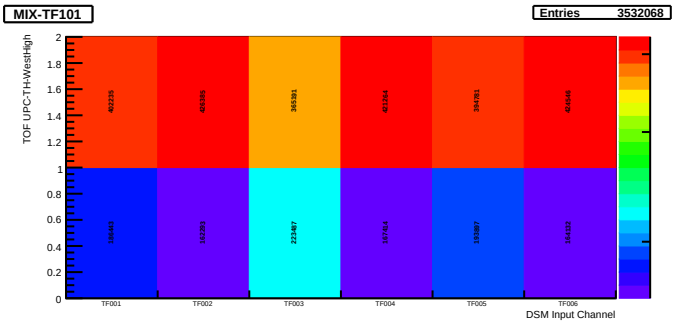

MIX-TF006
Entries 1.236224e+07
TOF MULT
TOF tray

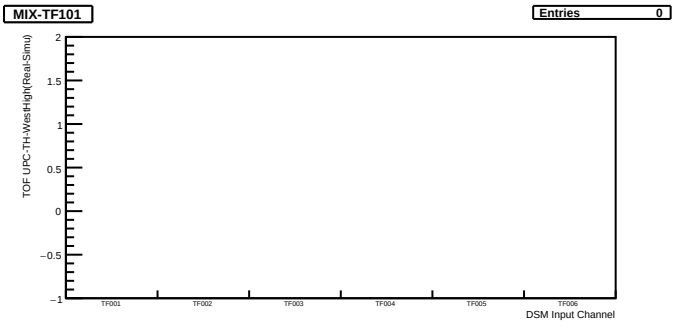

MIX-TF101
Entries 3532068
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

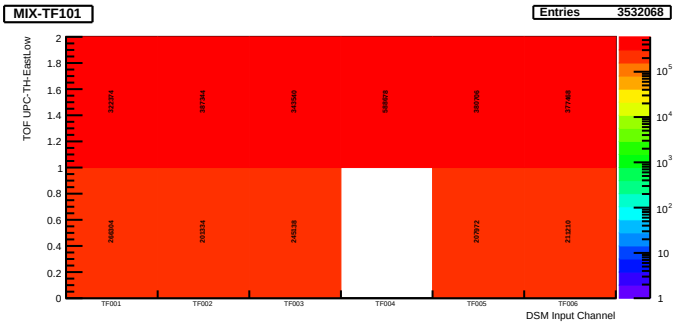

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

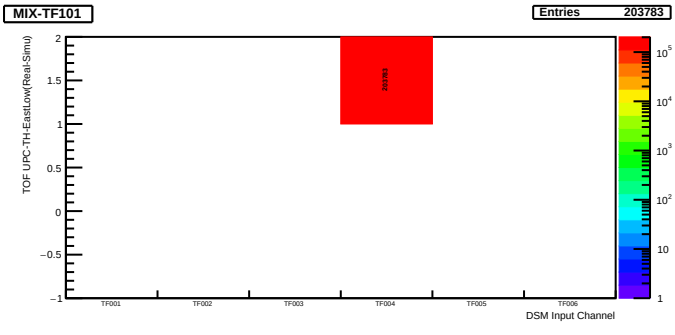

MIX-TF101
Entries 3532068
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

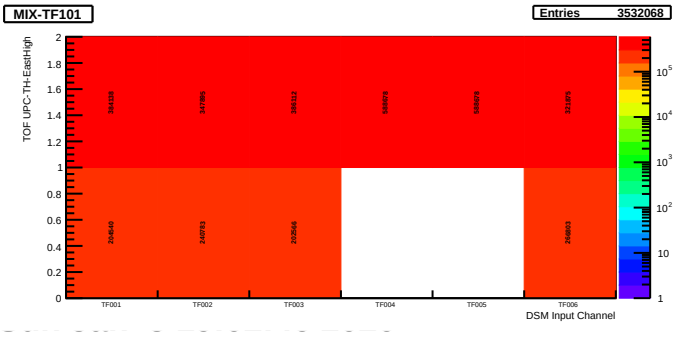

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

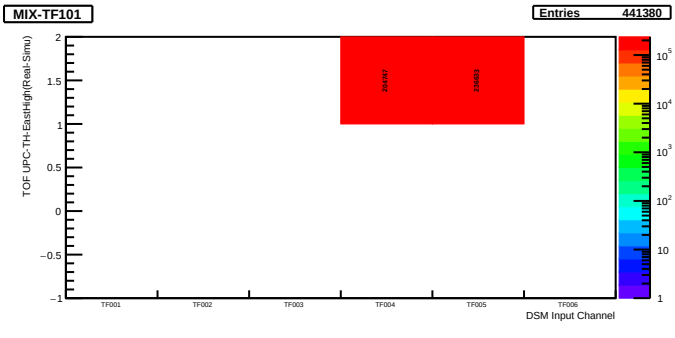

MIX-TF101
Entries 3532068
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

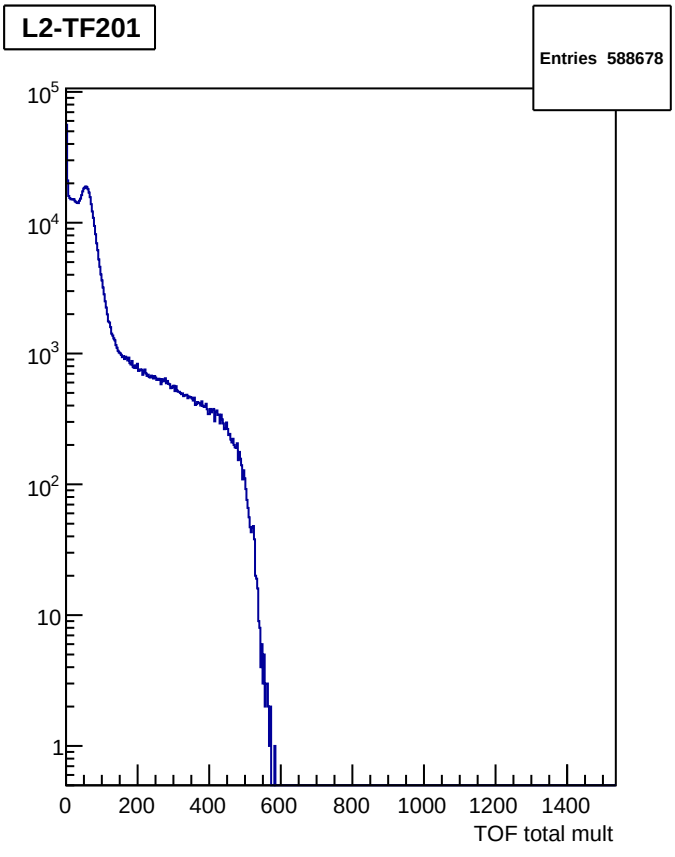

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

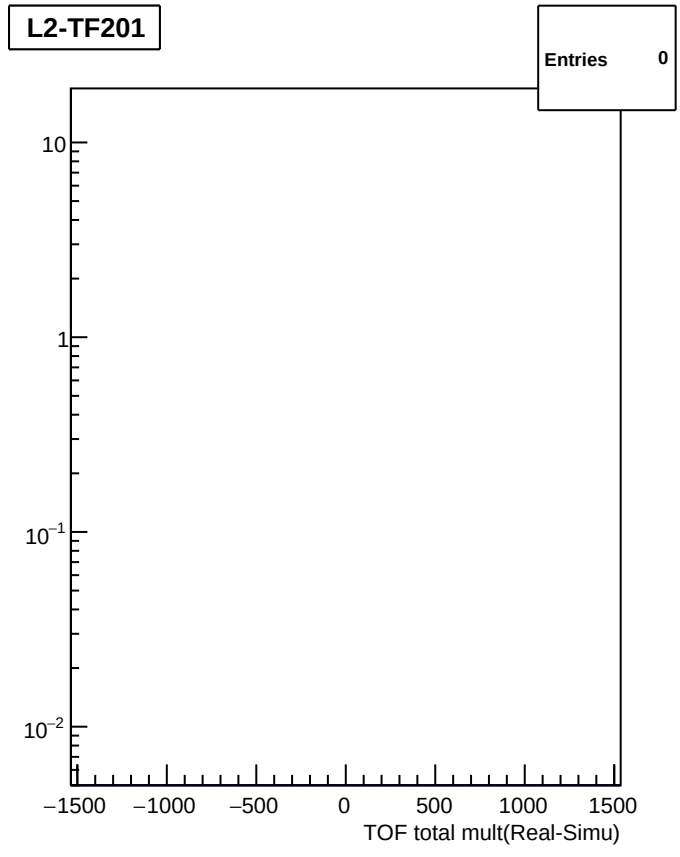

MIX-TF101
Entries 3532068
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

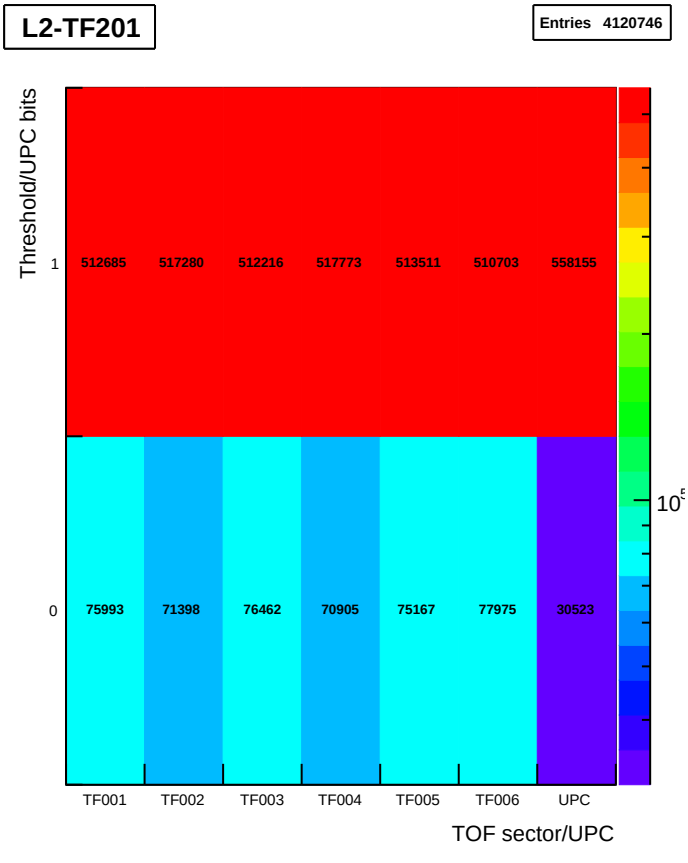

MIX-TF101
Entries 203783
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

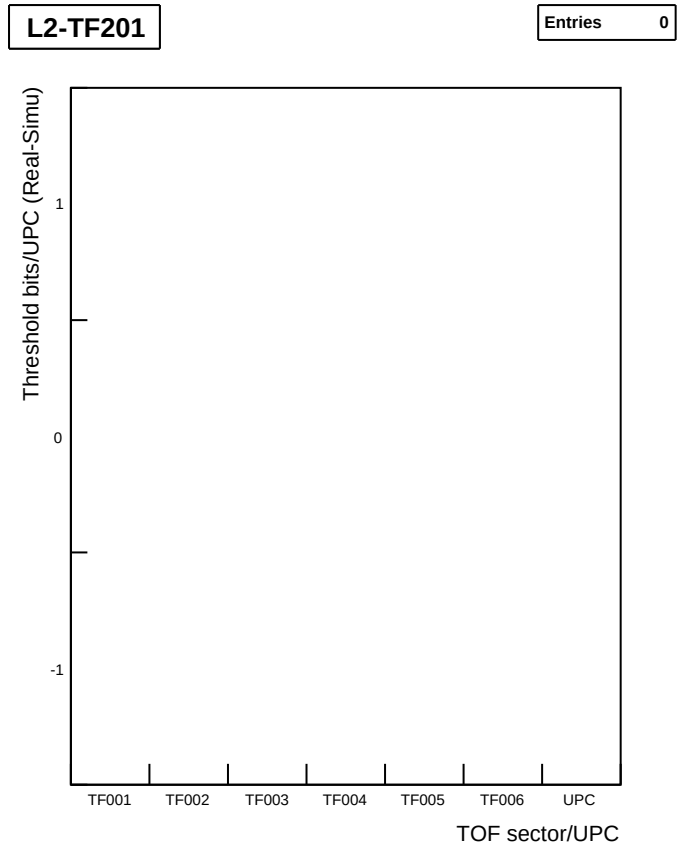

MIX-TF101
Entries 3532068
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

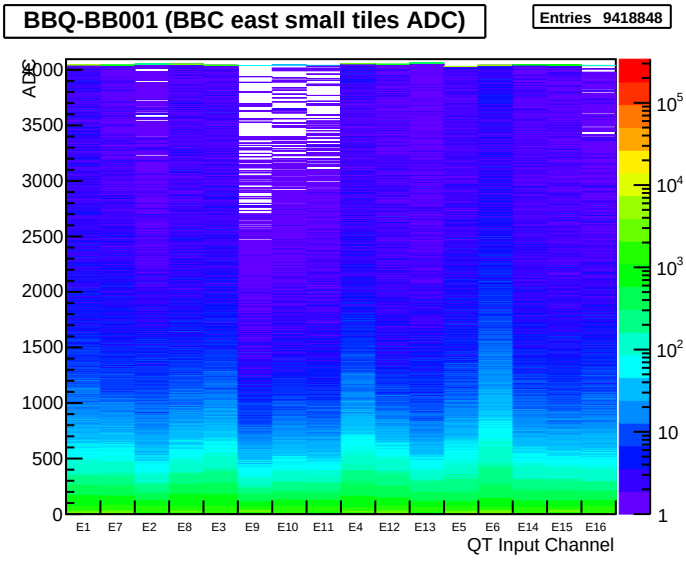

MIX-TF101
Entries 441380
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

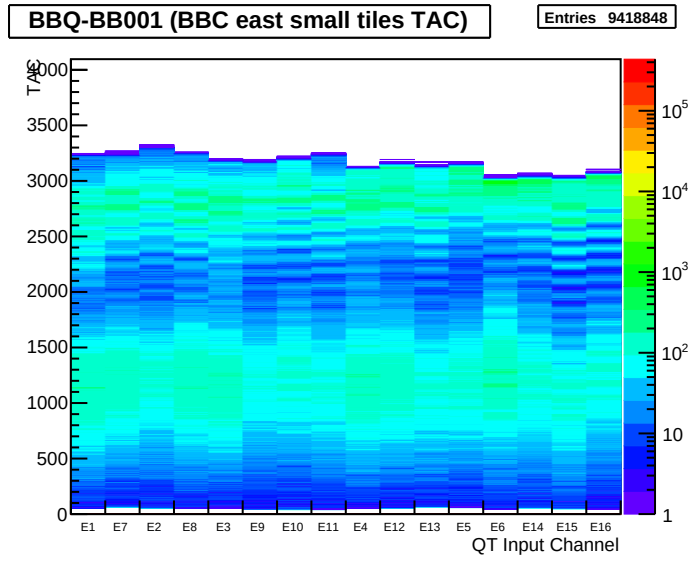

L2-TF201
Entries 588678
TOF total mult

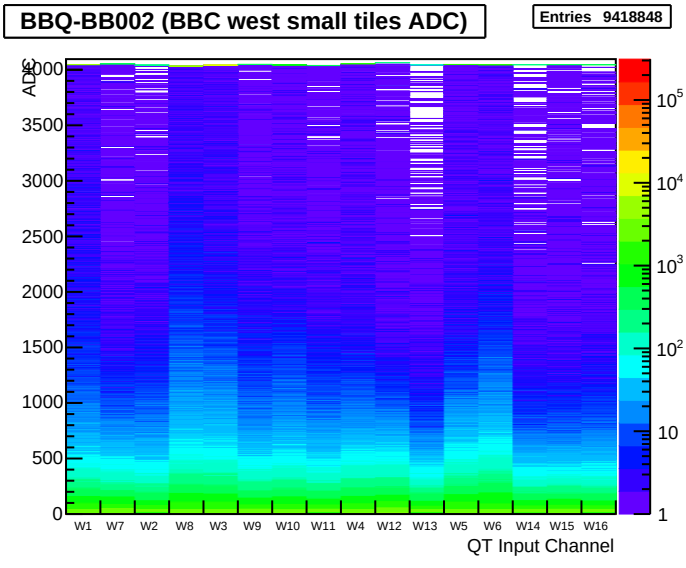

L2-TF201
Entries 0
TOF total mult(Real-Simu)

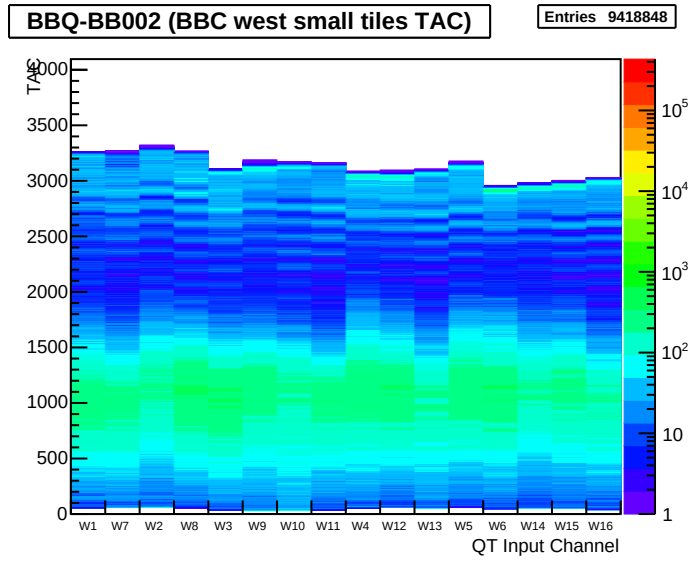

L2-TF201
Entries 4120746
Threshold/UPC bits
512685
517280
512216
517773
513511
510703
558155
75993
71398
76462
70905
75167
77975
30523
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

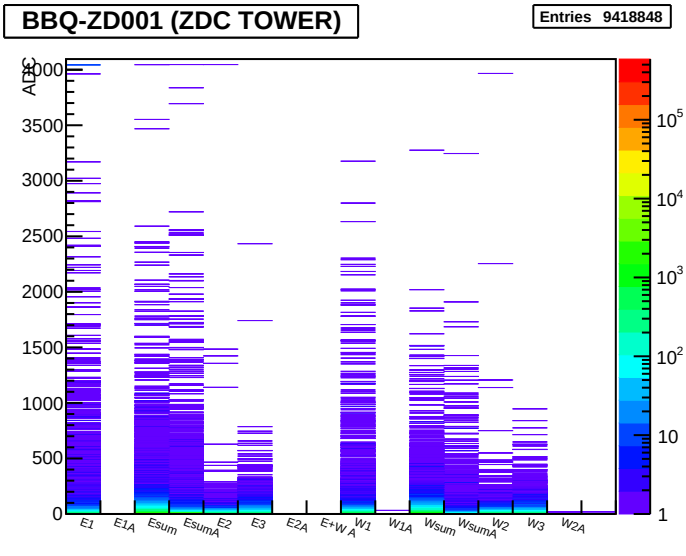

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

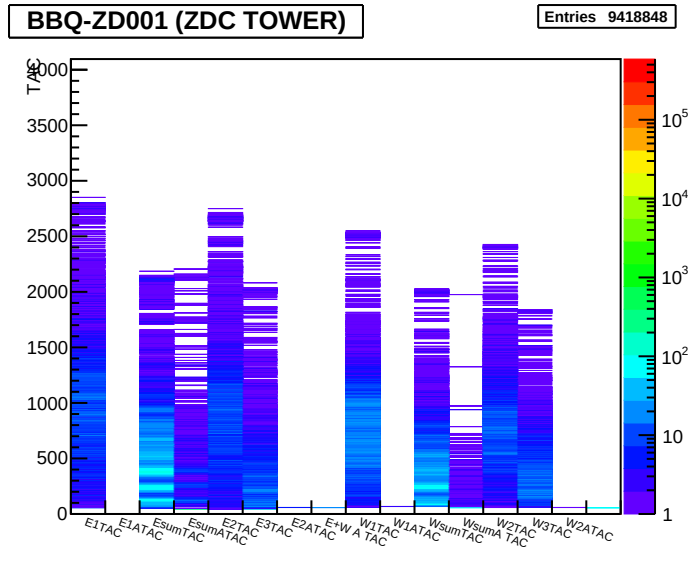

BBQ-BB001 (BBC east small tiles ADC)
Entries 9418848
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

