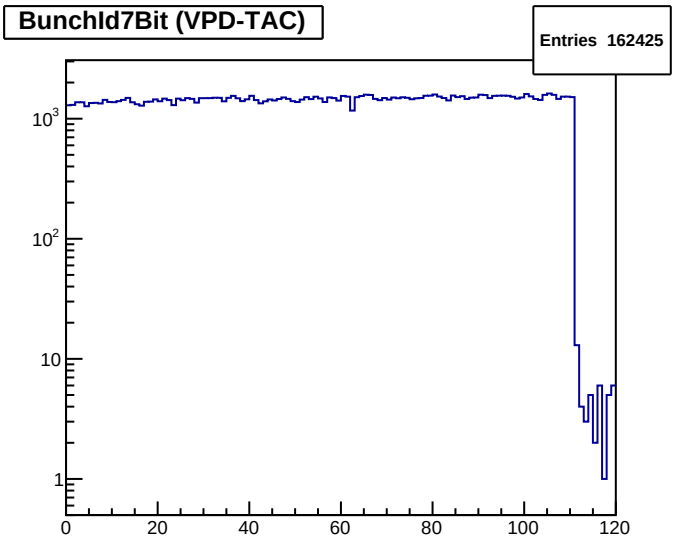
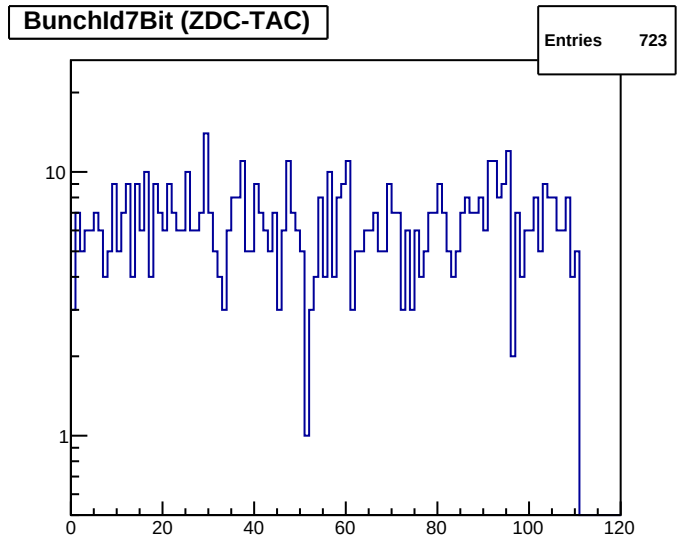
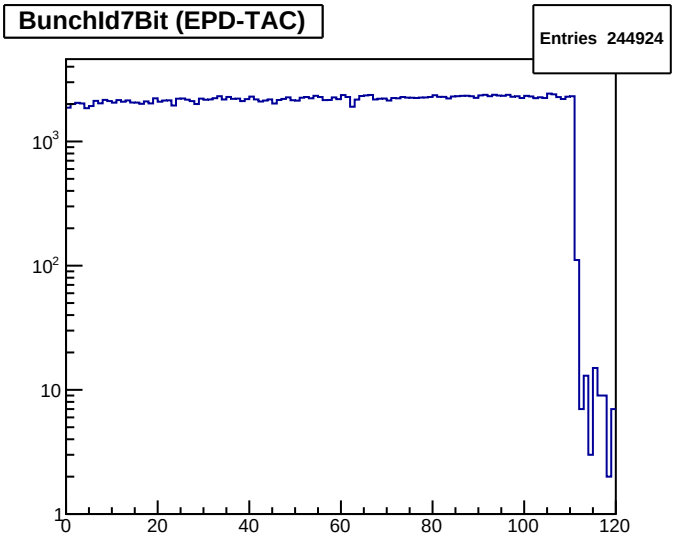
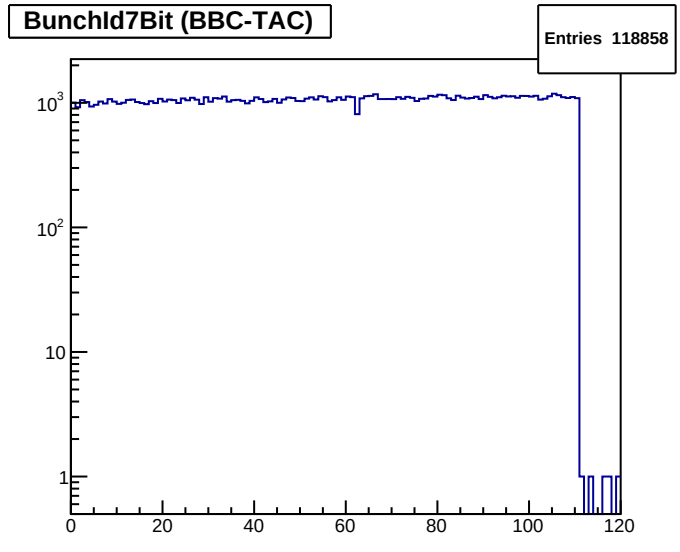
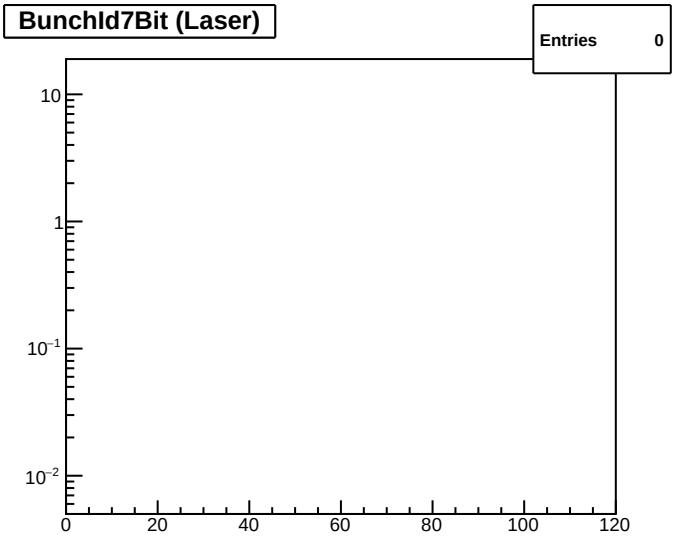
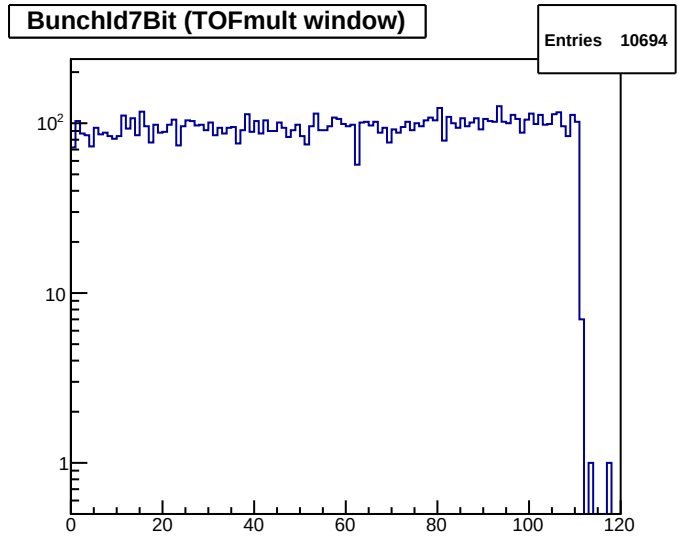

