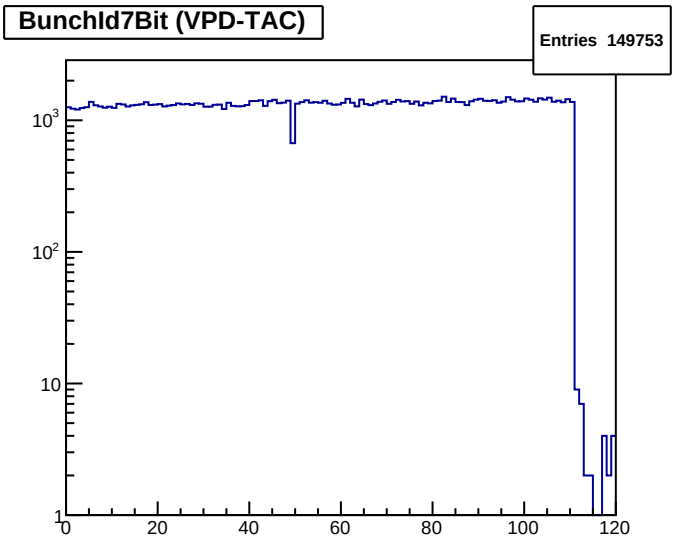
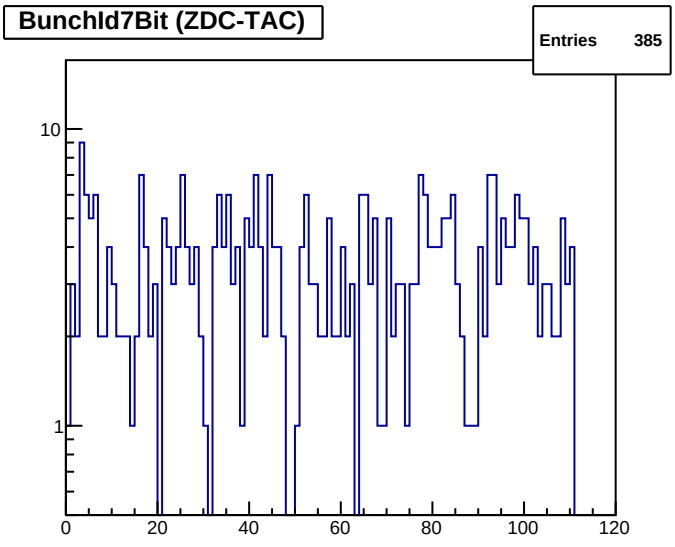
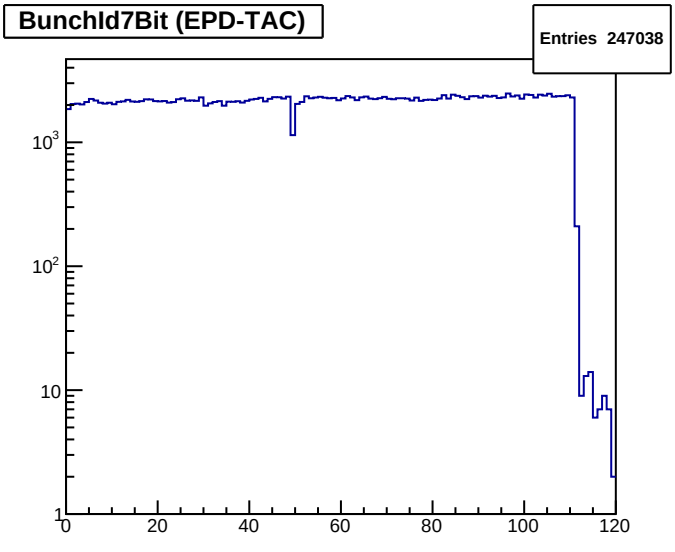
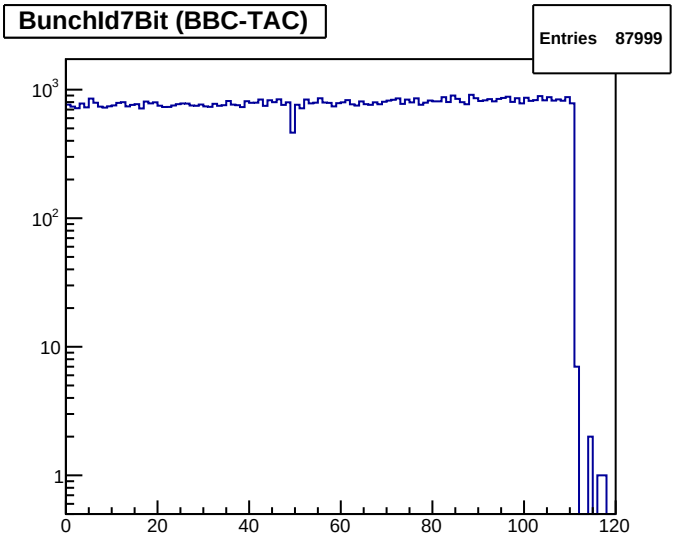
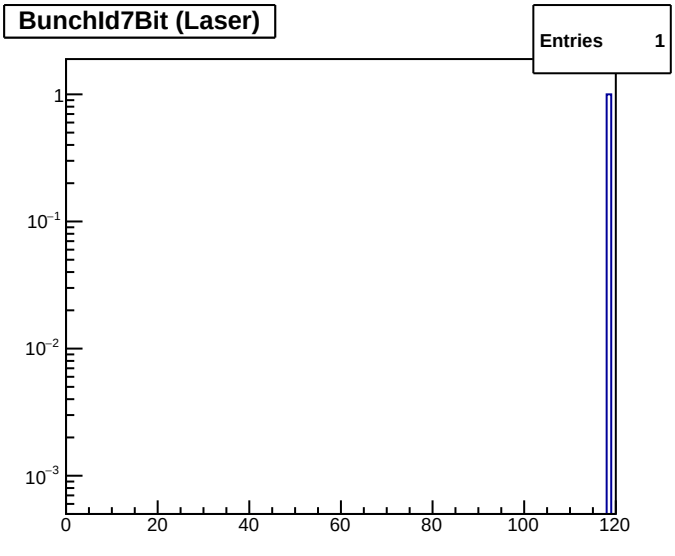
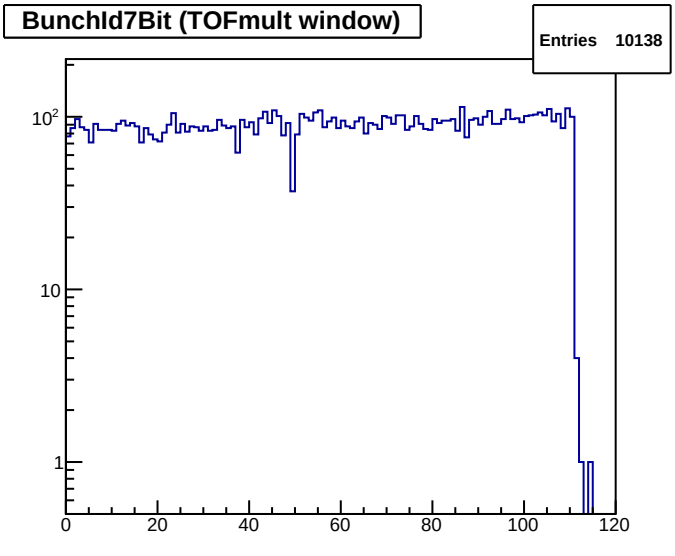