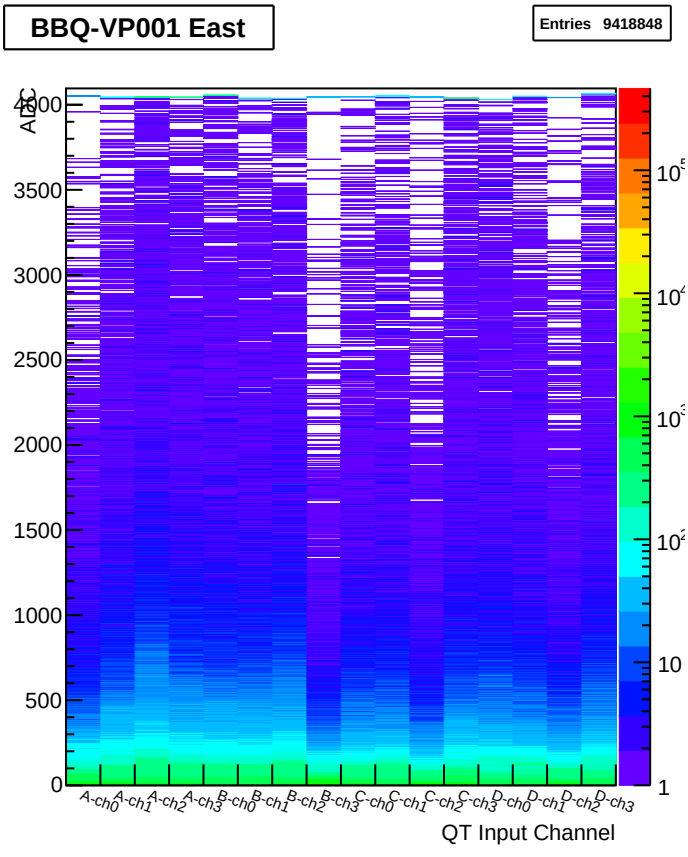

BBQ-BB001 (BBC east small tiles TAC)
Entries 9418848
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

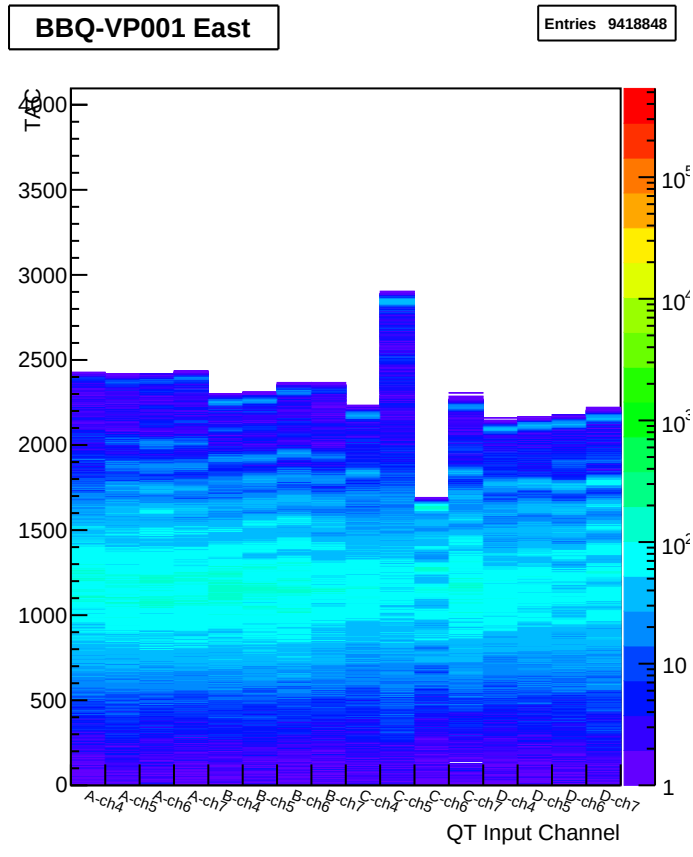

BBQ-BB002 (BBC west small tiles ADC)
Entries 9418848
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

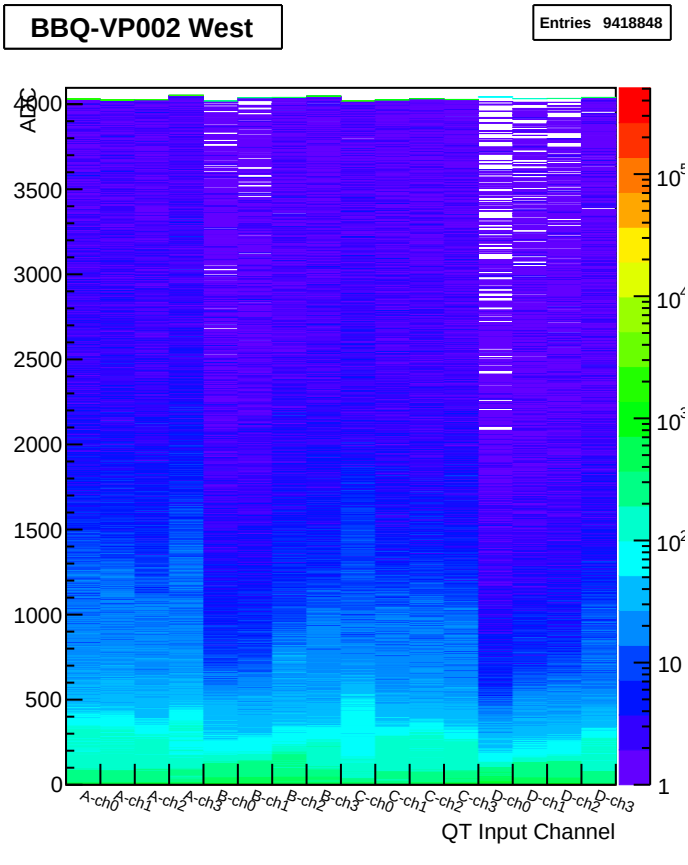

BBQ-BB002 (BBC west small tiles TAC)
Entries 9418848
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

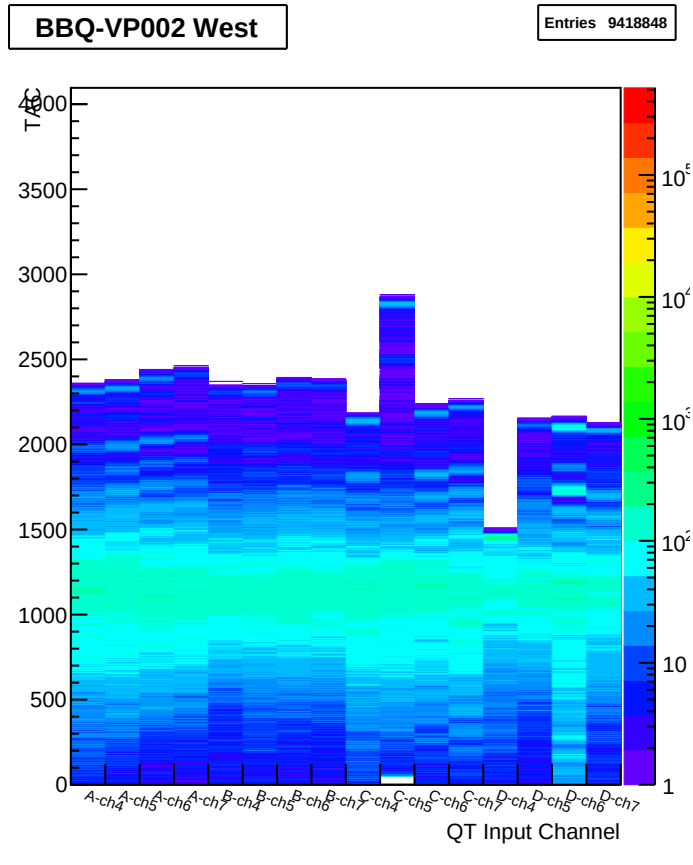

BBQ-ZD001 (ZDC TOWER)
Entries 9418848
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

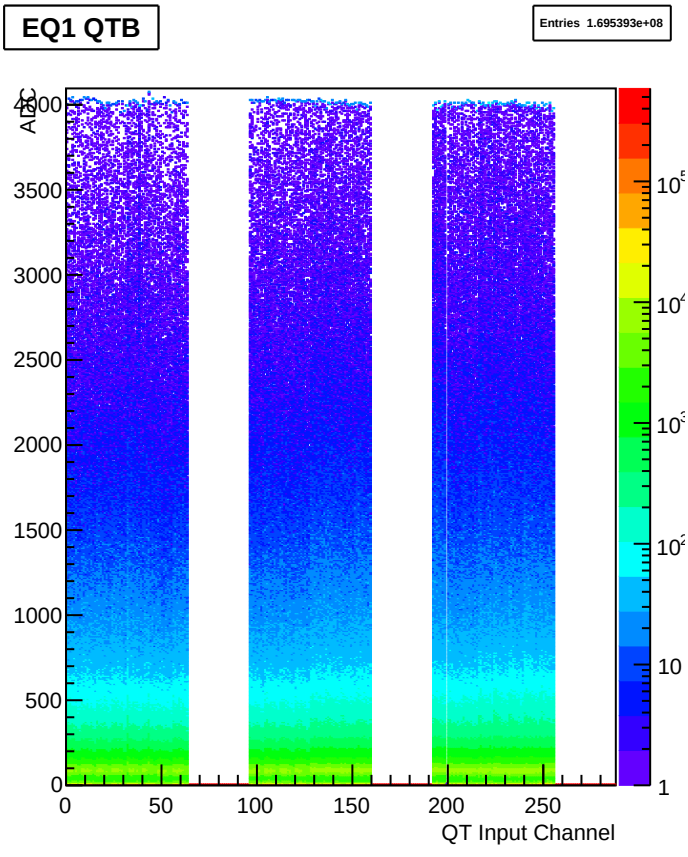

BBQ-ZD001 (ZDC TOWER)
Entries 9418848
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