BunchId7Bit (VPD-TAC)
Entries 162425

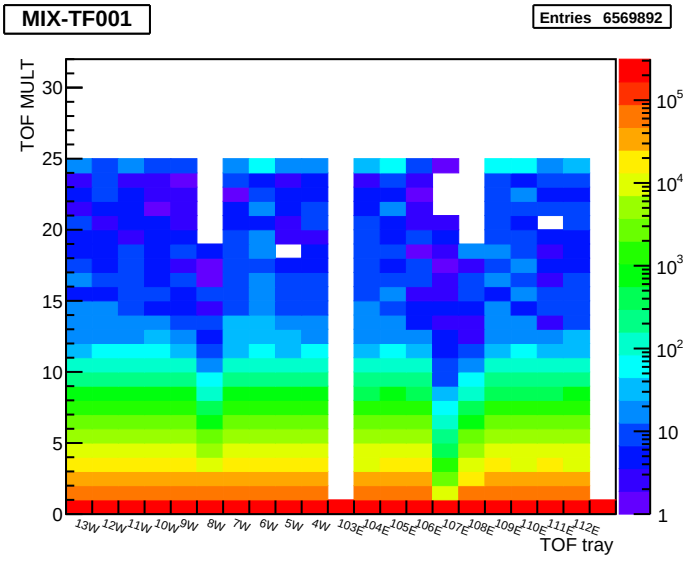

BunchId7Bit (ZDC-TAC)
Entries 723

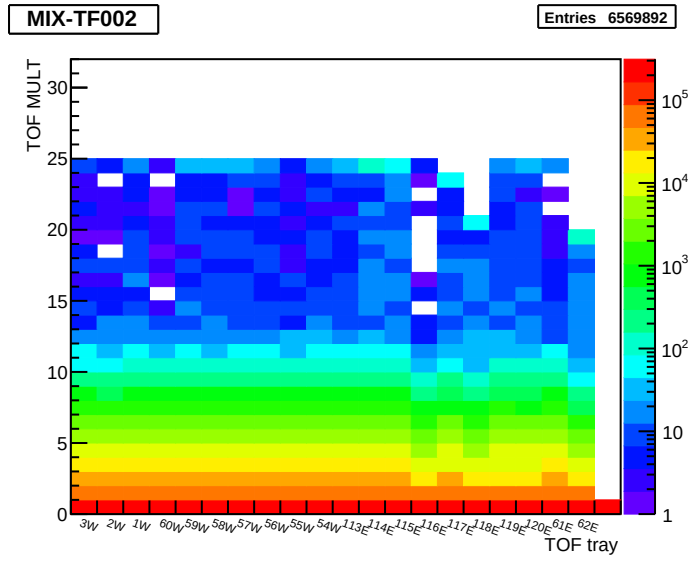

BunchId7Bit (EPD-TAC)
Entries 244924

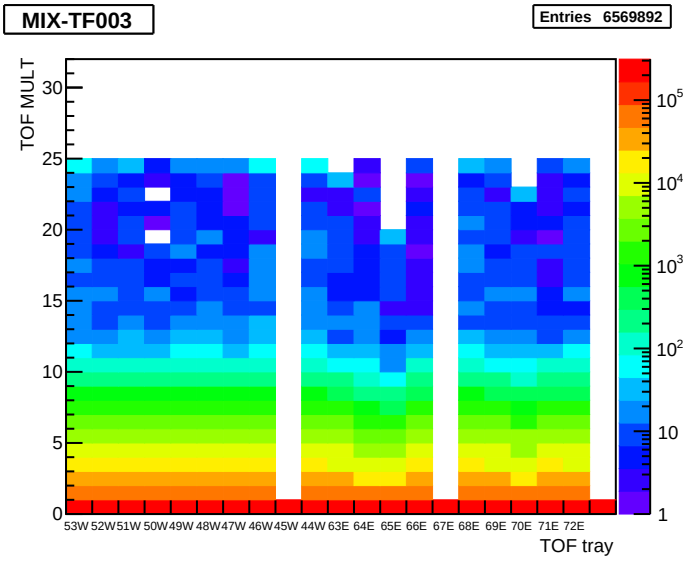

BunchId7Bit (BBC-TAC)
Entries 118858

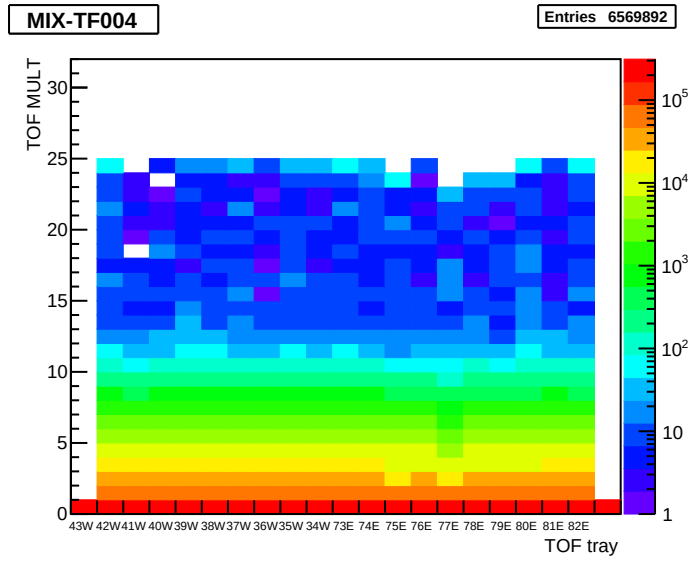

BunchId7Bit (Laser)
Entries 0

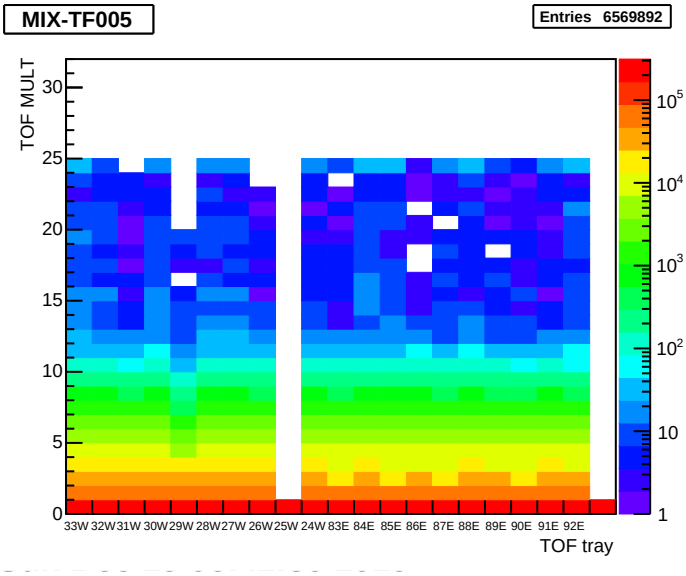

BunchId7Bit (TOFmult window)
Entries 10694

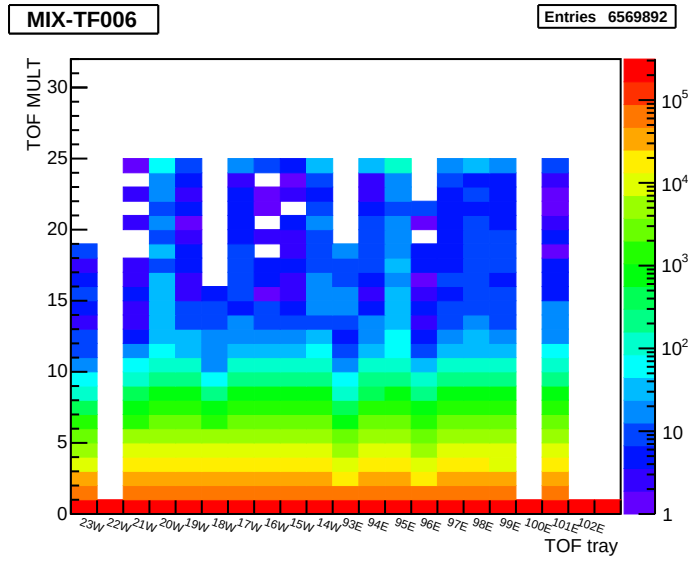

MIX-TF001
Entries 6569892
TOF MULT
TOF tray

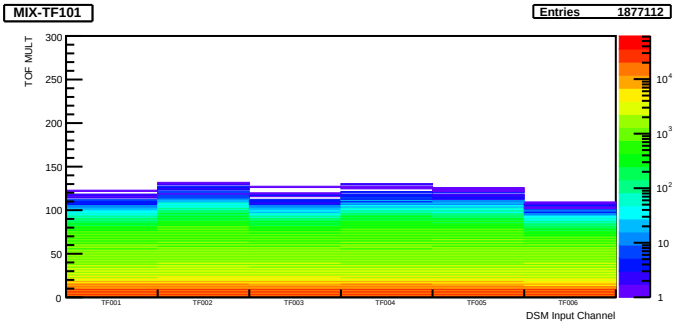

MIX-TF002
Entries 6569892
TOF MULT
TOF tray

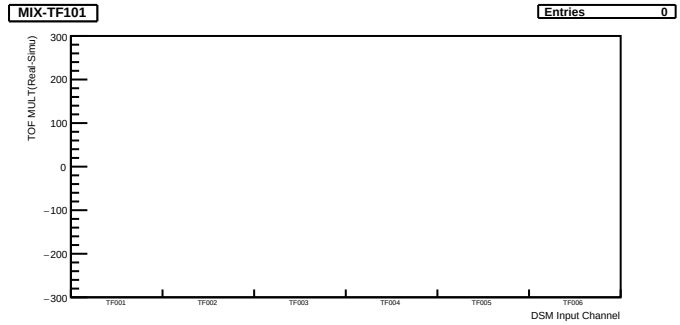

MIX-TF003
Entries 6569892
TOF MULT
TOF tray

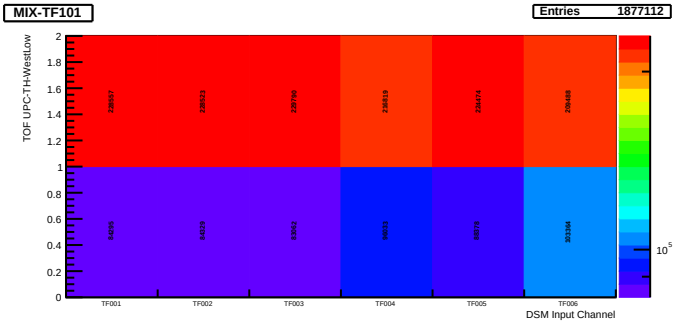

MIX-TF004
Entries 6569892
TOF MULT
TOF tray

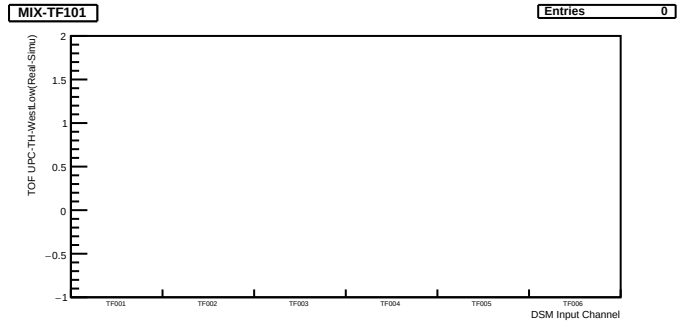

MIX-TF005
Entries 6569892
TOF MULT
TOF tray

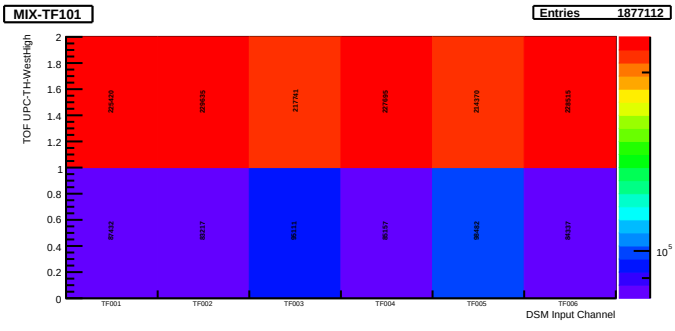

MIX-TF006
Entries 6569892
TOF MULT
TOF tray

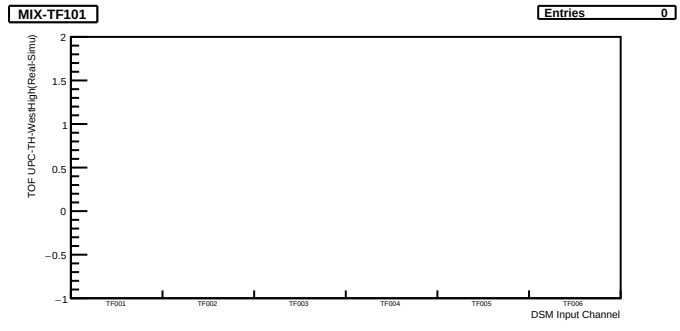

MIX-TF101
Entries 1877112
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

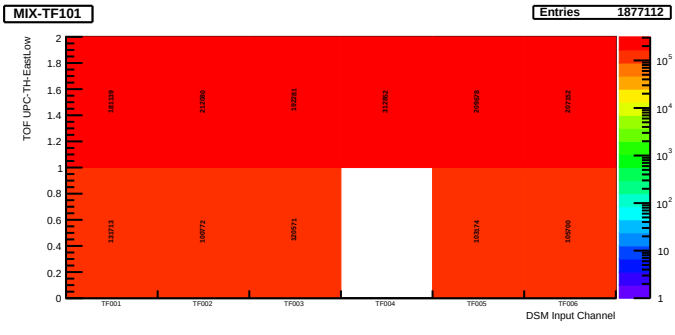

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

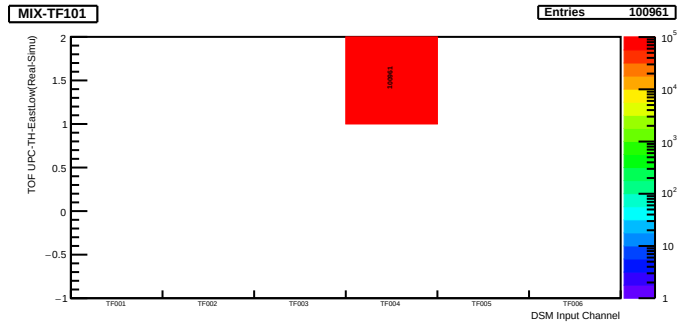

MIX-TF101
Entries 1877112
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

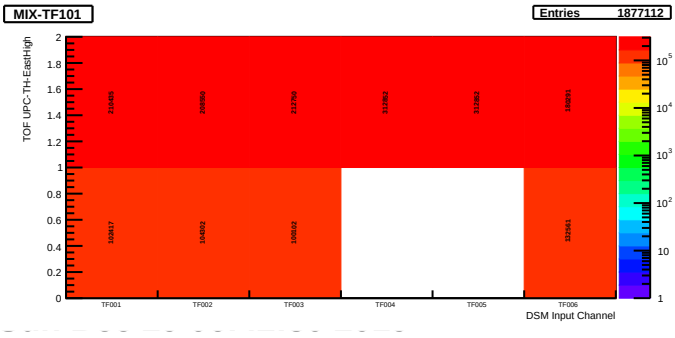

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

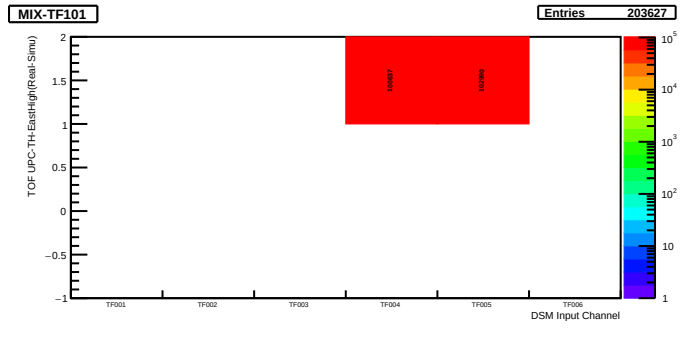

MIX-TF101
Entries 1877112
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