BunchId7Bit (VPD-TAC)
Entries 149753

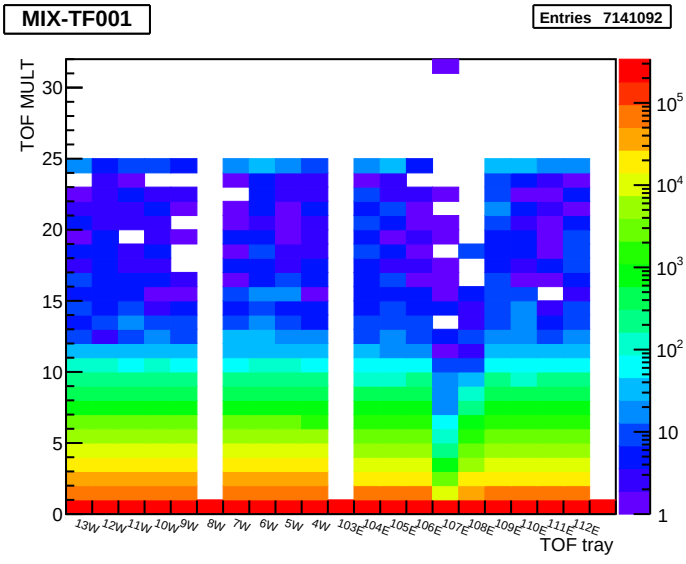

BunchId7Bit (ZDC-TAC)
Entries 385

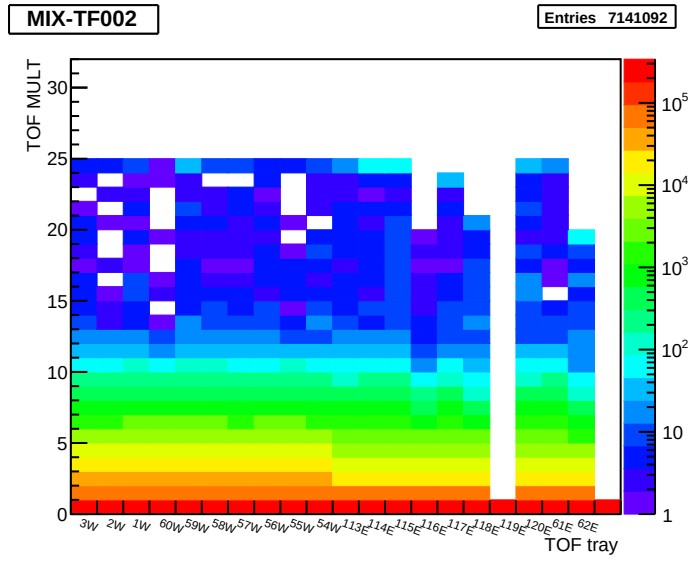

BunchId7Bit (EPD-TAC)
Entries 247038

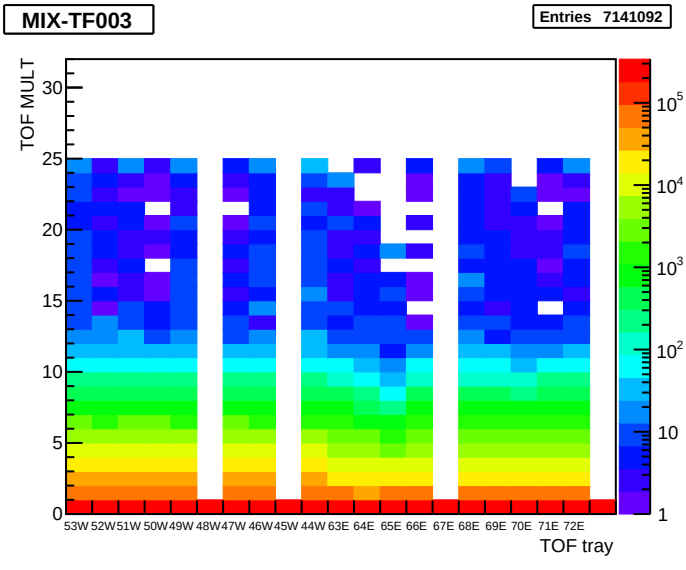

BunchId7Bit (BBC-TAC)
Entries 87999

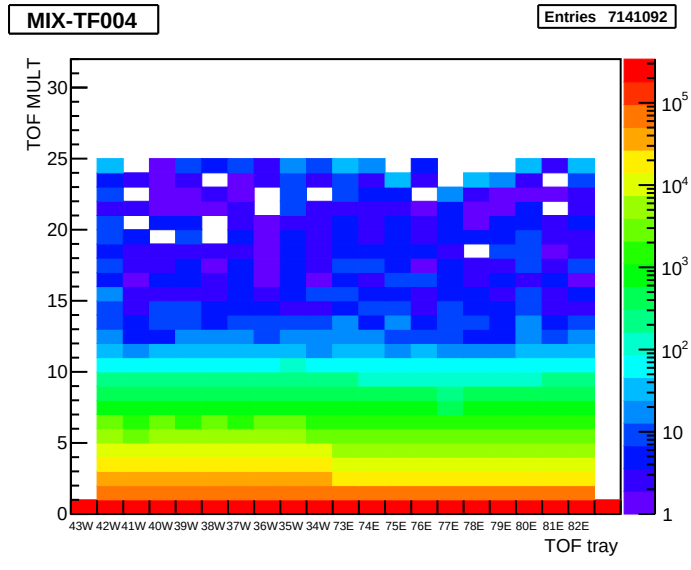

BunchId7Bit (Laser)
Entries 1

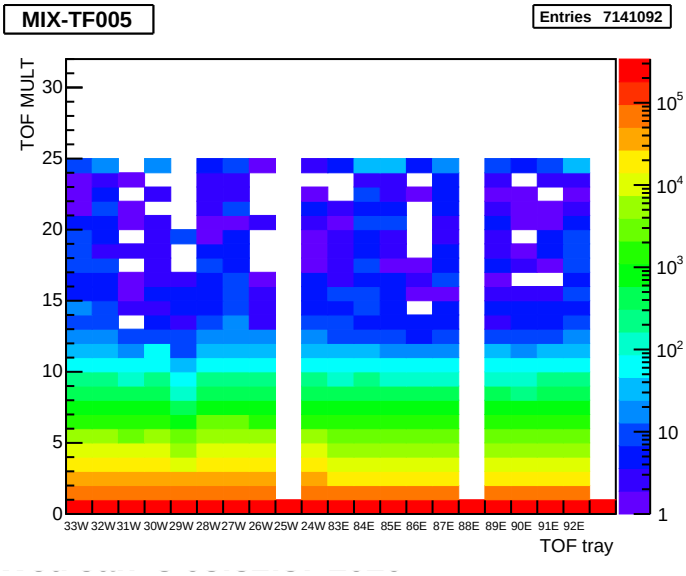

BunchId7Bit (TOFmult window)
Entries 10138

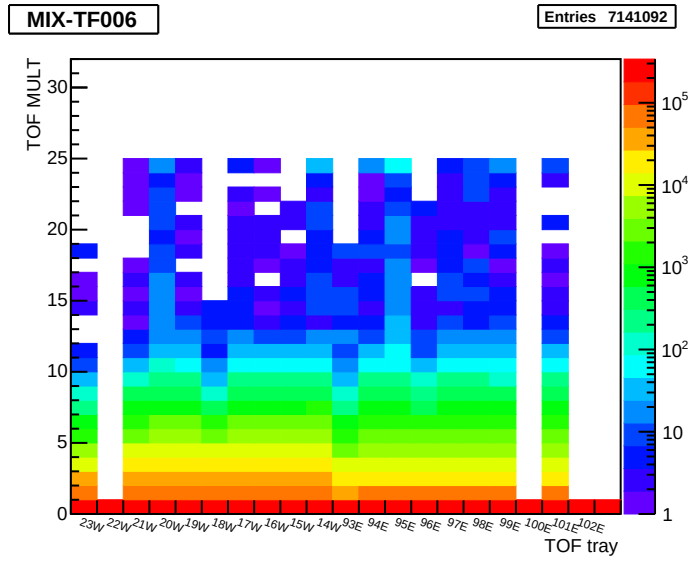

MIX-TF001
Entries 7141092
TOF MULT
TOF tray

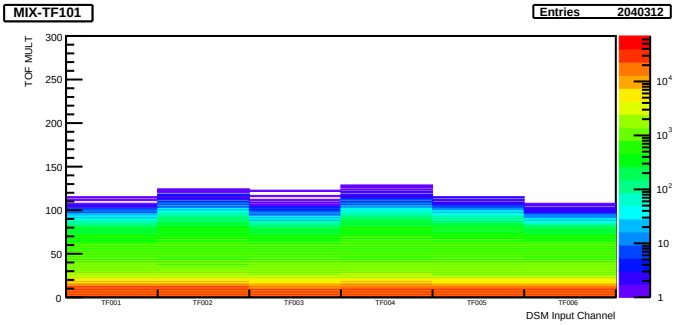

MIX-TF002
Entries 7141092
TOF MULT
TOF tray

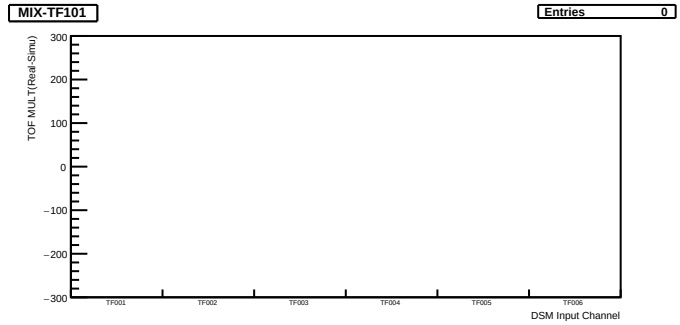

MIX-TF003
Entries 7141092
TOF MULT
TOF tray

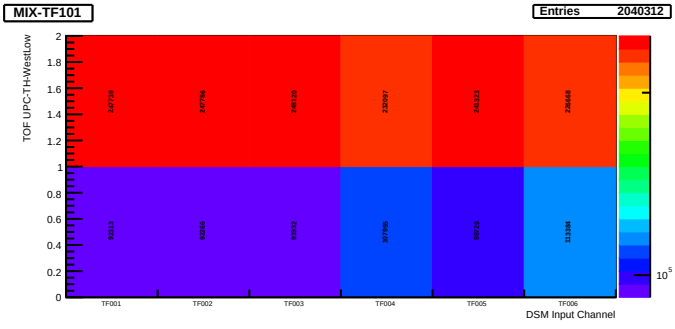

MIX-TF004
Entries 7141092
TOF MULT
TOF tray

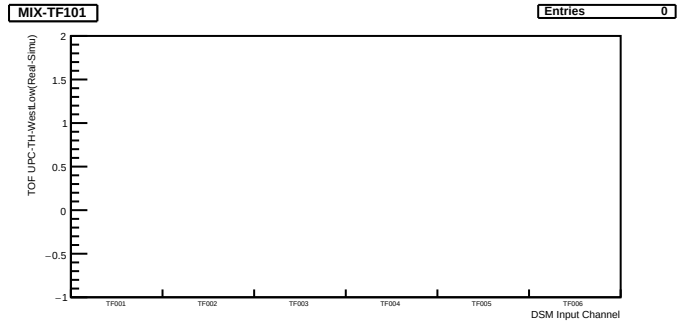

MIX-TF005
Entries 7141092
TOF MULT
TOF tray

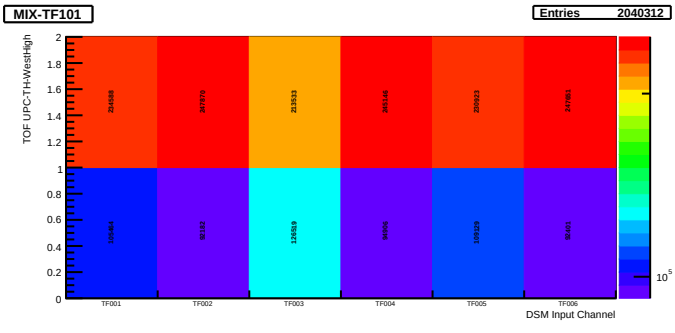

MIX-TF006
Entries 7141092
TOF MULT
TOF tray

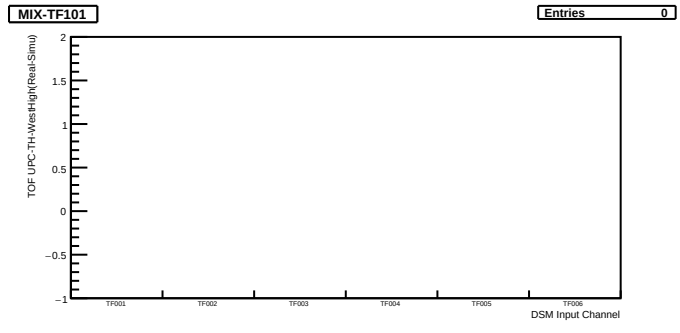

MIX-TF101
Entries 2040312
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

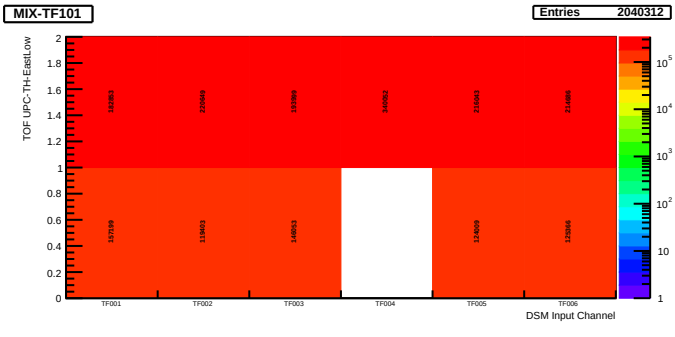

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

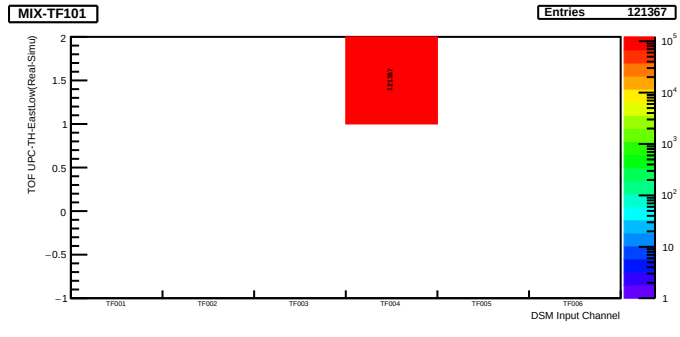

MIX-TF101
Entries 2040312
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

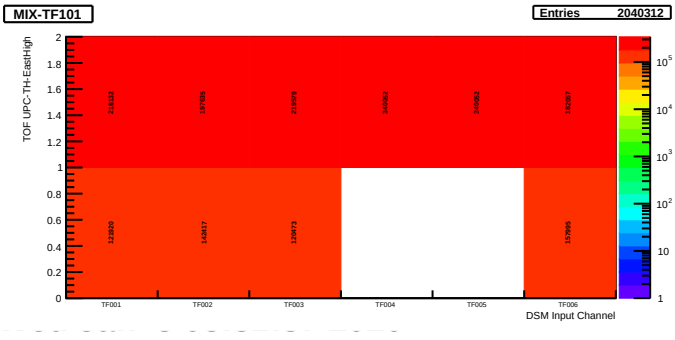

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

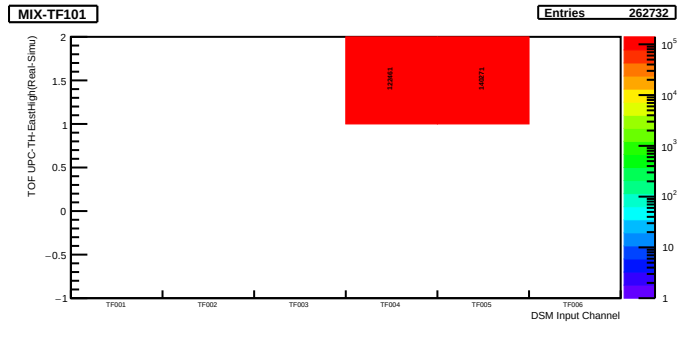

MIX-TF101
Entries 2040312
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

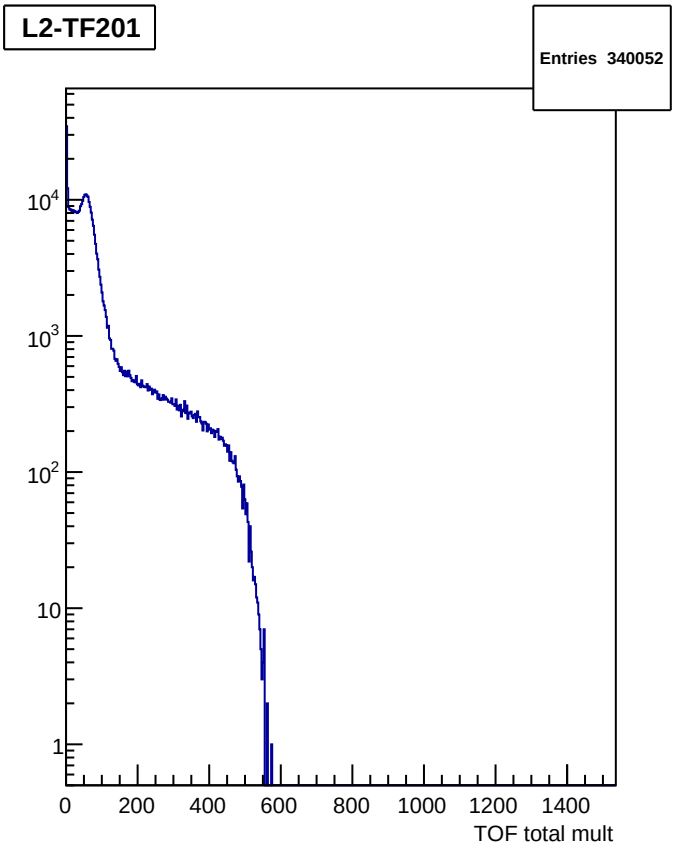

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

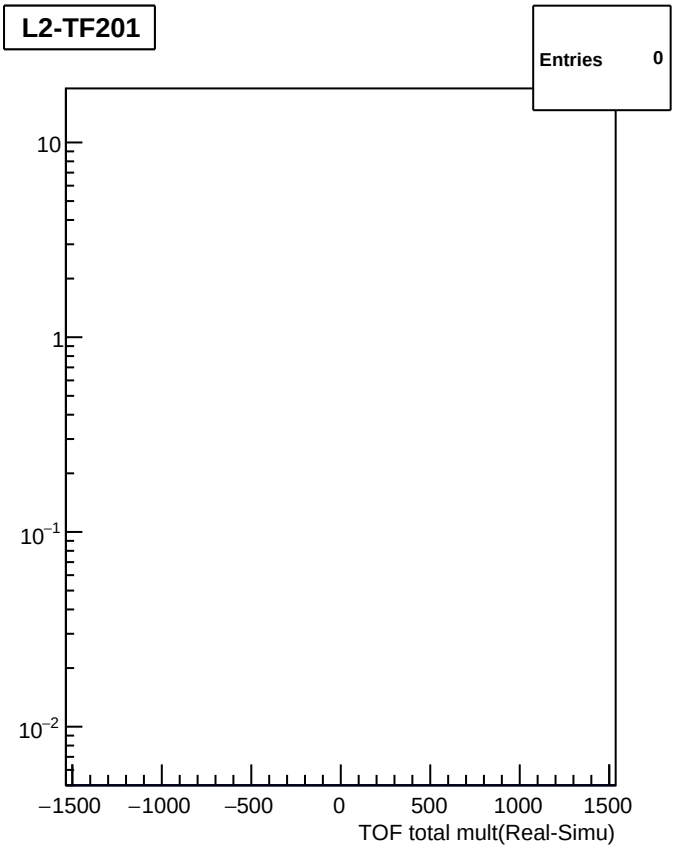

MIX-TF101
Entries 2040312
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

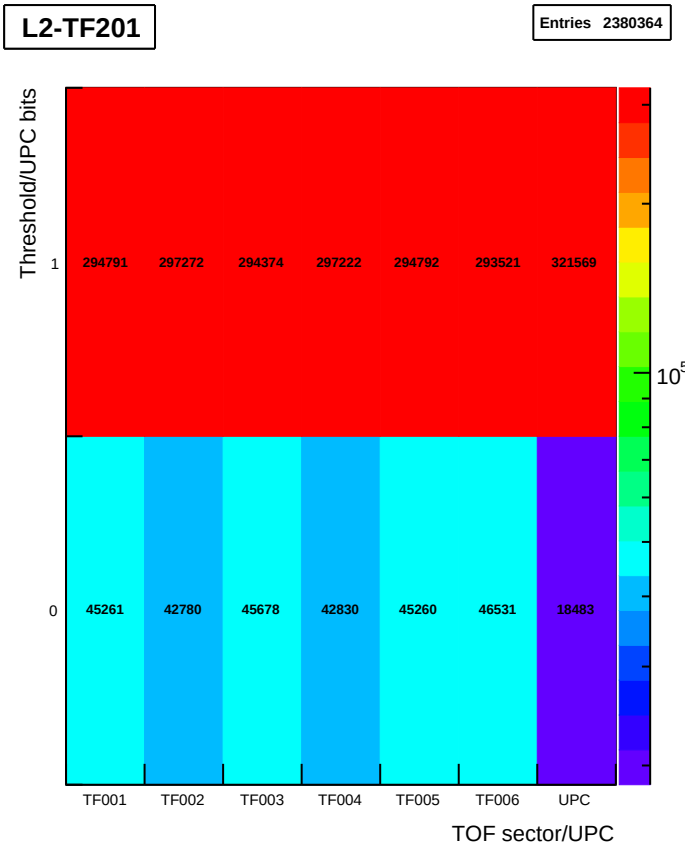

MIX-TF101
Entries 121367
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

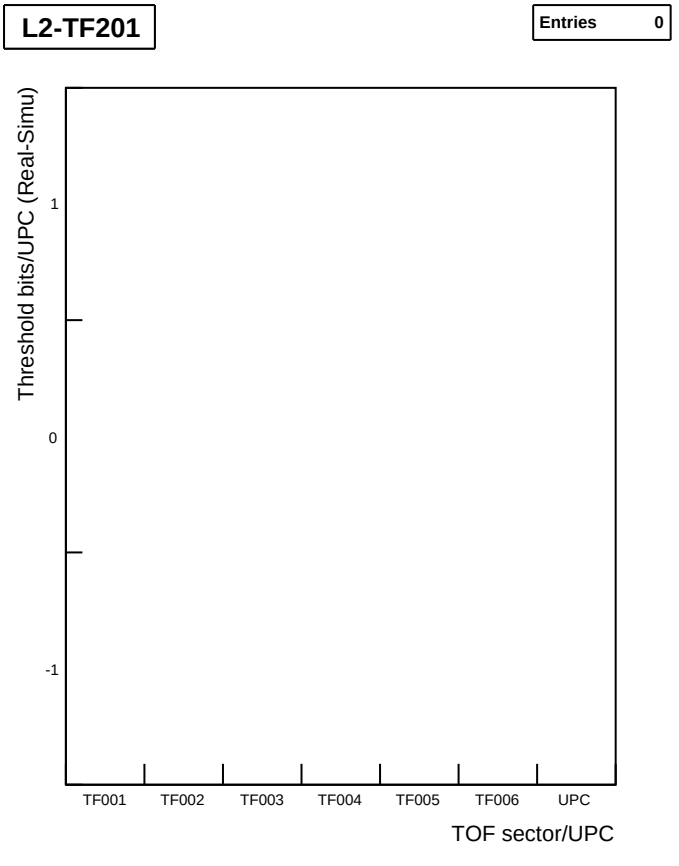

MIX-TF101
Entries 2040312
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

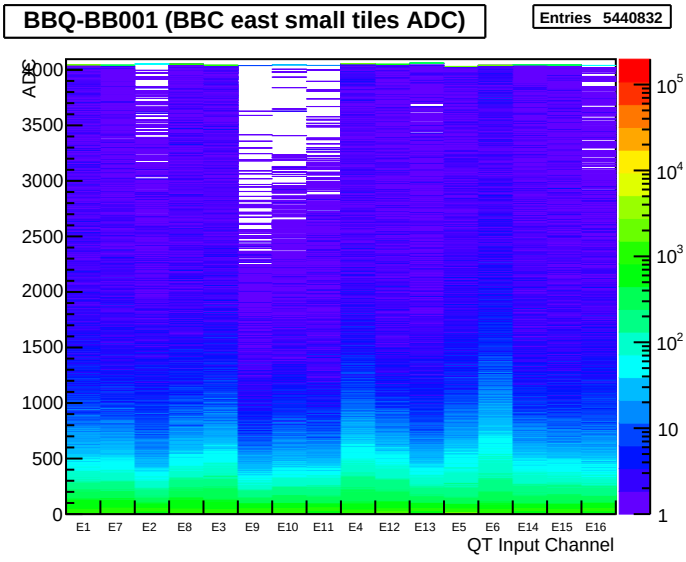

MIX-TF101
Entries 262732
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

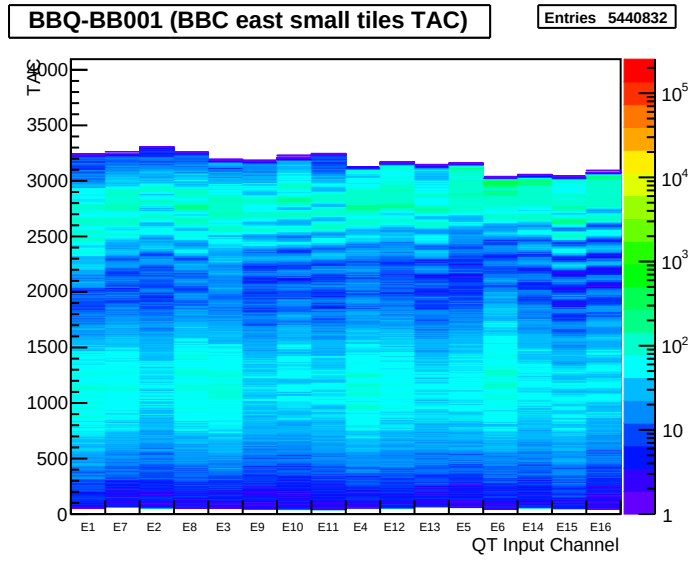

L2-TF201
Entries 340052
TOF total mult

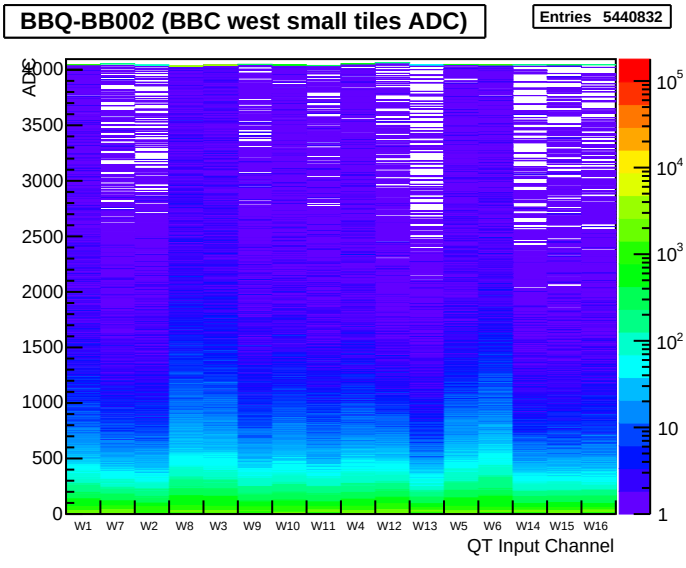

L2-TF201
Entries 0
TOF total mult(Real-Simu)

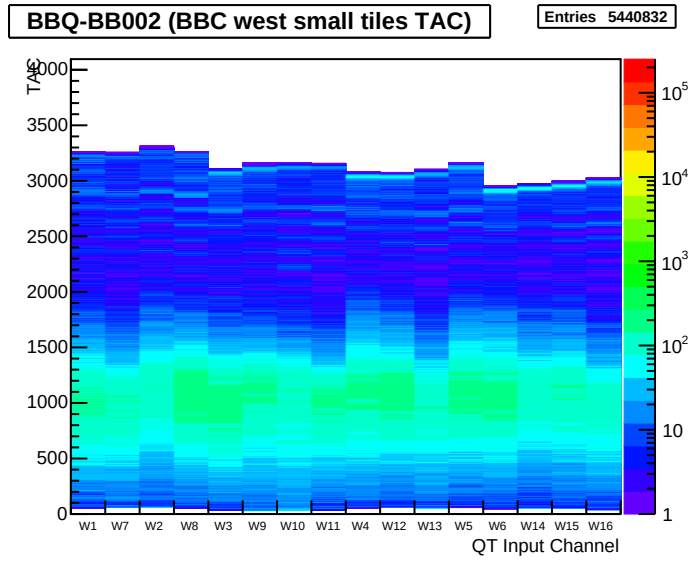

L2-TF201
Entries 2380364
Threshold/UPC bits
294791
297272
294374
297222
294792
293521
321569
45261
42780
45678
42830
45260
46531
18483
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

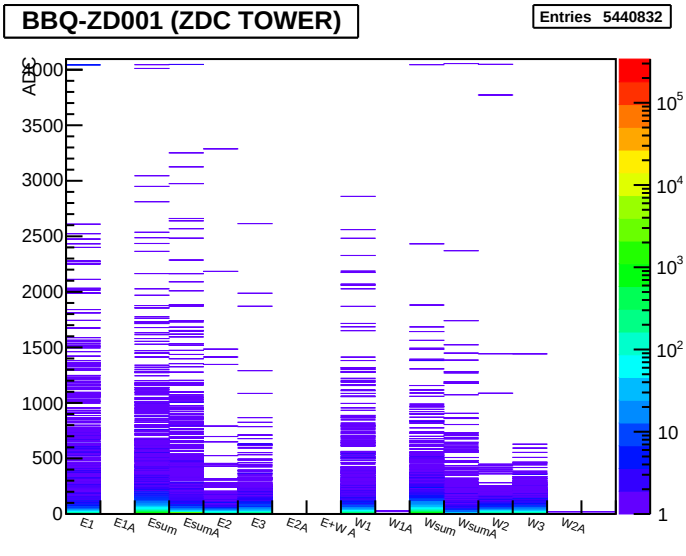

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

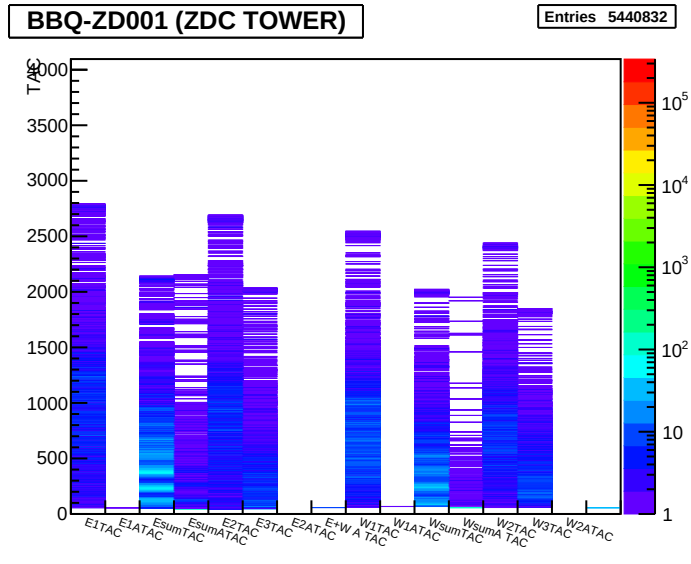

BBQ-BB001 (BBC east small tiles ADC)
Entries 5440832
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

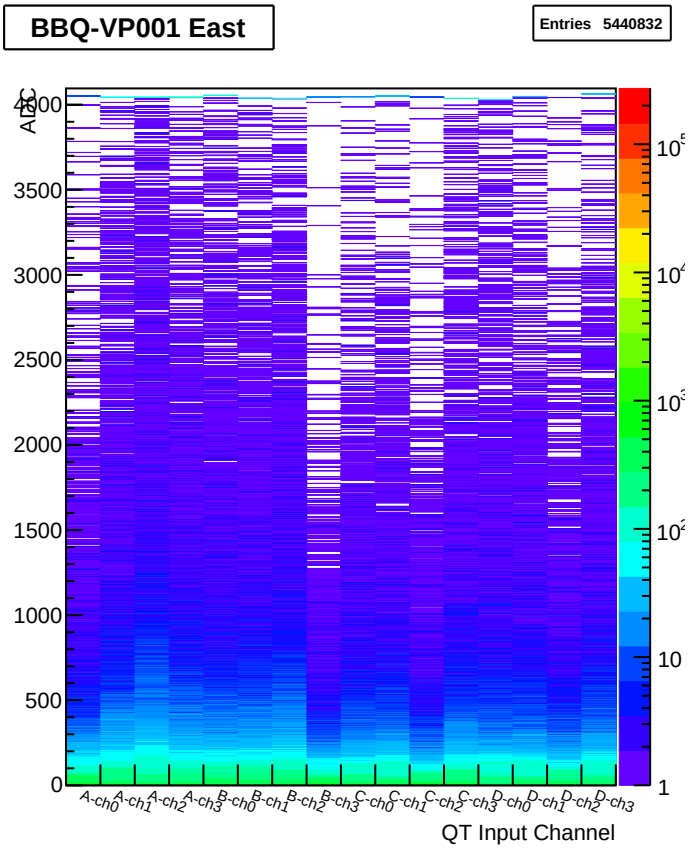

BBQ-BB001 (BBC east small tiles TAC)
Entries 5440832
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

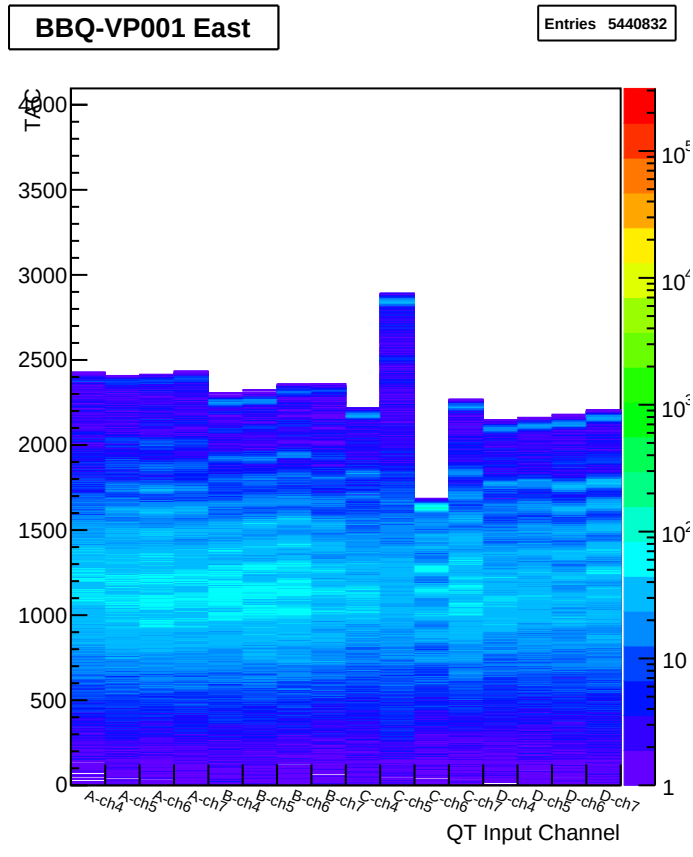

BBQ-BB002 (BBC west small tiles ADC)
Entries 5440832
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