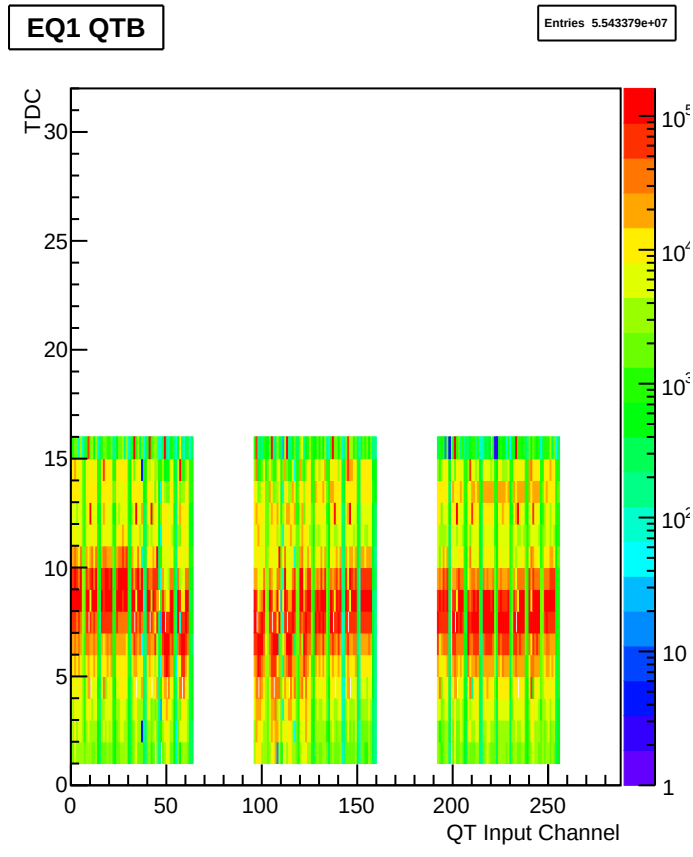

BBQ-VP001 East
Entries 9418848
ADC
QT Input Channel

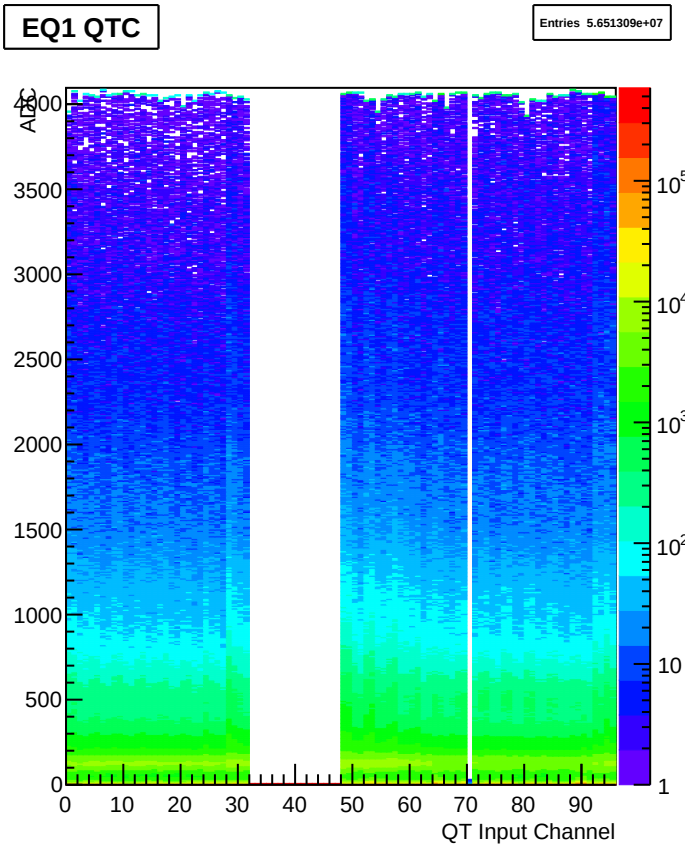

BBQ-VP001 East
Entries 9418848
TADC
QT Input Channel

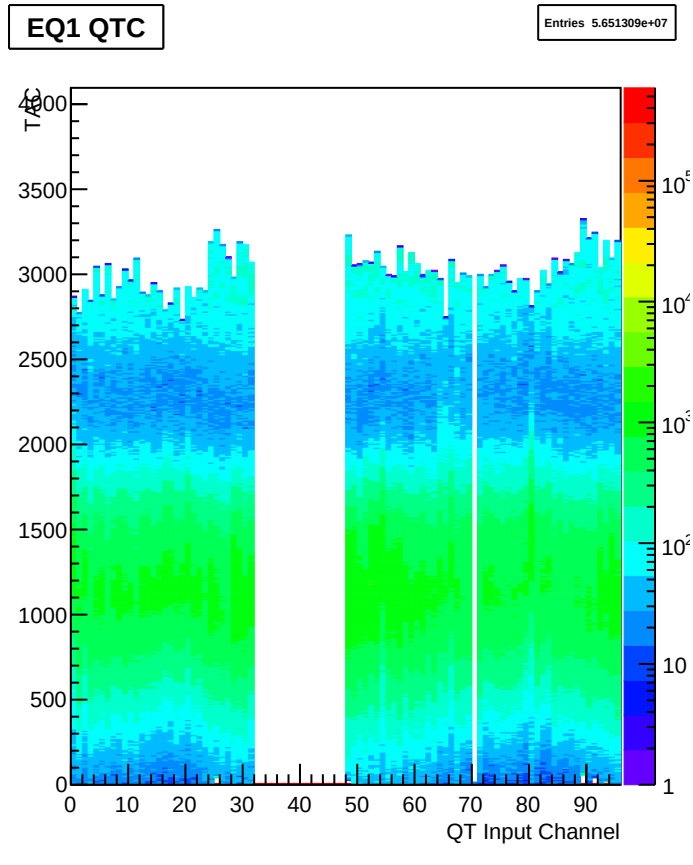

BBQ-VP002 West
Entries 9418848
ADC
QT Input Channel

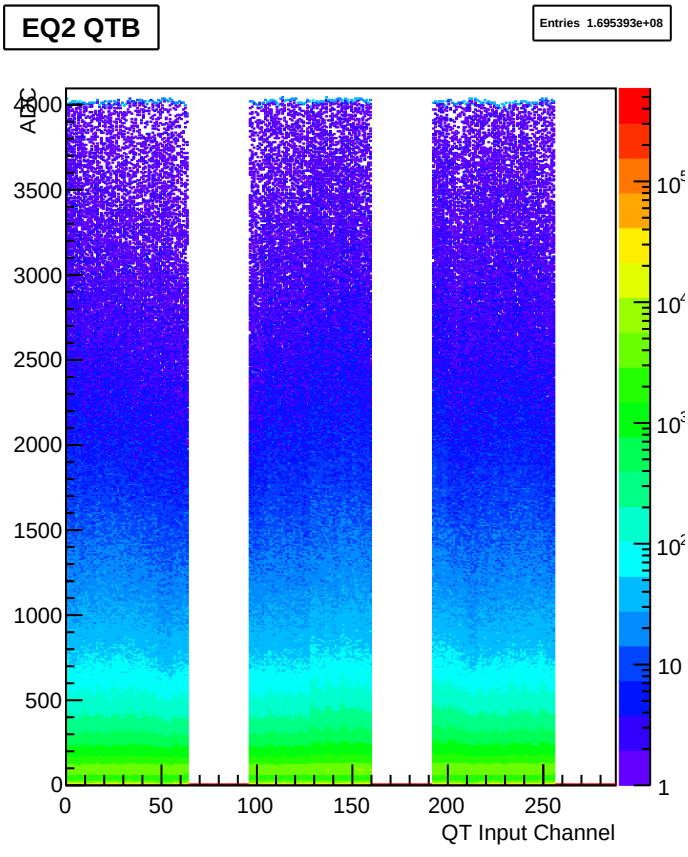

BBQ-VP002 West
Entries 9418848
TADC
QT Input Channel

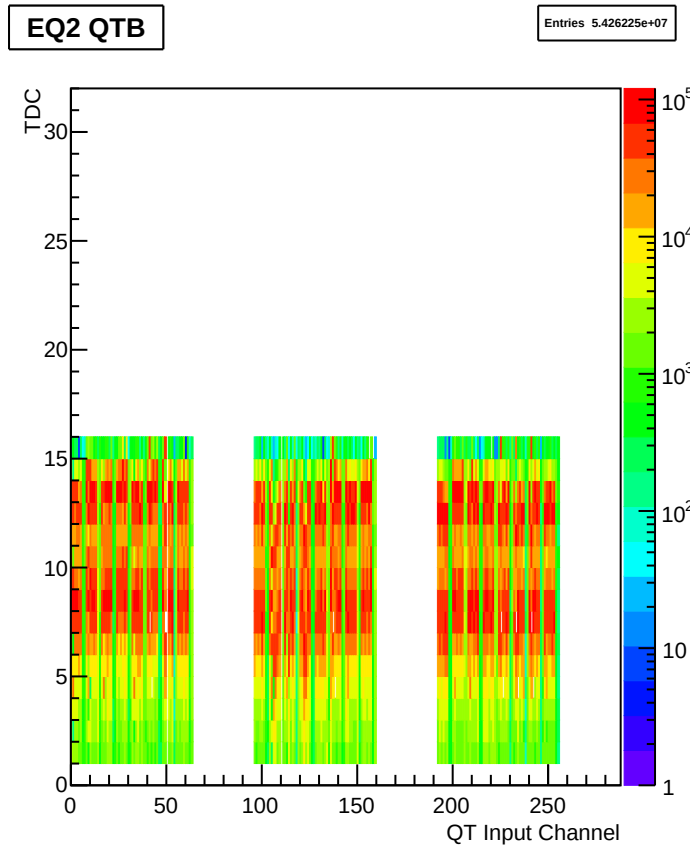

EQ1 QTB
Entries 1.695393e+08
ADC
QT Input Channel

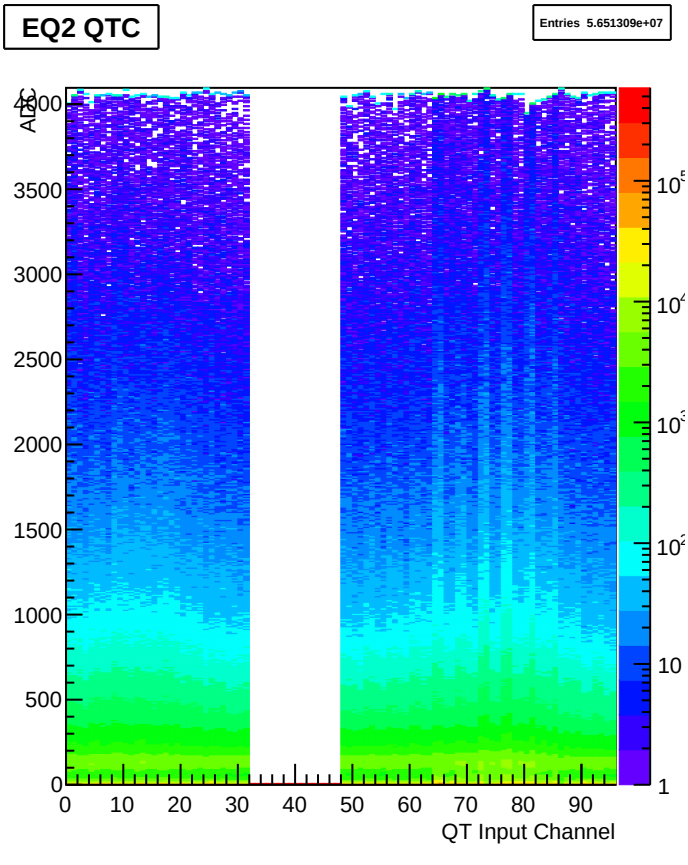

EQ1 QTB
Entries 5.543379e+07
TDC
QT Input Channel

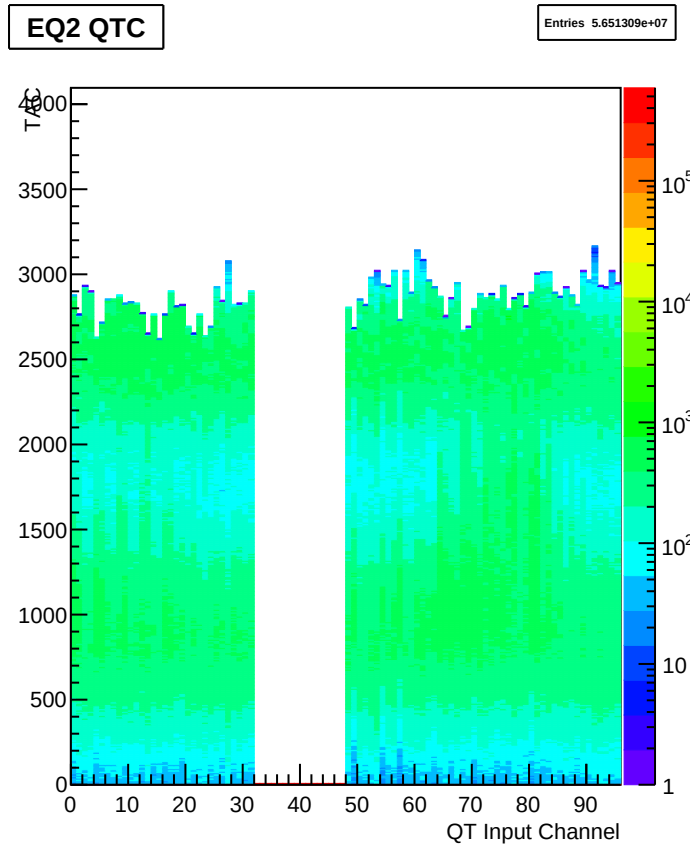

EQ1 QTC
Entries 5.651309e+07
ADC
QT Input Channel

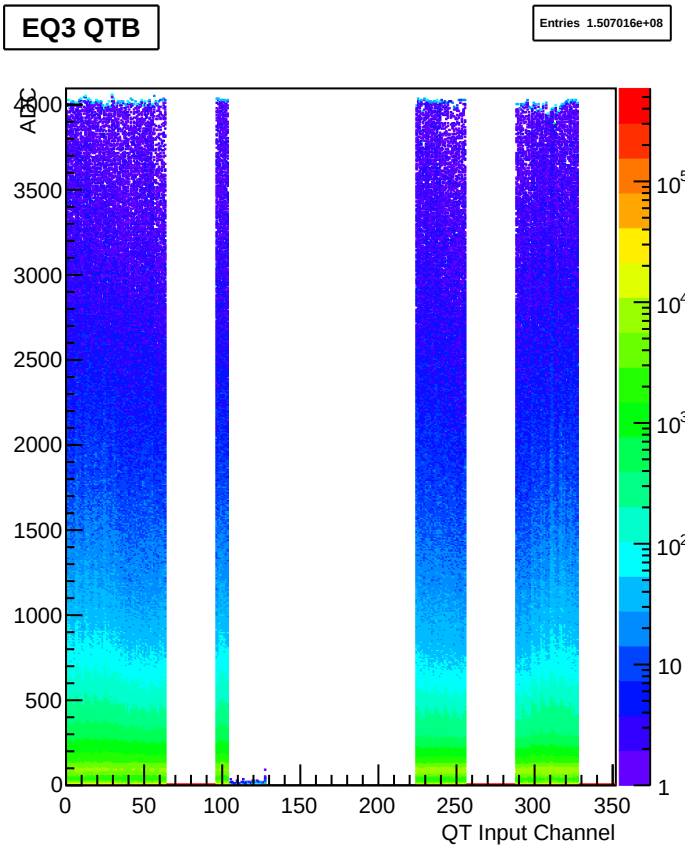

EQ1 QTC
Entries 5.651309e+07
TADC
QT Input Channel

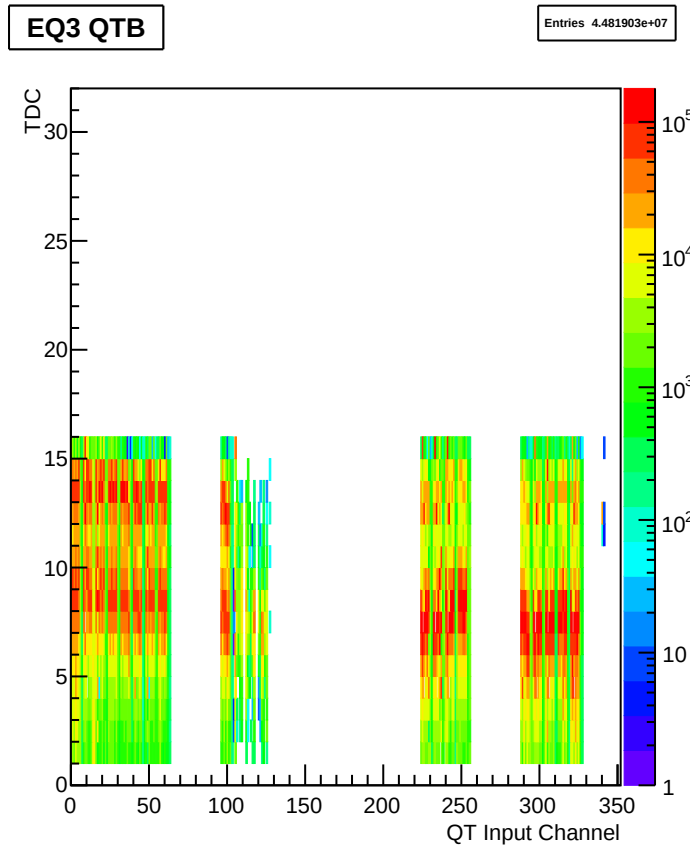

EQ2 QTB
Entries 1.695393e+08
ADC
QT Input Channel

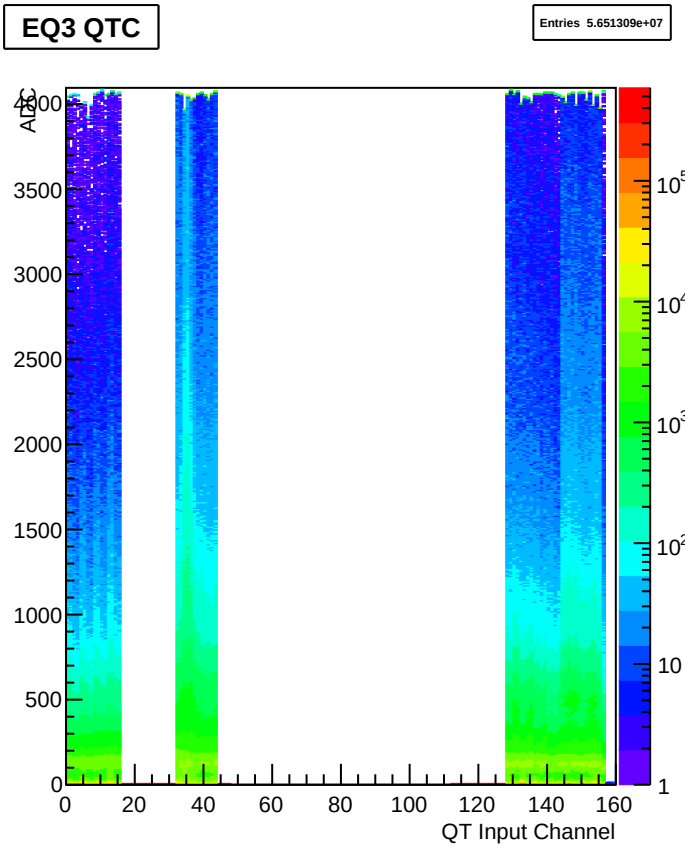

EQ2 QTB
Entries 5.426225e+07
TDC
QT Input Channel

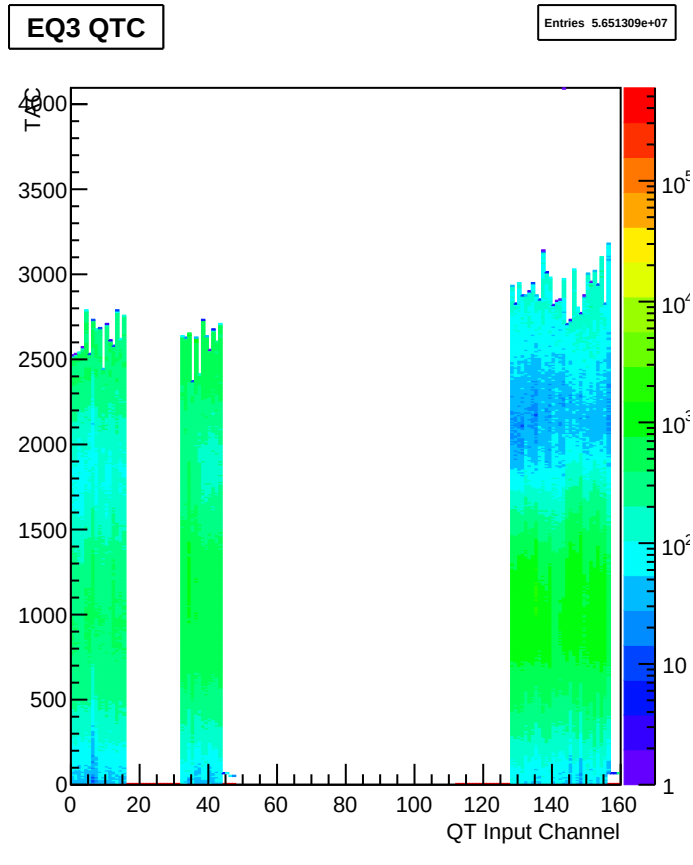

EQ2 QTC
Entries 5.651309e+07
ADC
QT Input Channel

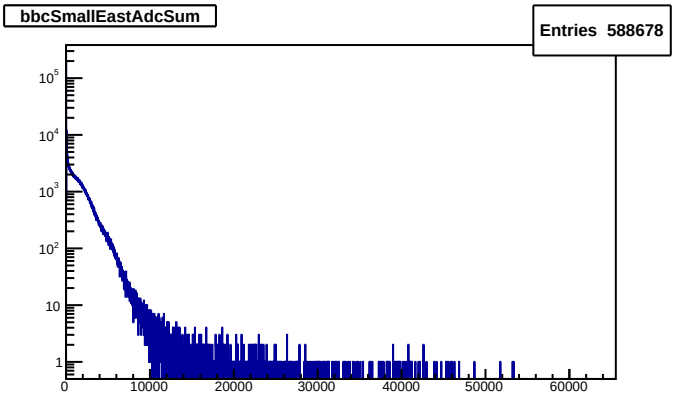

EQ2 QTC
Entries 5.651309e+07
TADC
QT Input Channel

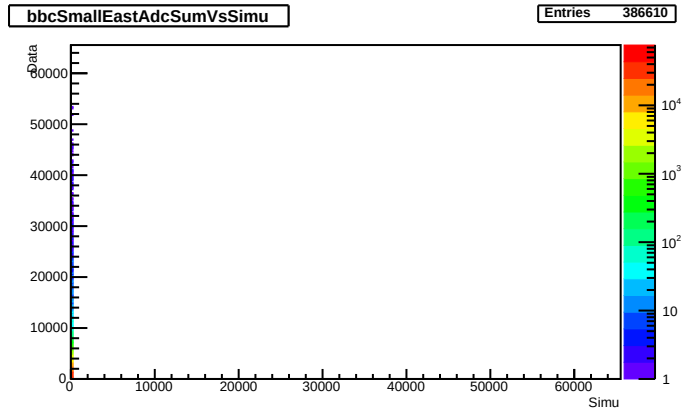

EQ3 QTB
Entries 1.507016e+08
ADC
QT Input Channel

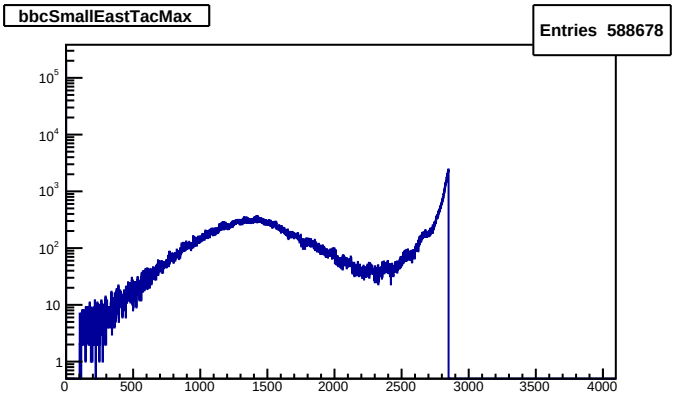

EQ3 QTB
Entries 4.481903e+07
TDC
QT Input Channel

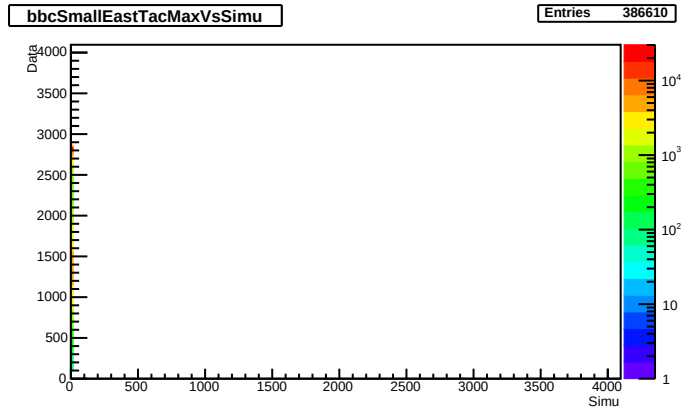

EQ3 QTC
Entries 5.651309e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.651309e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 588678


bbcSmallEastAdcSumVsSimu
Entries 386610
Data
Simu


bbcSmallEastTacMax
Entries 588678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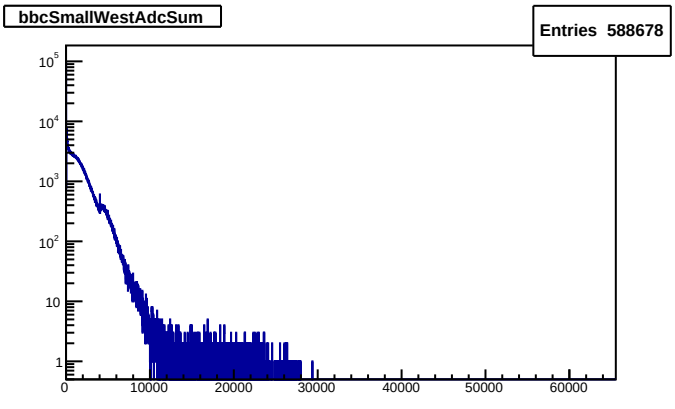
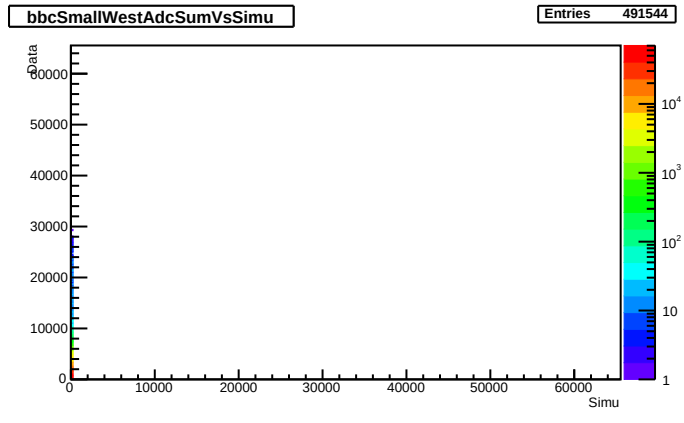
Entries 386610
Data
Simu