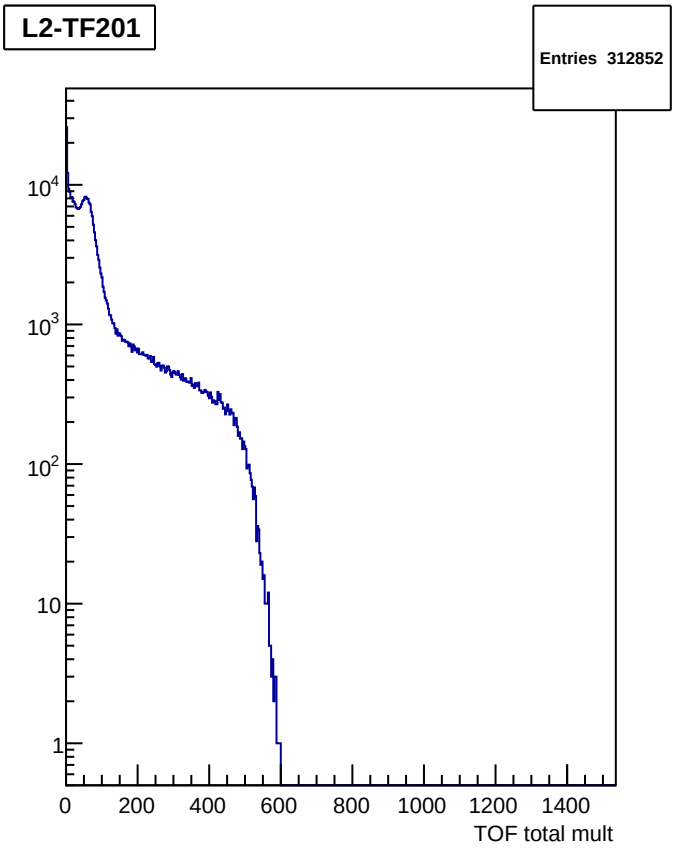

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

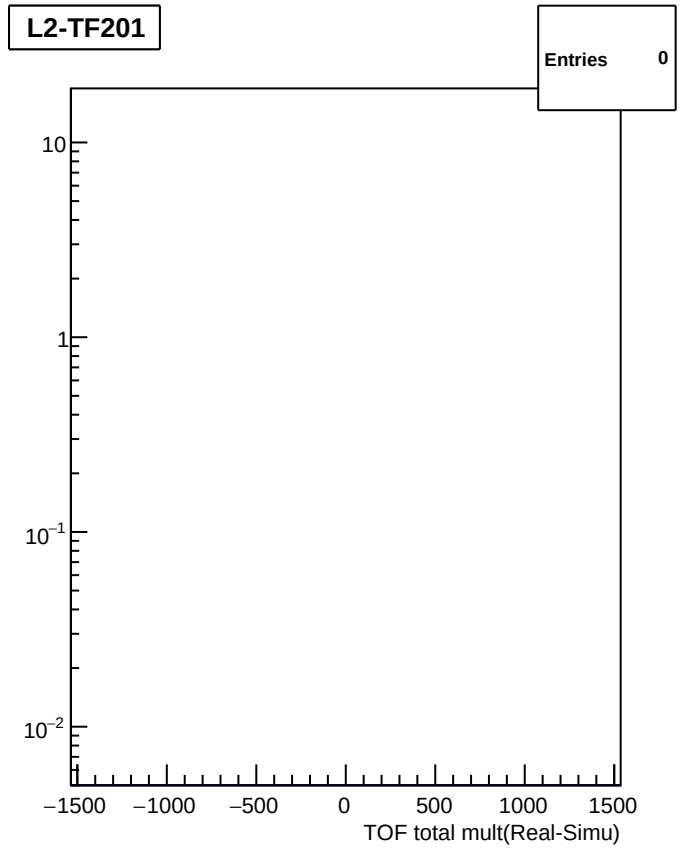

MIX-TF101
Entries 1877112
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

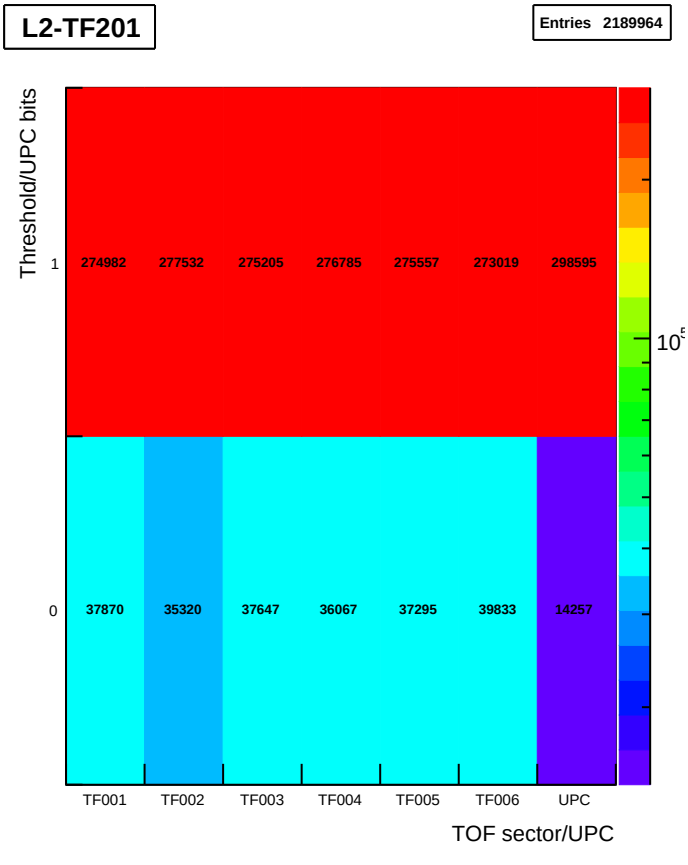

MIX-TF101
Entries 100961
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

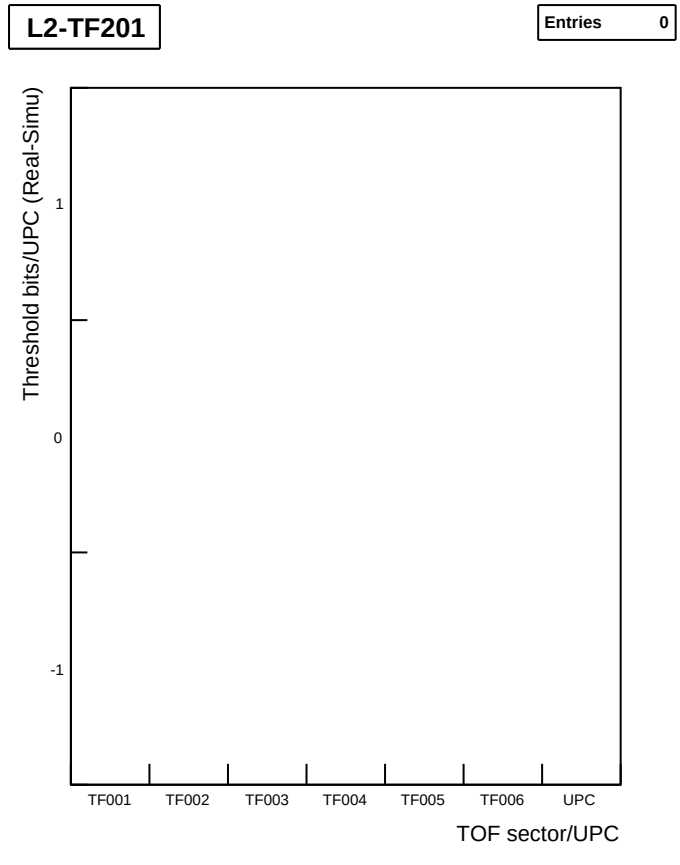

MIX-TF101
Entries 1877112
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

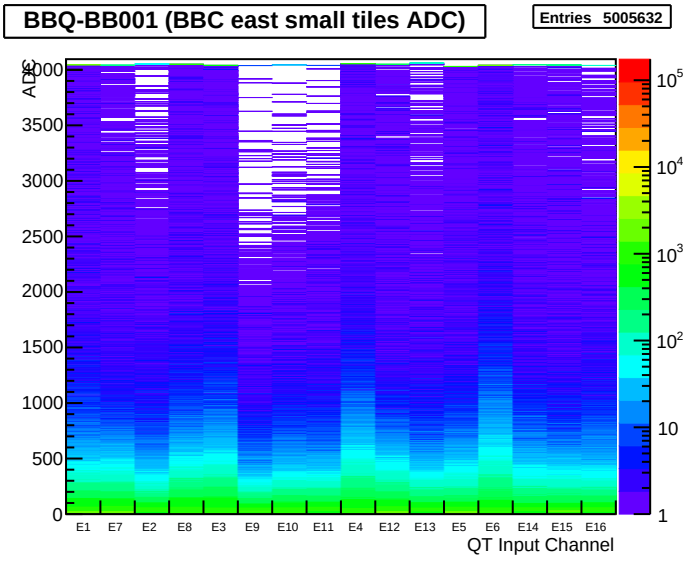

MIX-TF101
Entries 203627
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

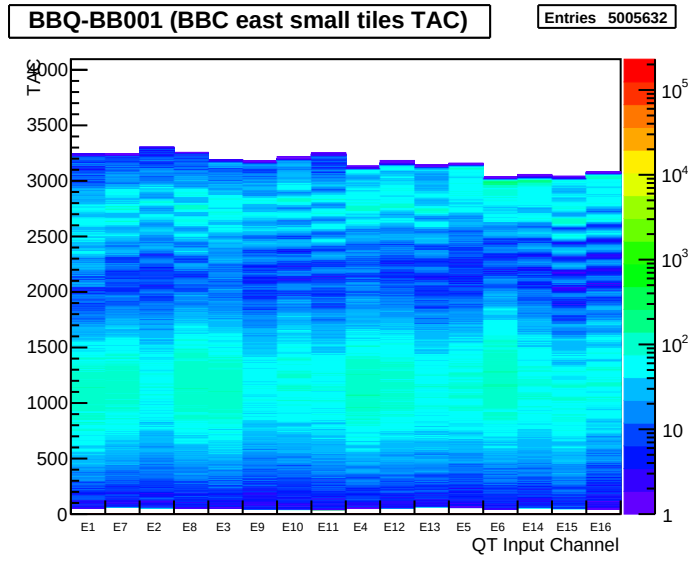

L2-TF201
Entries 312852
TOF total mult

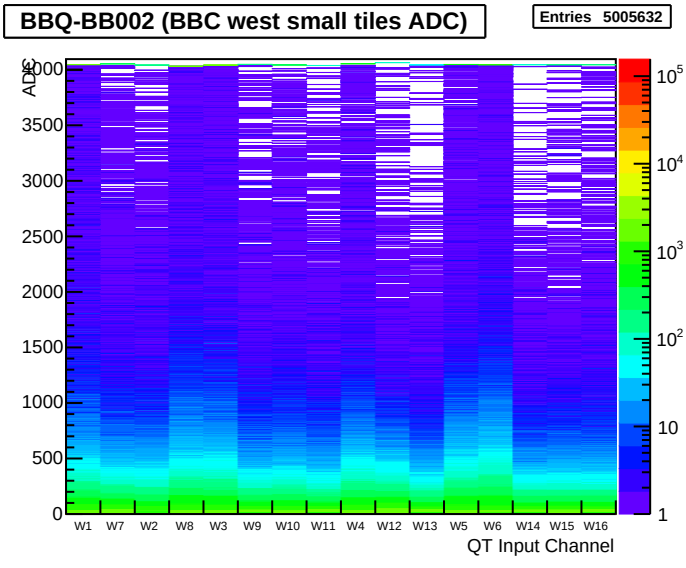

L2-TF201
Entries 0
TOF total mult(Real-Simu)

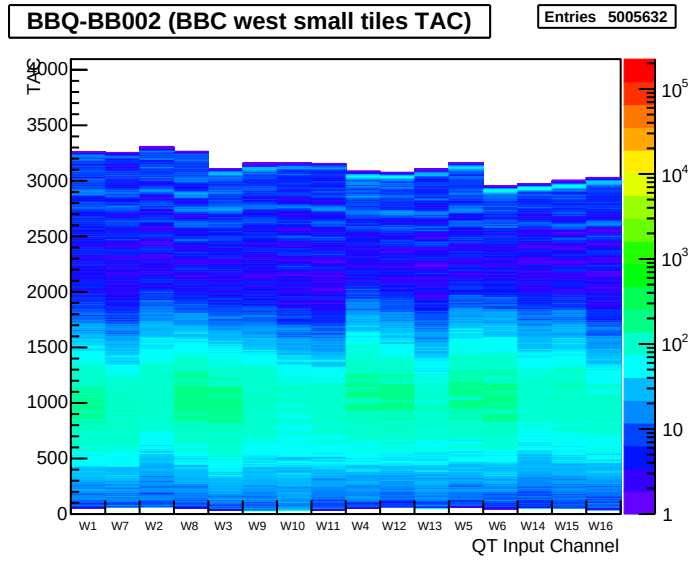

L2-TF201
Entries 2189964
Threshold/UPC bits
274982
277532
275205
276785
275557
273019
298595
37870
35320
37647
36067
37295
39833
14257
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

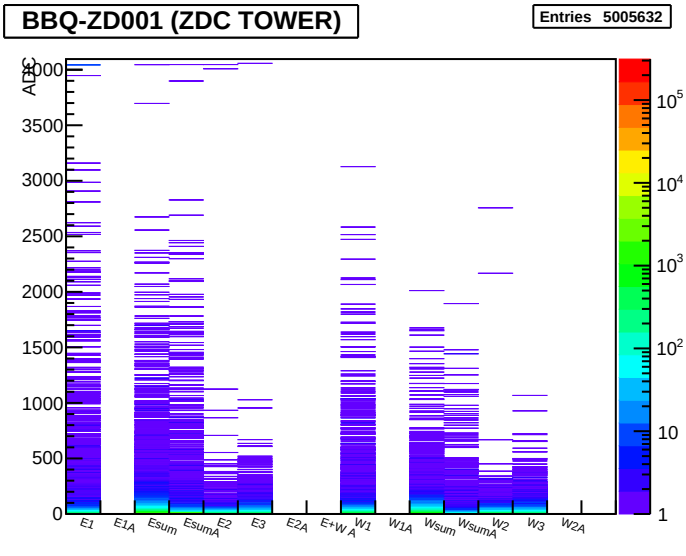

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

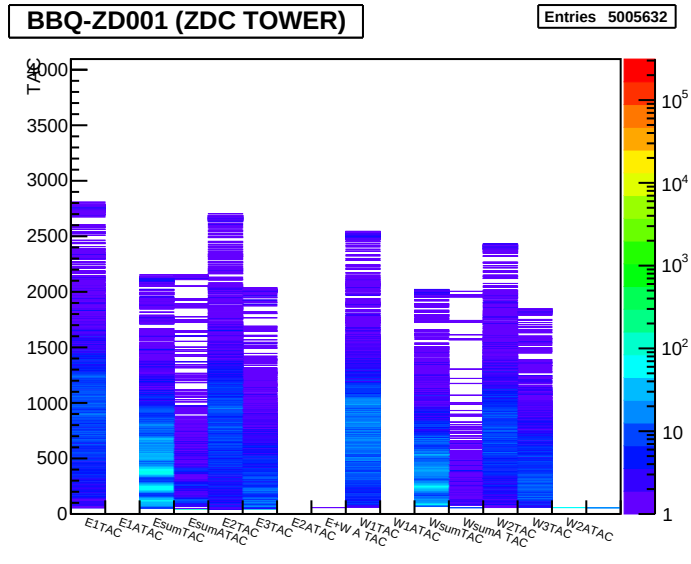

BBQ-BB001 (BBC east small tiles ADC)
Entries 5005632
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

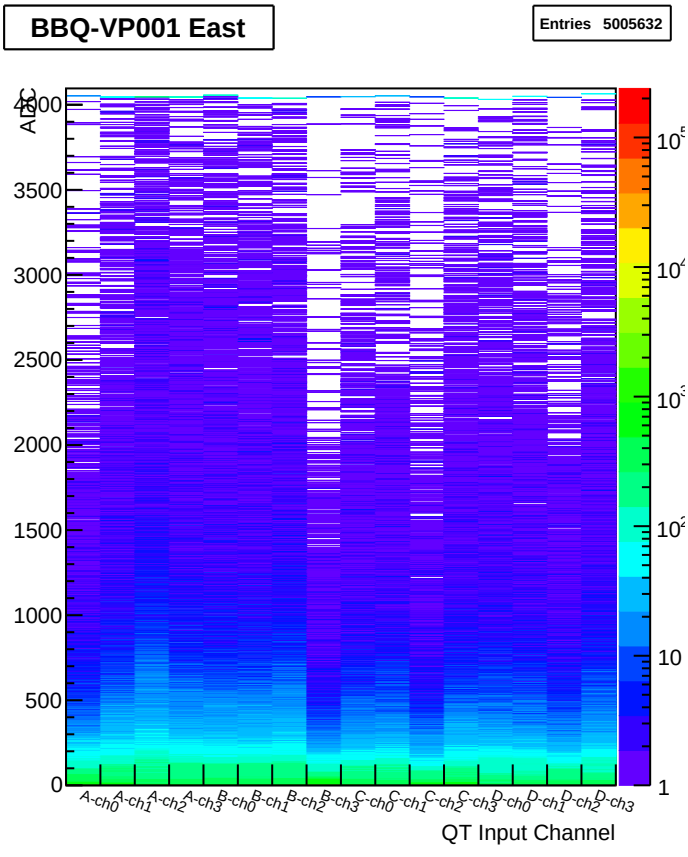

BBQ-BB001 (BBC east small tiles TAC)
Entries 5005632
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

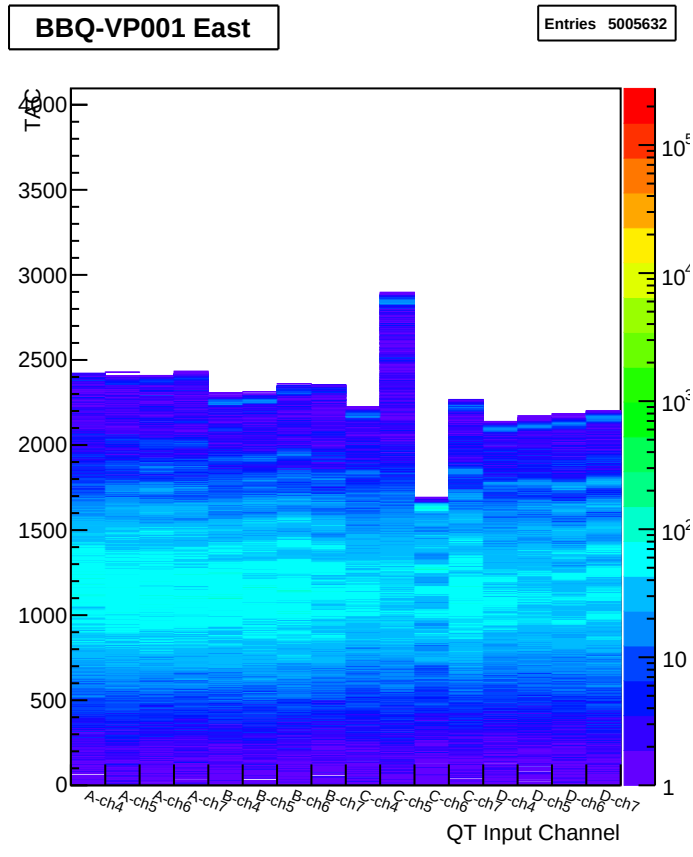

BBQ-BB002 (BBC west small tiles ADC)
Entries 5005632
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