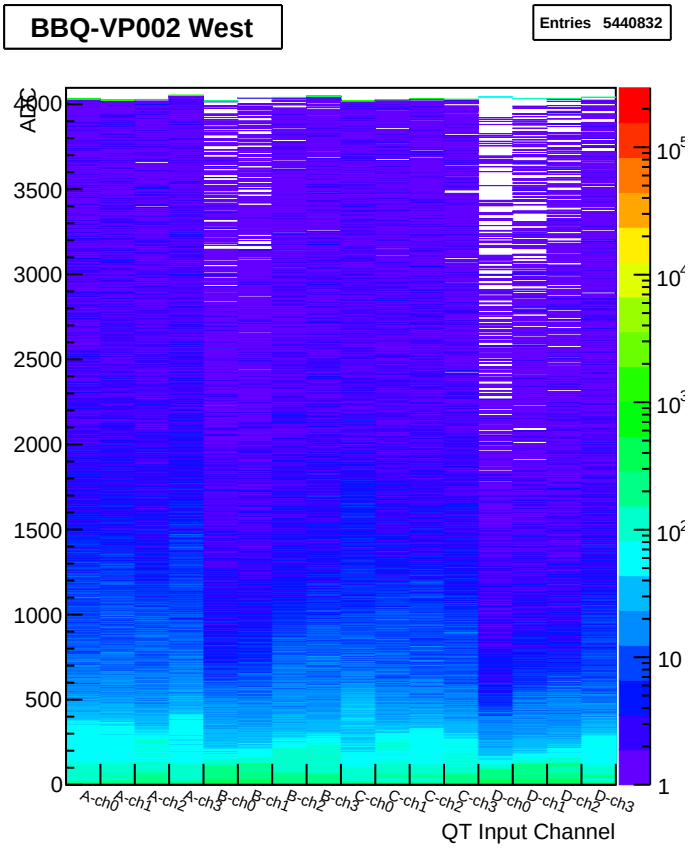

BBQ-BB002 (BBC west small tiles TAC)
Entries 5440832
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

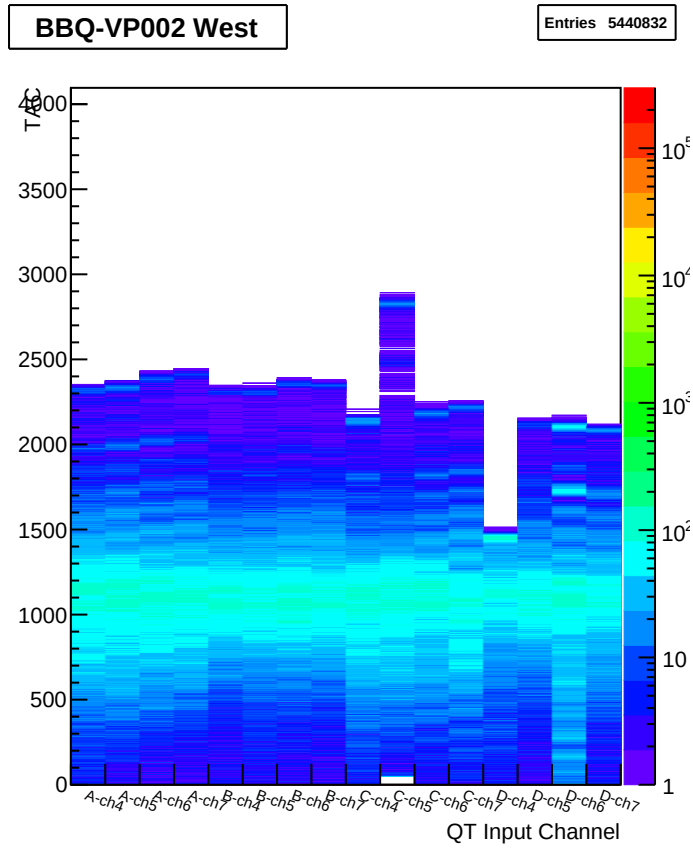

BBQ-ZD001 (ZDC TOWER)
Entries 5440832
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

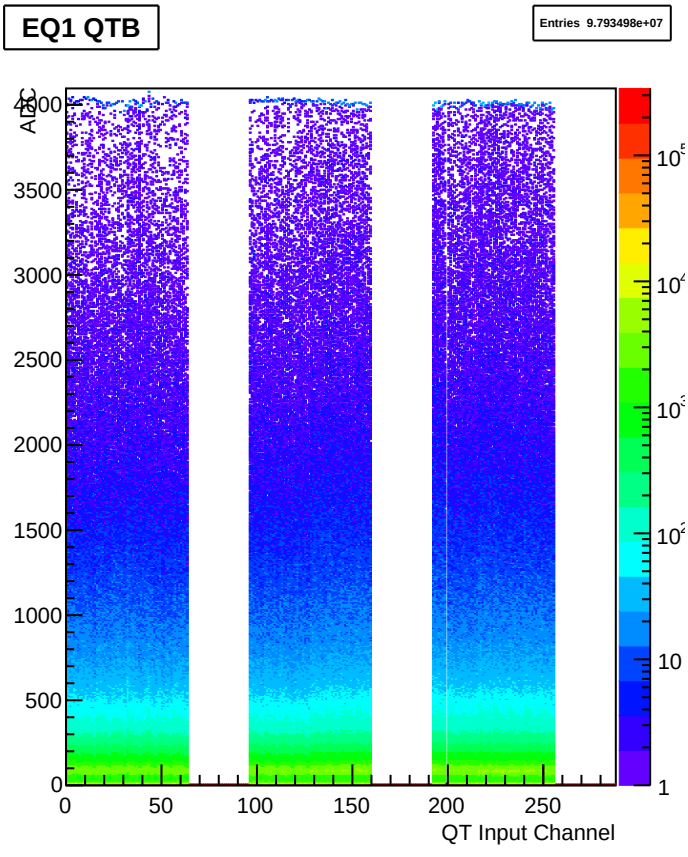

BBQ-ZD001 (ZDC TOWER)
Entries 5440832
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