bbcSmallWestAdcSum
Entries 588678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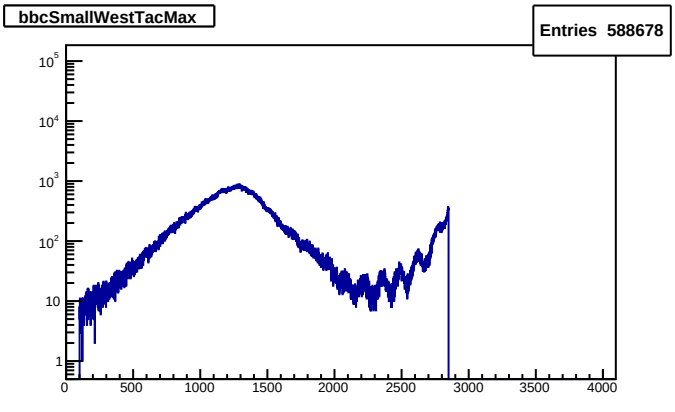
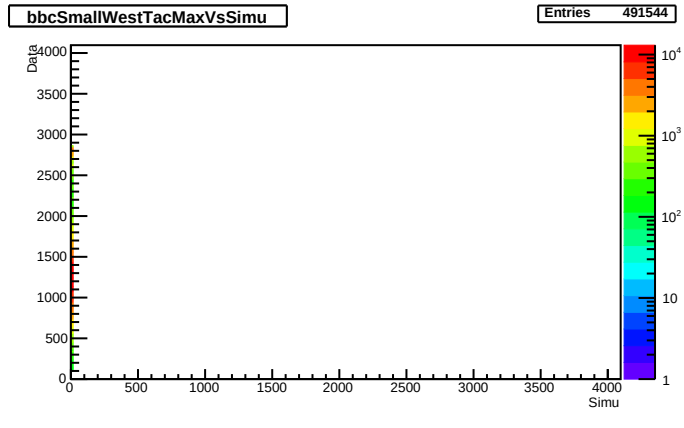
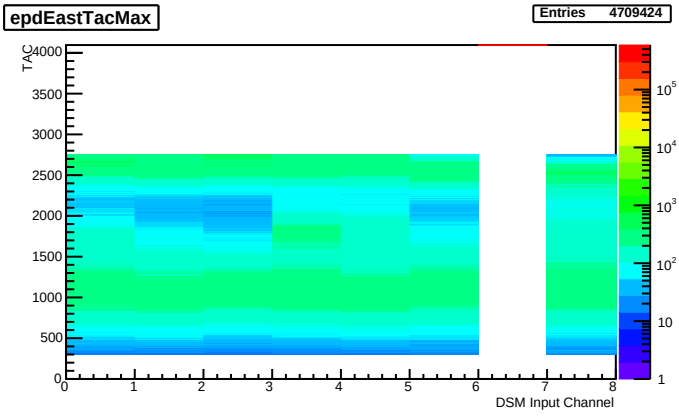
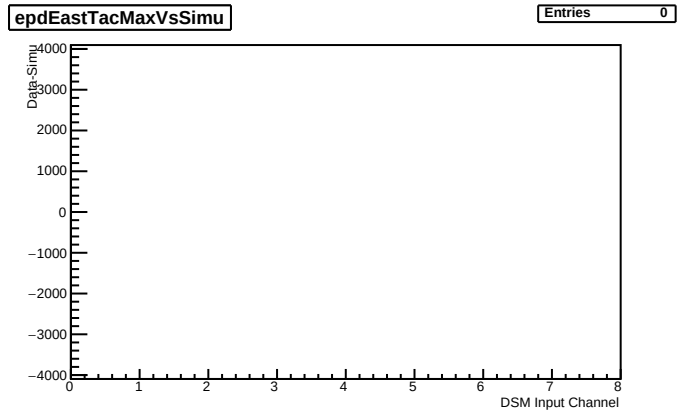
Entries 491544
Data
Simu


bbcSmallWestTacMax
Entries 588678


bbcSmallWestTacMaxVsSimu
Entries 491544
Data
Simu


epdEastTacMax
Entries 4709424
TAC
DSM Input Channel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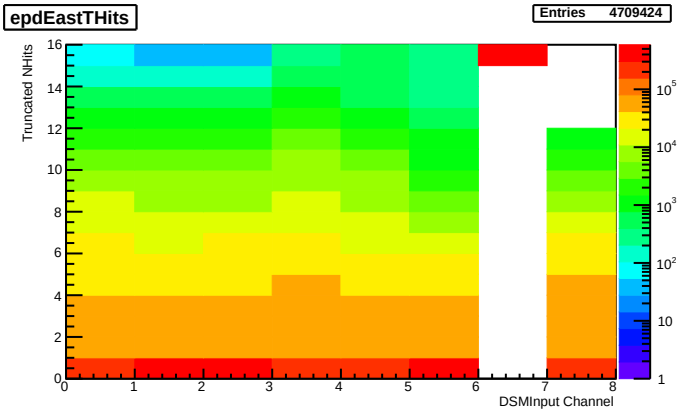
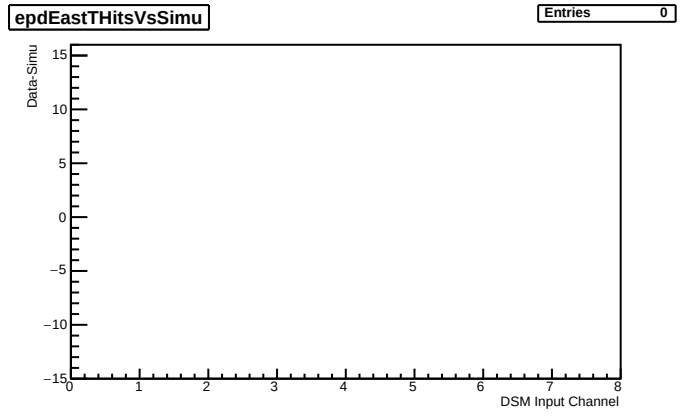
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4709424
Truncated NHits
DSMInput Channel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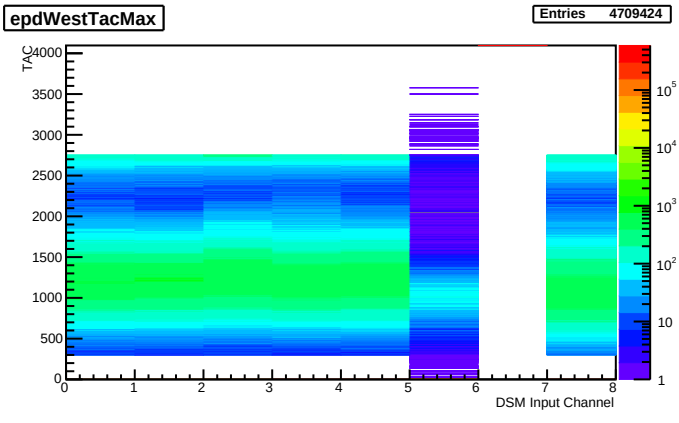
Entries 0
Data-Simu
DSM Input Channel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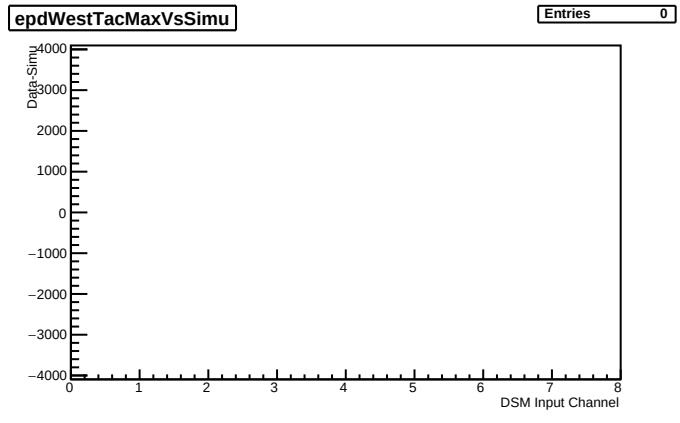
Entries 4709424
TAC
DSM Input Channel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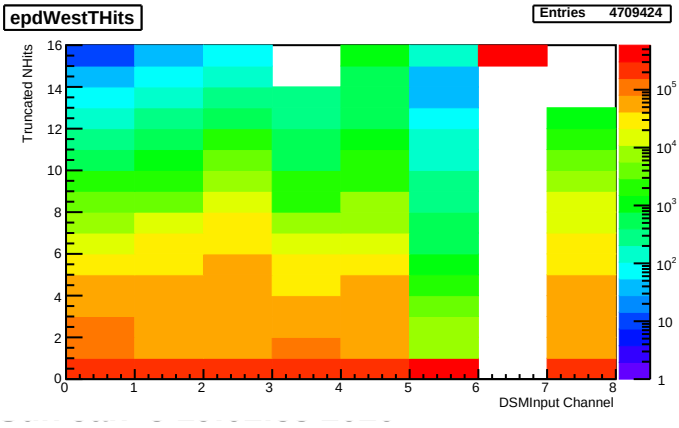
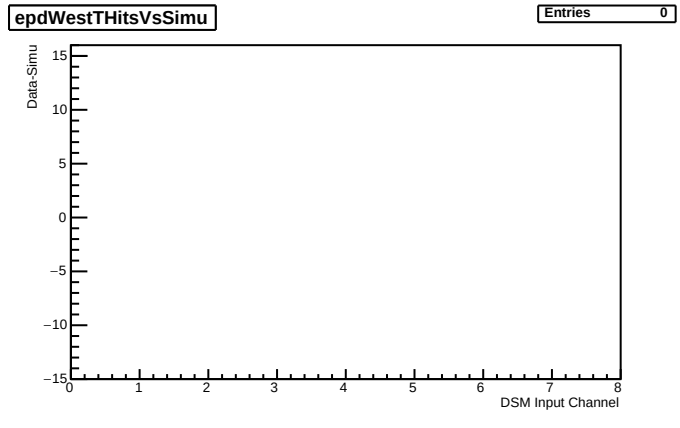
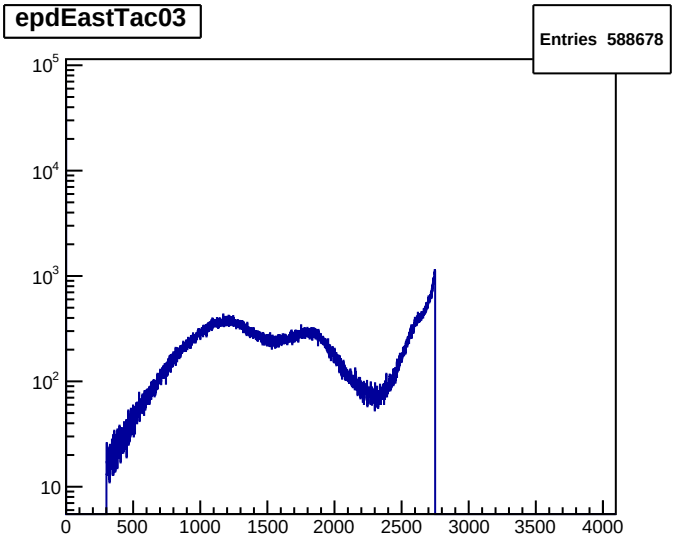
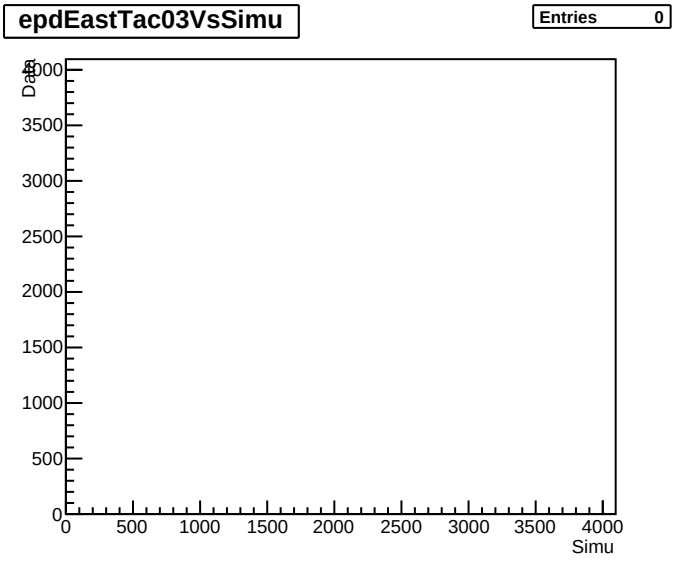
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4709424
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 588678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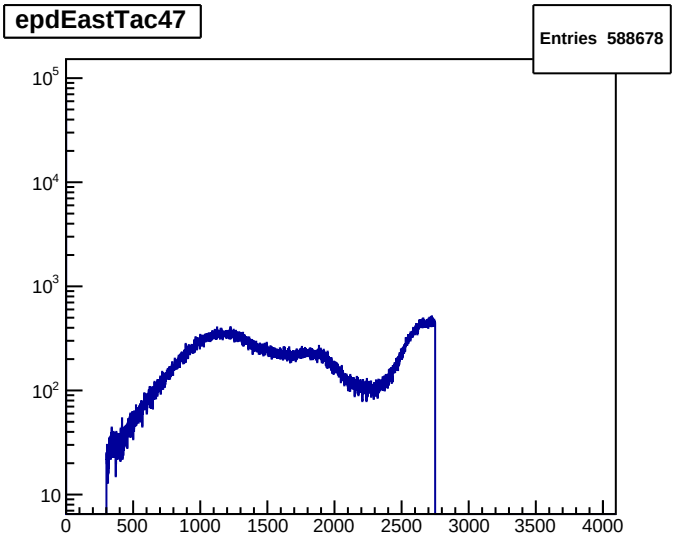
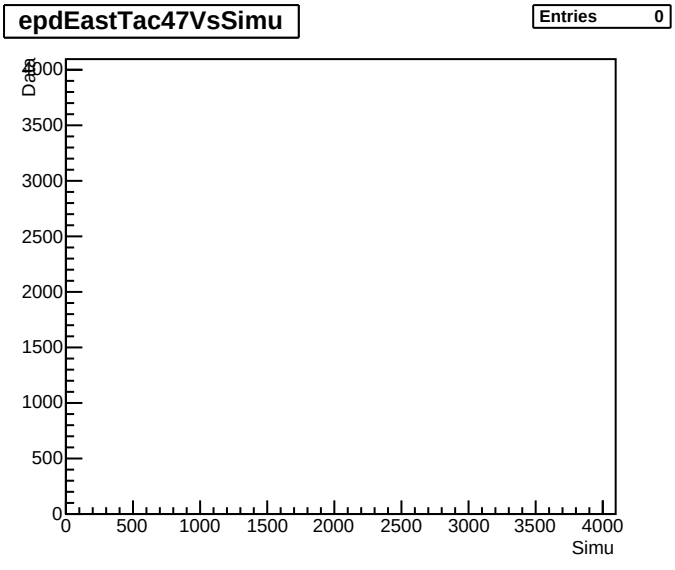
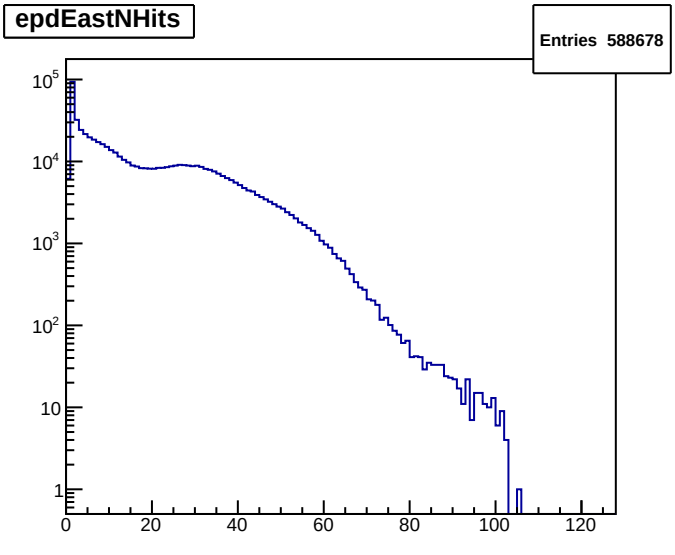
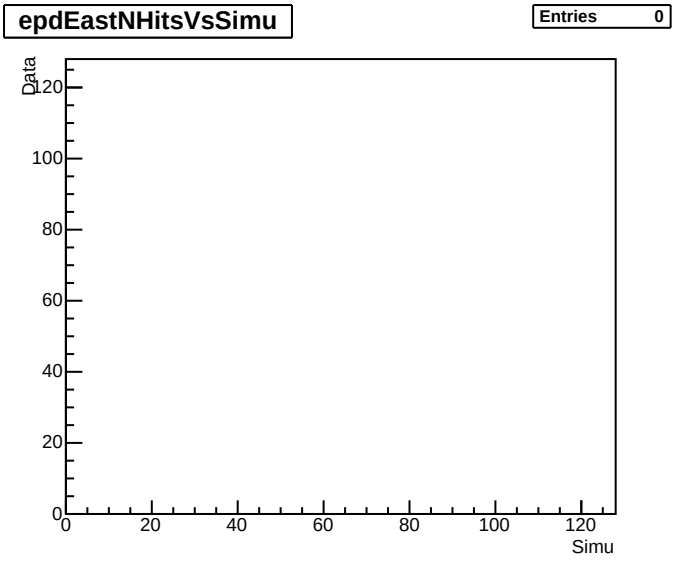
Entries 0
Data
Simu