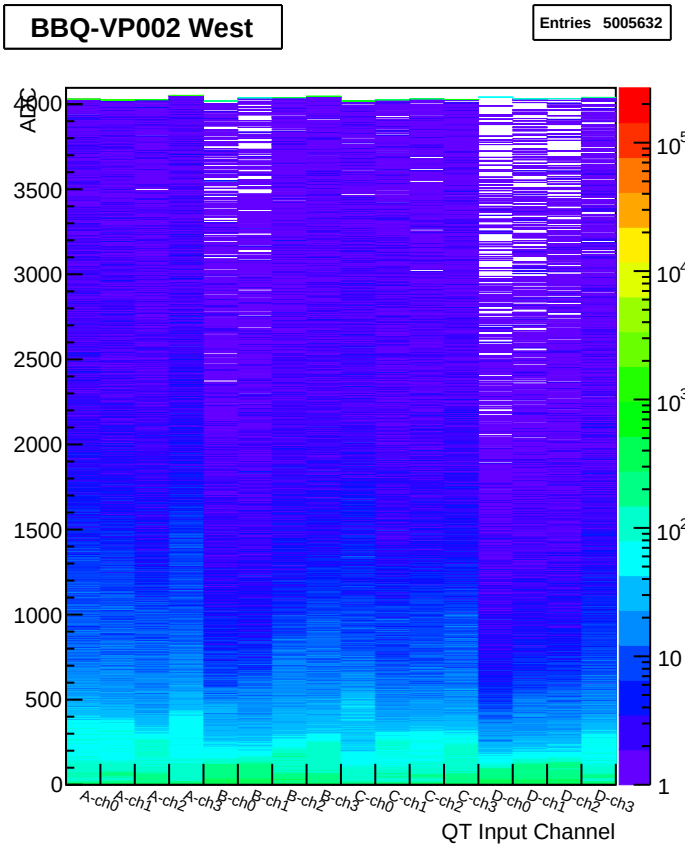

BBQ-BB002 (BBC west small tiles TAC)
Entries 5005632
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

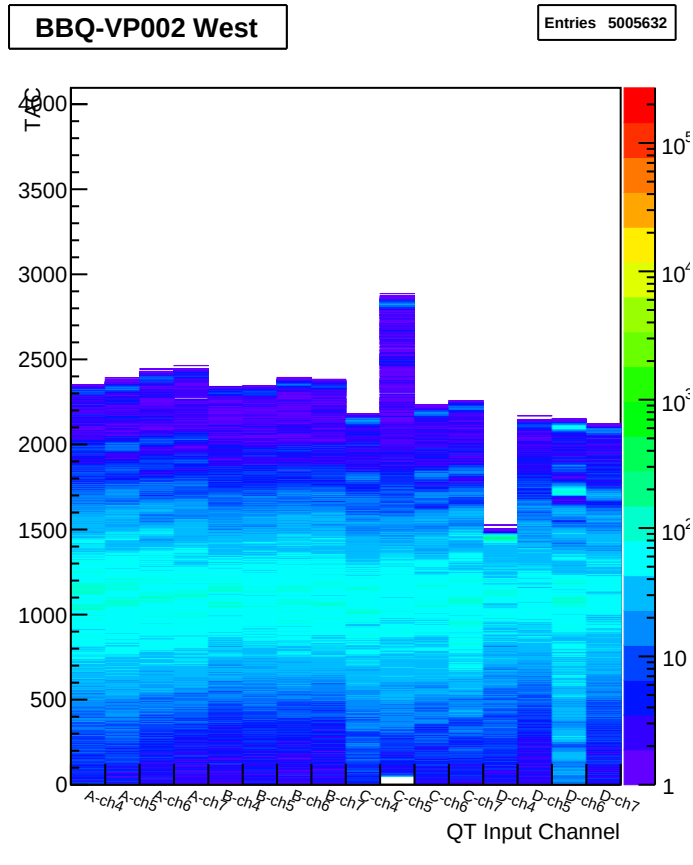

BBQ-ZD001 (ZDC TOWER)
Entries 5005632
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

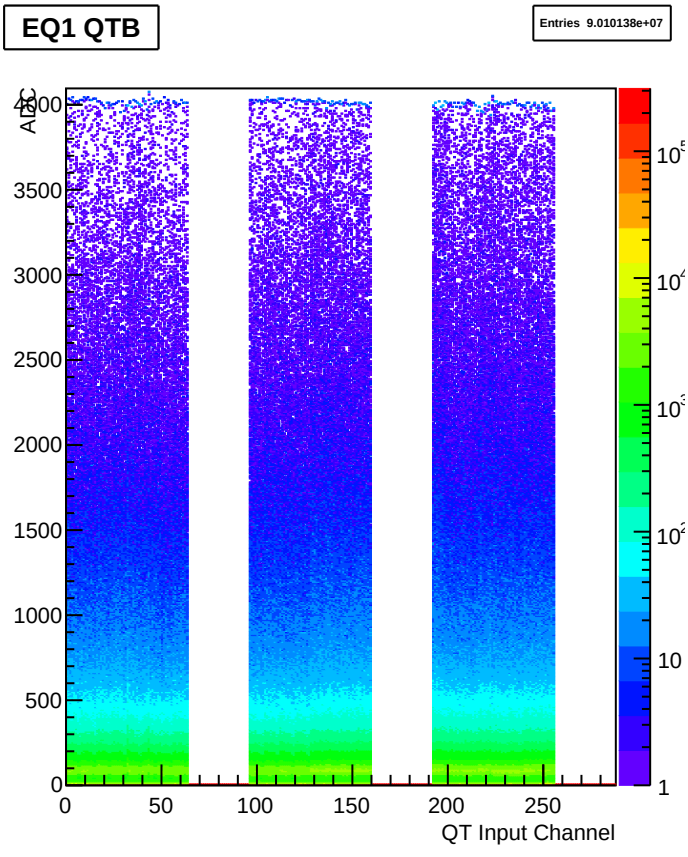

BBQ-ZD001 (ZDC TOWER)
Entries 5005632
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