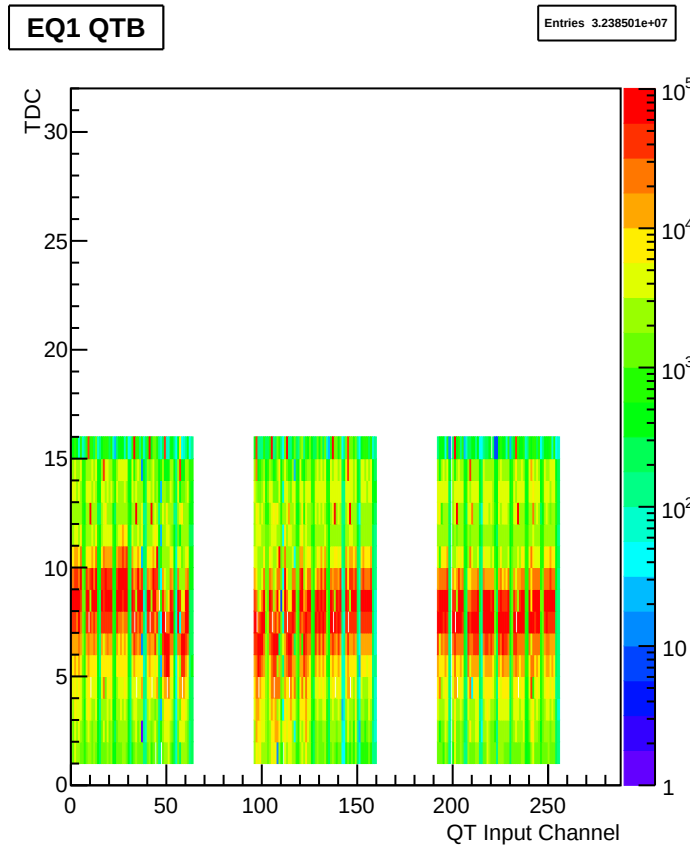

BBQ-VP001 East
Entries 5440832
ADC
QT Input Channel

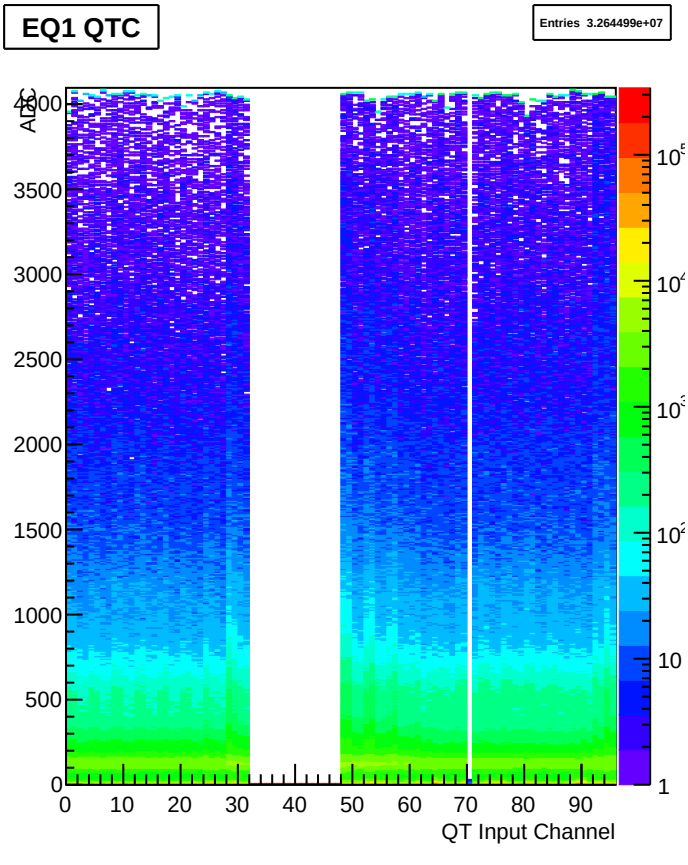

BBQ-VP001 East
Entries 5440832
TADC
QT Input Channel

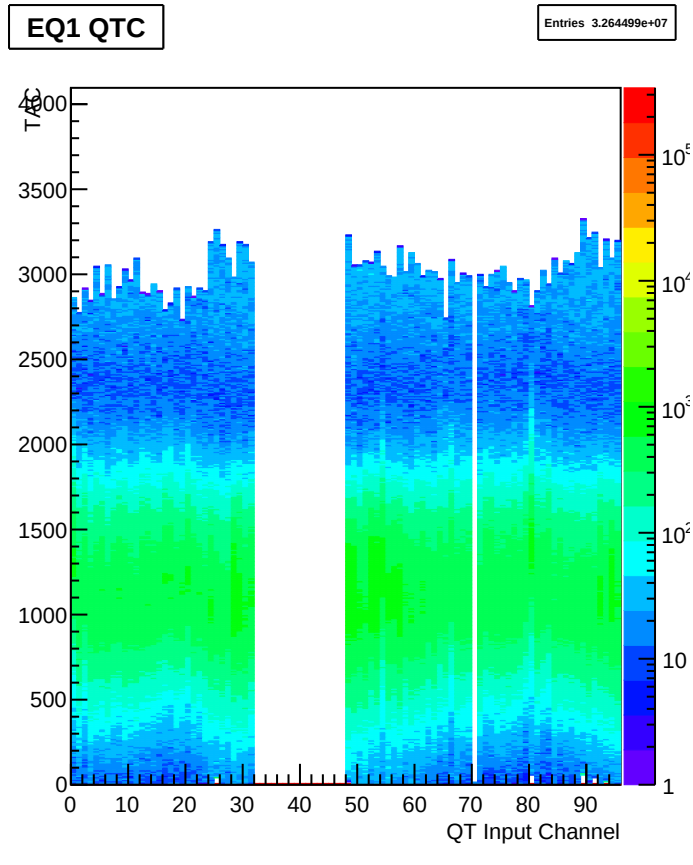

BBQ-VP002 West
Entries 5440832
ADC
QT Input Channel

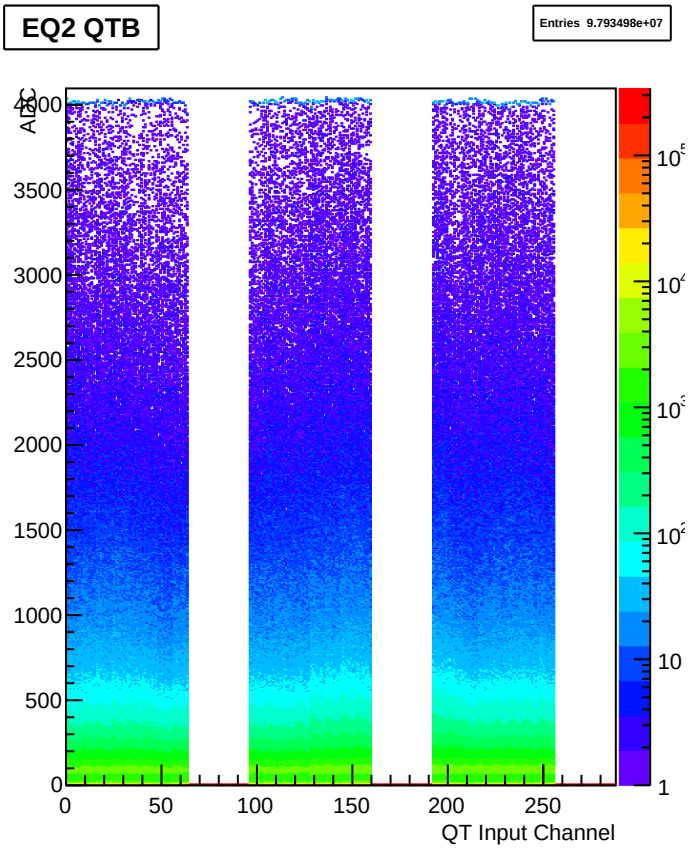

BBQ-VP002 West
Entries 5440832
TADC
QT Input Channel

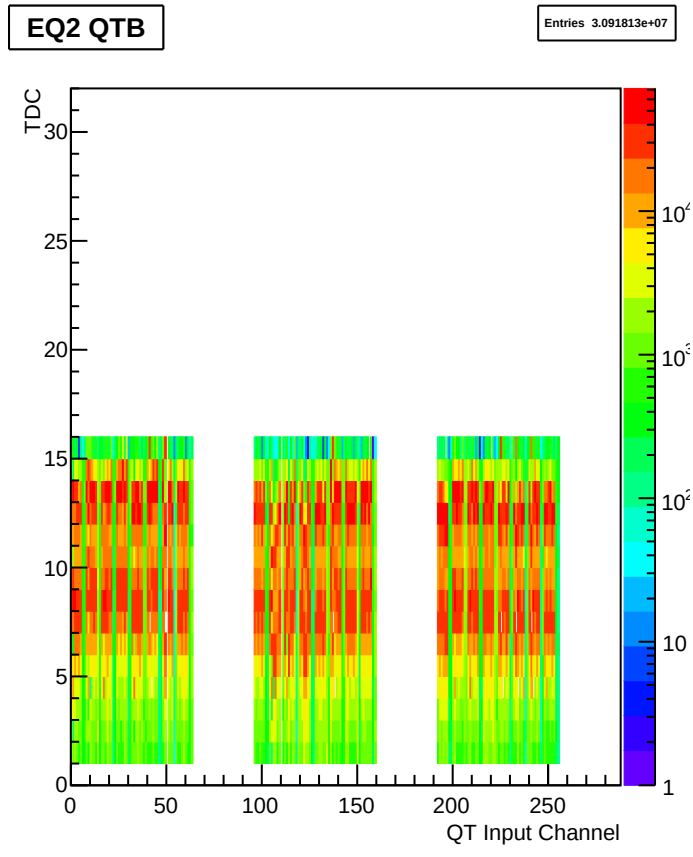

EQ1 QTB
Entries 9.793498e+07
ADC
QT Input Channel

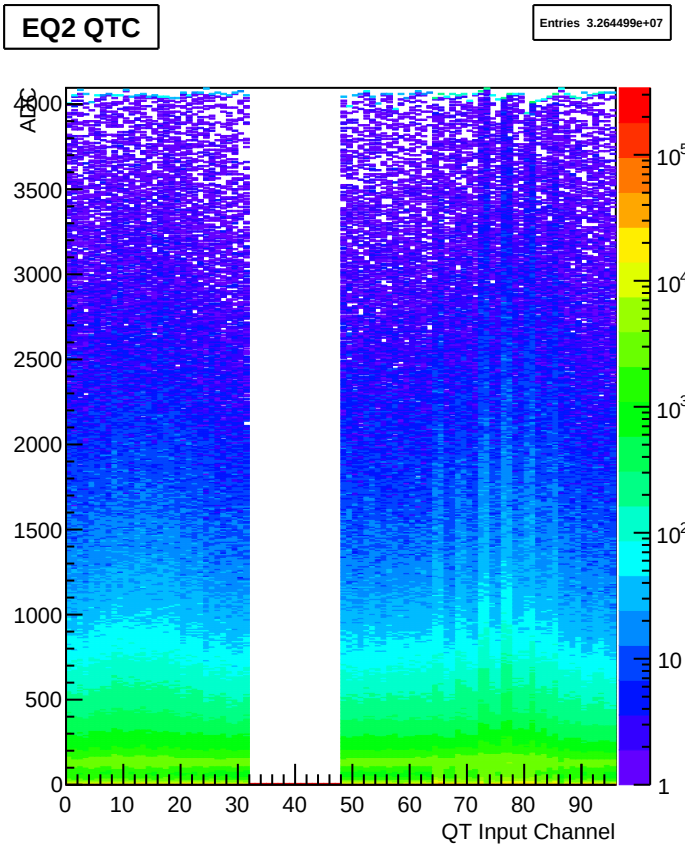

EQ1 QTB
Entries 3.238501e+07
TDC
QT Input Channel

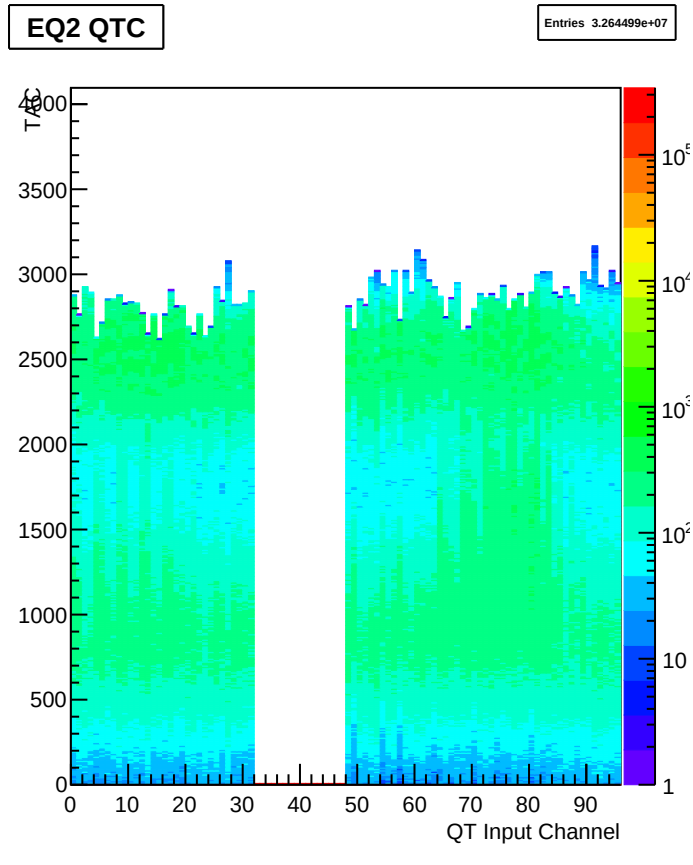

EQ1 QTC
Entries 3.264499e+07
ADC
QT Input Channel

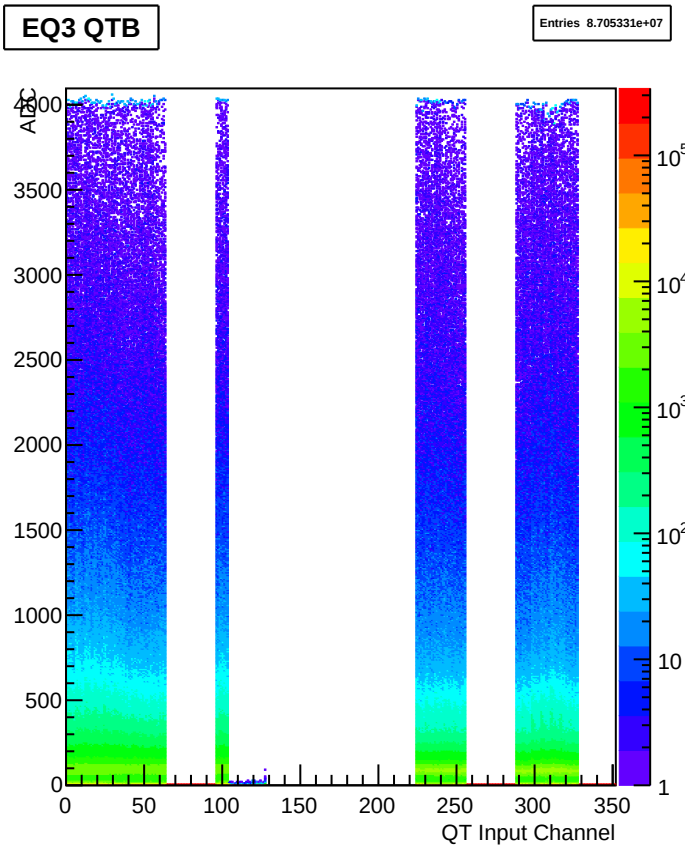

EQ1 QTC
Entries 3.264499e+07
TADC
QT Input Channel

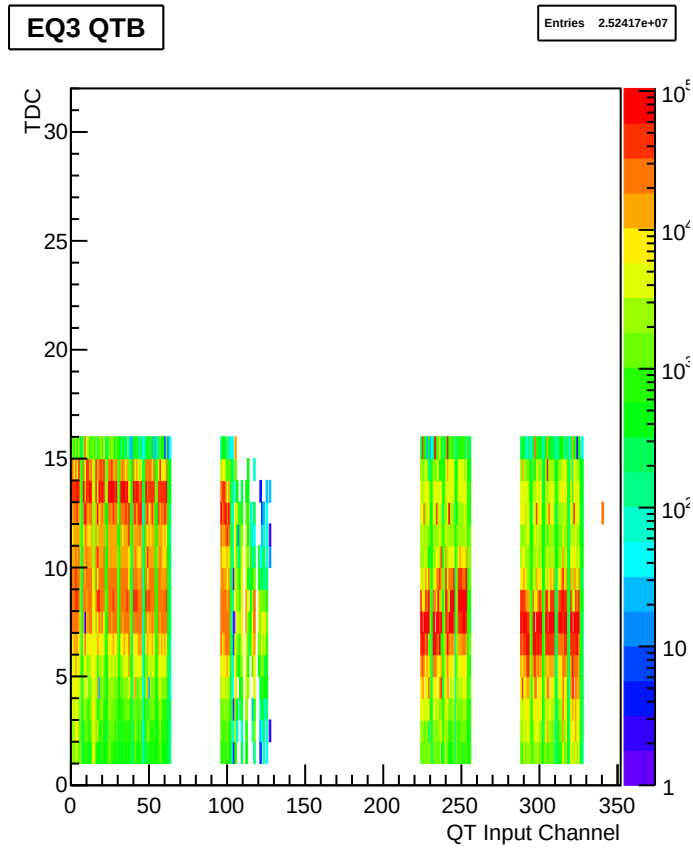

EQ2 QTB
Entries 9.793498e+07
ADC
QT Input Channel

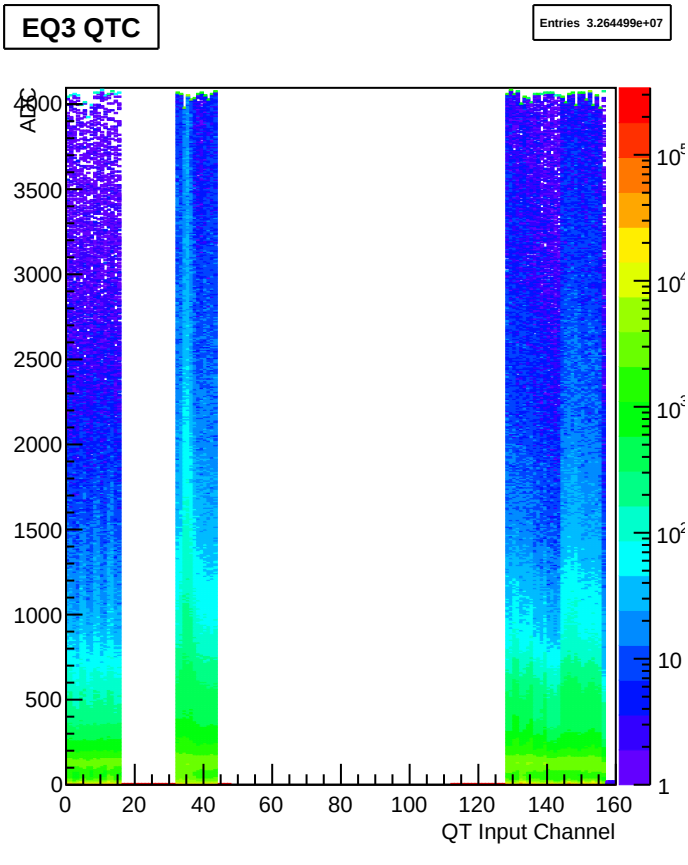

EQ2 QTB
Entries 3.091813e+07
TDC
QT Input Channel

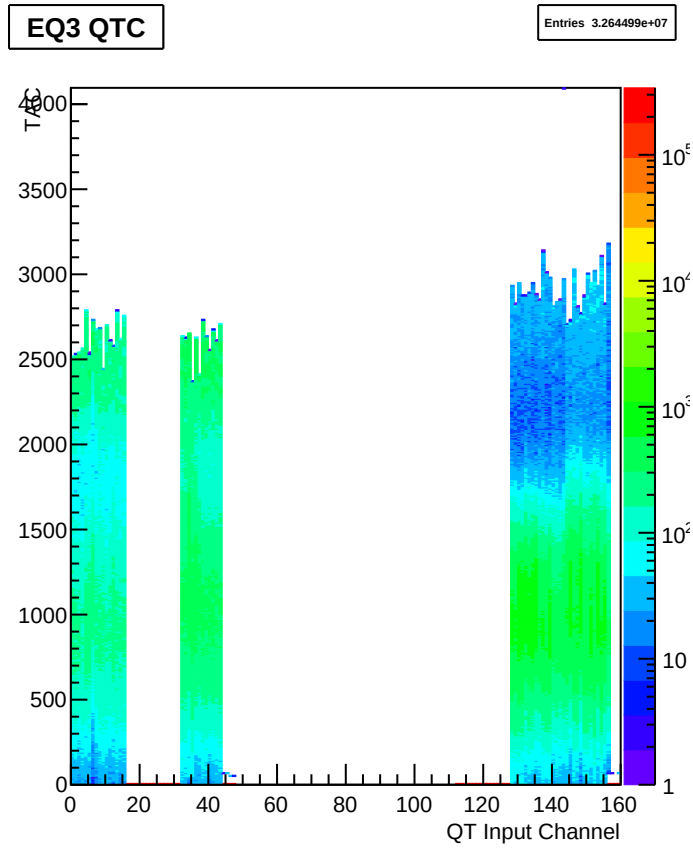

EQ2 QTC
Entries 3.264499e+07
ADC
QT Input Channel

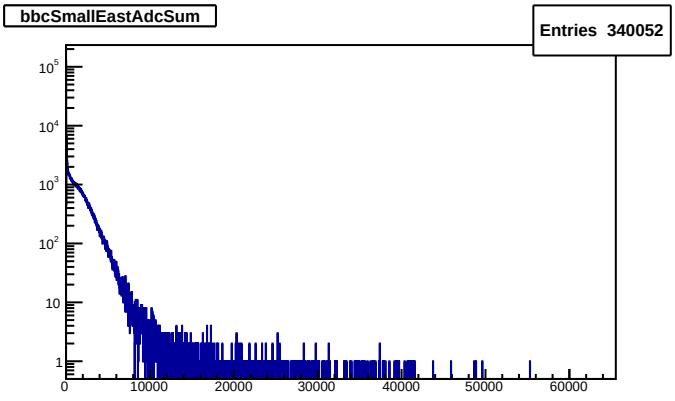

EQ2 QTC
Entries 3.264499e+07
TADC
QT Input Channel

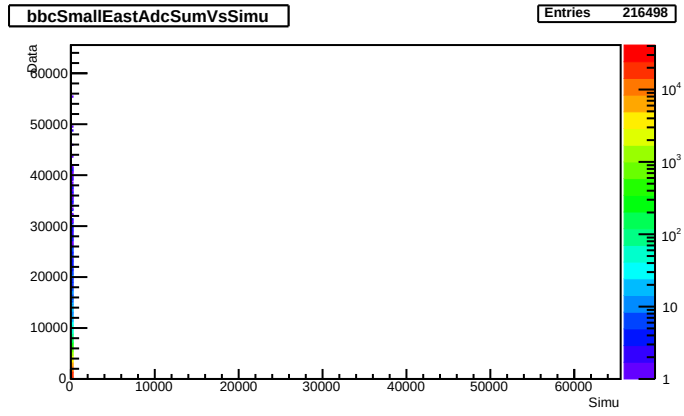

EQ3 QTB
Entries 8.705331e+07
ADC
QT Input Channel

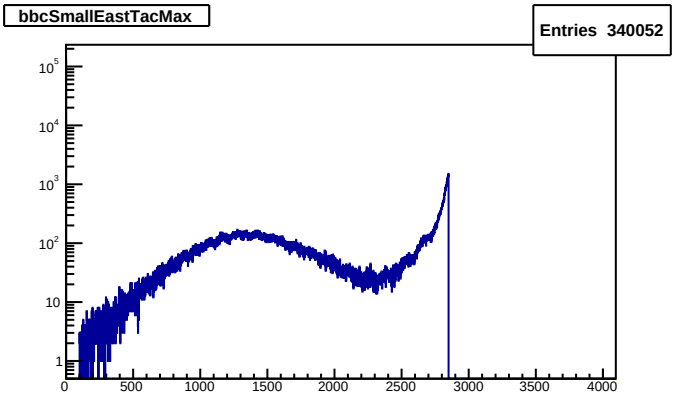

EQ3 QTB
Entries 2.52417e+07
TDC
QT Input Channel

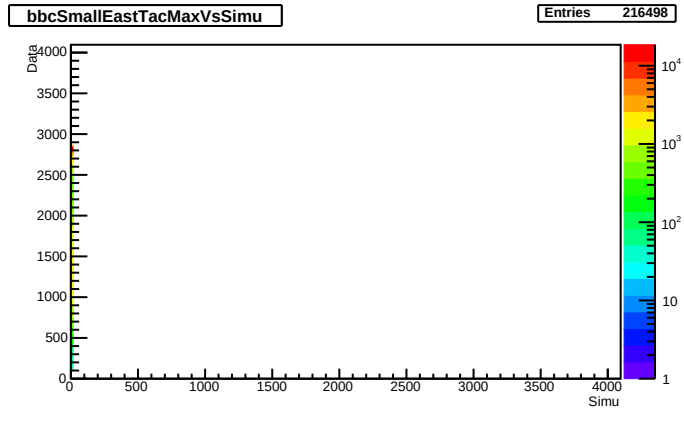

EQ3 QTC
Entries 3.264499e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.264499e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 340052


bbcSmallEastAdcSumVsSimu
Entries 216498
Data
Simu


bbcSmallEastTacMax
Entries 340052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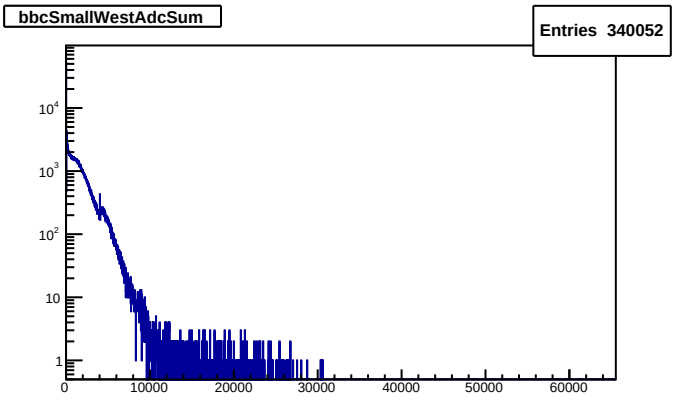
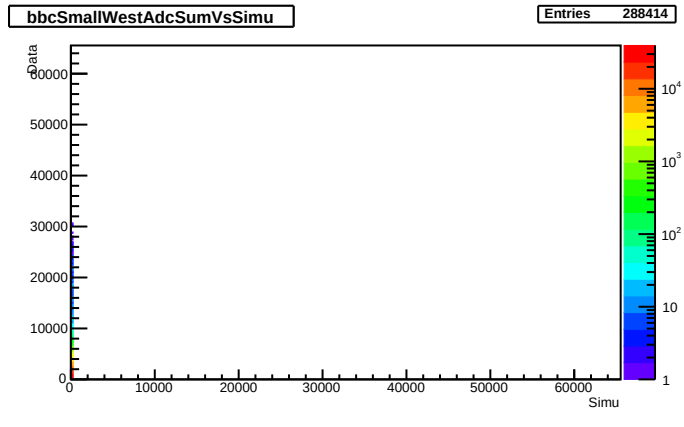
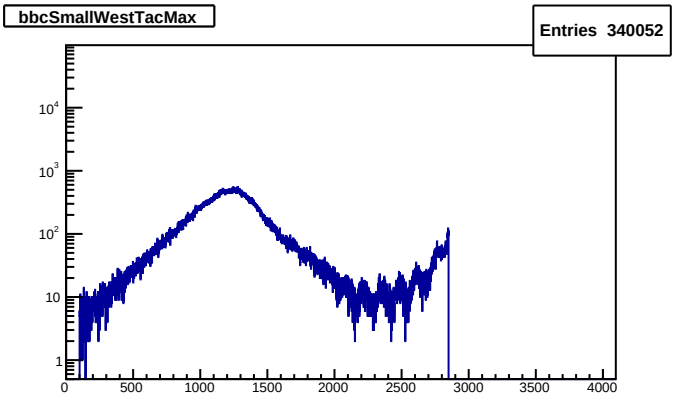
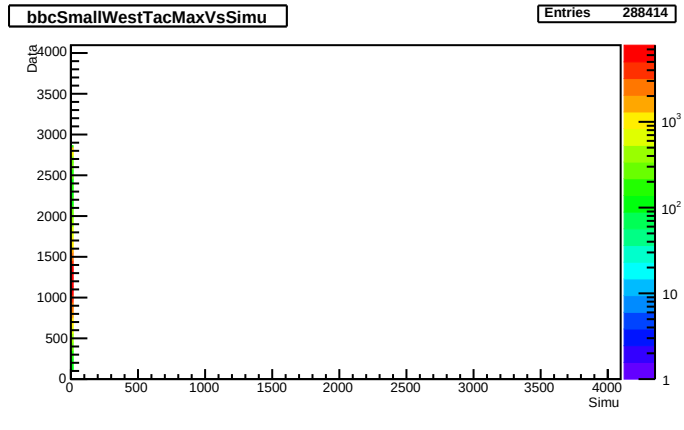
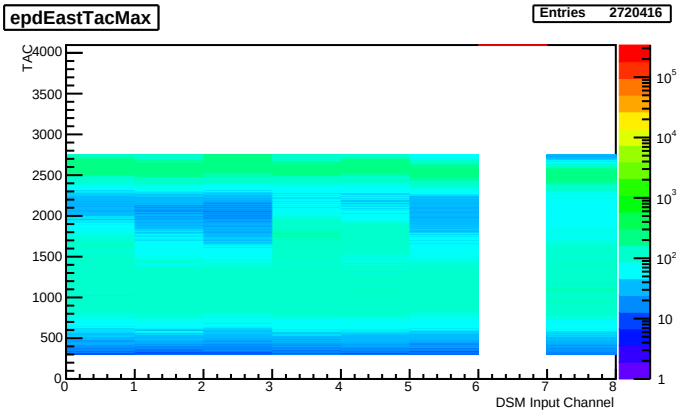
Entries 216498
Data
Simu