epdEastTac47
Entries 588678


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 588678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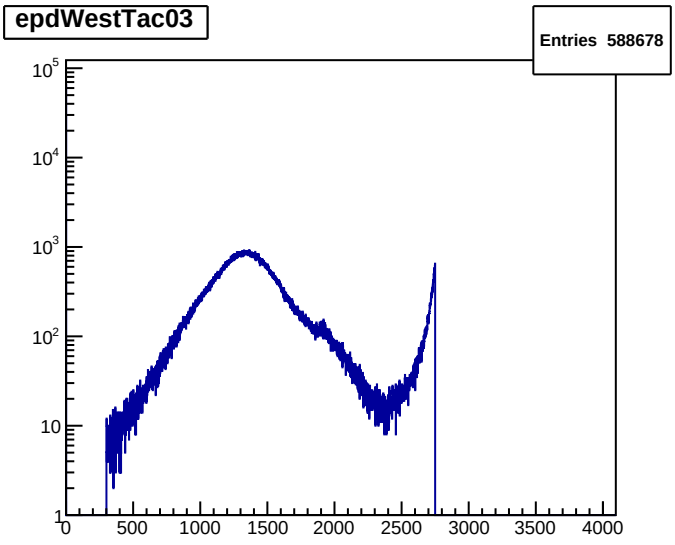
Entries 0
Data
Simu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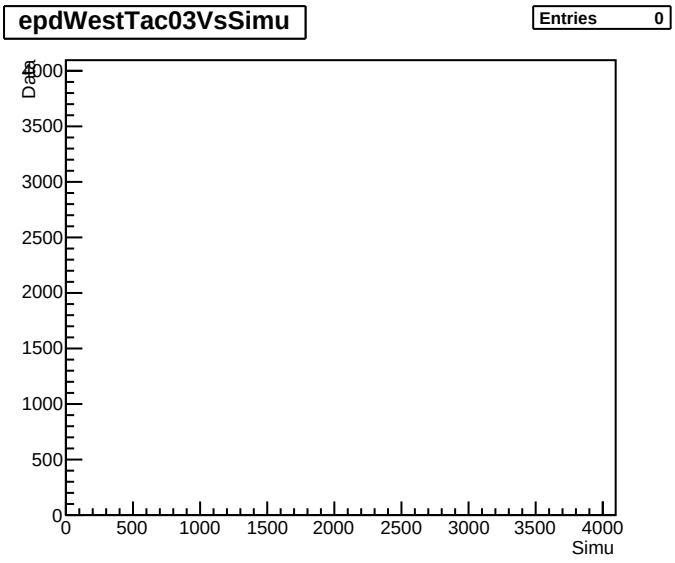
Entries 588678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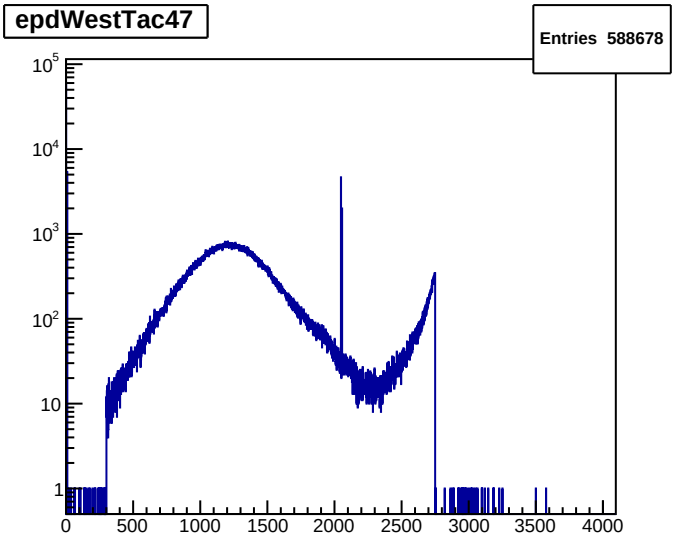
Entries 0
Data
Simu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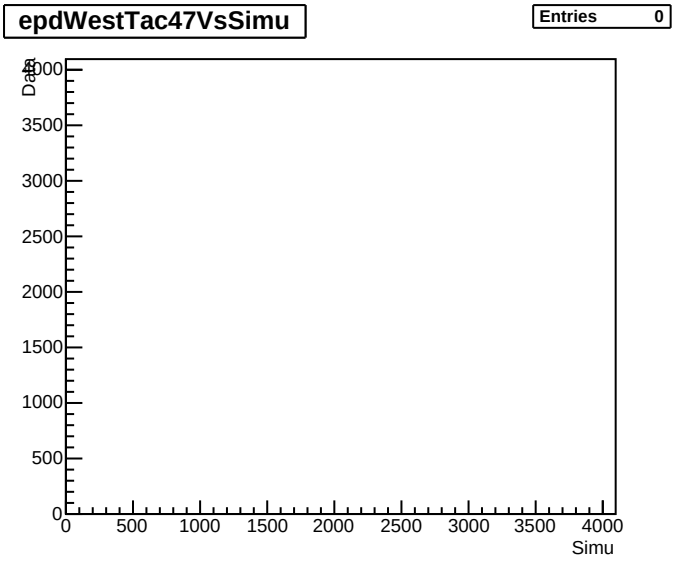
Entries 588678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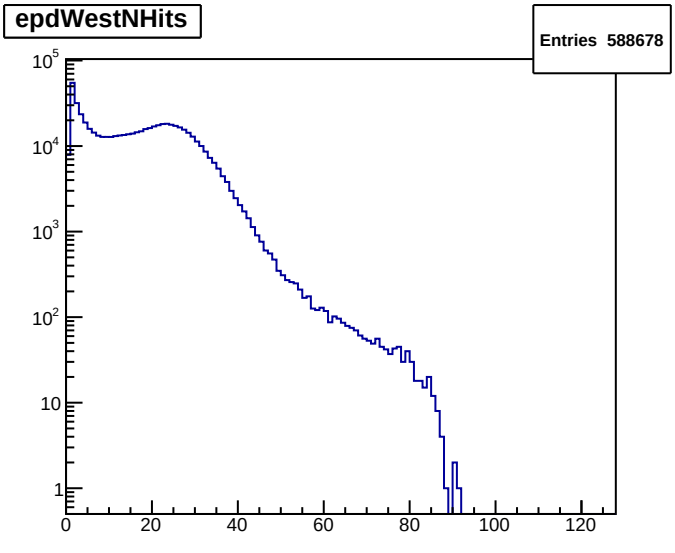
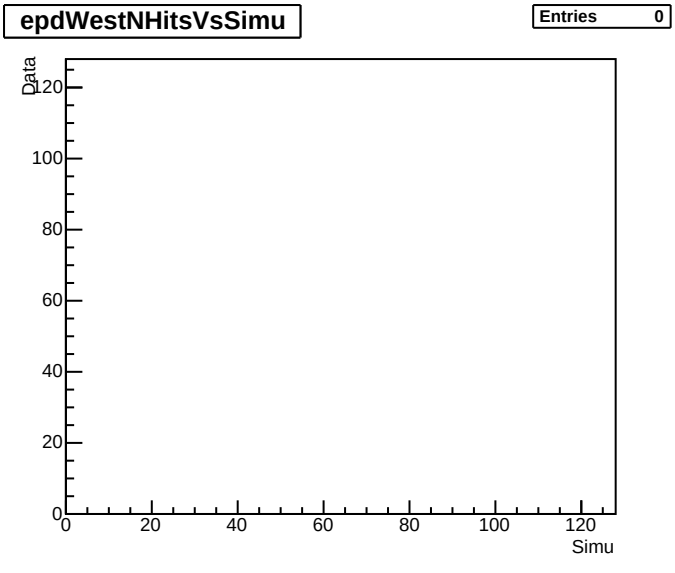
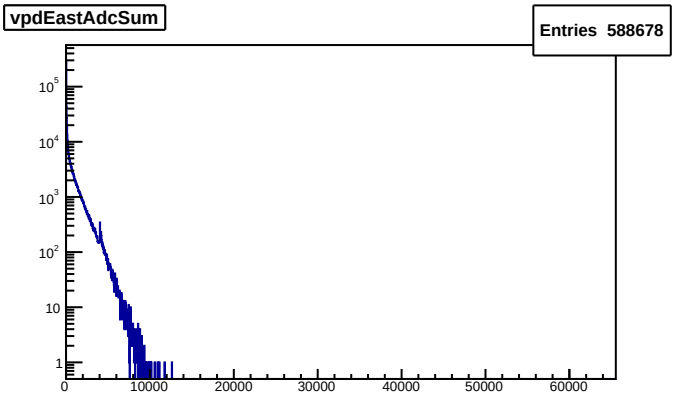
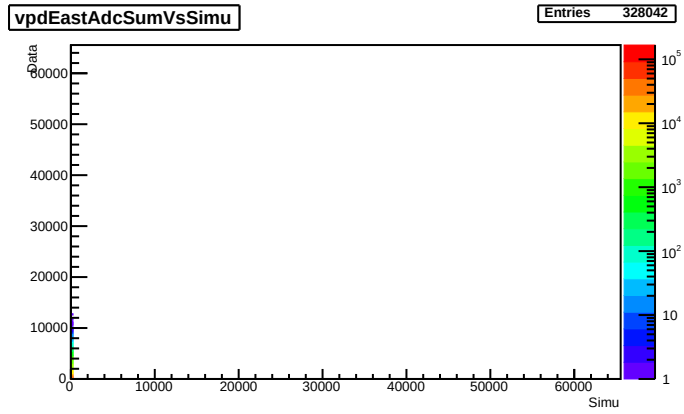
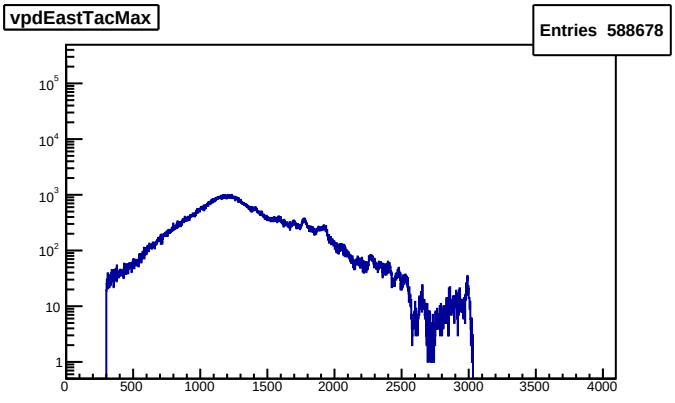
Entries 0
Data
Simu