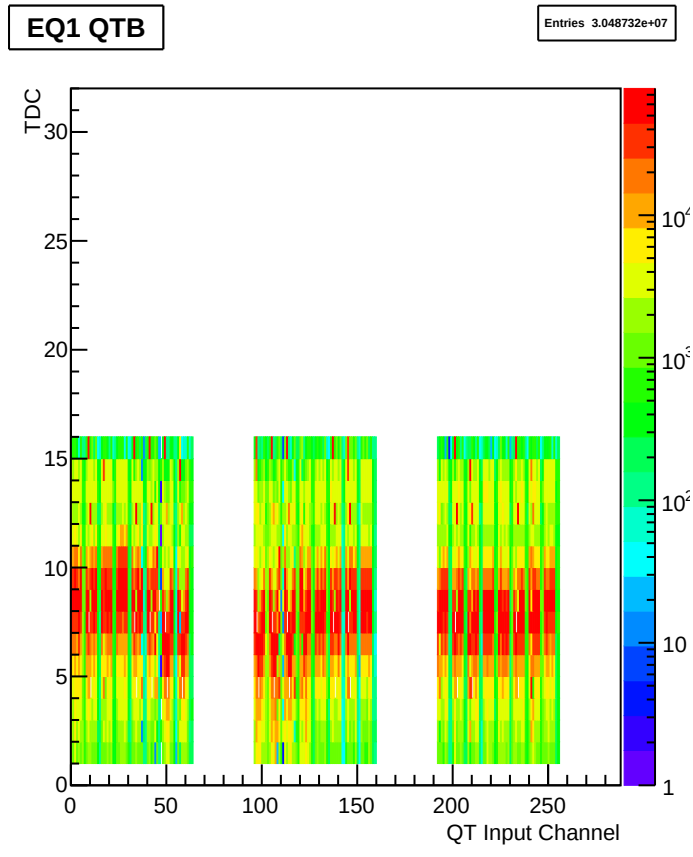

BBQ-VP001 East
Entries 5005632
ADC
QT Input Channel

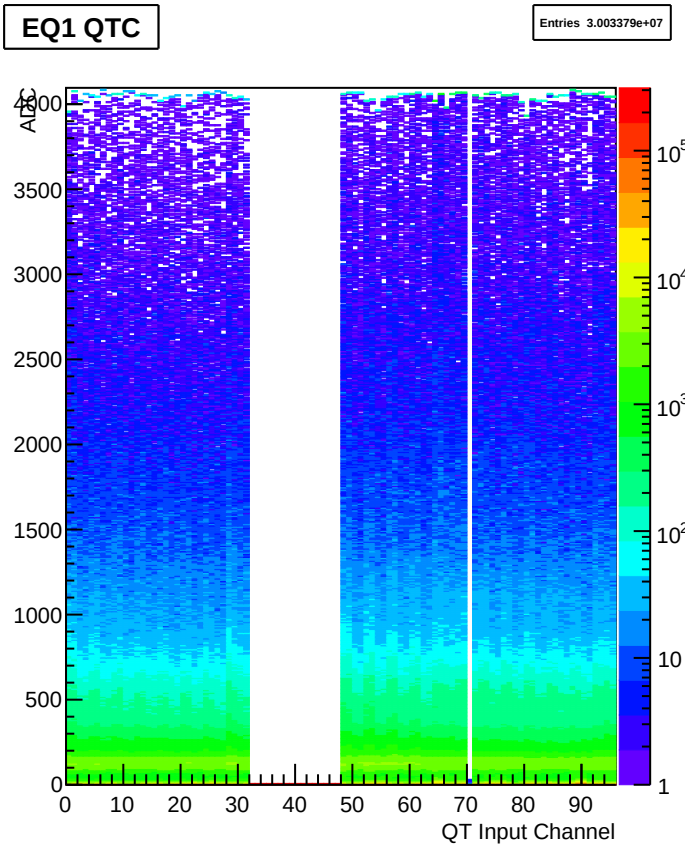

BBQ-VP001 East
Entries 5005632
TADC
QT Input Channel

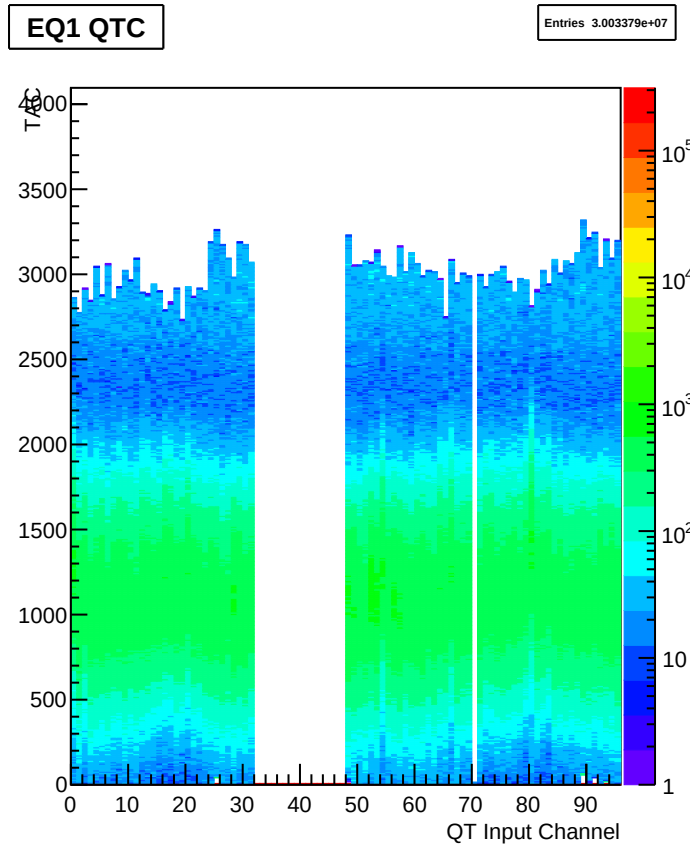

BBQ-VP002 West
Entries 5005632
ADC
QT Input Channel

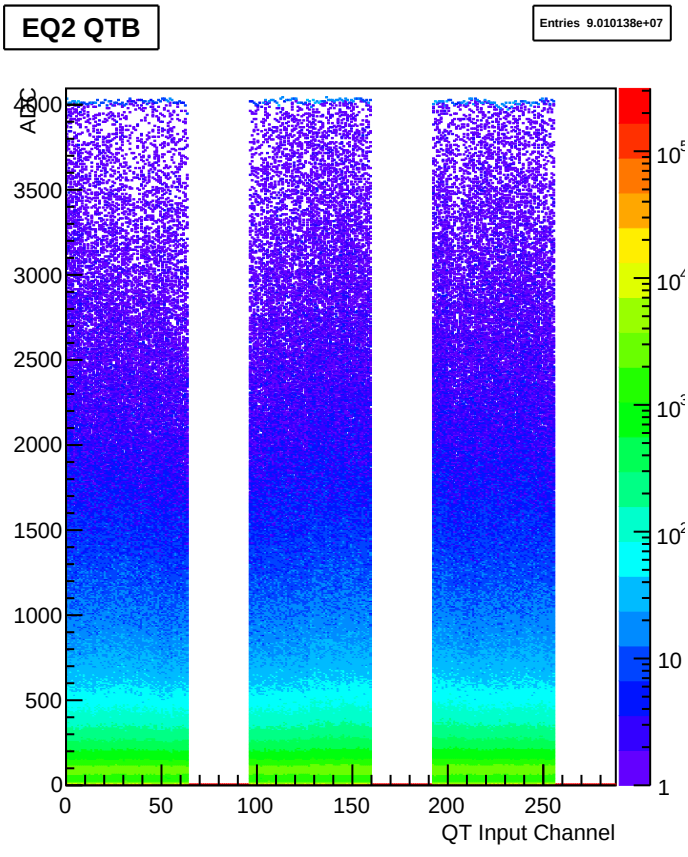

BBQ-VP002 West
Entries 5005632
TADC
QT Input Channel

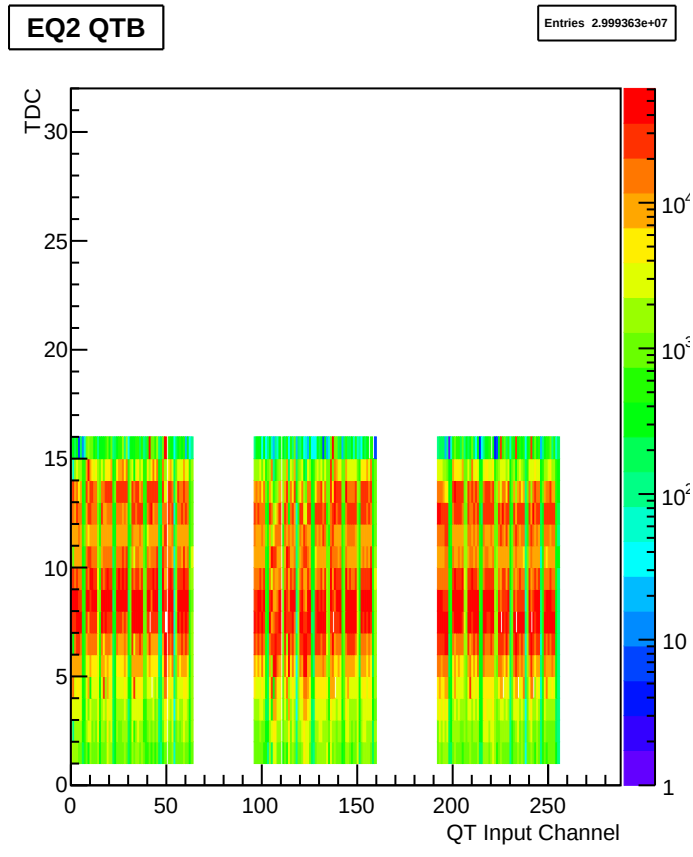

EQ1 QTB
Entries 9.010138e+07
ADC
QT Input Channel

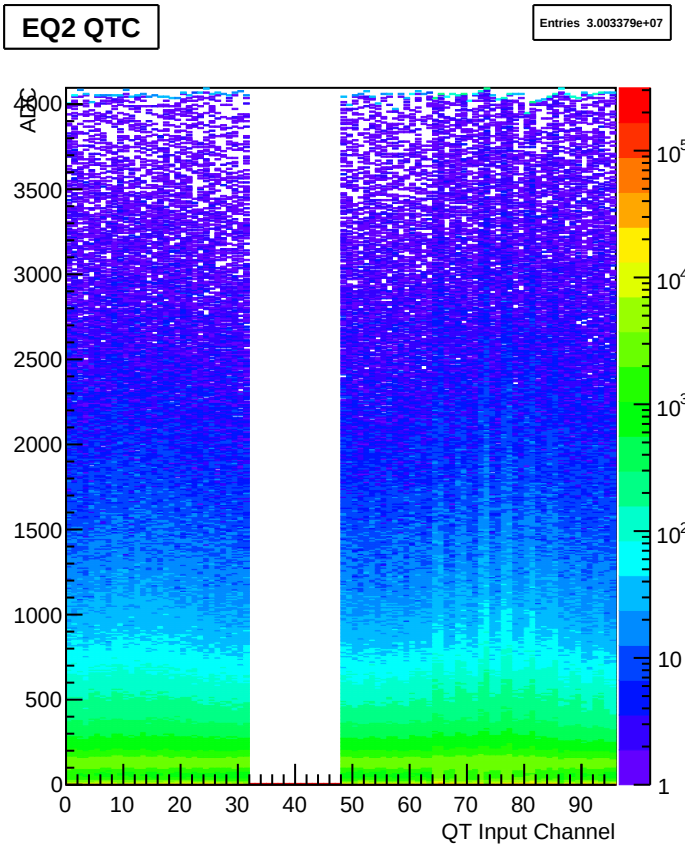

EQ1 QTB
Entries 3.048732e+07
TDC
QT Input Channel

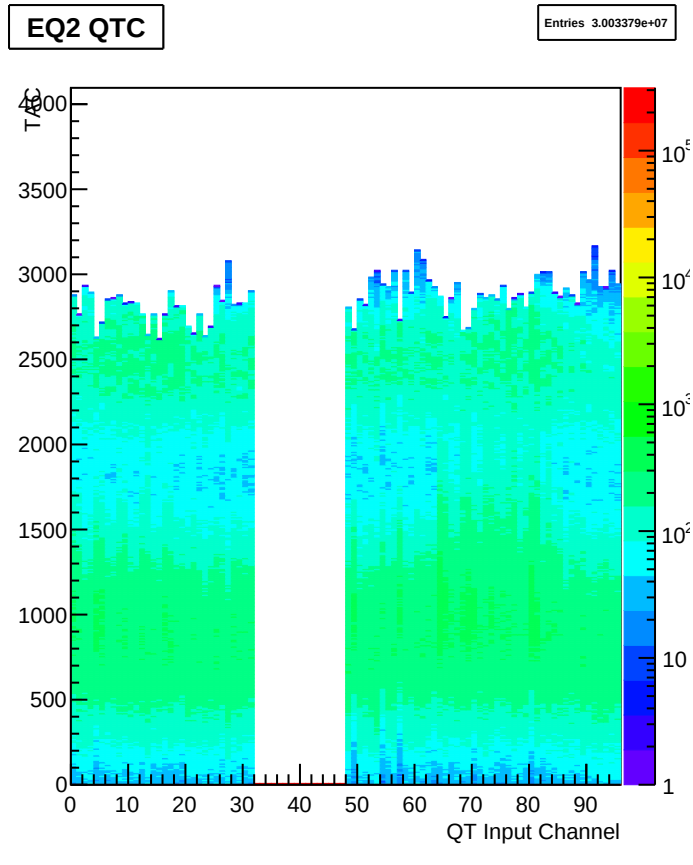

EQ1 QTC
Entries 3.003379e+07
ADC
QT Input Channel

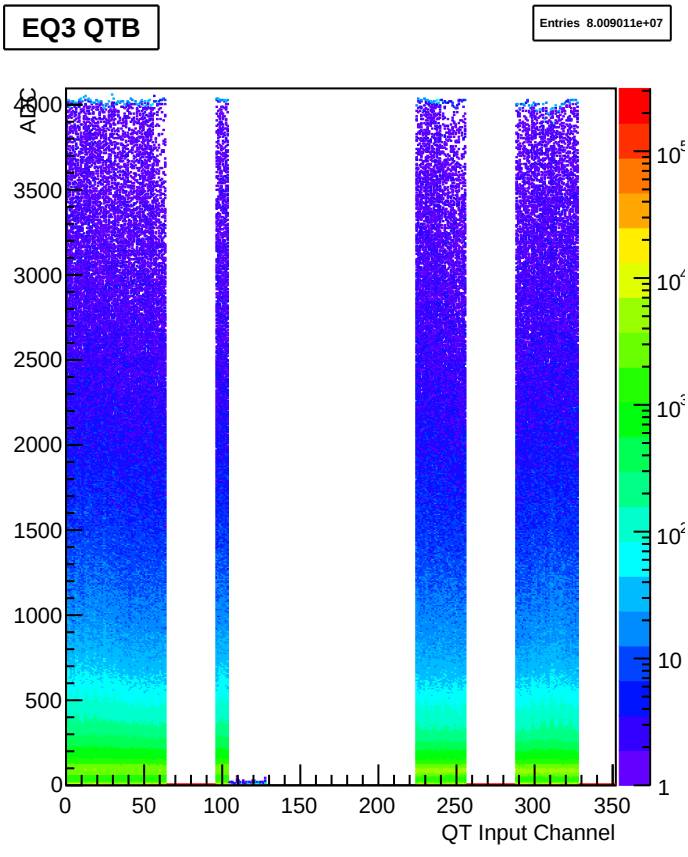

EQ1 QTC
Entries 3.003379e+07
TADC
QT Input Channel

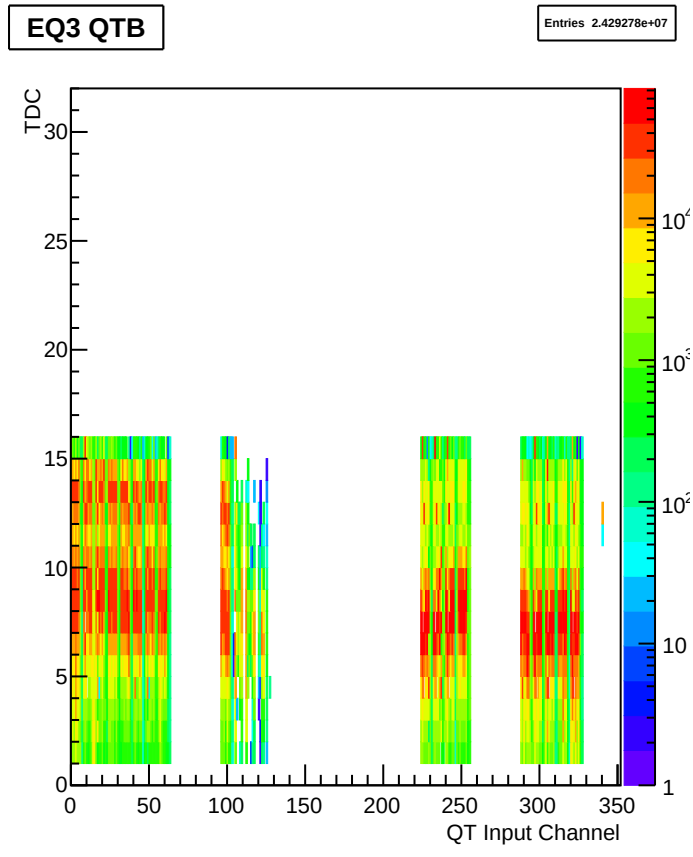

EQ2 QTB
Entries 9.010138e+07
ADC
QT Input Channel

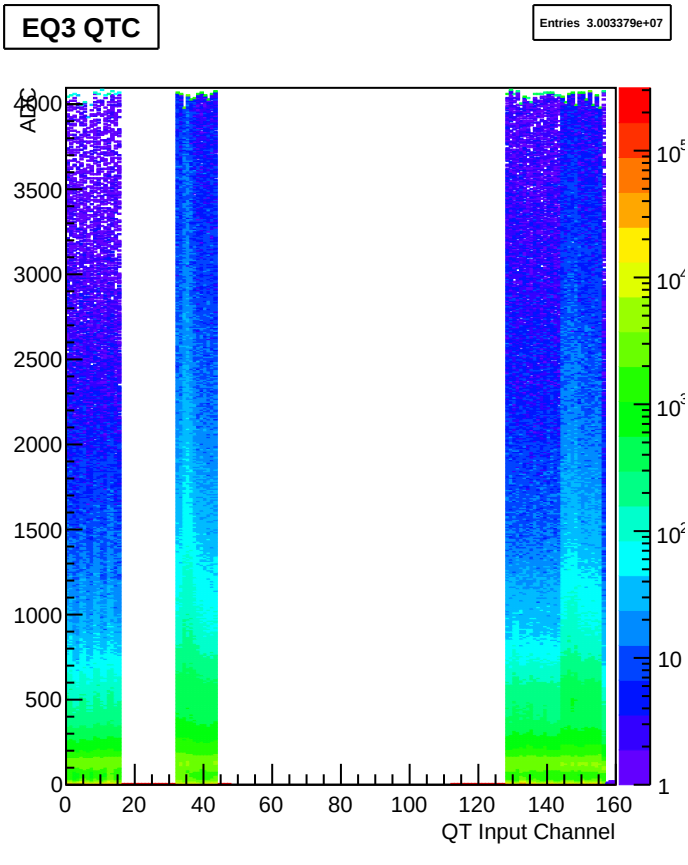

EQ2 QTB
Entries 2.999363e+07
TDC
QT Input Channel

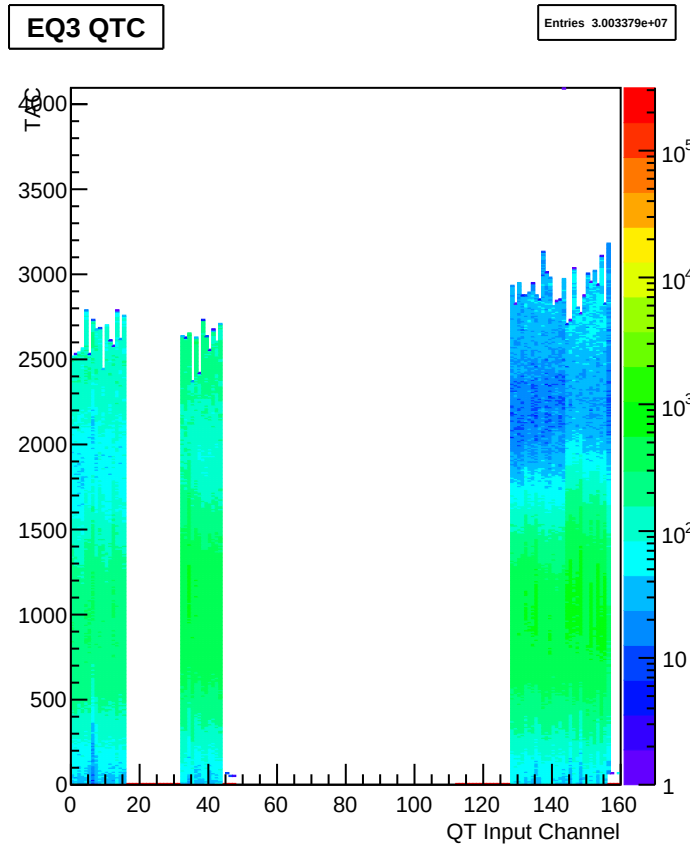

EQ2 QTC
Entries 3.003379e+07
ADC
QT Input Channel

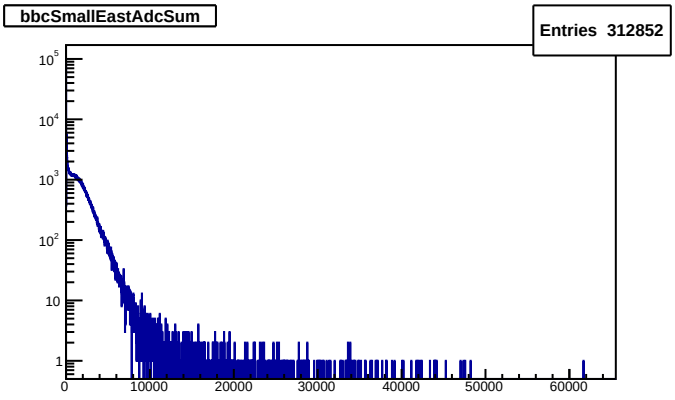

EQ2 QTC
Entries 3.003379e+07
TADC
QT Input Channel

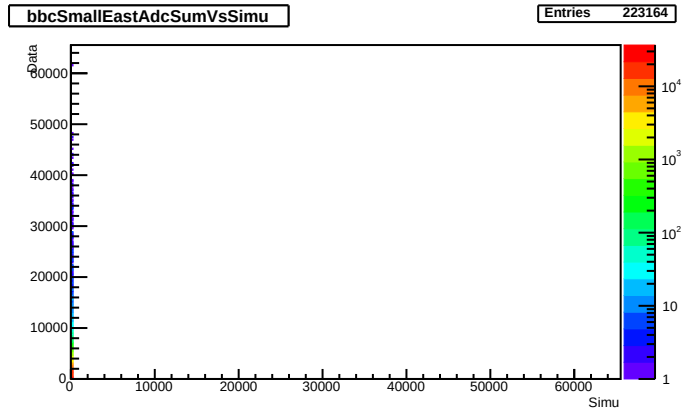

EQ3 QTB
Entries 8.009011e+07
ADC
QT Input Channel

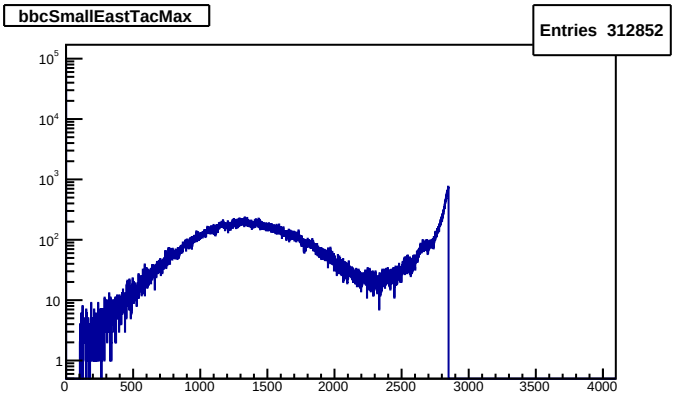

EQ3 QTB
Entries 2.429278e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.003379e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.003379e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 312852