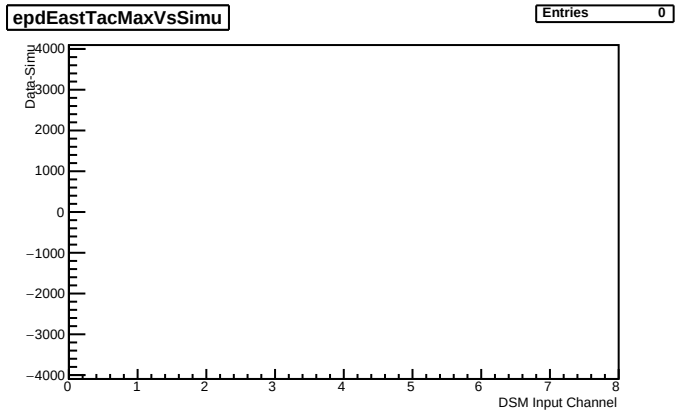

bbcSmallWestAdcSum
Entries 340052

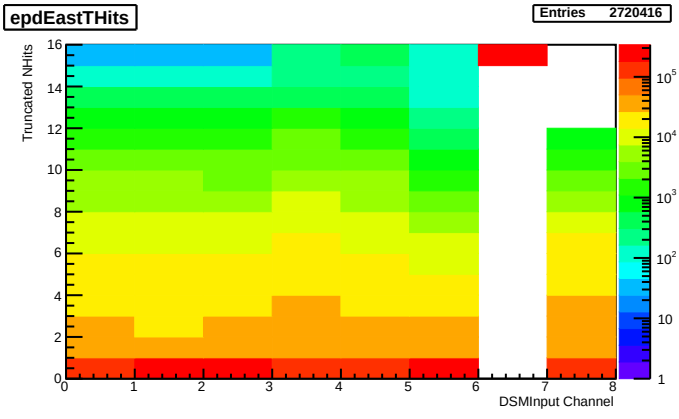

bbcSmallWestAdcSumVsSimu
Entries 288414
Data
Simu

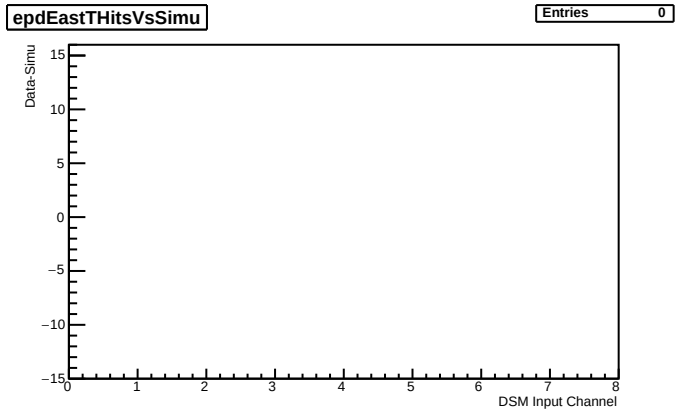

bbcSmallWestTacMax
Entries 340052


bbcSmallWestTacMaxVsSimu
Entries 288414
Data
Simu


epdEastTacMax
Entries 2720416
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2720416
Truncated NHits
DSMInput Channel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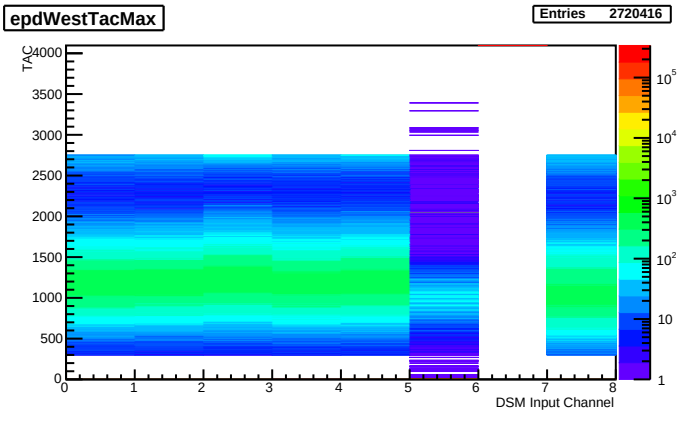
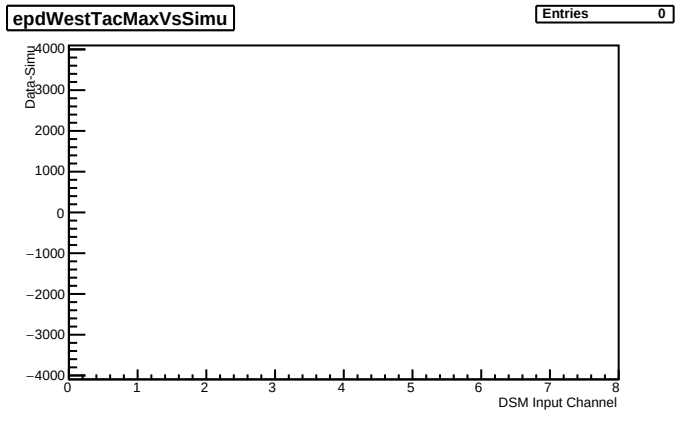
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2720416
TAC
DSM Input Channel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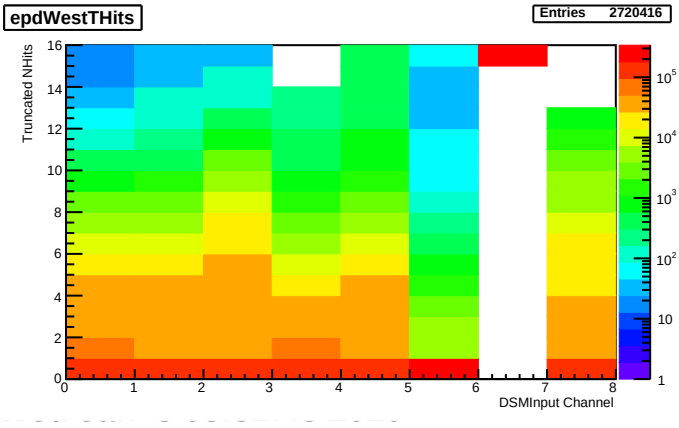
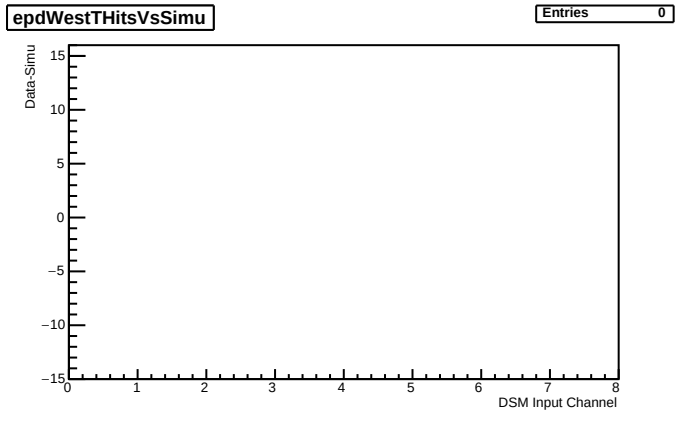
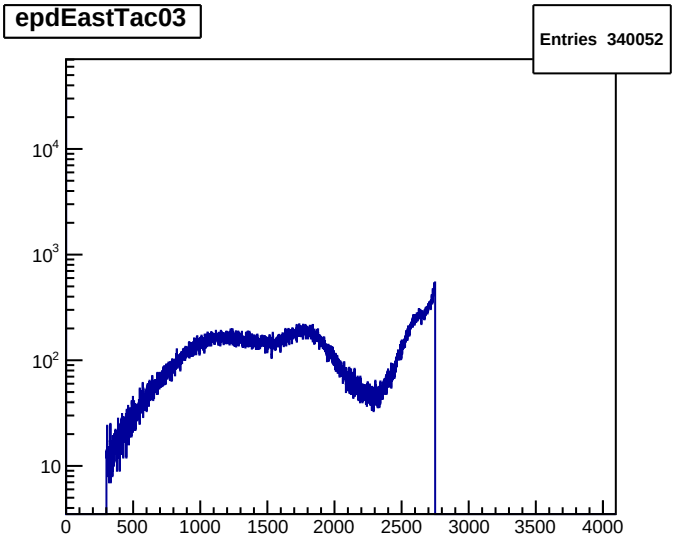
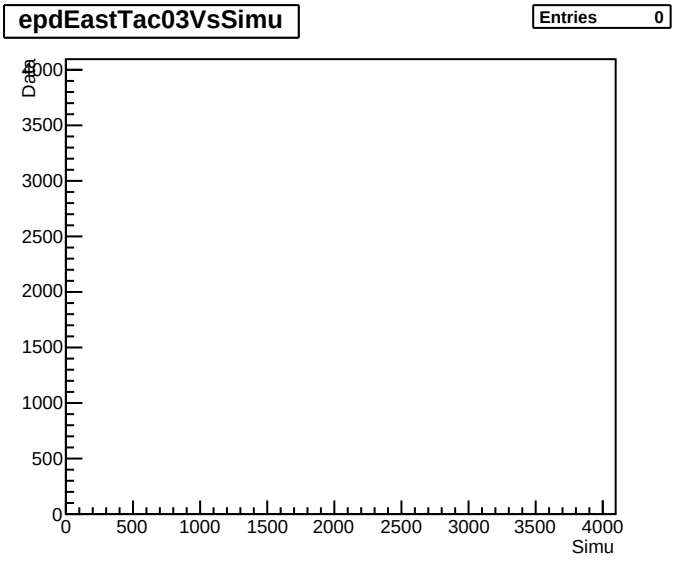
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2720416
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 340052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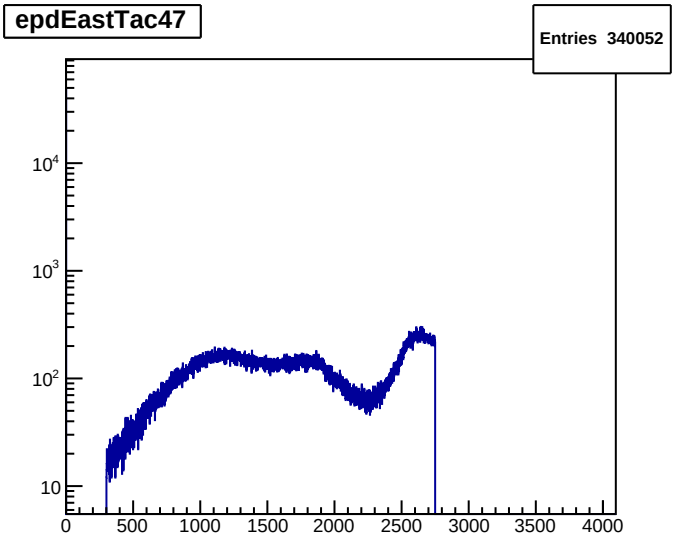
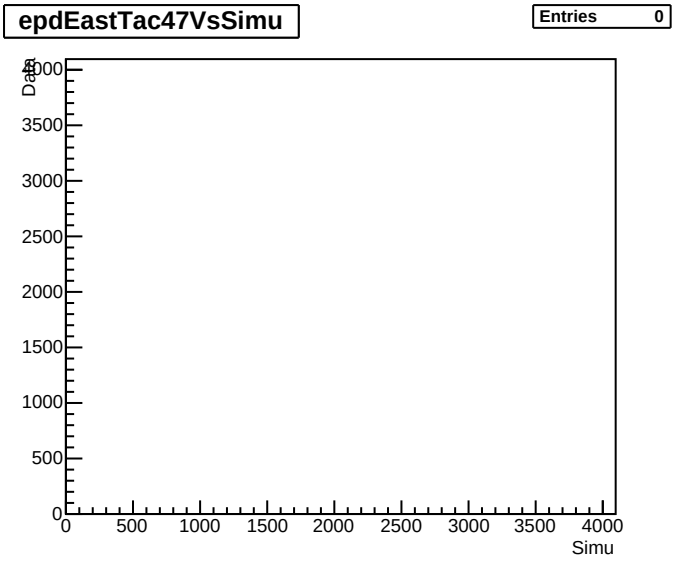
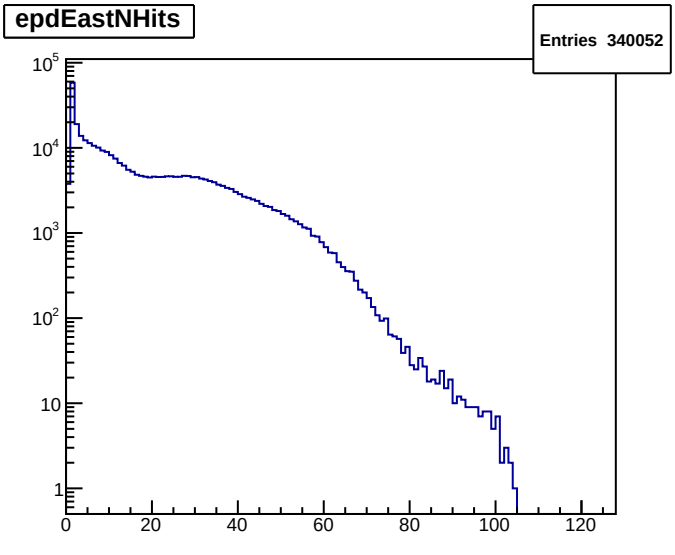
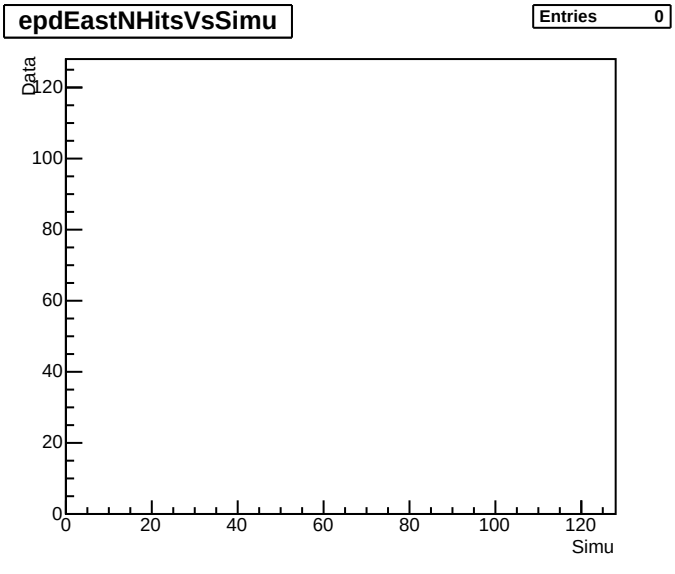
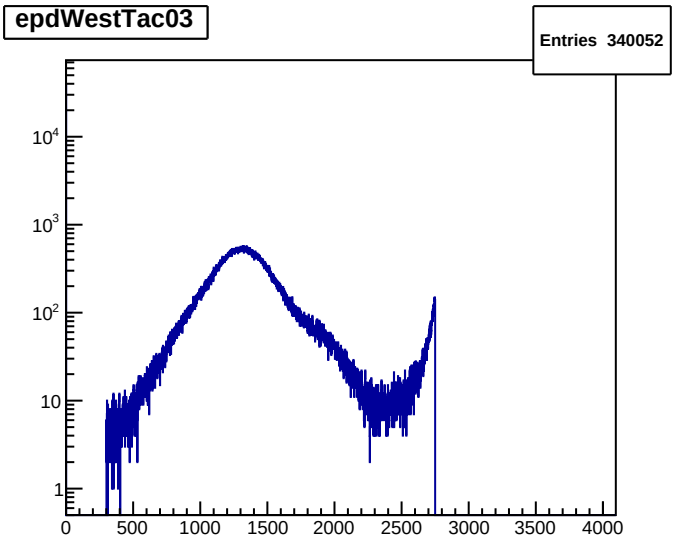
Entries 0
Data
Simu

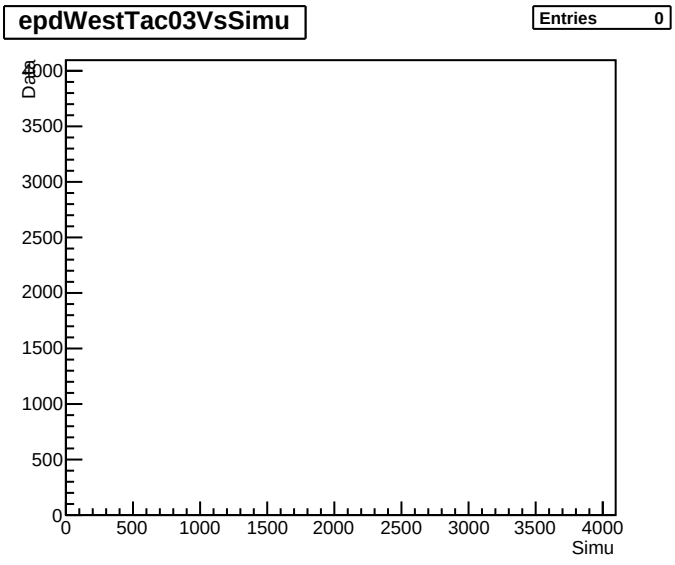

epdEastTac47
Entries 340052


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 340052


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 340052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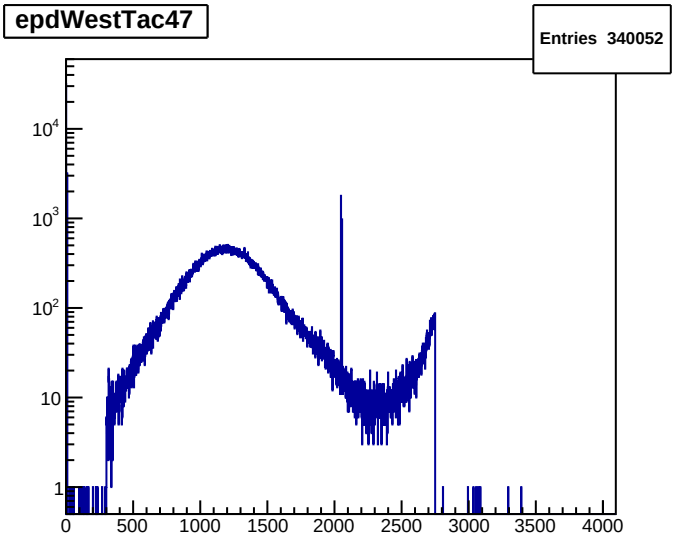
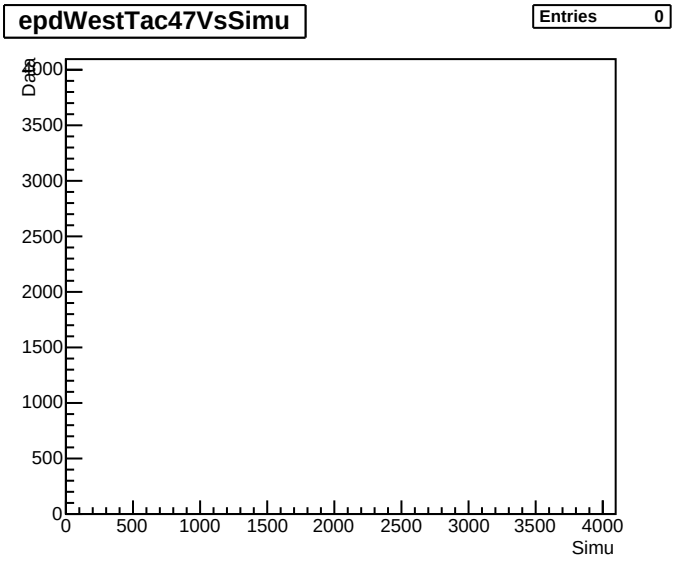
Entries 0
Data
Simu


epdWestTac47
Entries 340052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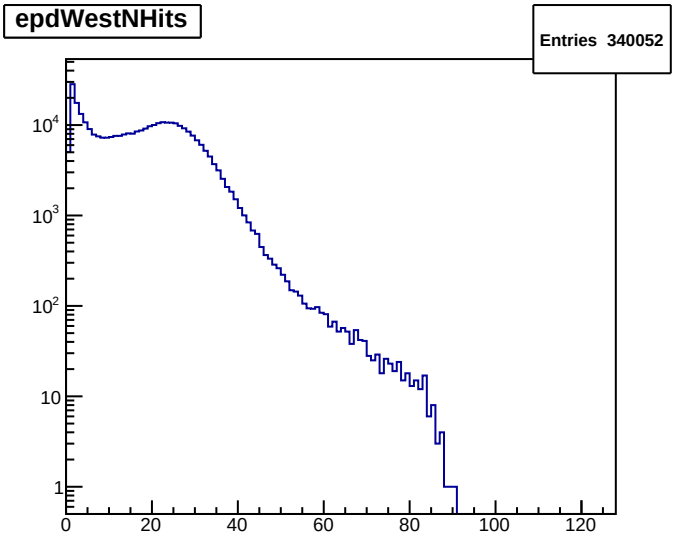
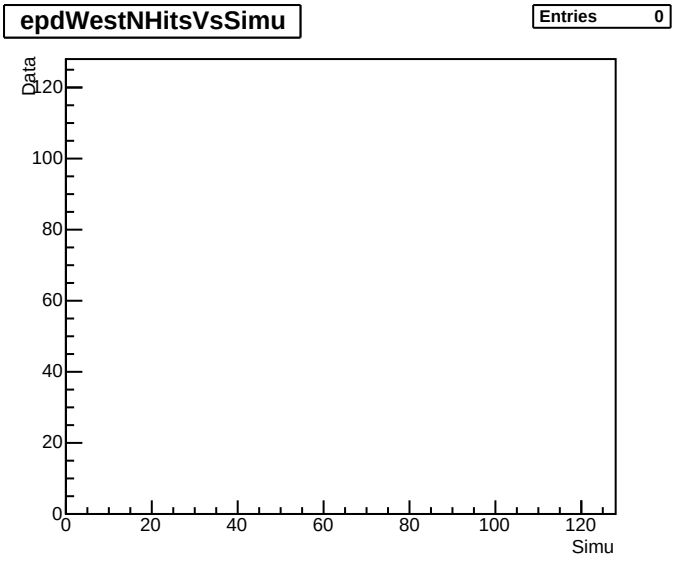
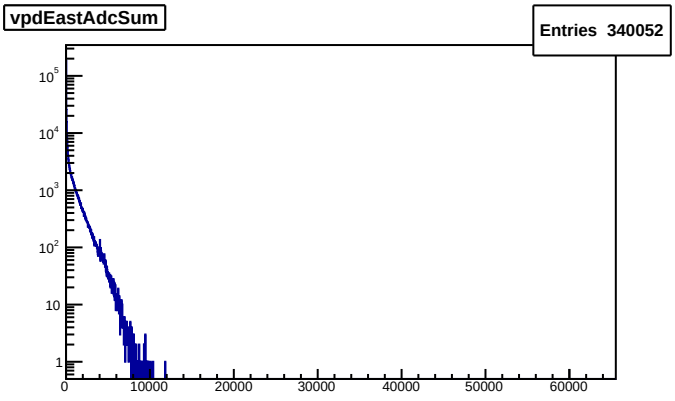
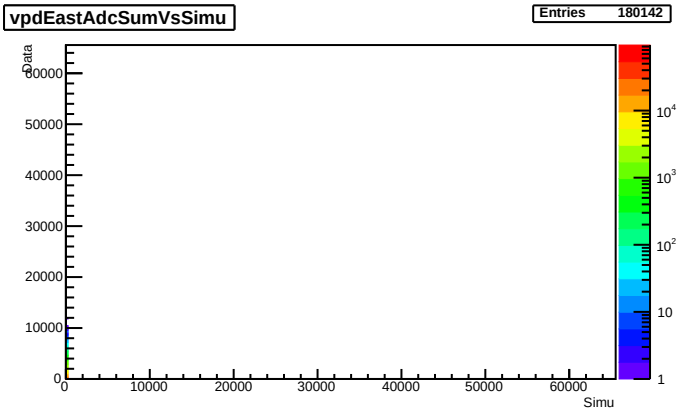
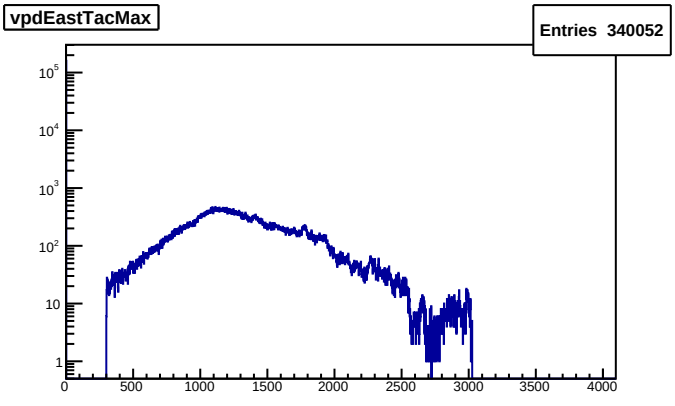
Entries 0
Data
Simu