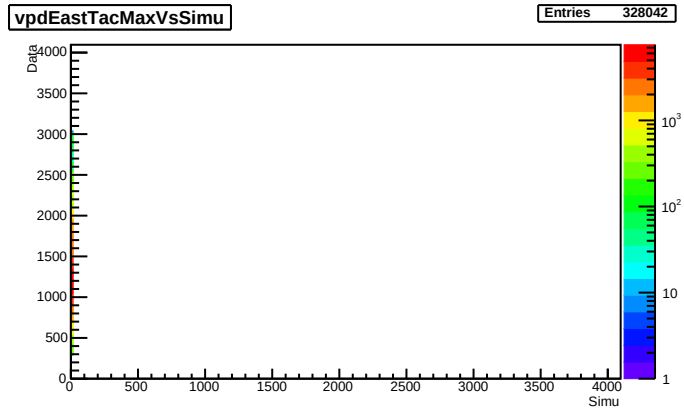

epdWestNHits
Entries 588678

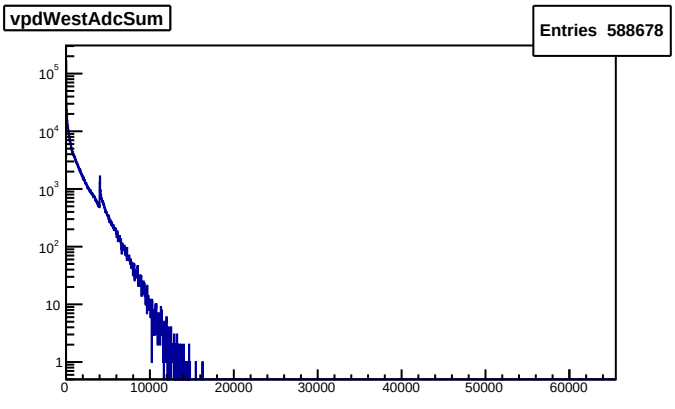

epdWestNHitsVsSimu
Entries 0
Data
Simu

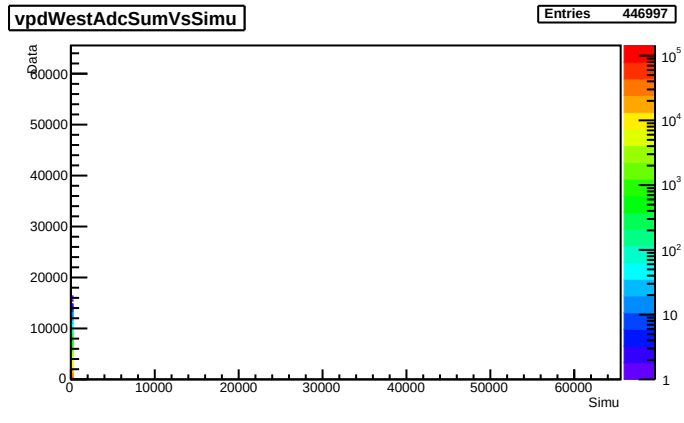

vpdEastAdcSum
Entries 588678

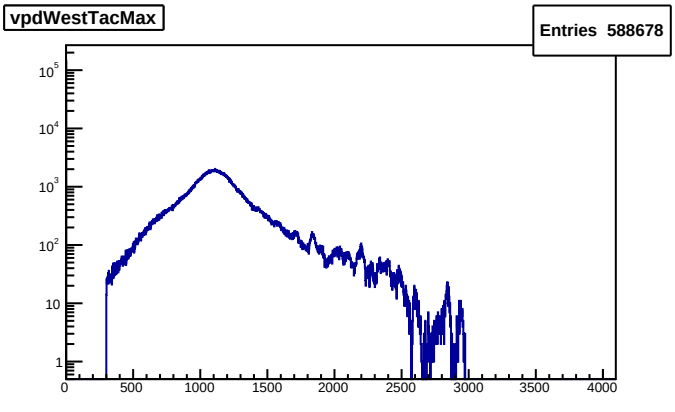

vpdEastAdcSumVsSimu
Entries 328042
Data
Simu

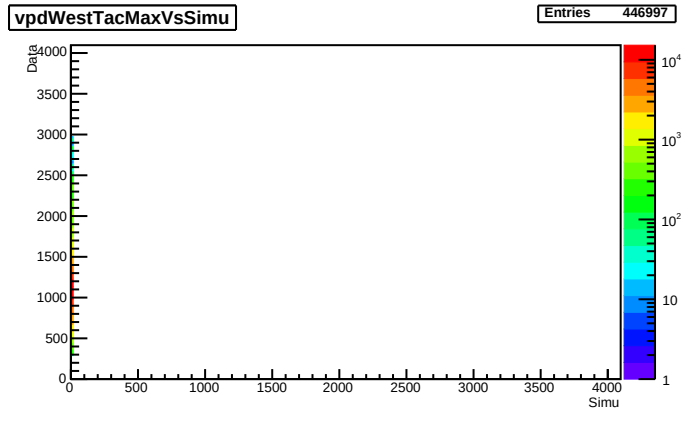

vpdEastTacMax
Entries 588678

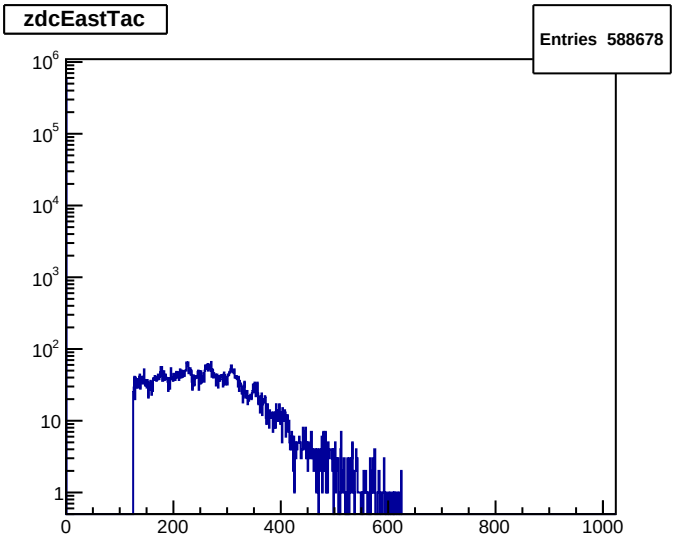

vpdEastTacMaxVsSimu
Entries 328042
Data
Simu

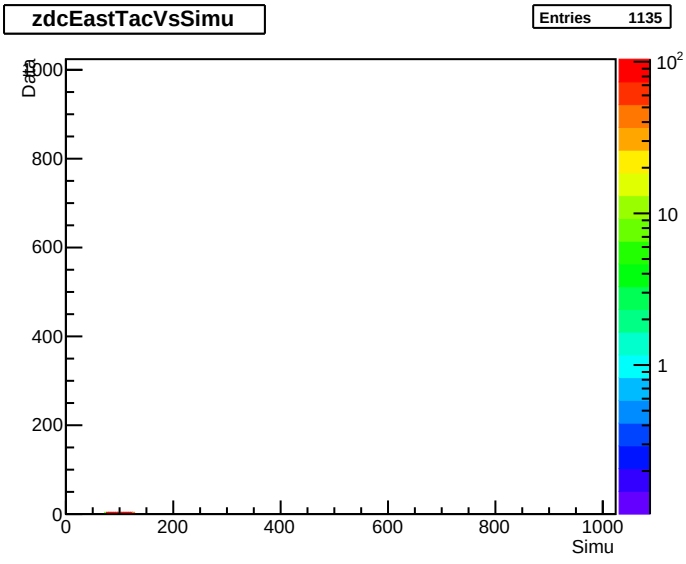

vpdWestAdcSum
Entries 588678

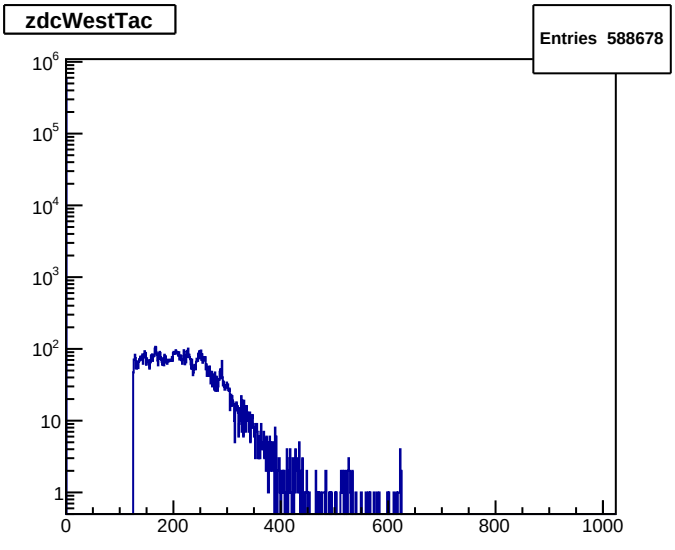

vpdWestAdcSumVsSimu
Entries 446997
Data
Simu

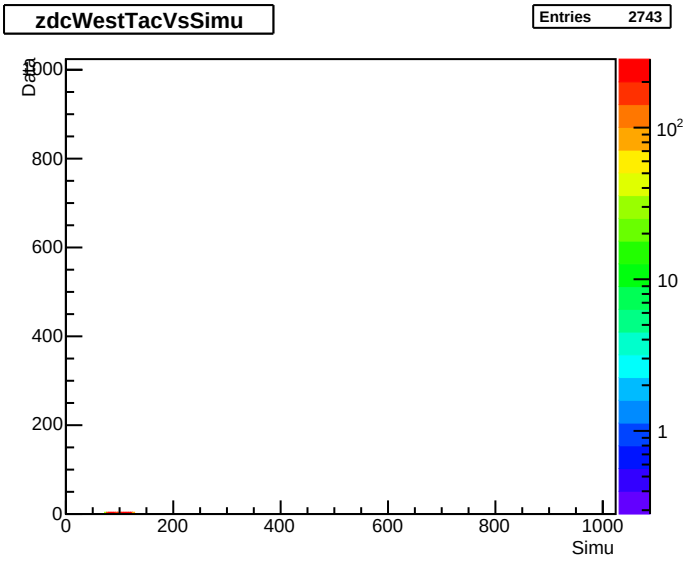

vpdWestTacMax
Entries 588678

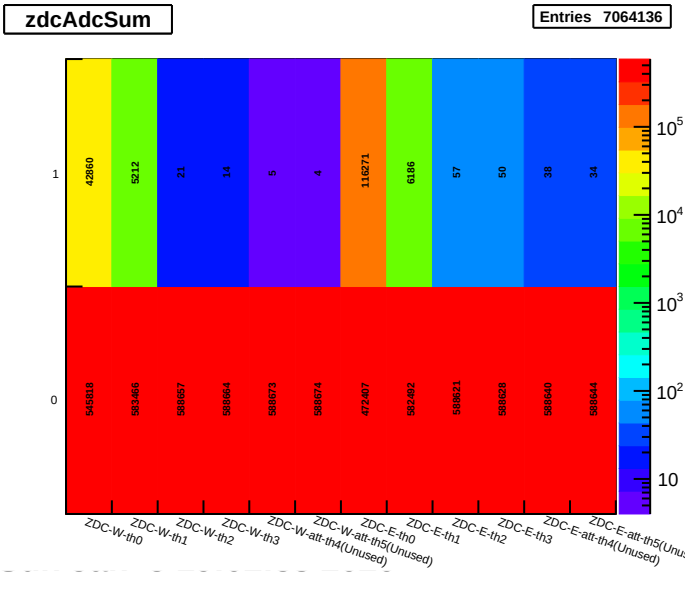

vpdWestTacMaxVsSimu
Entries 446997
Data
Simu

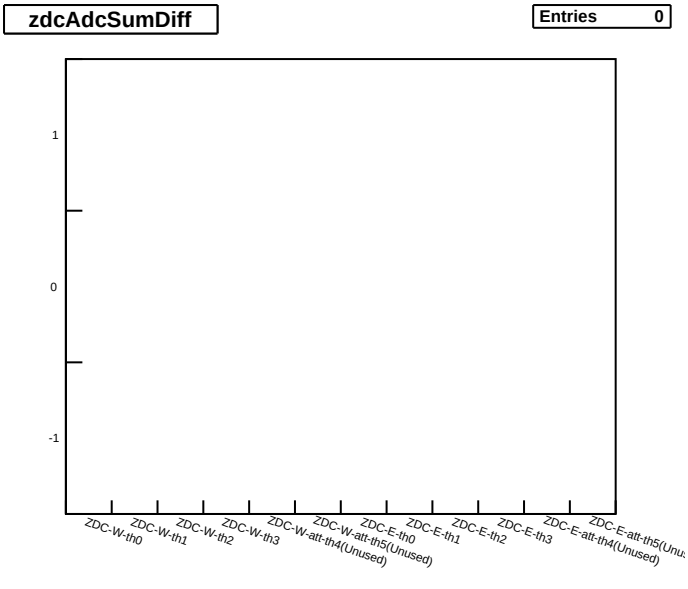

zdcEastTac
Entries 588678

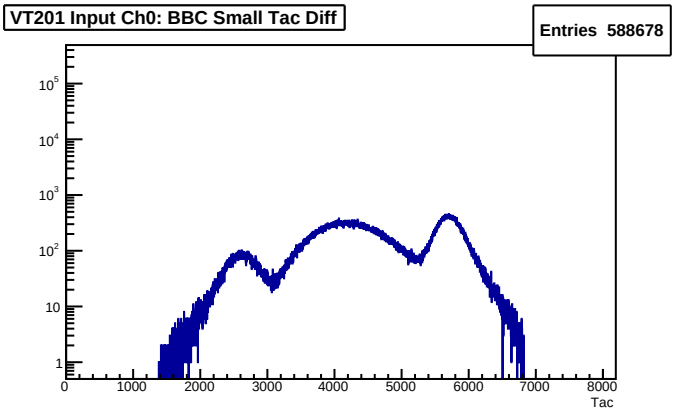

zdcEastTacVsSimu
Entries 1135
Data
Simu

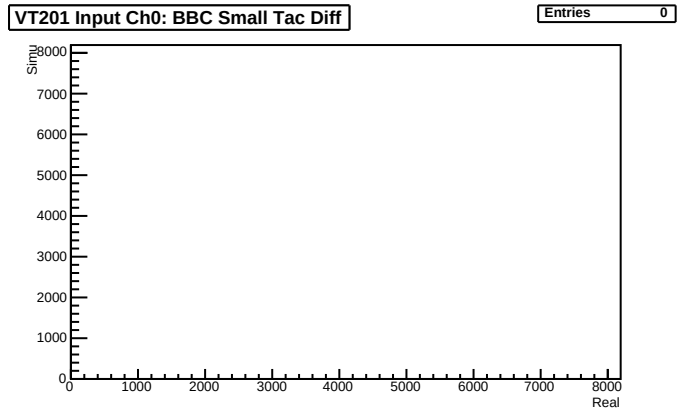

zdcWestTac
Entries 588678

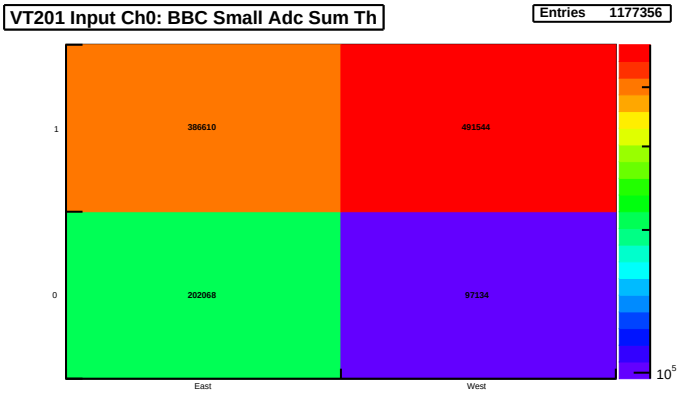

zdcWestTacVsSimu
Entries 2743
Data
Simu

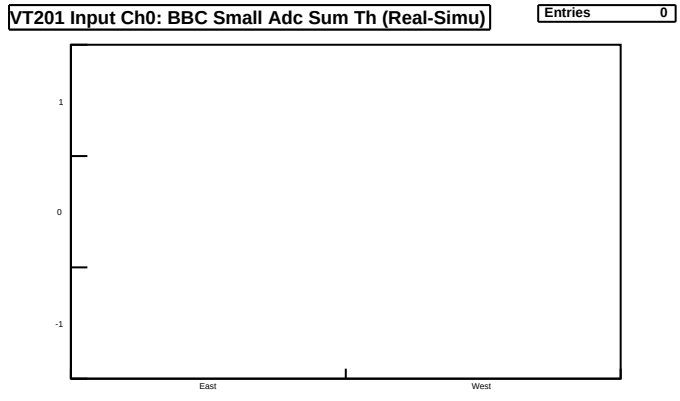

zdcAdcSum
Entries 7064136
42860
5212
21
14
5
4
116271
6186
57
50
38
34
545818
583466
588657
588664
588673
588674
472407
582492
588621
588628
588640
588644
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

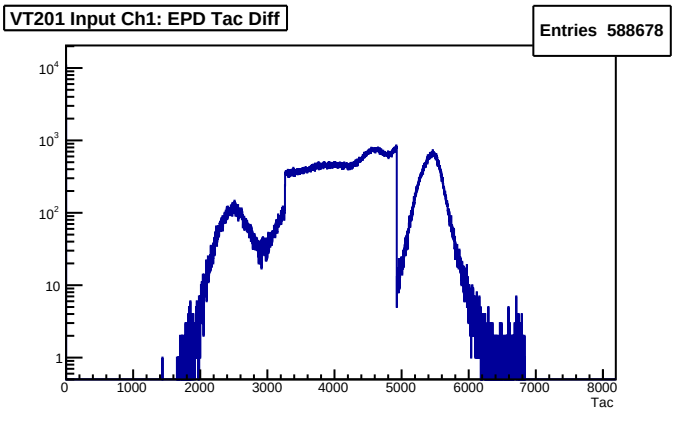

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

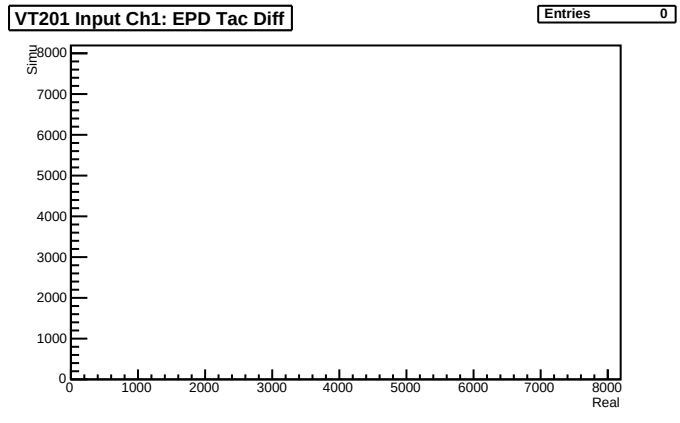

VT201 Input Ch0: BBC Small Tac Diff
Entries 588678
Tac

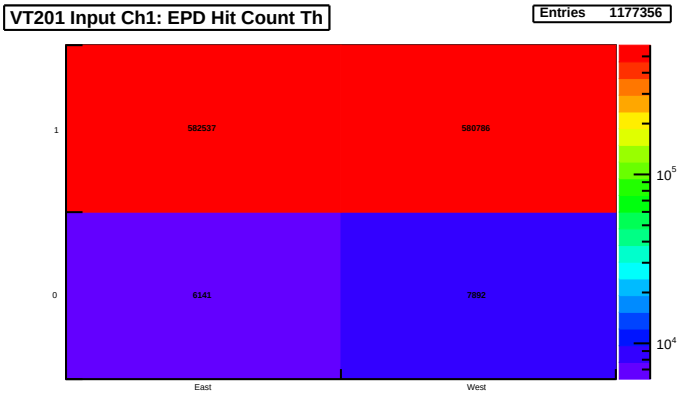

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

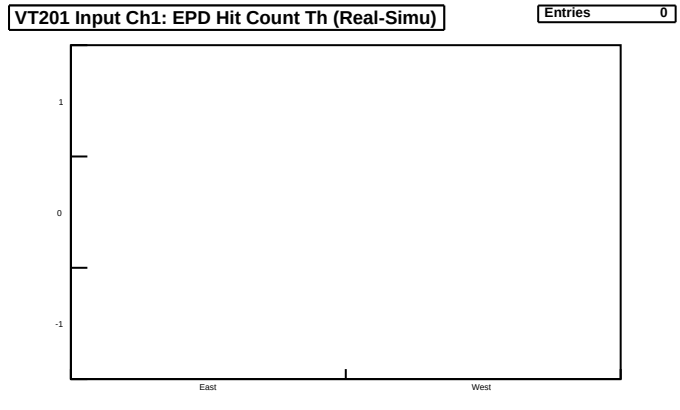

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1177356
386610
491544
202068
97134
East
West

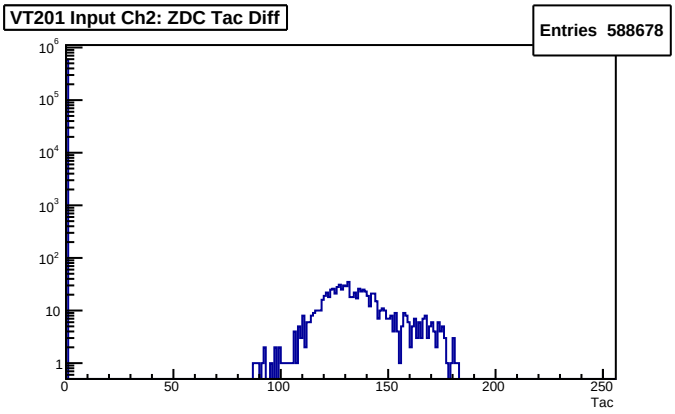

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

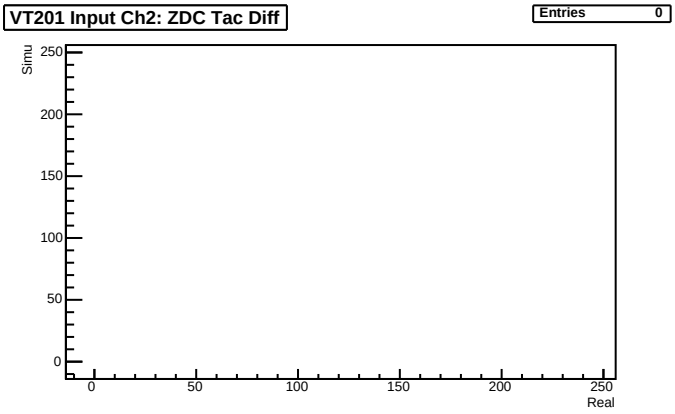

VT201 Input Ch1: EPD Tac Diff
Entries 588678
Tac

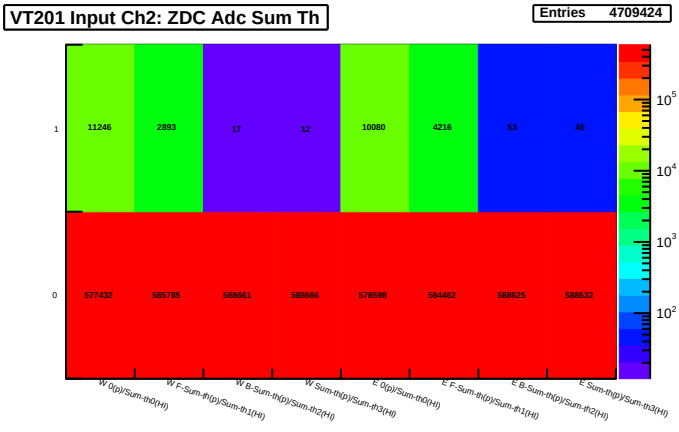

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

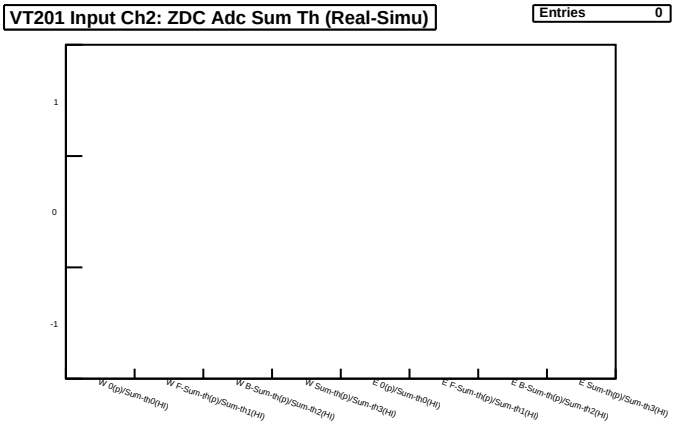

VT201 Input Ch1: EPD Hit Count Th
Entries 1177356
582537
580786
6141
7892
East
West

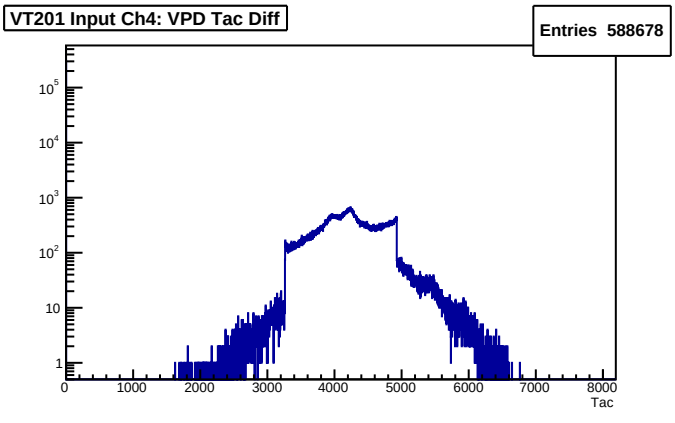

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

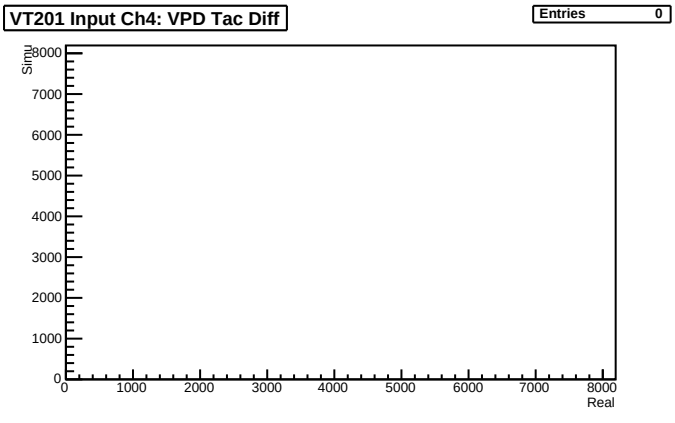

VT201 Input Ch2: ZDC Tac Diff
Entries 588678
Tac

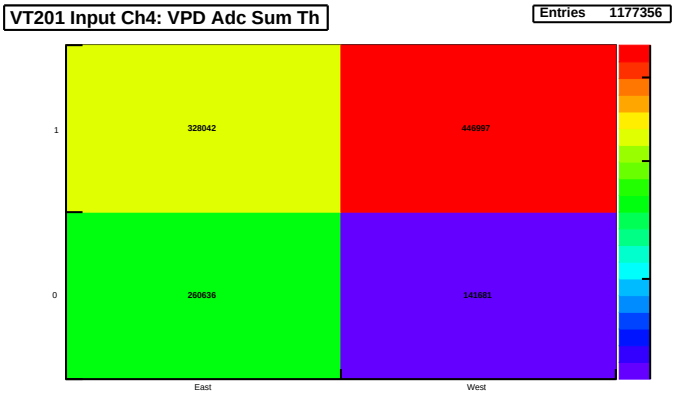

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

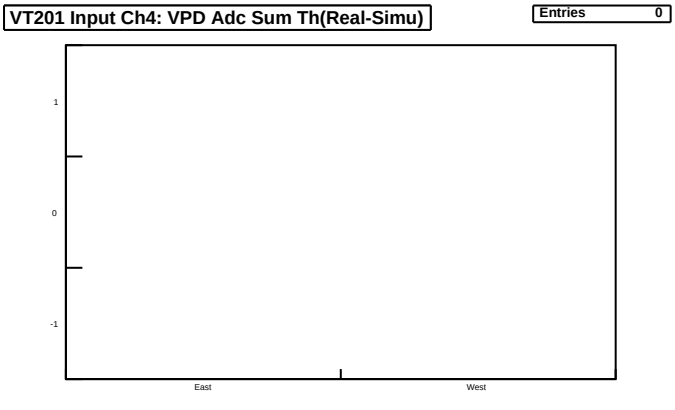

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4709424
11246
2893
17
12
10080
4216
53
46
577432
585785
588661
588666
578598
584462
588625
588632
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