bbcSmallEastAdcSumVsSimu
Entries 223164
Data
Simu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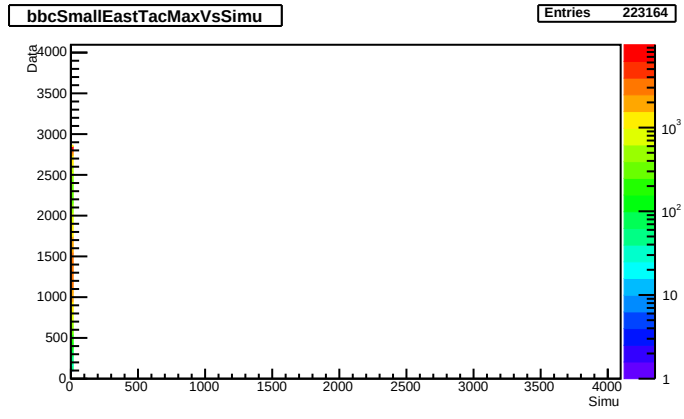
Entries 312852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Data
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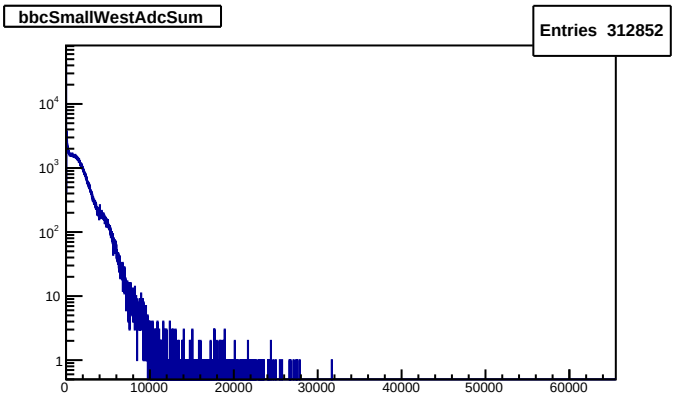
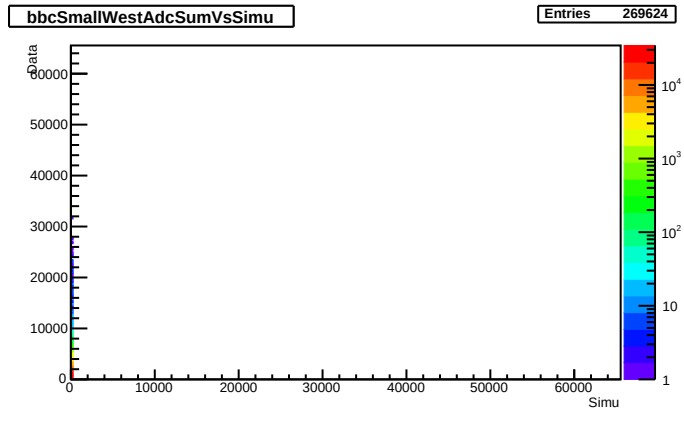
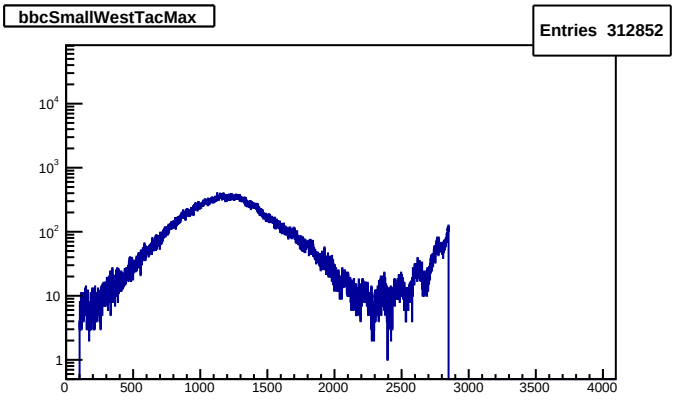

bbcSmallWestAdcSum
Entries 312852


bbcSmallWestAdcSumVsSimu
Entries 269624
Data
Simu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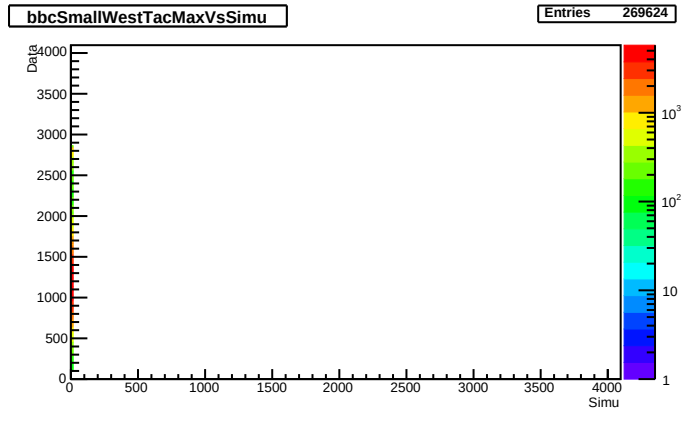
Entries 312852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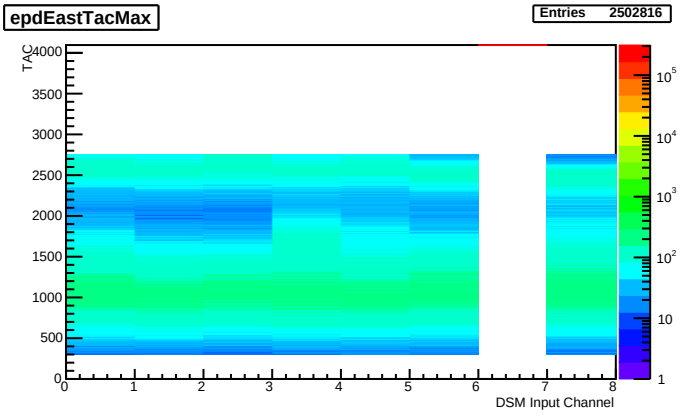
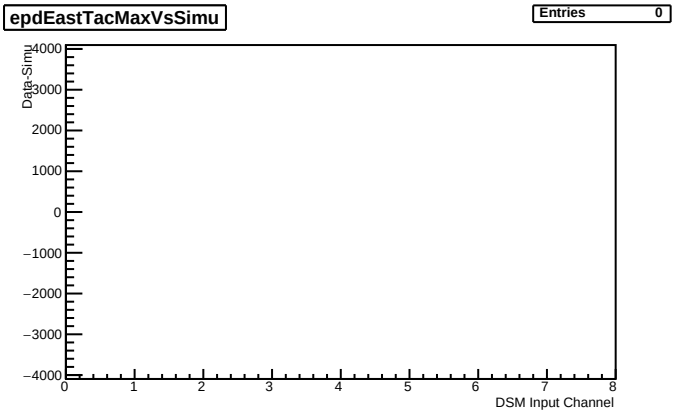
Entries 269624
Data
Simu


epdEastTacMax
Entries 2502816
TAC
DSM Input Channel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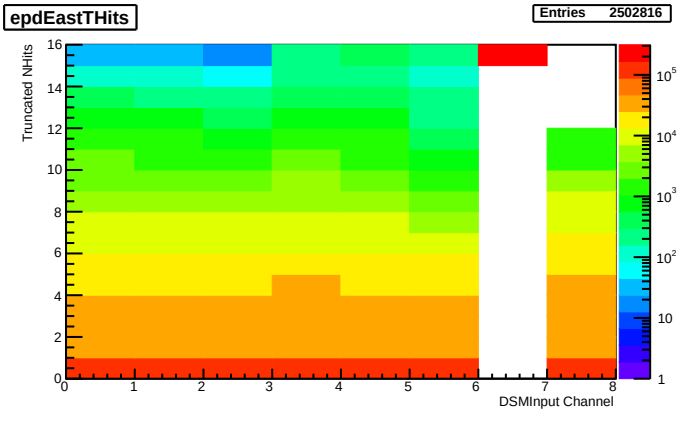
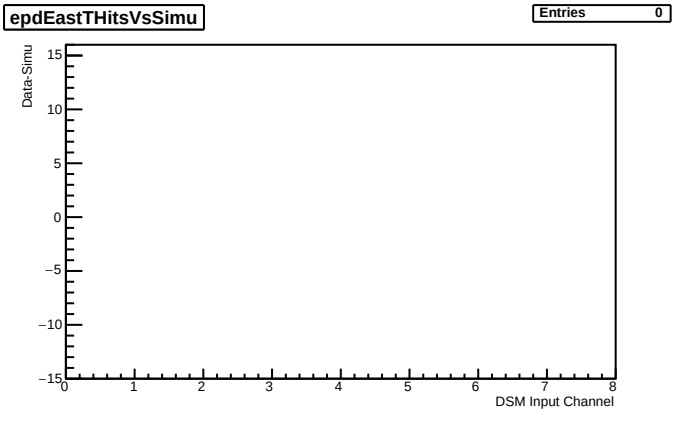
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2502816
Truncated NHits
DSMInput Channel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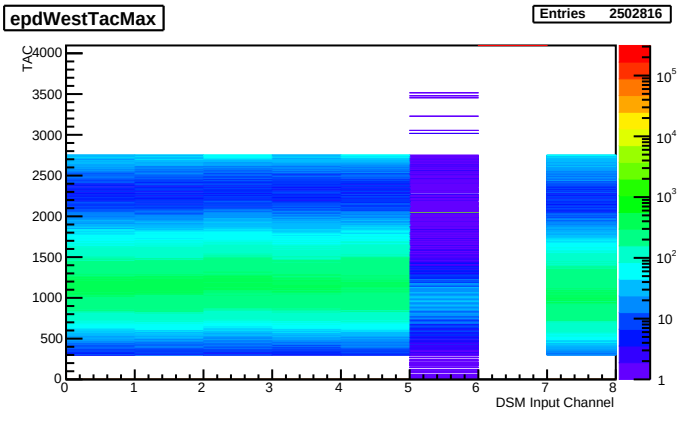
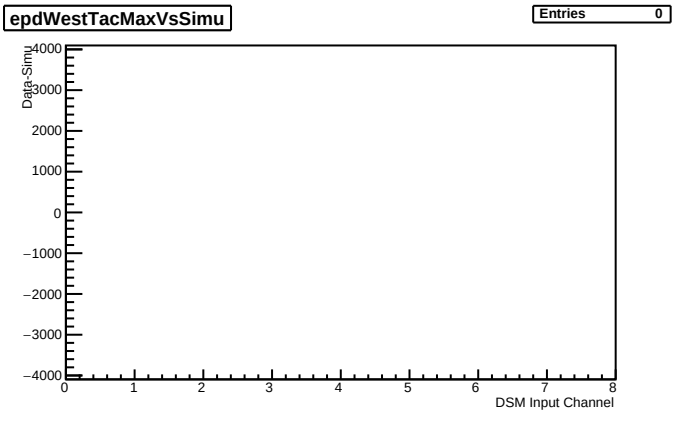
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2502816
TAC
DSM Input Channel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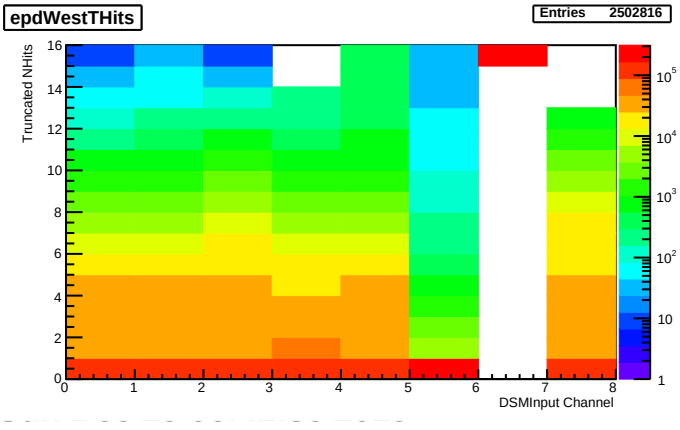
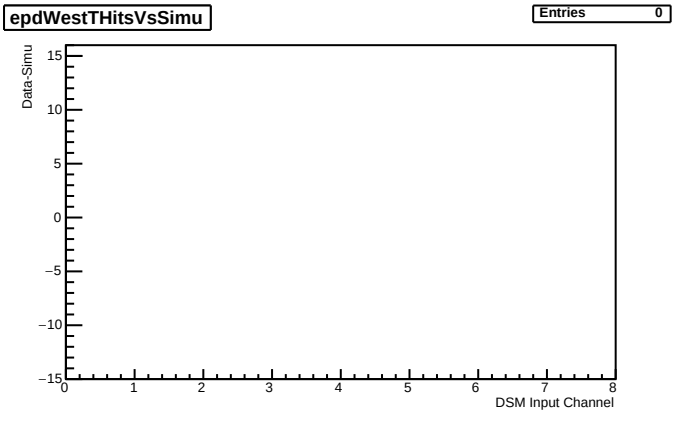
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2502816
Truncated NHits
DSMInput Channel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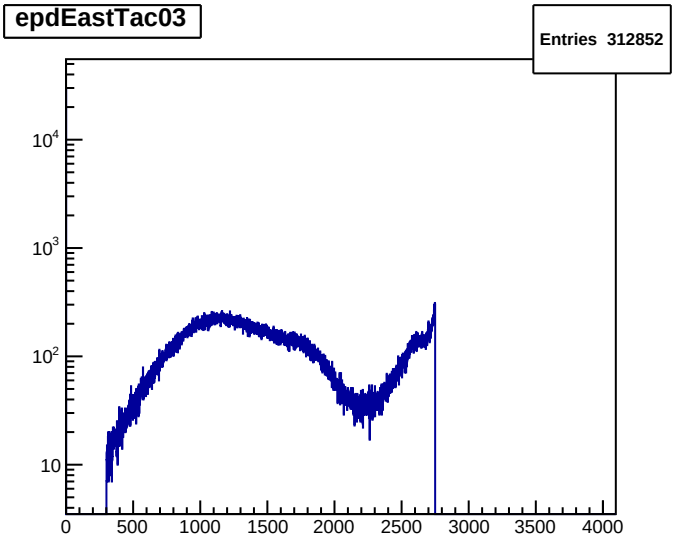
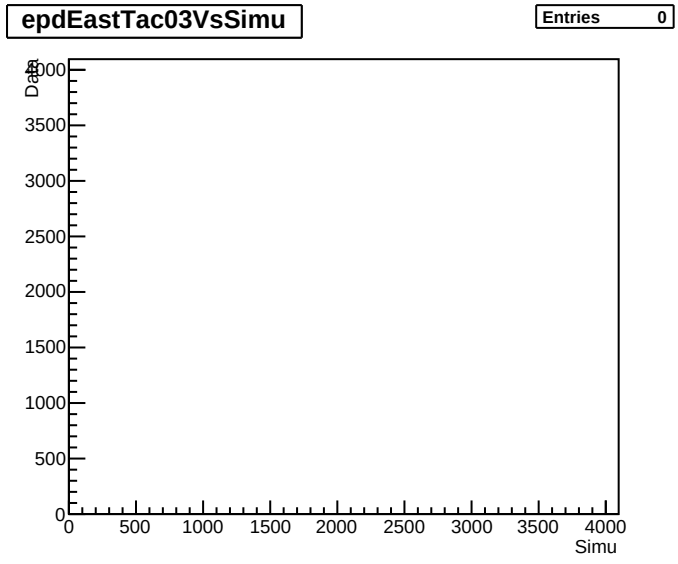
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 312852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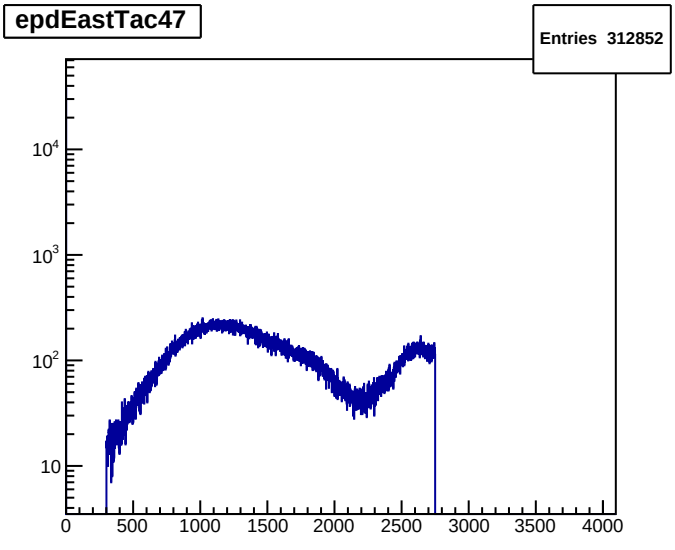
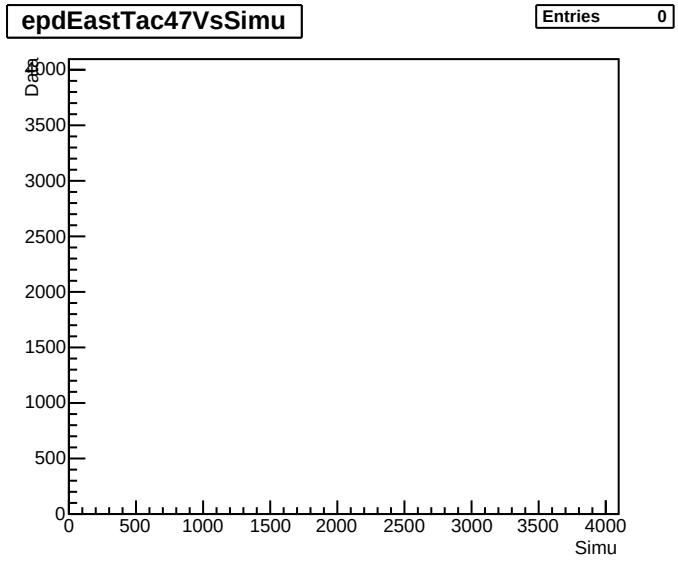
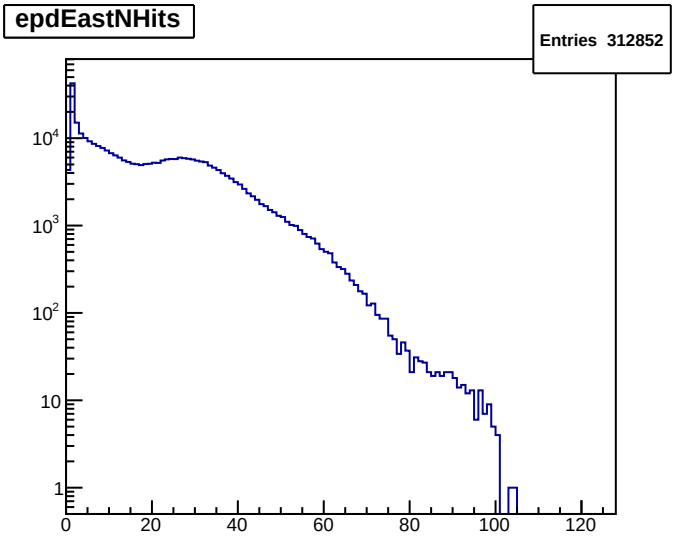
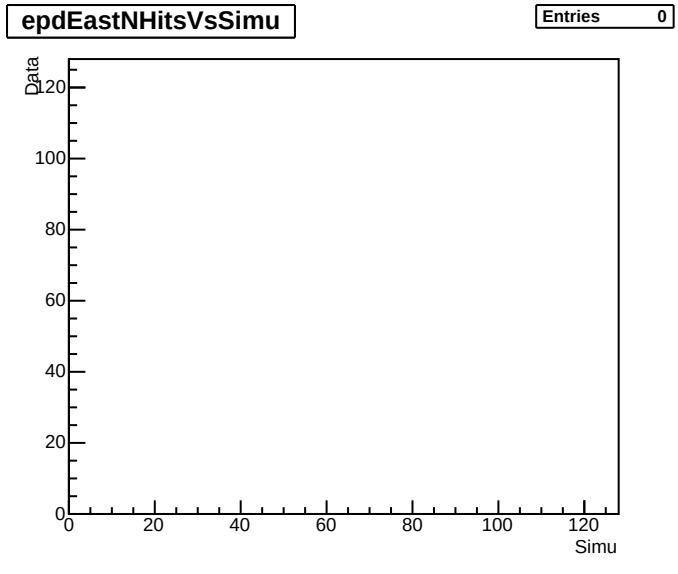
Entries 0
Data
Simu