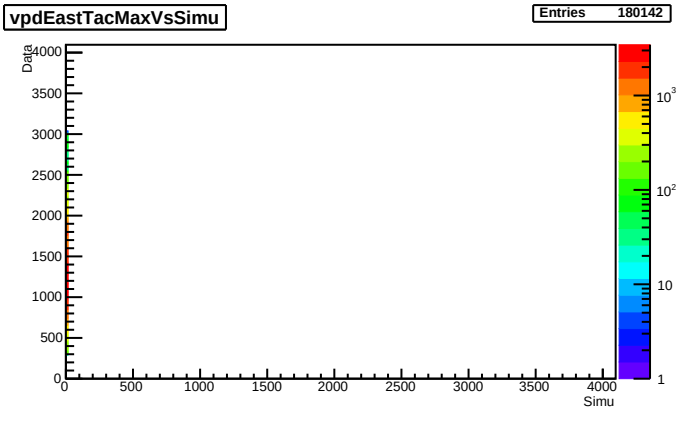

epdWestNHits
Entries 340052

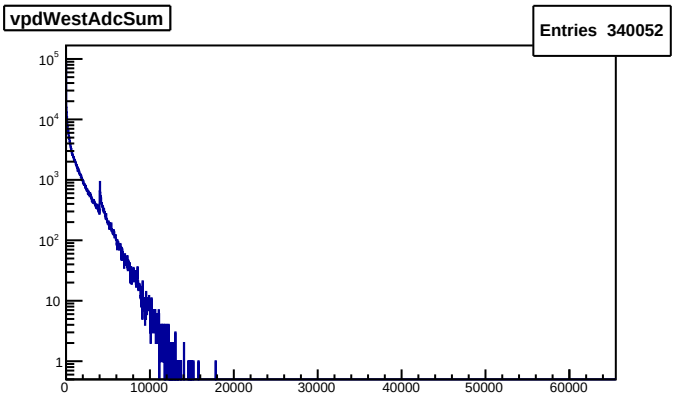

epdWestNHitsVsSimu
Entries 0
Data
Simu

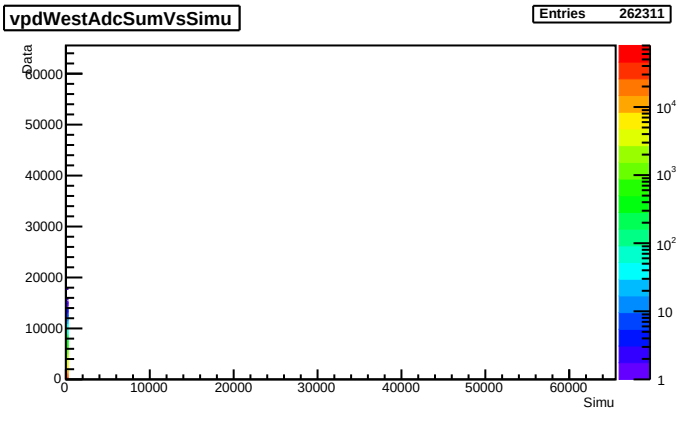

vpdEastAdcSum
Entries 340052

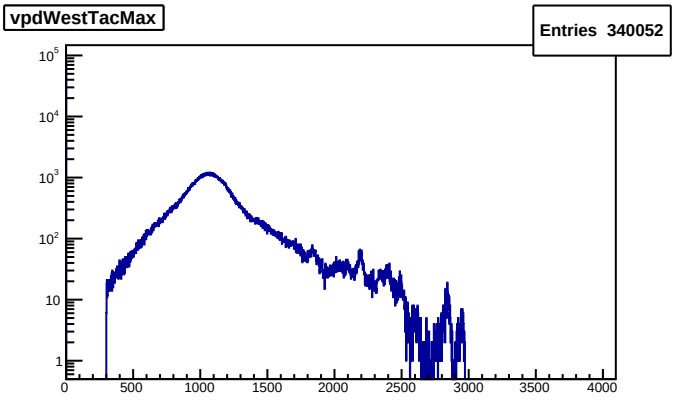

vpdEastAdcSumVsSimu
Entries 180142
Data
Simu

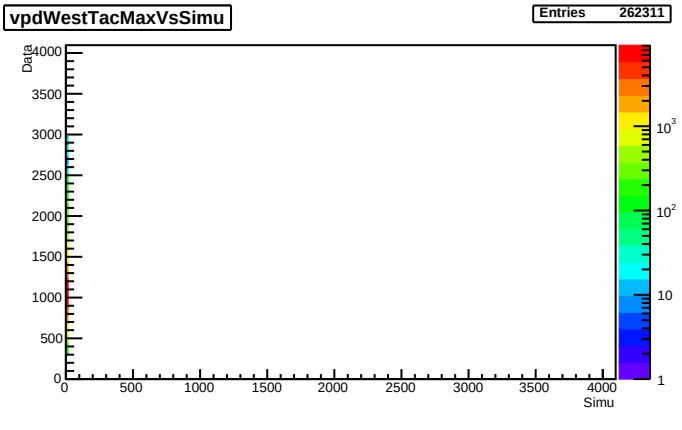

vpdEastTacMax
Entries 340052

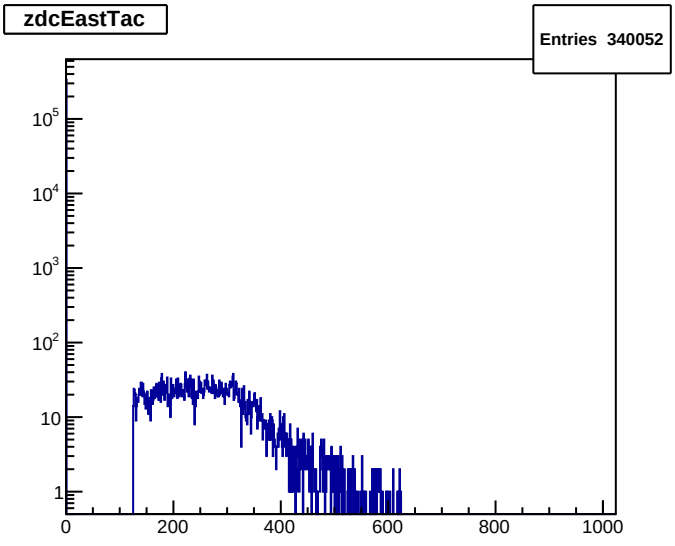

vpdEastTacMaxVsSimu
Entries 180142
Data
Simu

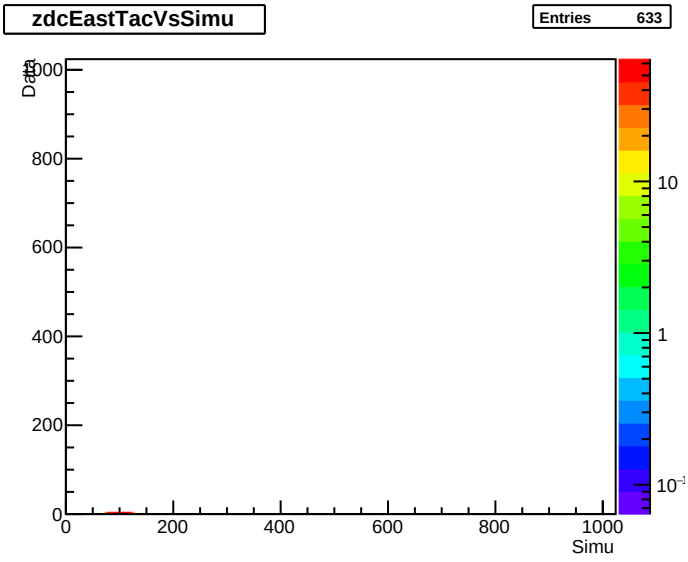

vpdWestAdcSum
Entries 340052

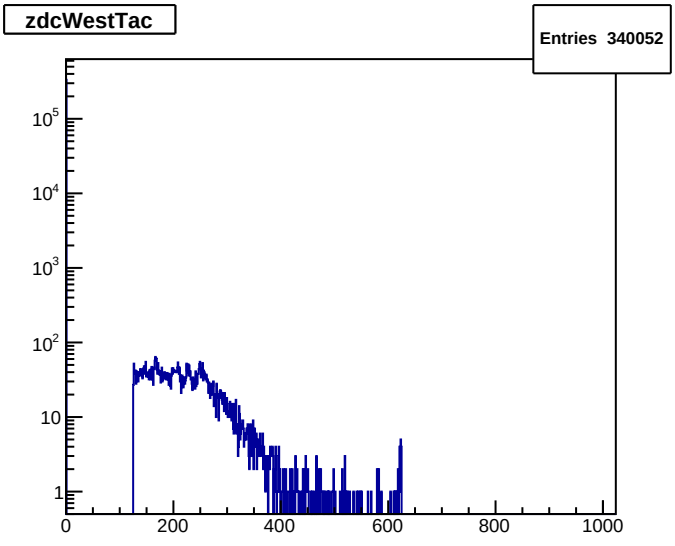

vpdWestAdcSumVsSimu
Entries 262311
Data
Simu

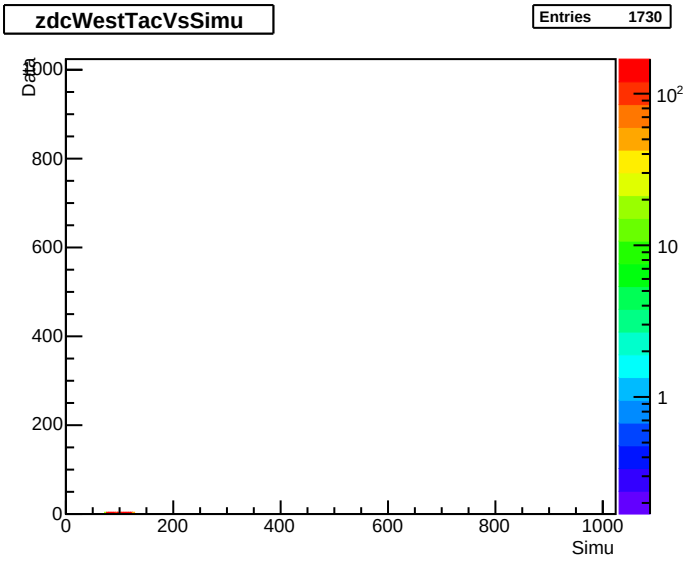

vpdWestTacMax
Entries 340052

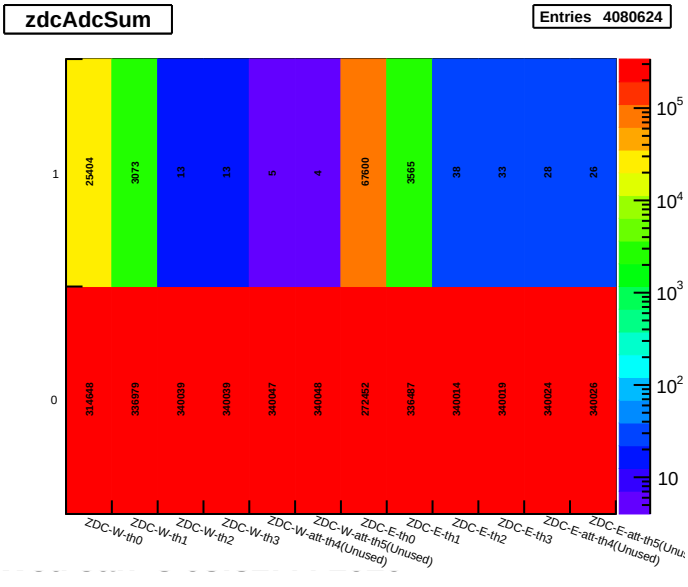

vpdWestTacMaxVsSimu
Entries 262311
Data
Simu

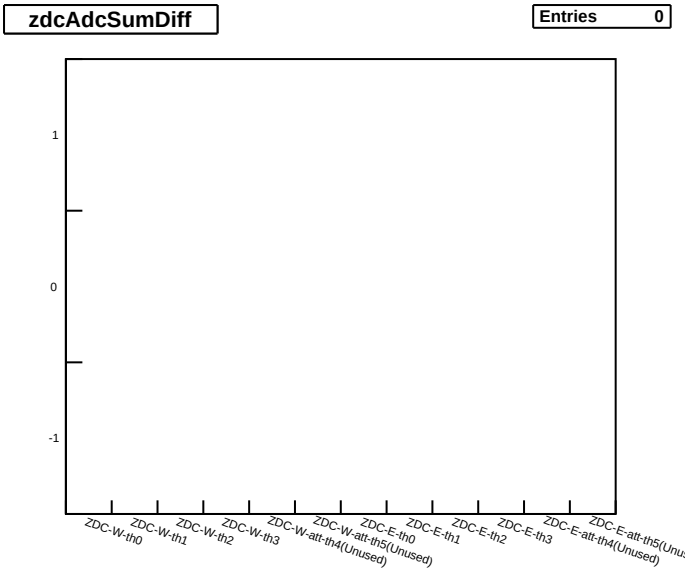

zdcEastTac
Entries 340052

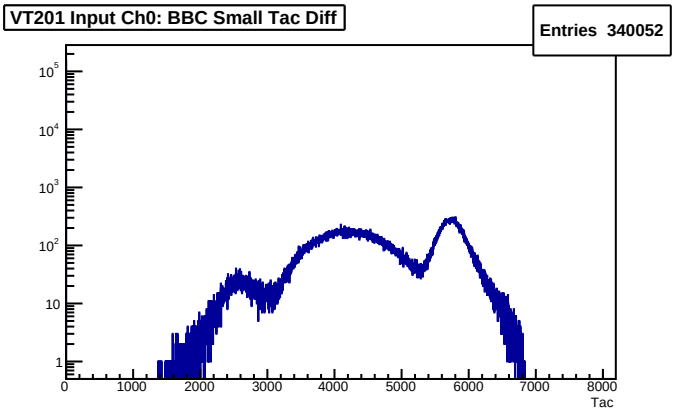

zdcEastTacVsSimu
Entries 633
Data
Simu

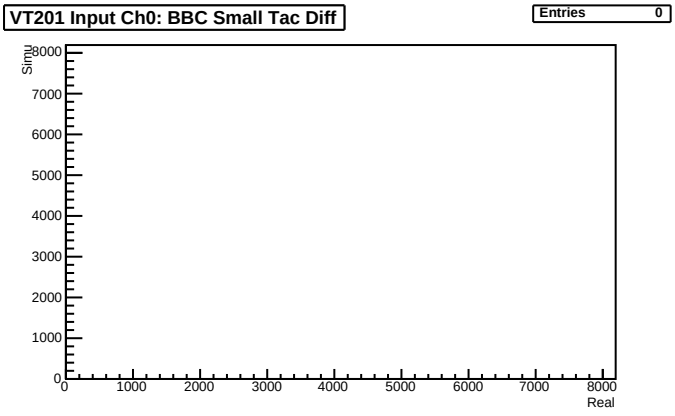

zdcWestTac
Entries 340052

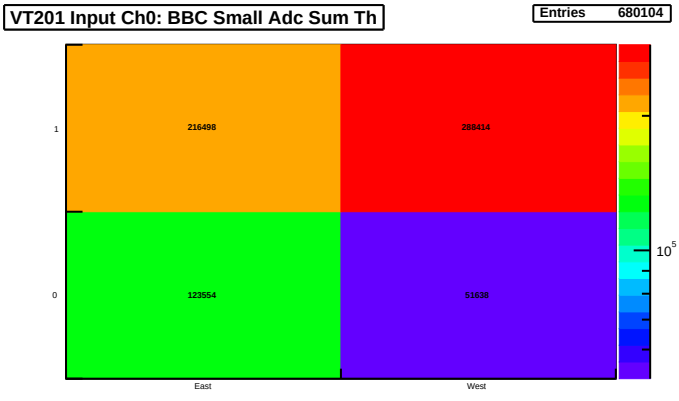

zdcWestTacVsSimu
Entries 1730
Data
Simu

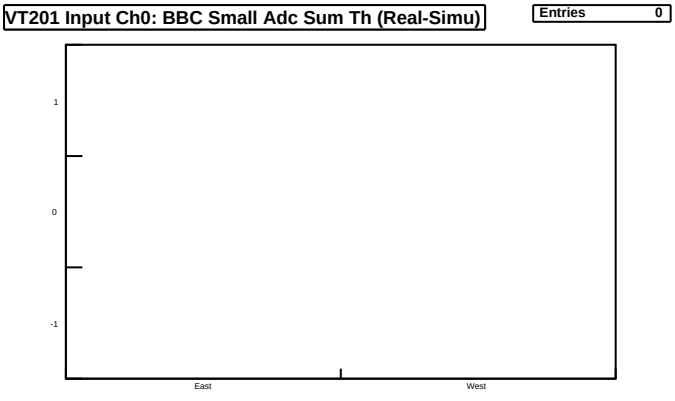

zdcAdcSum
Entries 4080624
25404
3073
13
13
5
4
67600
3565
38
33
28
26
314648
336979
340039
340039
340047
340048
272452
336487
340014
340019
340024
340026
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

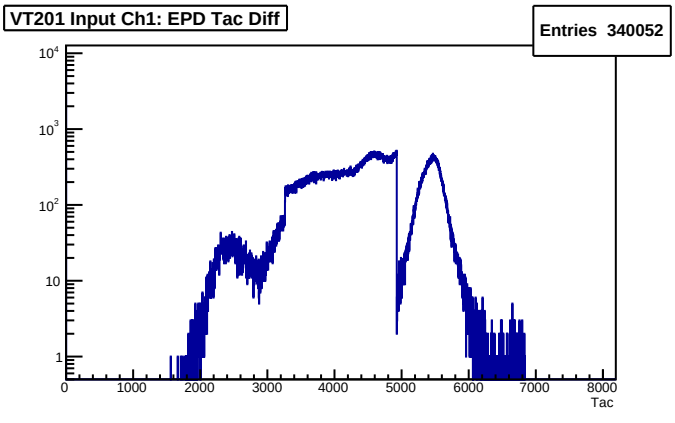

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

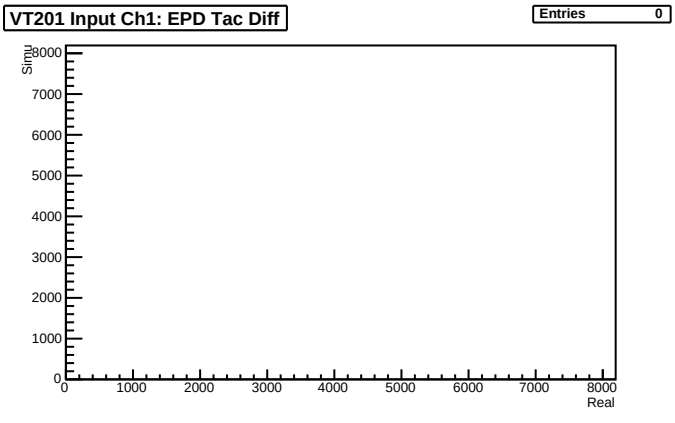

VT201 Input Ch0: BBC Small Tac Diff
Entries 340052
Tac

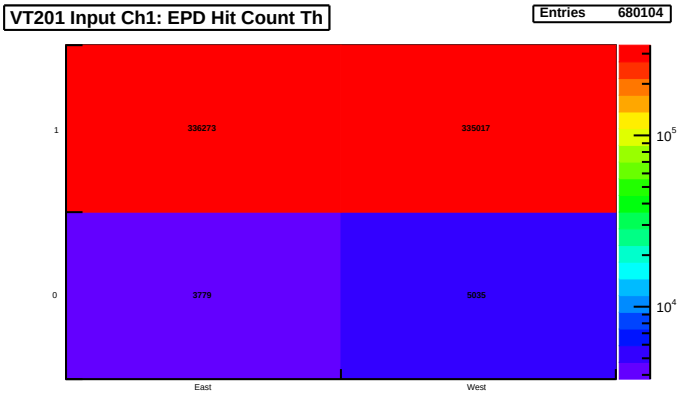

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

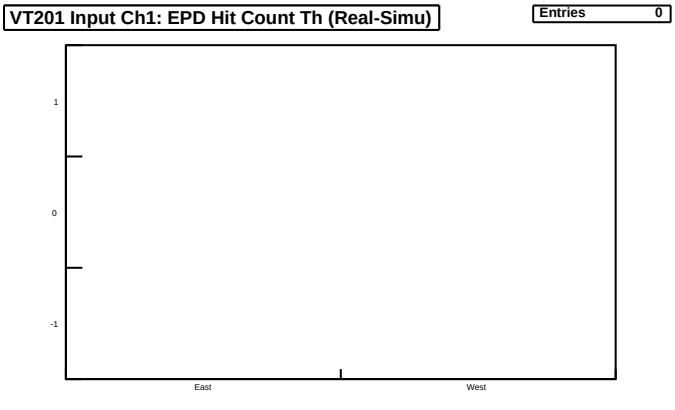

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 680104
216498
288414
123554
51638
East
West

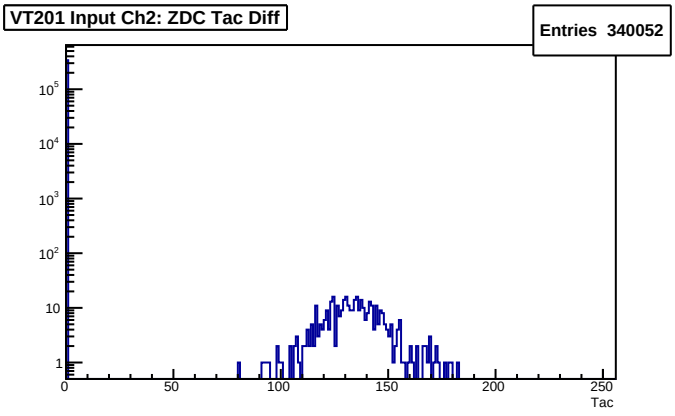

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

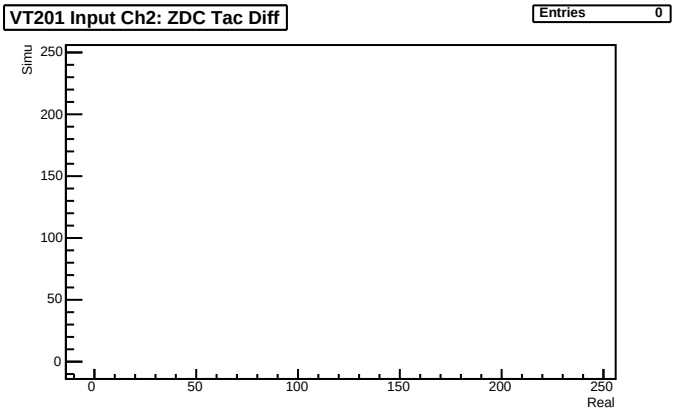

VT201 Input Ch1: EPD Tac Diff
Entries 340052
Tac

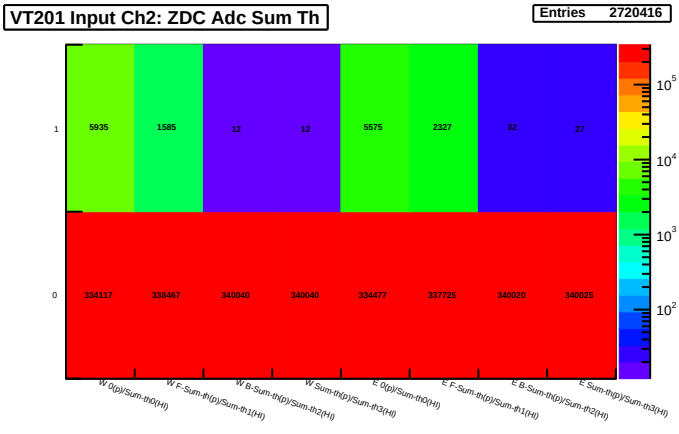

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

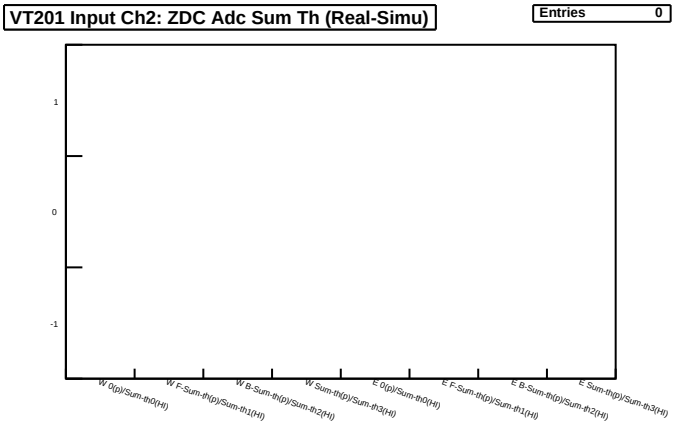

VT201 Input Ch1: EPD Hit Count Th
Entries 680104
336273
335017
3779
5035
East
West