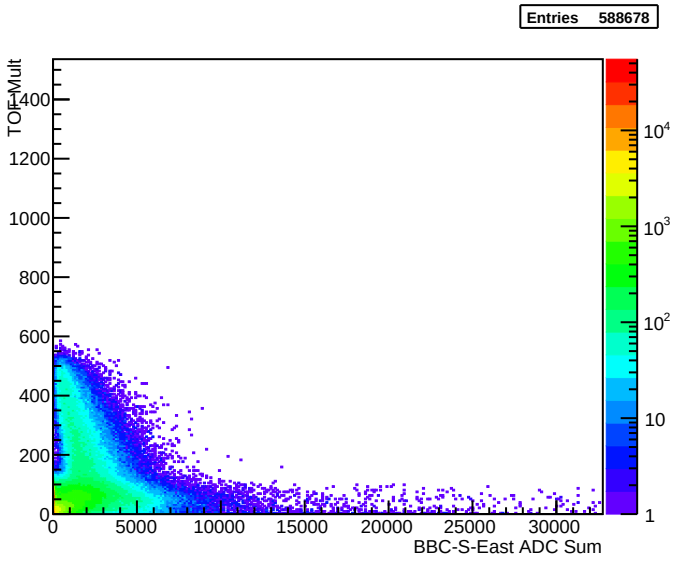

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

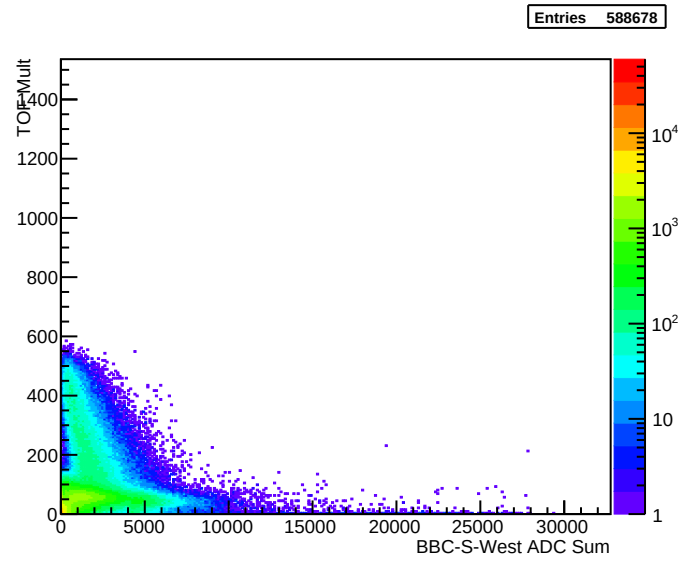

VT201 Input Ch4: VPD Tac Diff
Entries 588678
Tac

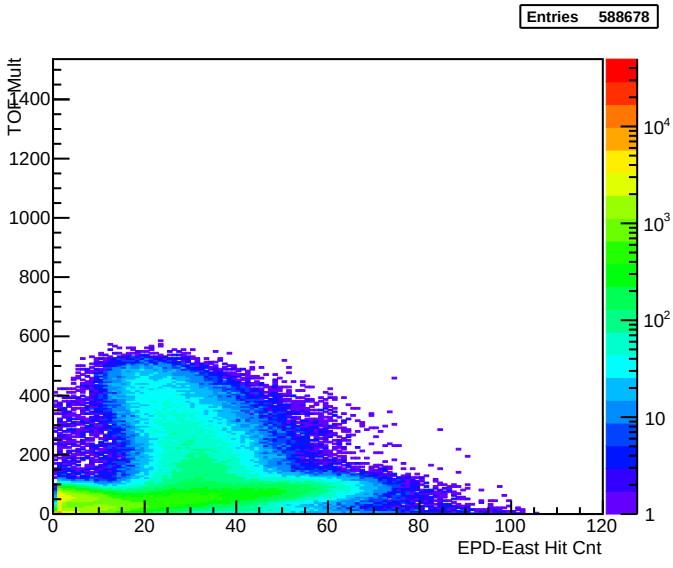

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

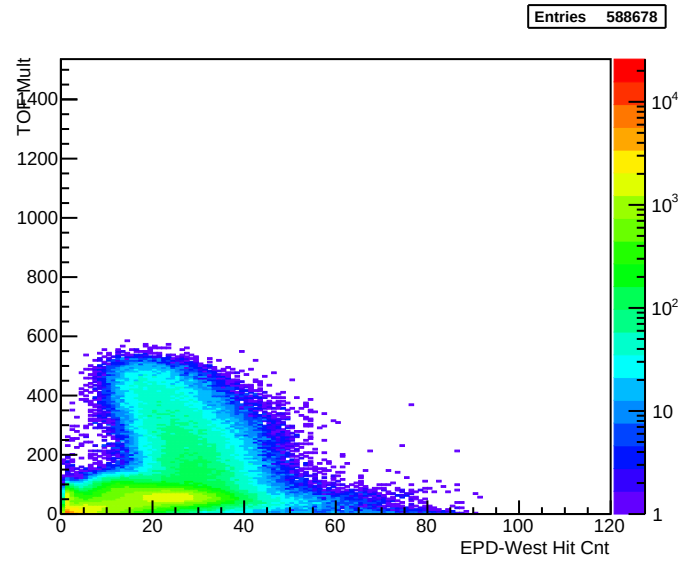

VT201 Input Ch4: VPD Adc Sum Th
Entries 1177356
328042
440997
260636
141681
East
West