epdEastTac47
Entries 312852


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 312852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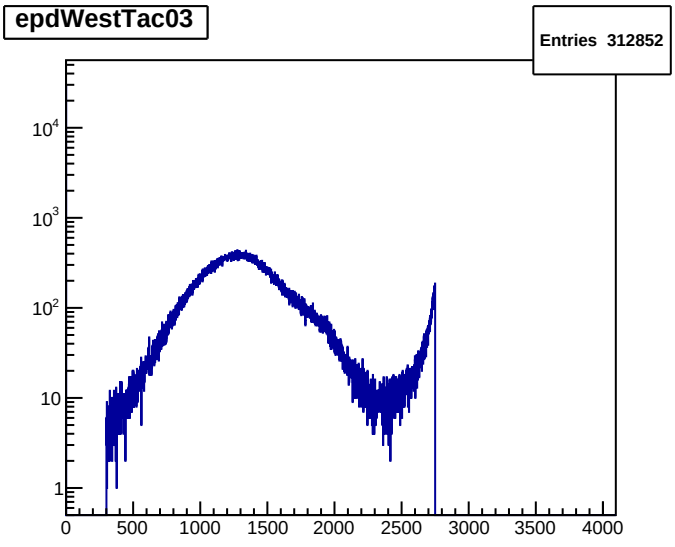
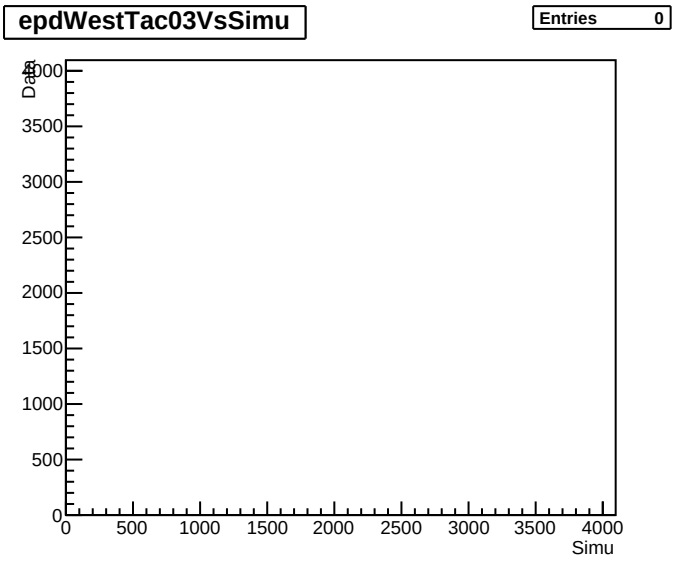
Entries 0
Data
Simu


epdWestTac03
Entries 312852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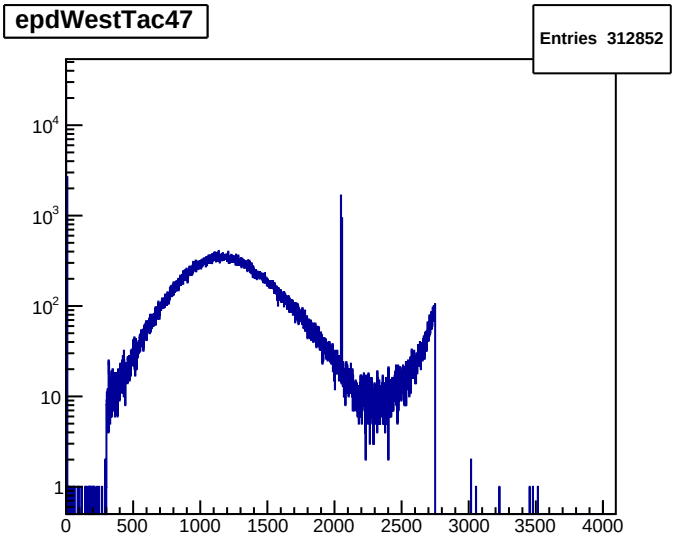
Entries 0
Data
Simu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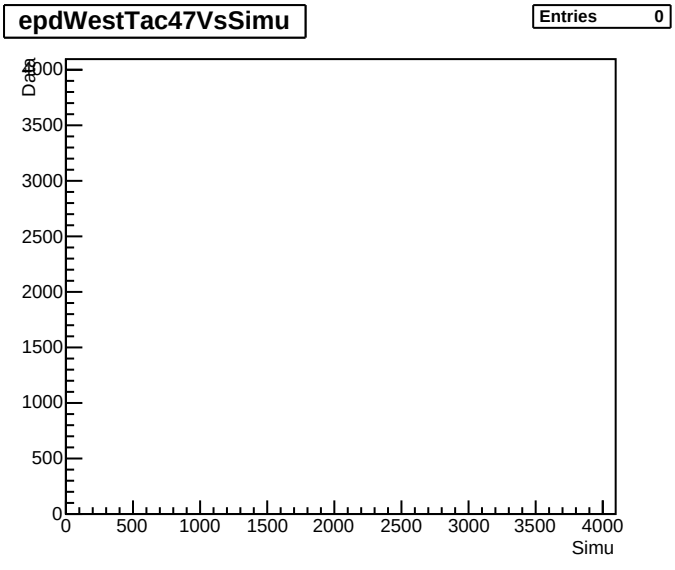
Entries 312852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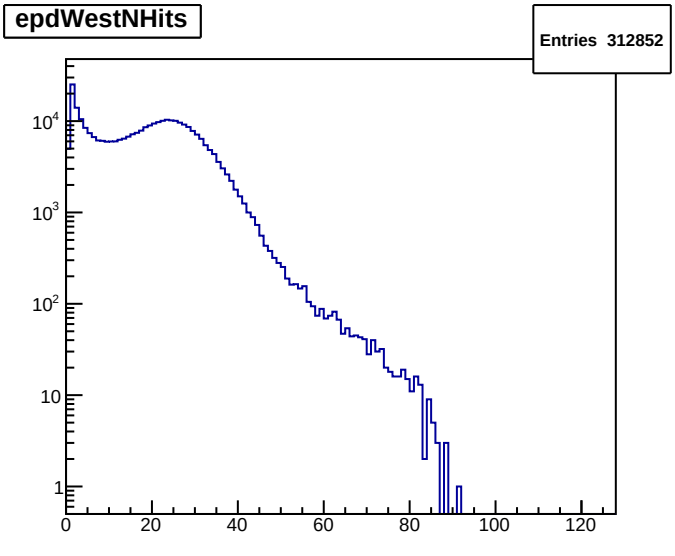
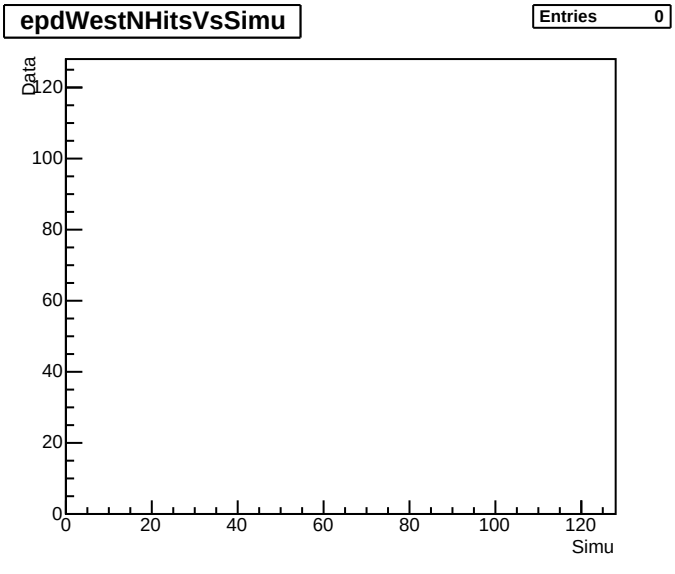
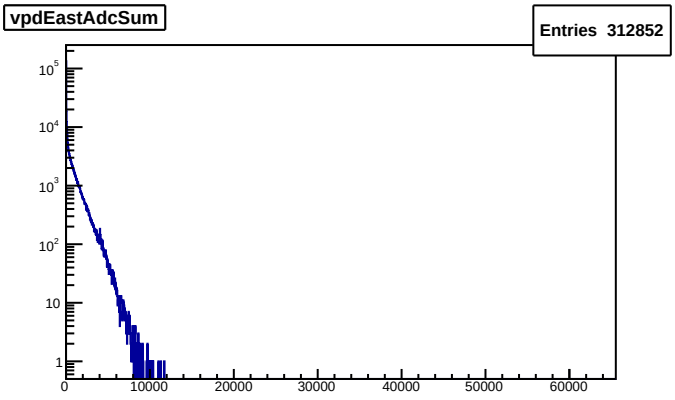
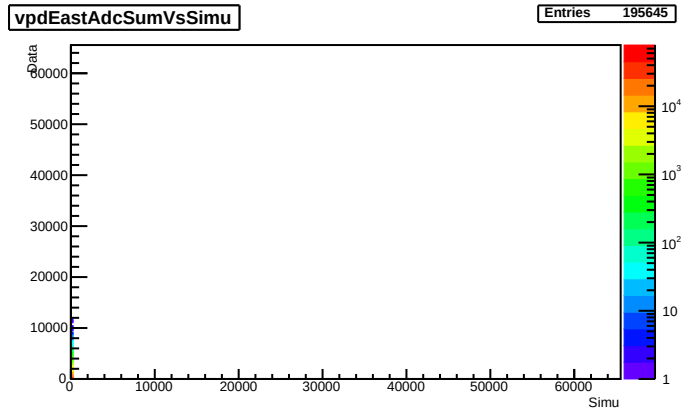
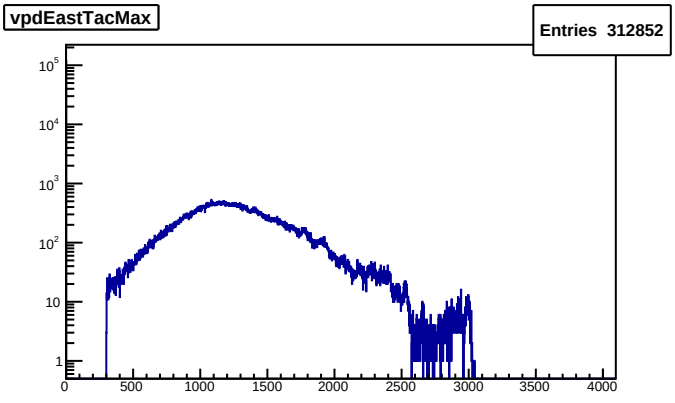
Entries 0
Data
Simu