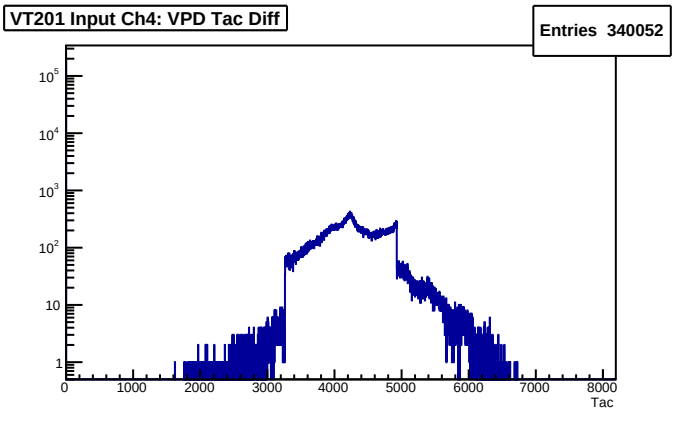

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

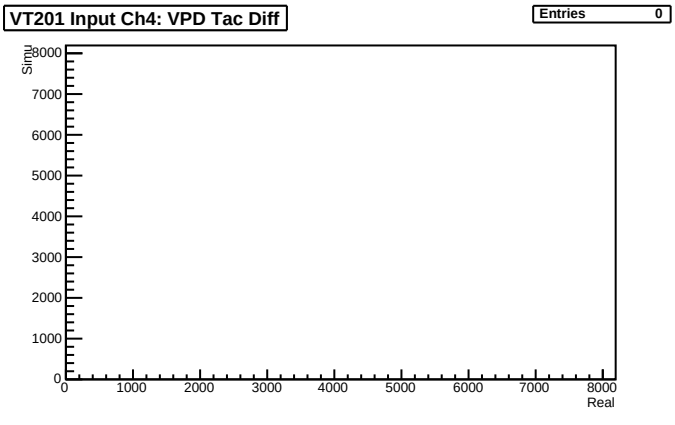

VT201 Input Ch2: ZDC Tac Diff
Entries 340052
Tac

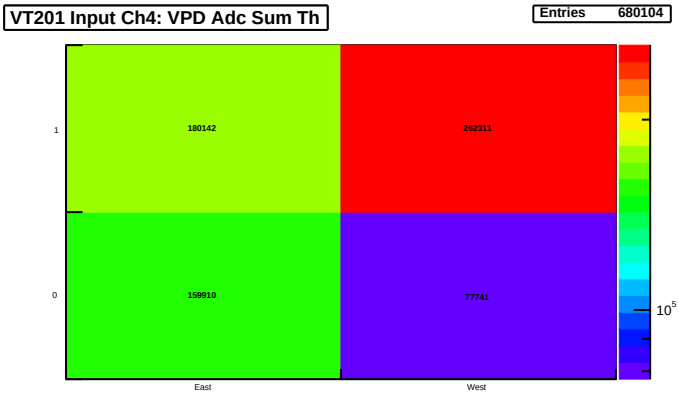

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

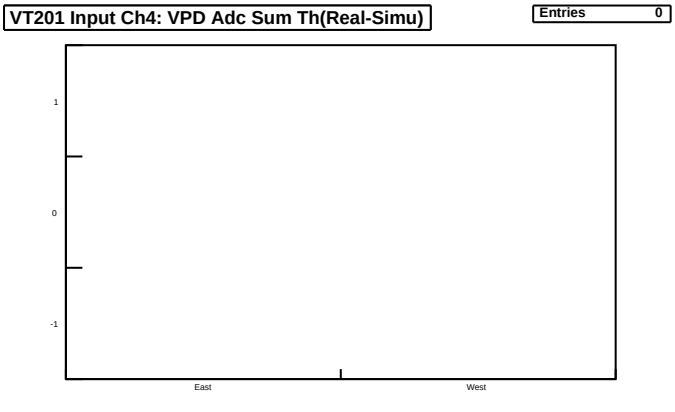

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2720416
5935
1585
12
12
5575
2327
32
27
334117
338467
340040
340040
334477
337725
340020
340025
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

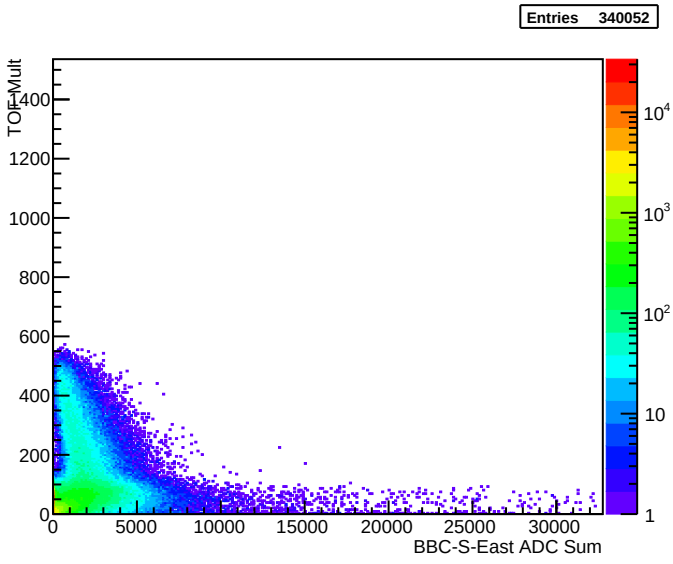

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

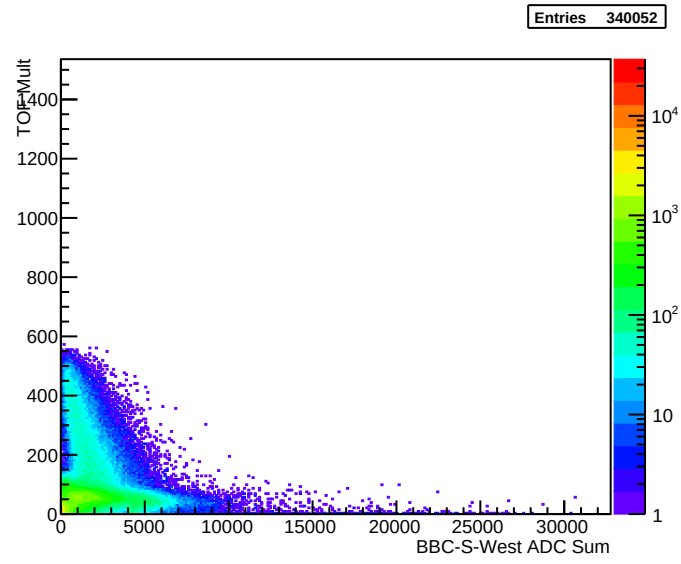

VT201 Input Ch4: VPD Tac Diff
Entries 340052
Tac

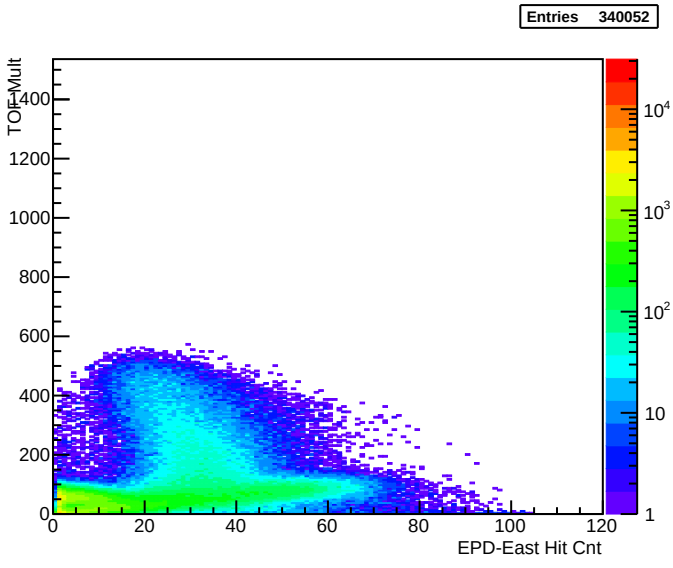

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

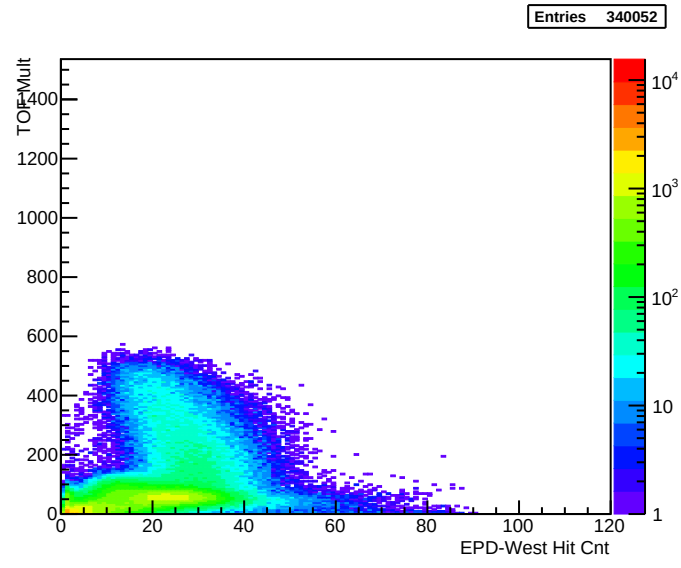

VT201 Input Ch4: VPD Adc Sum Th
Entries 680104
180142
282311
159910
77741
East
West