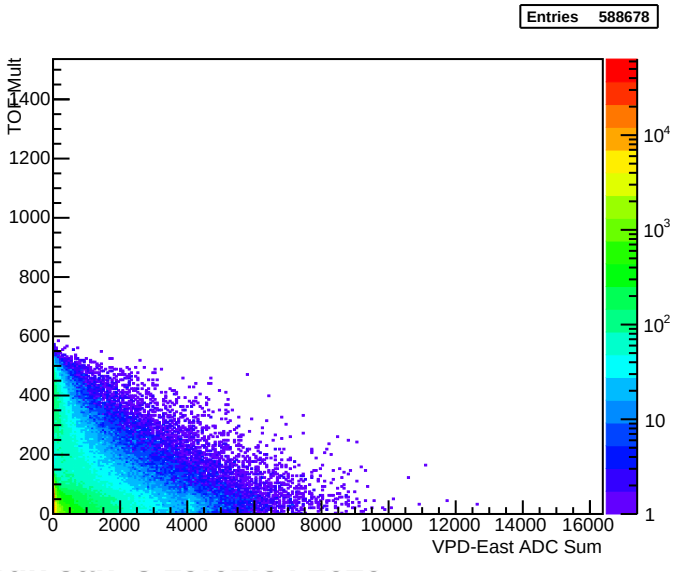

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

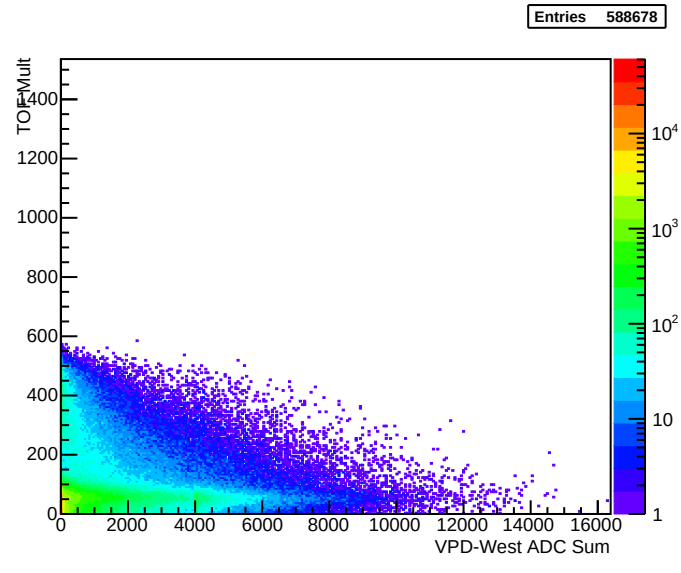

Entries 588678
TOF-Mult
BBC-S-East ADC Sum

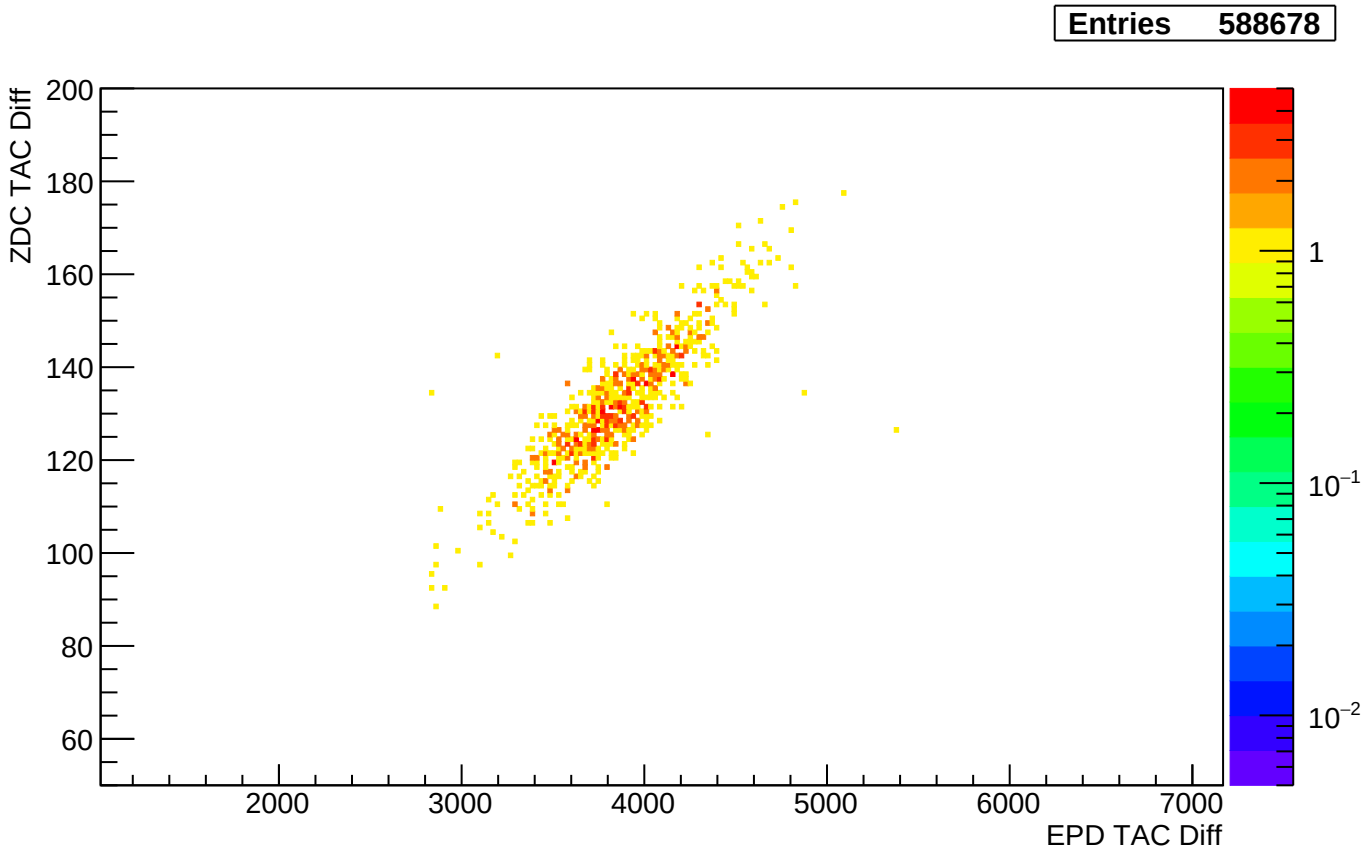

Entries 588678
TOF-Mult
BBC-S-West ADC Sum

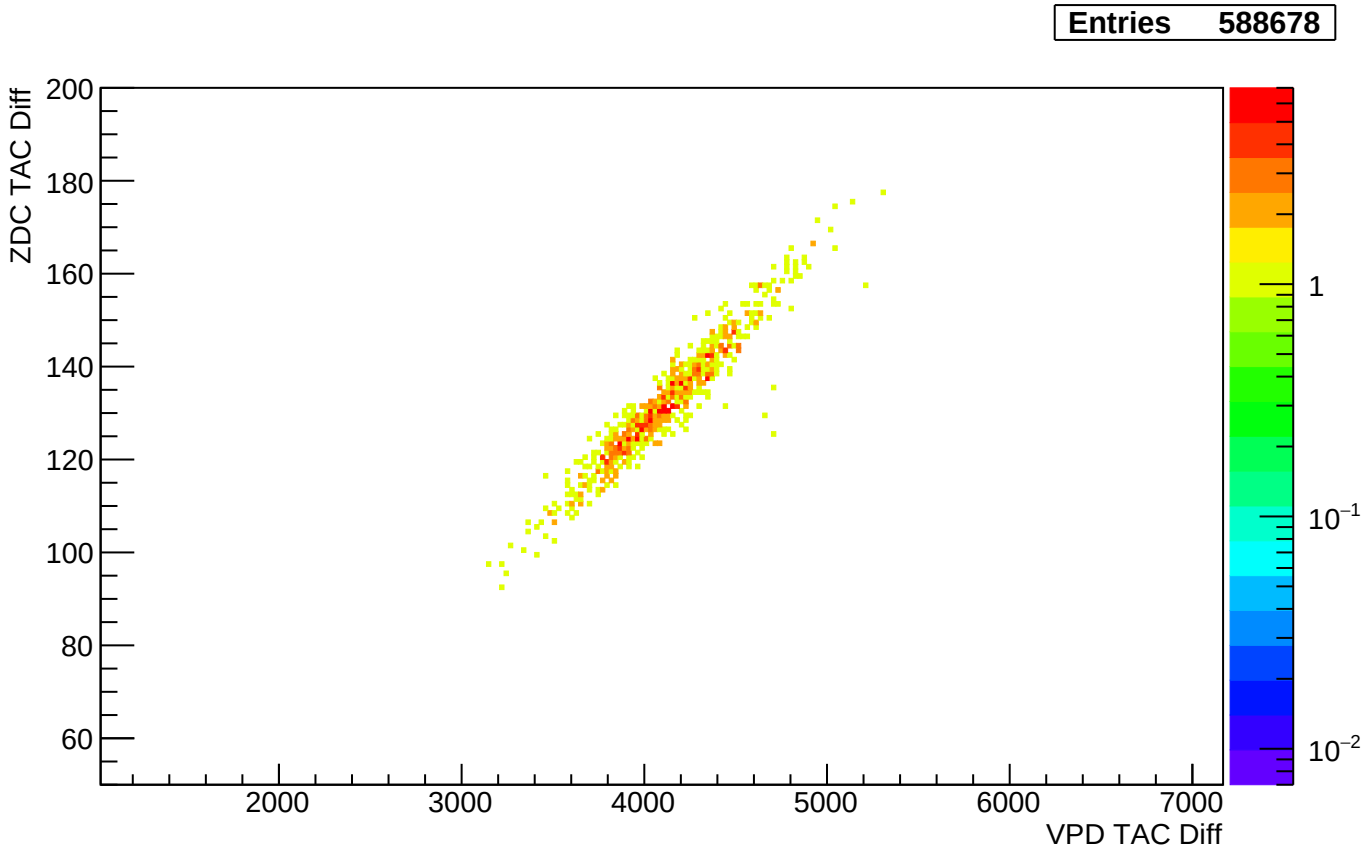

Entries 588678
TOF-Mult
EPD-East Hit Cnt

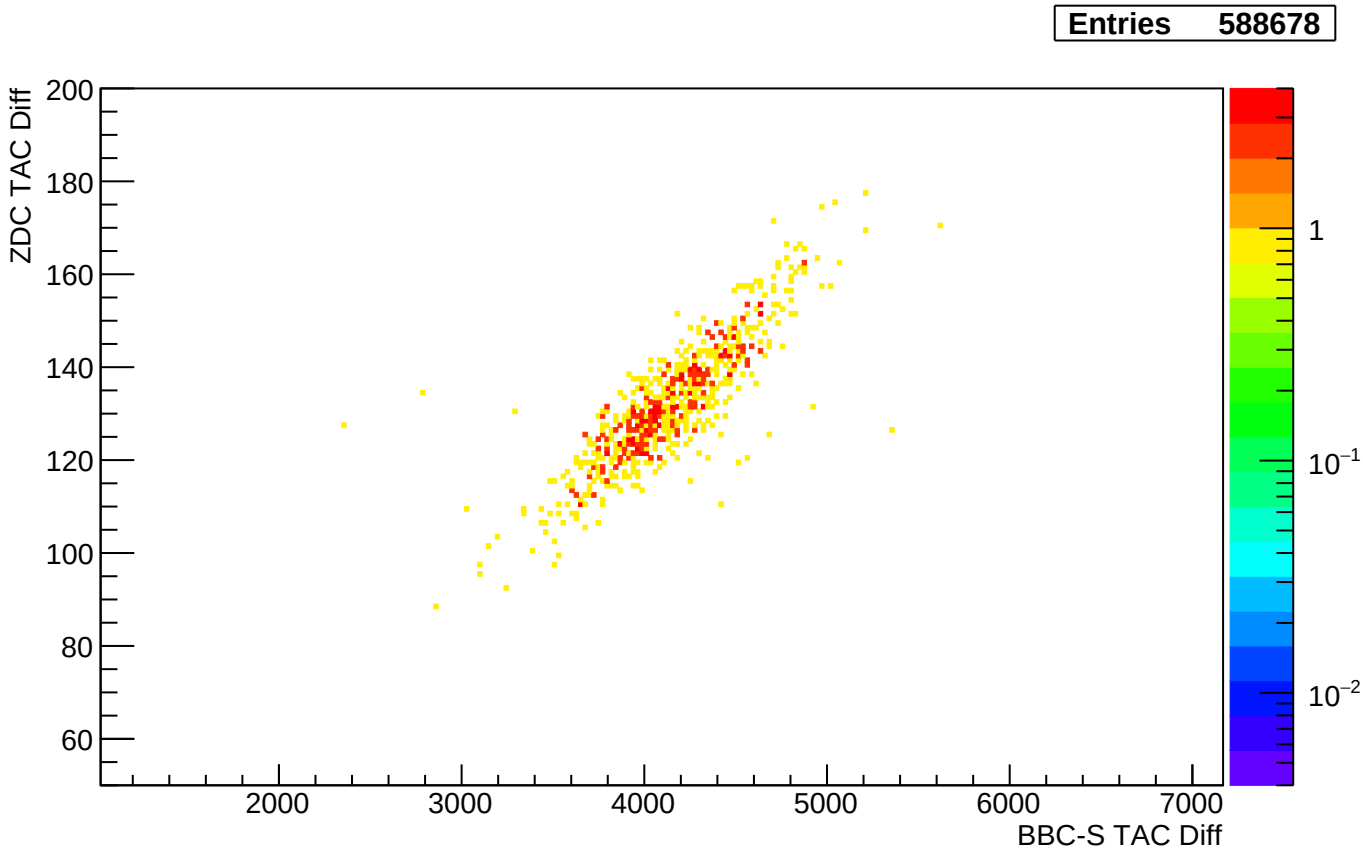

Entries 588678
TOF-Mult
EPD-West Hit Cnt

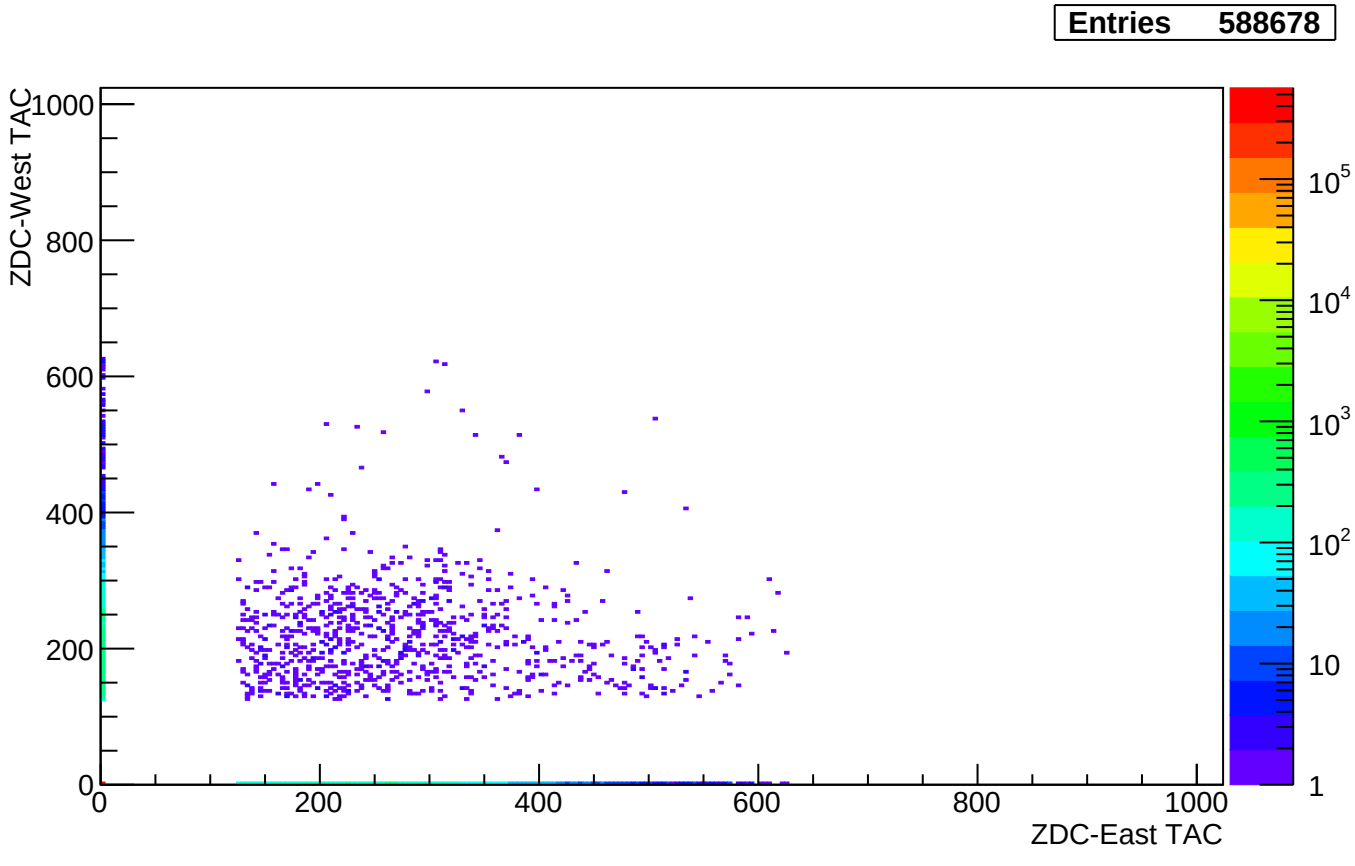

Entries 588678
TOF-Mult
VPD-East ADC Sum

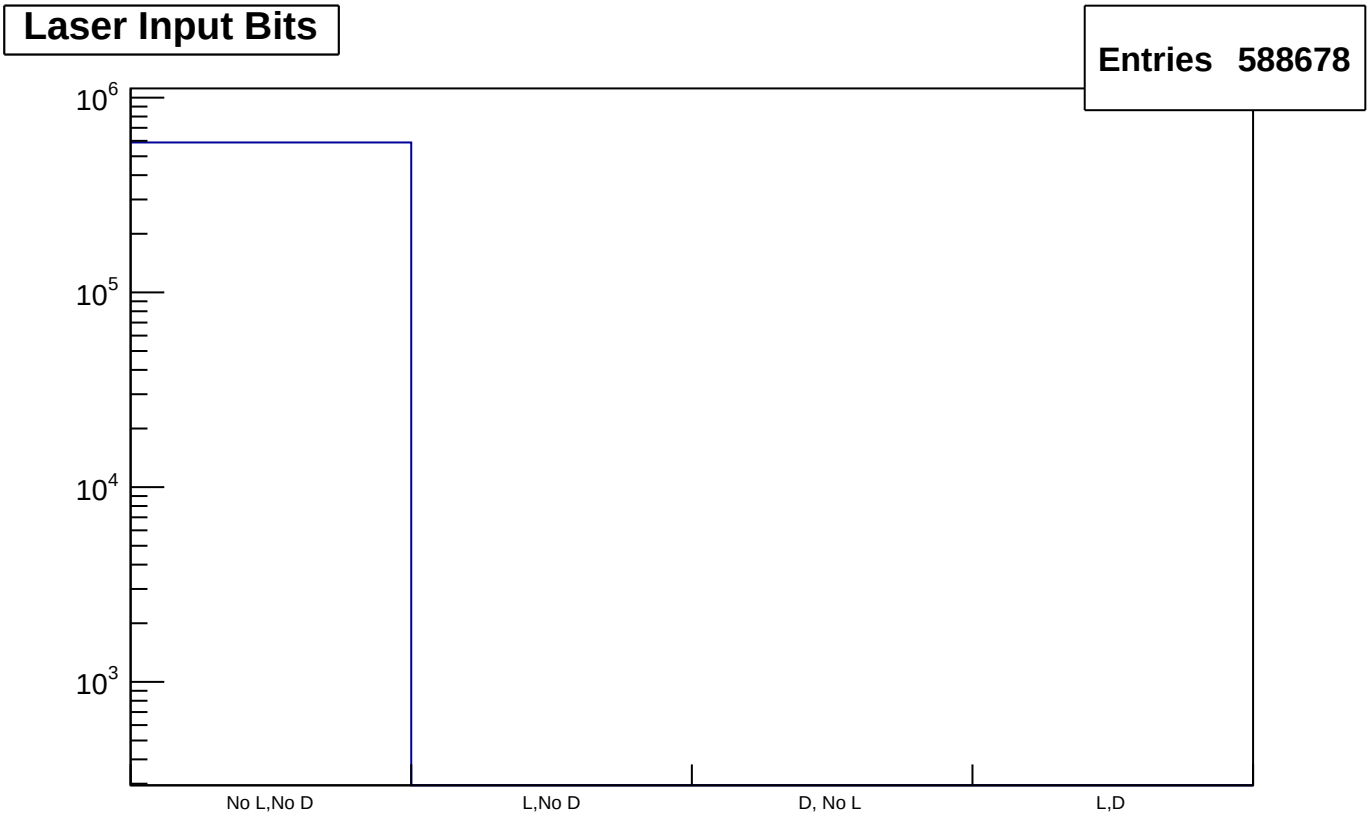

Entries 588678
TOF-Mult
VPD-West ADC Sum

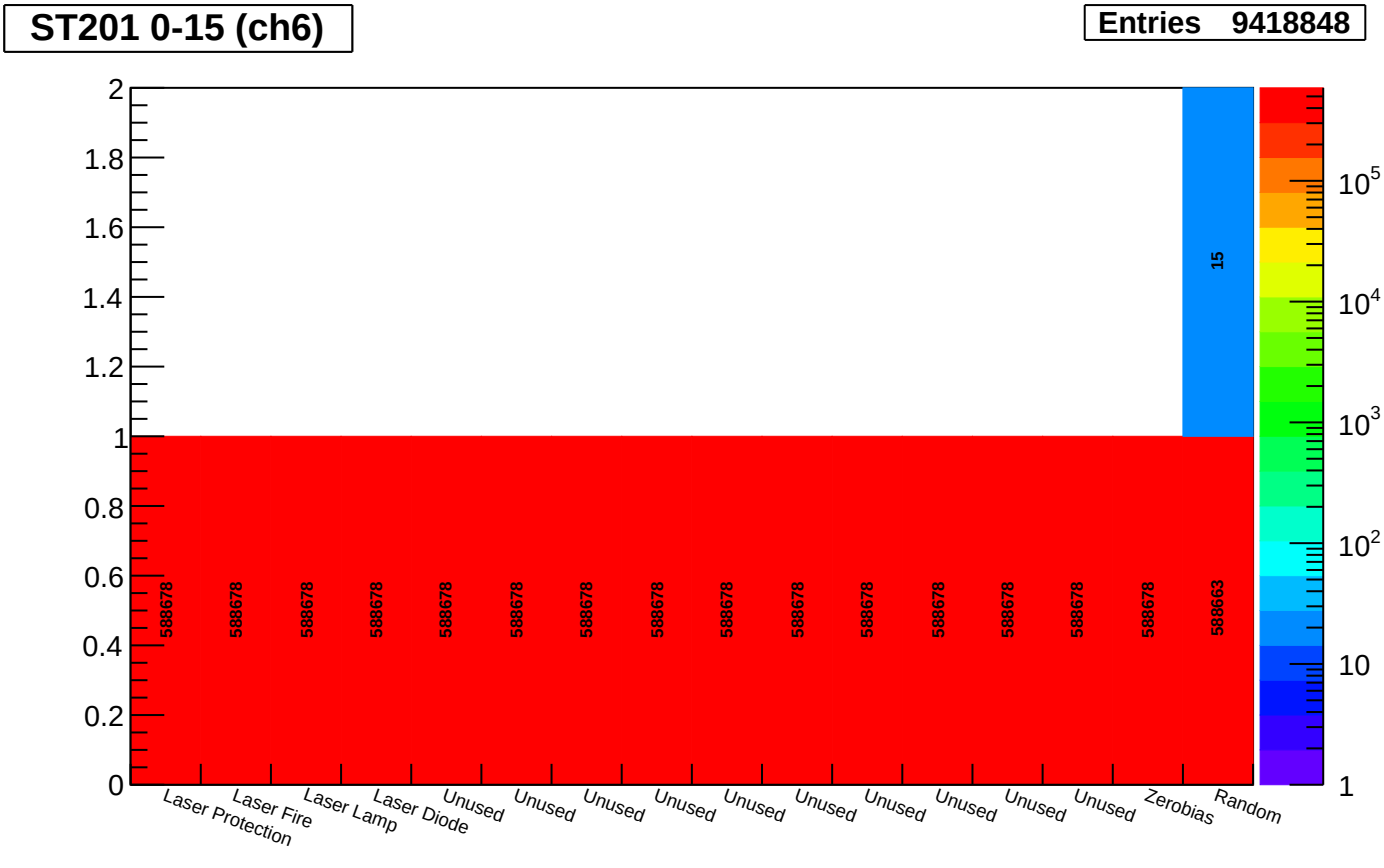

Entries 588678
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

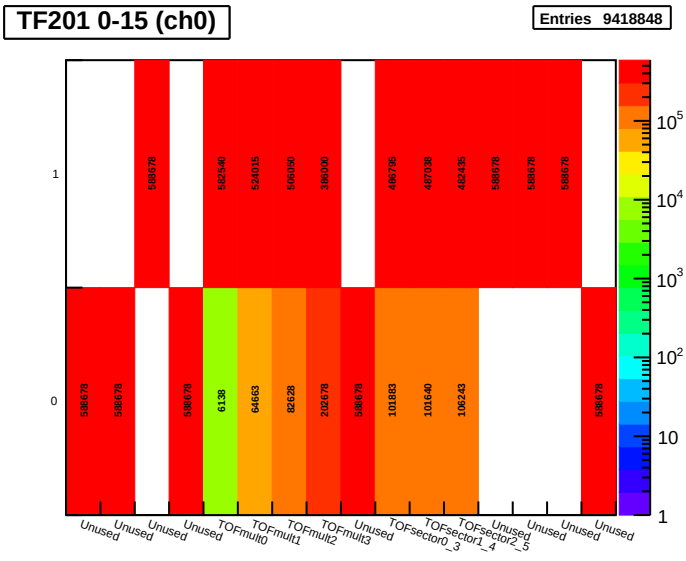

Entries 588678
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

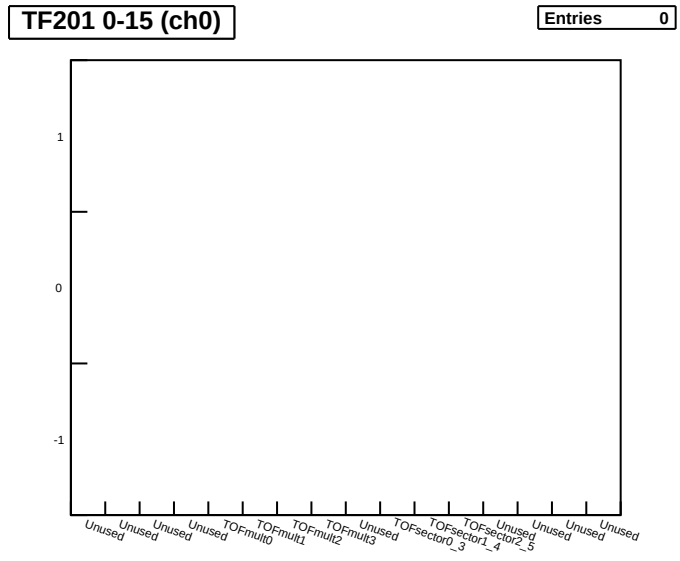

Entries 588678
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

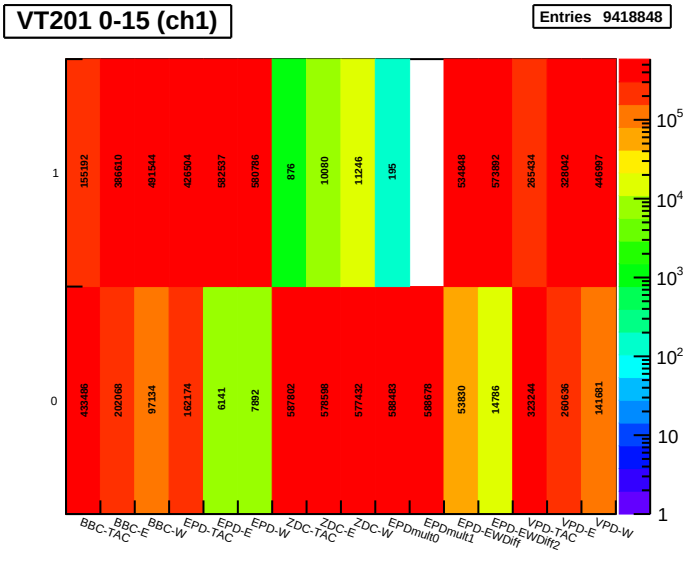

Entries 588678
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

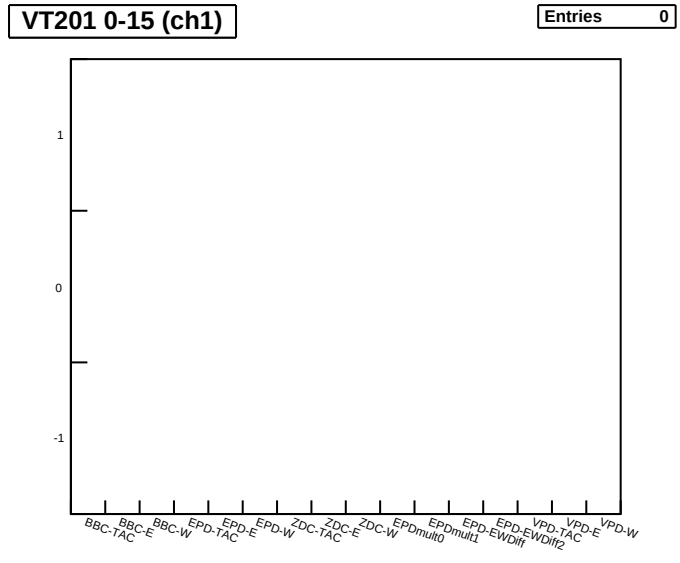

Laser Input Bits
Entries 588678
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

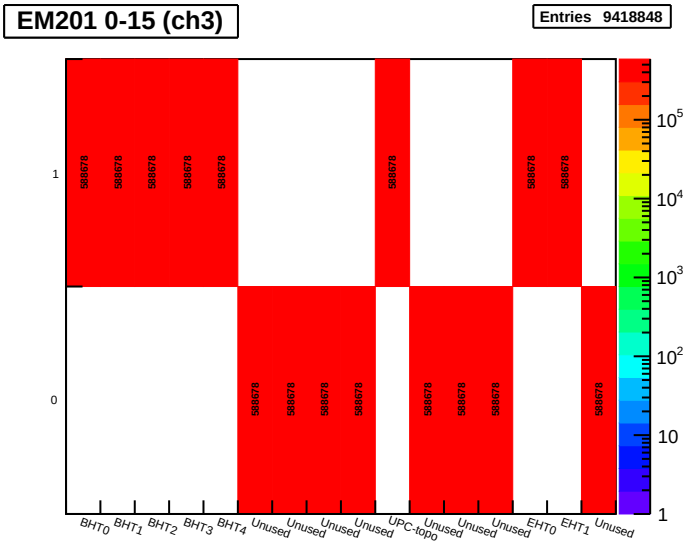

ST201 0-15 (ch6)
Entries 9418848
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
588678
588663
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

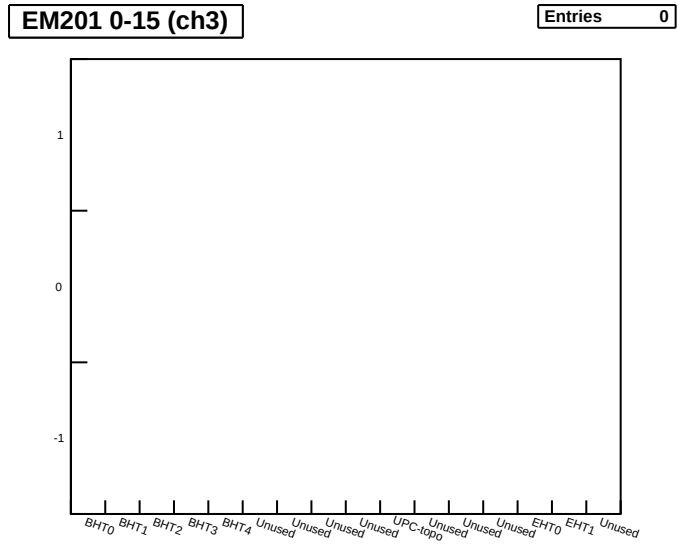

TF201 0-15 (ch0)
Entries 9418848
1
0
588678
588678
588678
588678
582540
524015
506050
386000
486795
497038
482435
588678
588678
588678
6138
64663
82628
202678
588678
101883
101640
106243
588678
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9418848
1
0
155192
386610
491544
426504
582537
580786
876
10090
11246
195
534848
573892
265434
328042
446997
433486
202068
97134
162174
6141
7892
567802
578598
577432
588483
588678
53830
14786
323244
260636
141681
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 9418848
1
0
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
588678
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