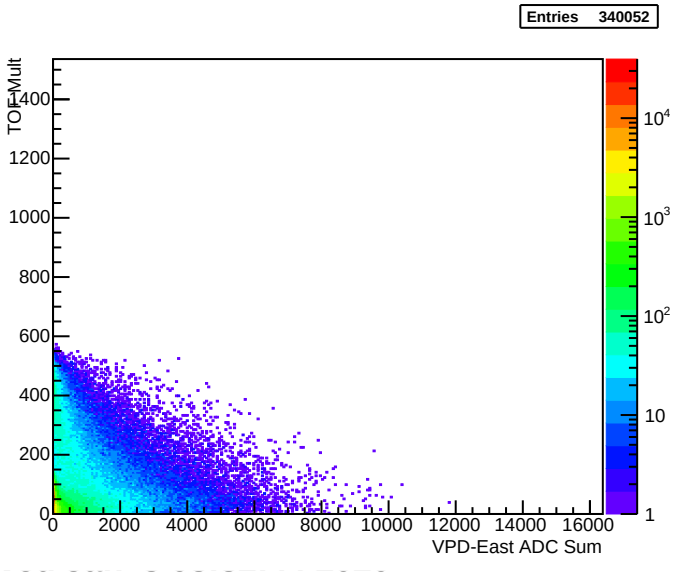

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

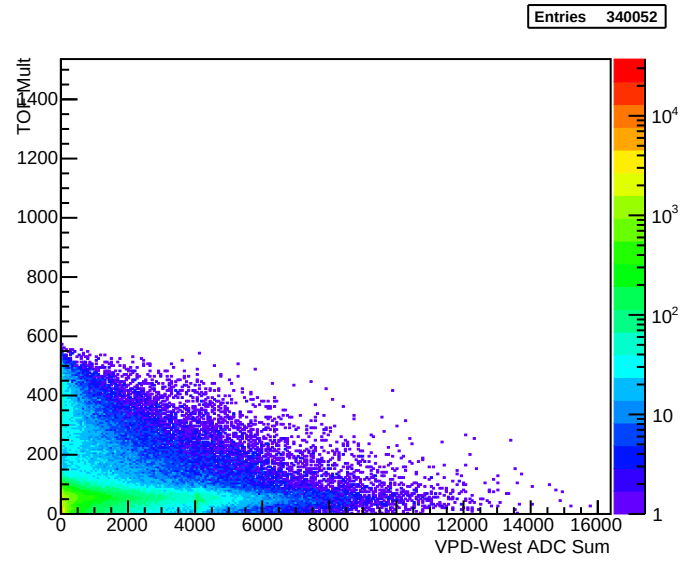

Entries 340052
TOF-Mult
BBC-S-East ADC Sum

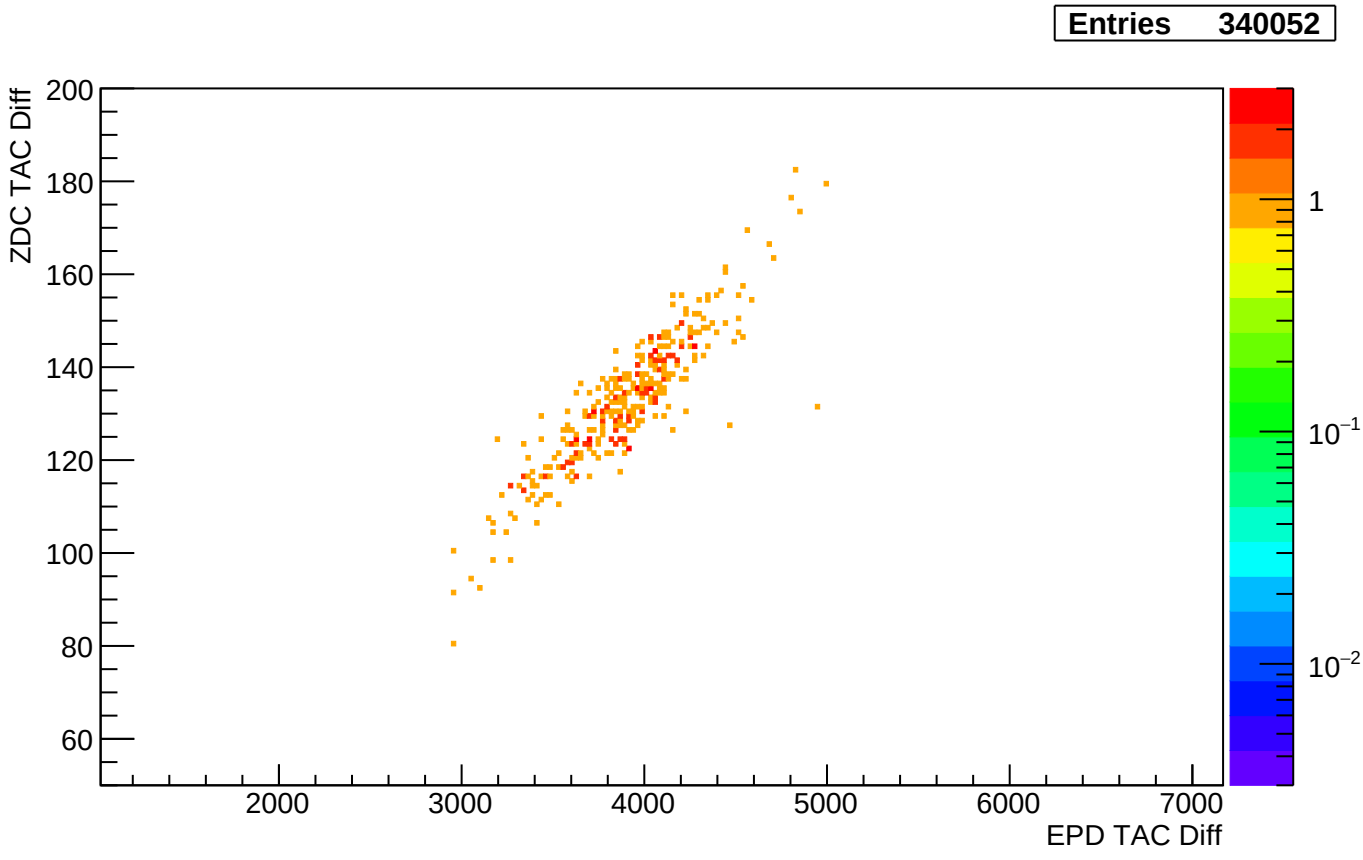

Entries 340052
TOF-Mult
BBC-S-West ADC Sum

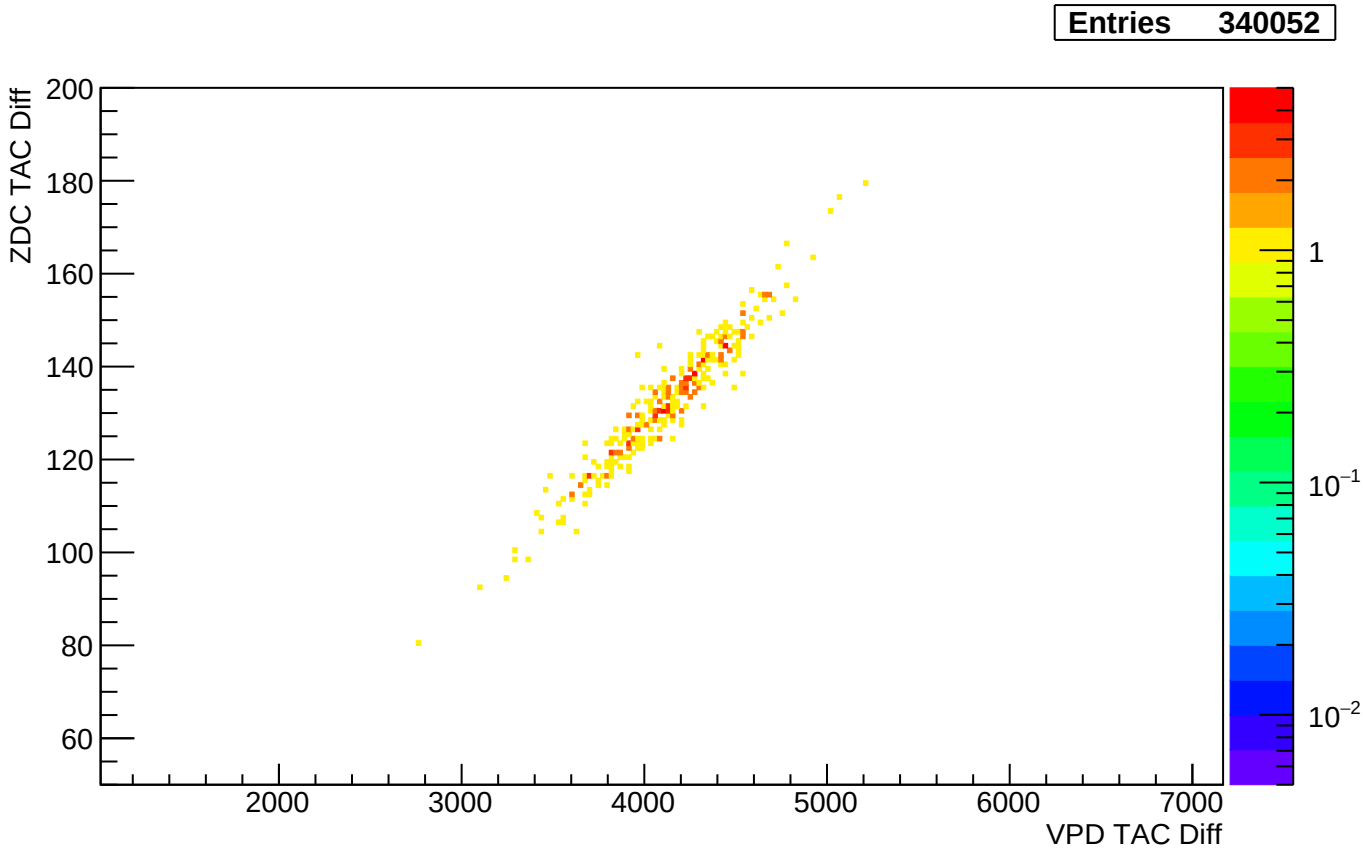

Entries 340052
TOF-Mult
EPD-East Hit Cnt

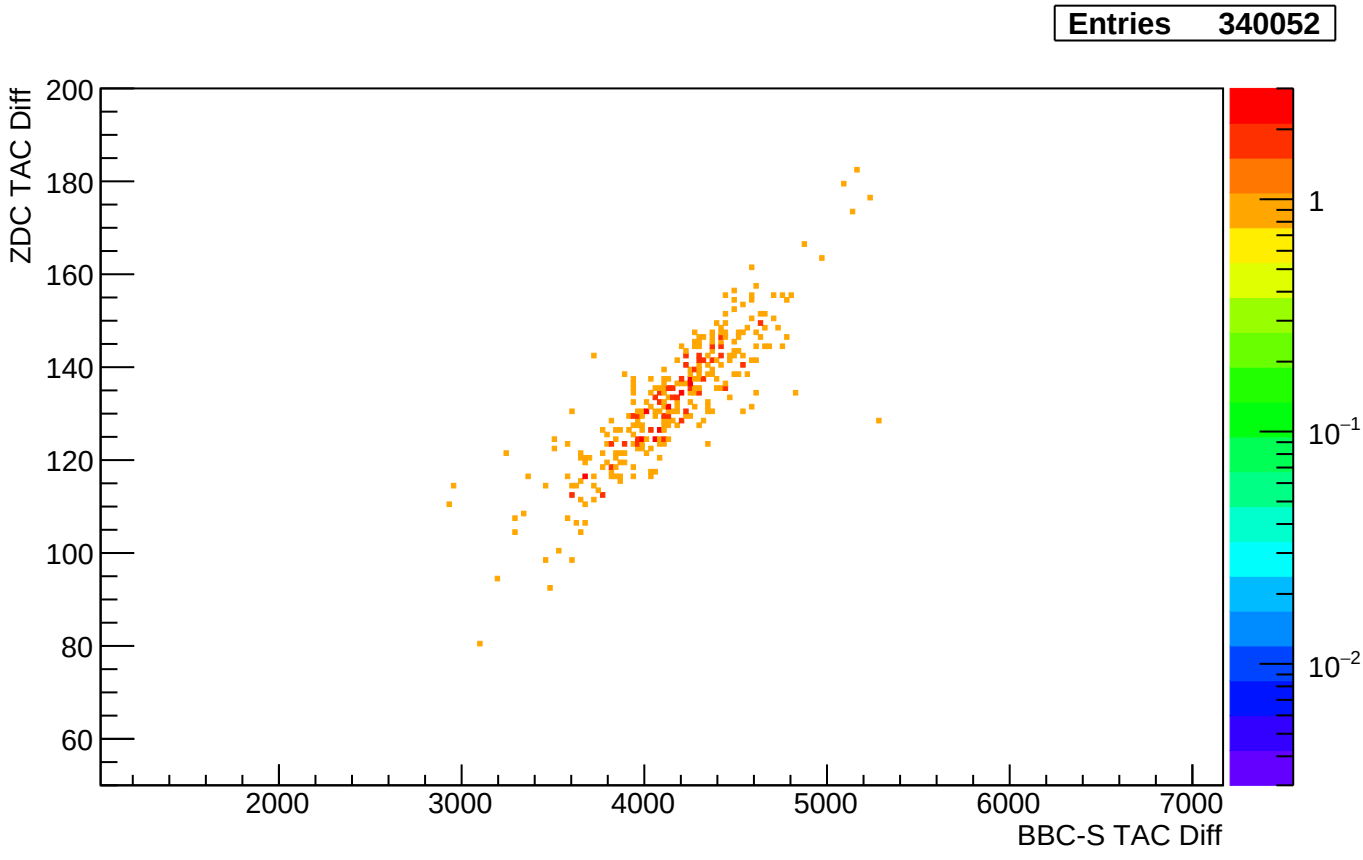

Entries 340052
TOF-Mult
EPD-West Hit Cnt

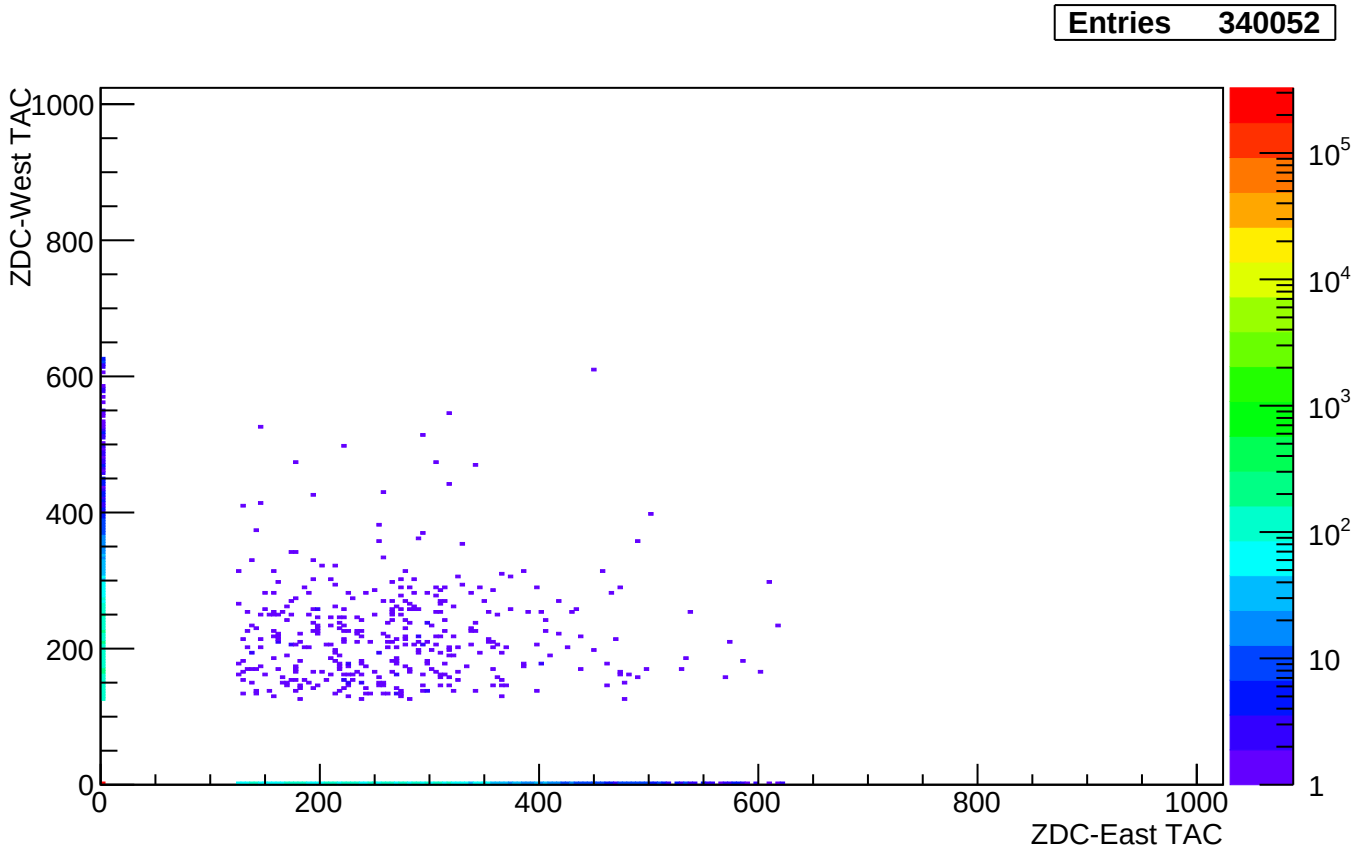

Entries 340052
TOF-Mult
VPD-East ADC Sum

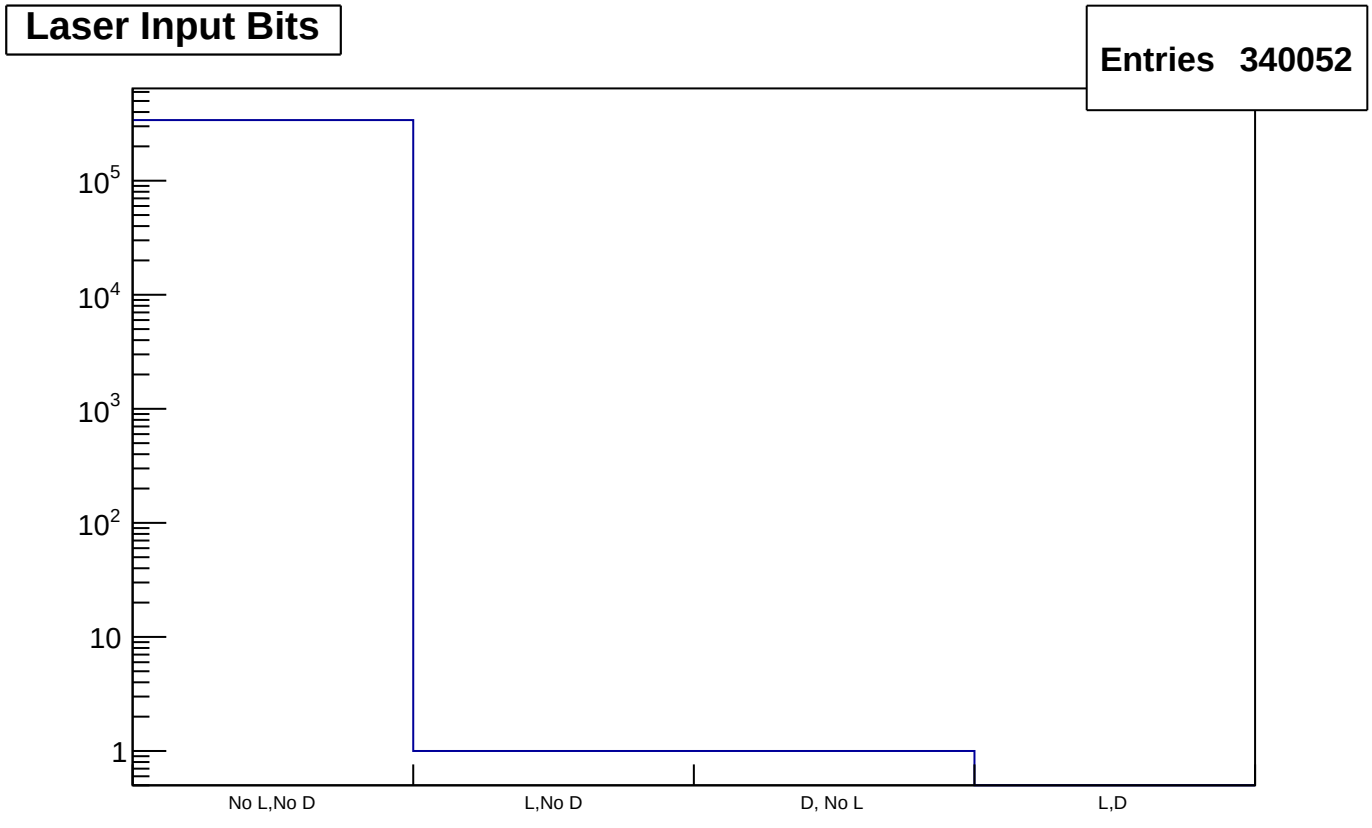

Entries 340052
TOF-Mult
VPD-West ADC Sum

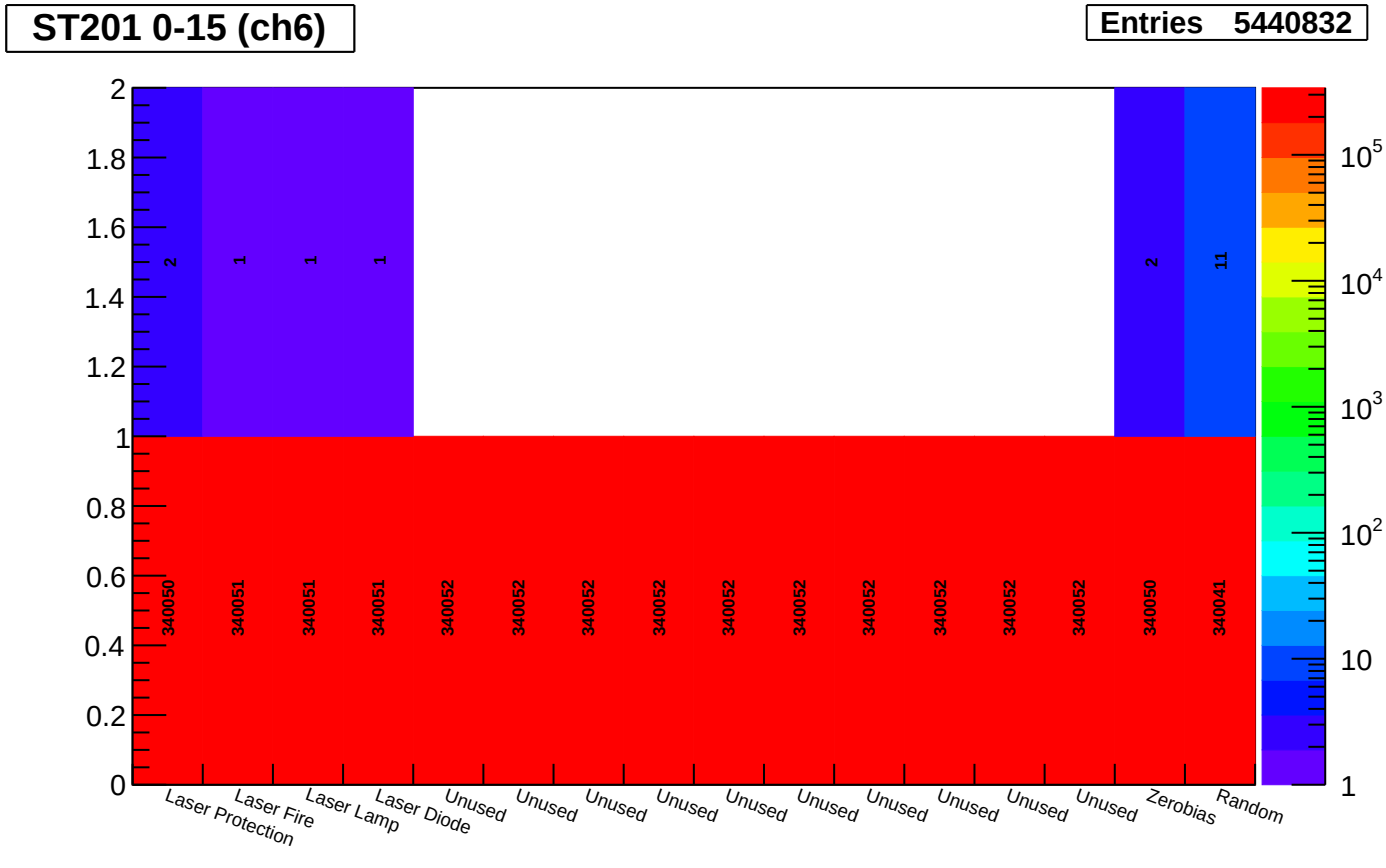

Entries 340052
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

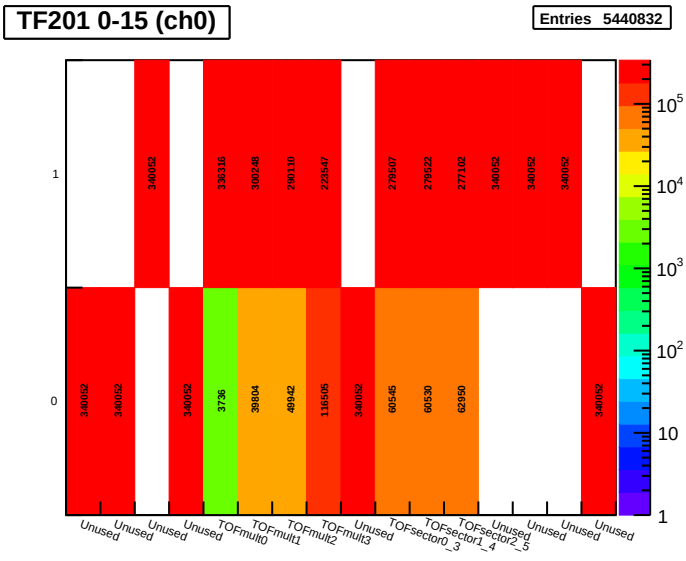

Entries 340052
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

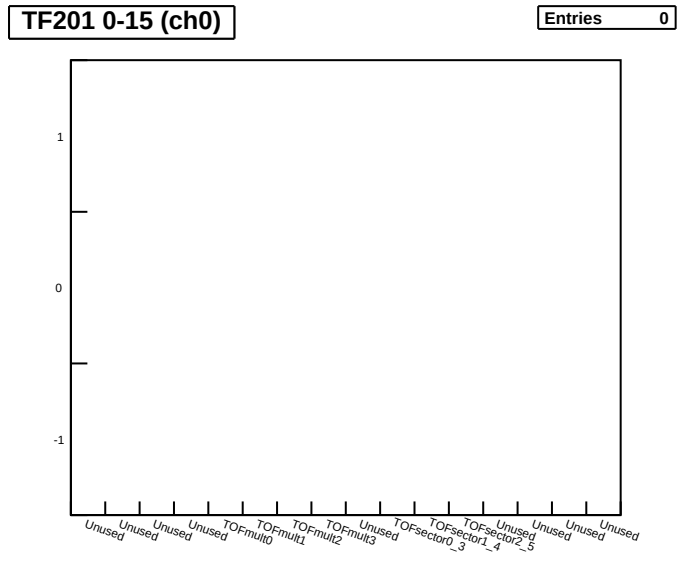

Entries 340052
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

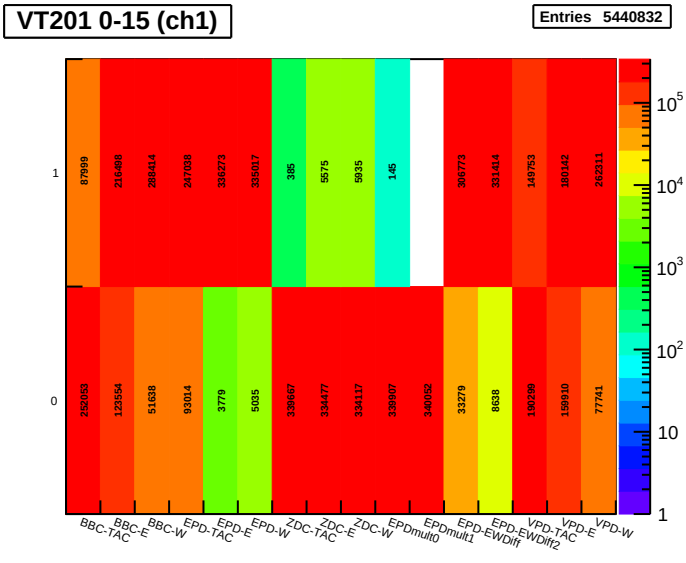

Entries 340052
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

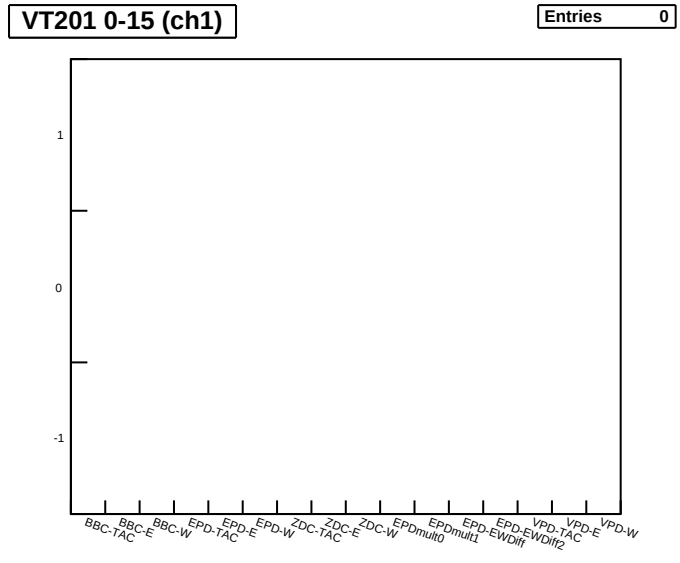

Laser Input Bits
Entries 340052
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

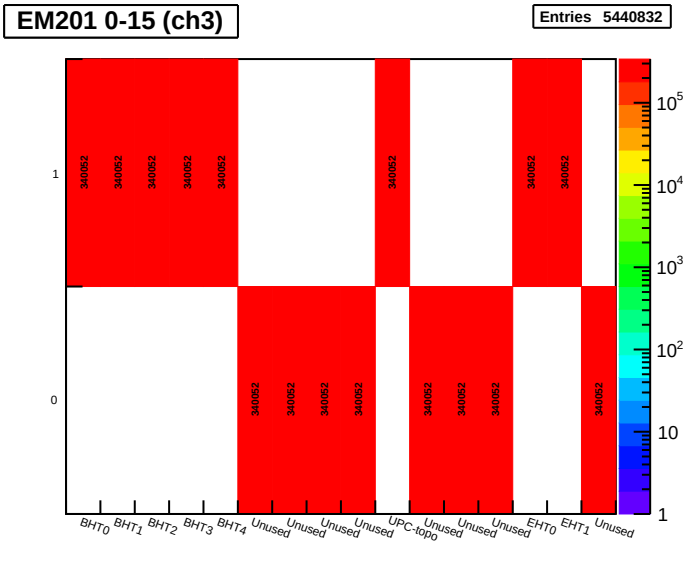

ST201 0-15 (ch6)
Entries 5440832
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
2
11
340050
340051
340051
340051
340052
340052
340052
340052
340052
340052
340052
340052
340052
340052
340050
340041
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

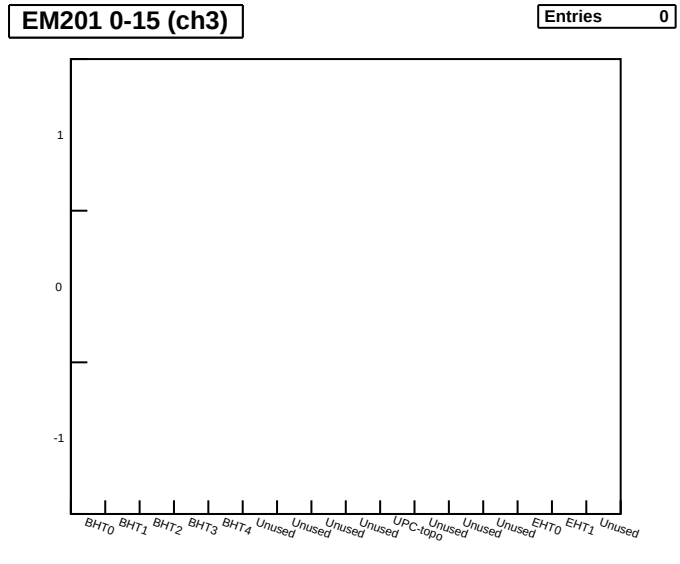

TF201 0-15 (ch0)
Entries 5440832
1
0
340052
336316
300248
280110
223547
279507
279522
277102
3736
39804
49942
116505
60545
60530
62950
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 5440832
1
0
87999
216488
288414
247038
336273
335017
385
5575
5935
145
306773
331414
149753
180142
262311
252053
123554
51638
93014
3779
5035
339667
334477
334117
339907
340052
33279
8638
150299
159910
77741
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
1
10
10^2
10^3
10^4
10^5


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 5440832
1
0
340052
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1