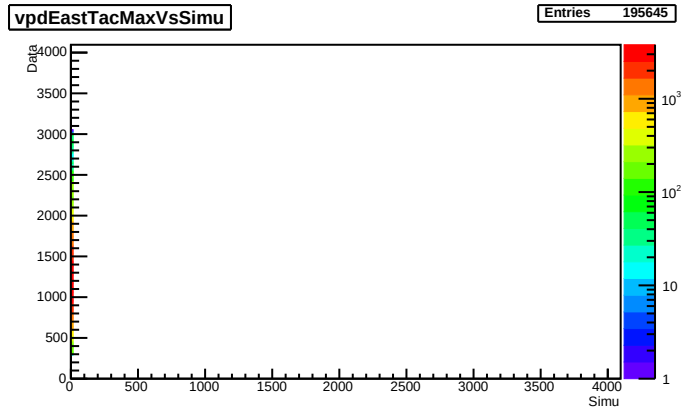

epdWestNHits
Entries 312852


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 312852


vpdEastAdcSumVsSimu
Entries 195645
Data
Simu


vpdEastTacMax
Entries 312852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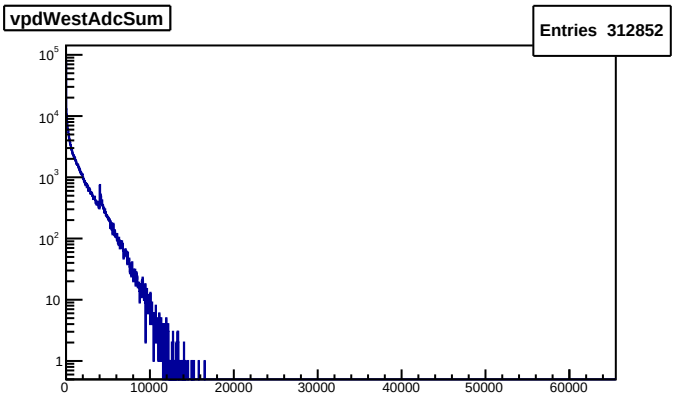
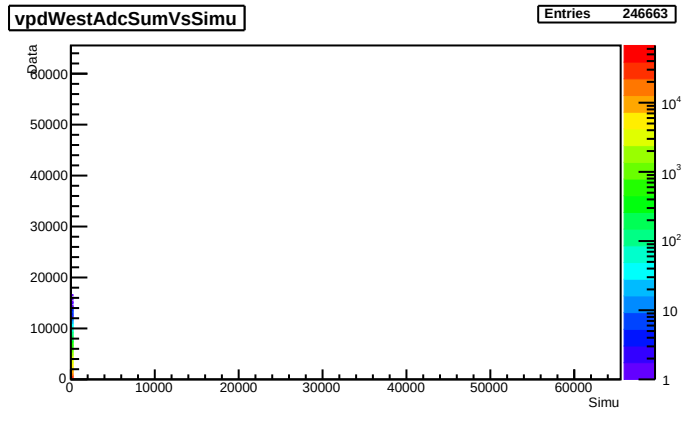
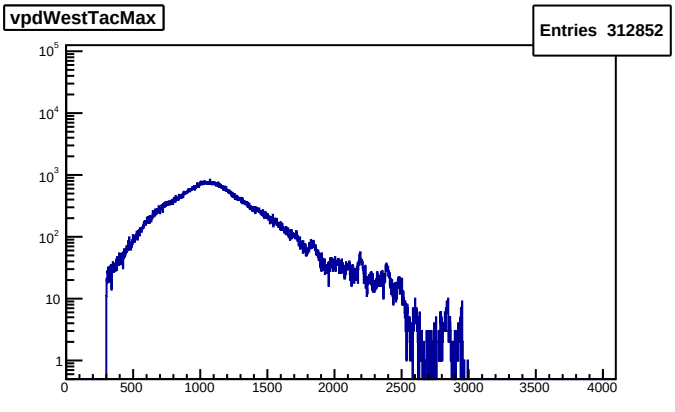
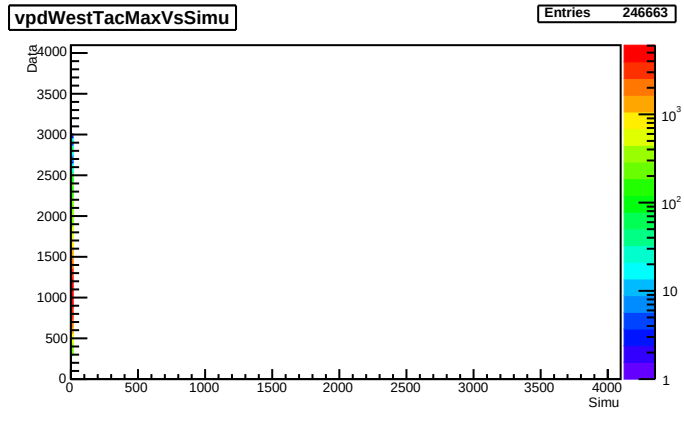
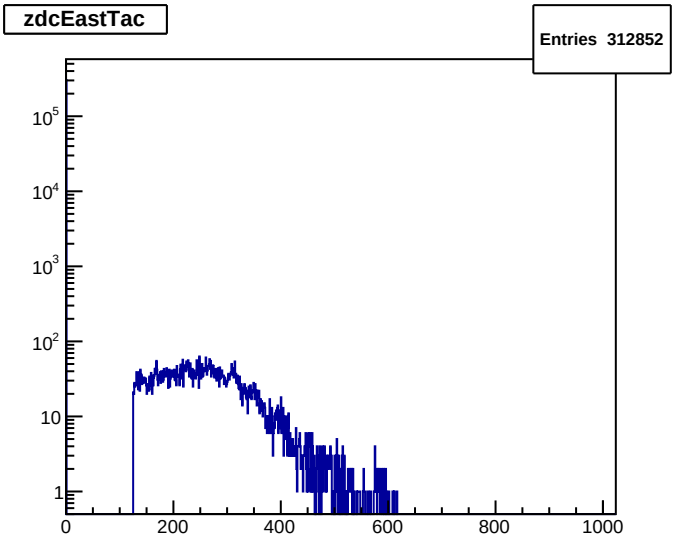
Entries 195645
Data
Simu

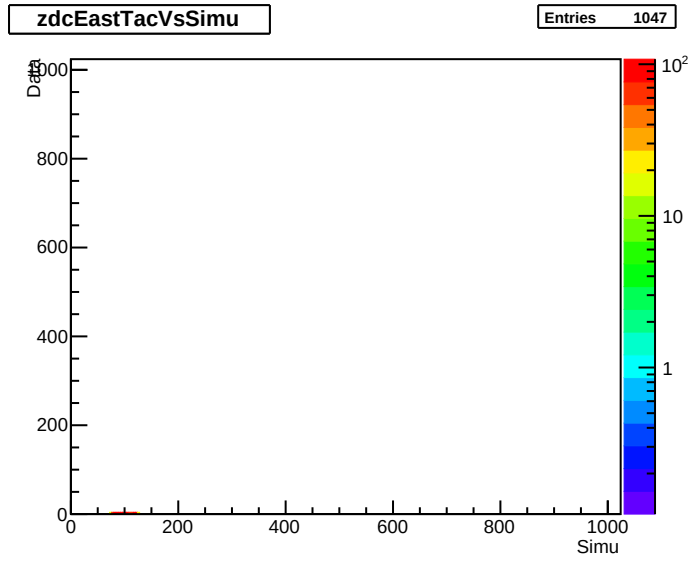

vpdWestAdcSum
Entries 312852

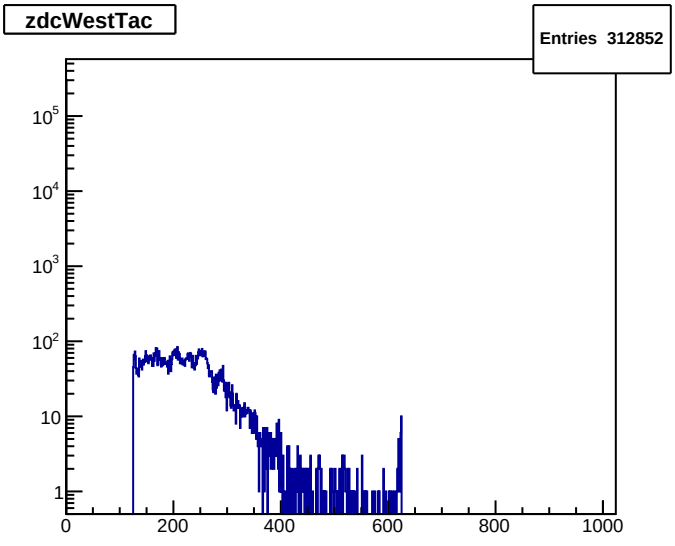

vpdWestAdcSumVsSimu
Entries 246663
Data
Simu

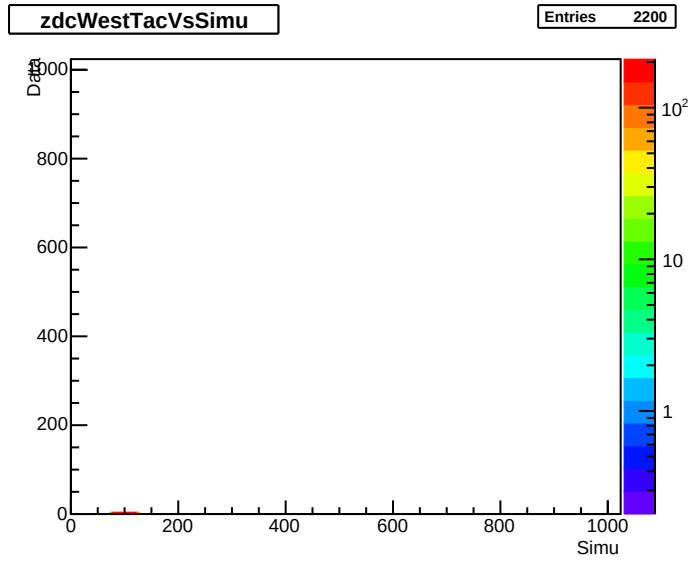

vpdWestTacMax
Entries 312852

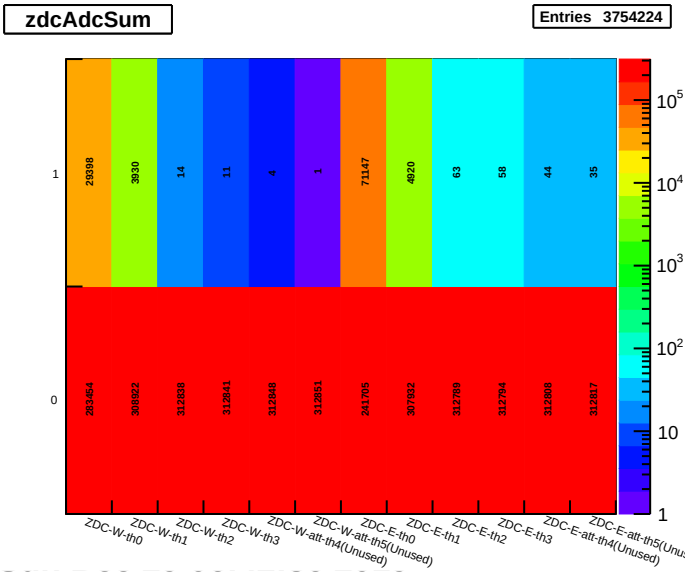

vpdWestTacMaxVsSimu
Entries 246663
Data
Simu

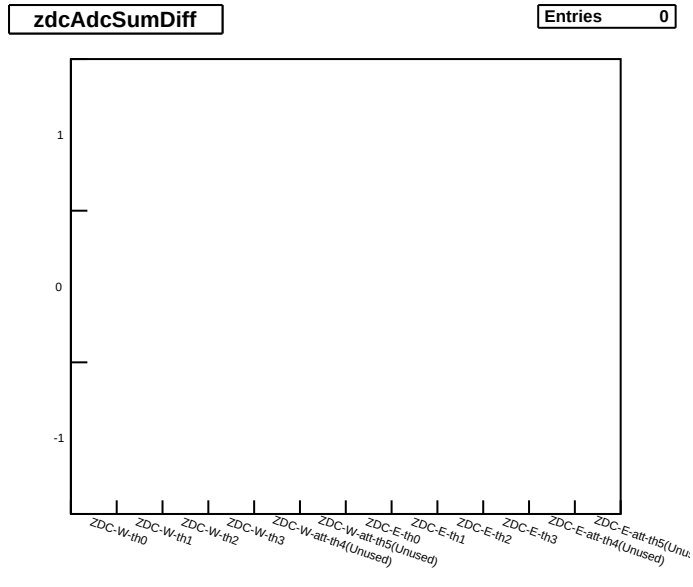

zdcEastTac
Entries 312852

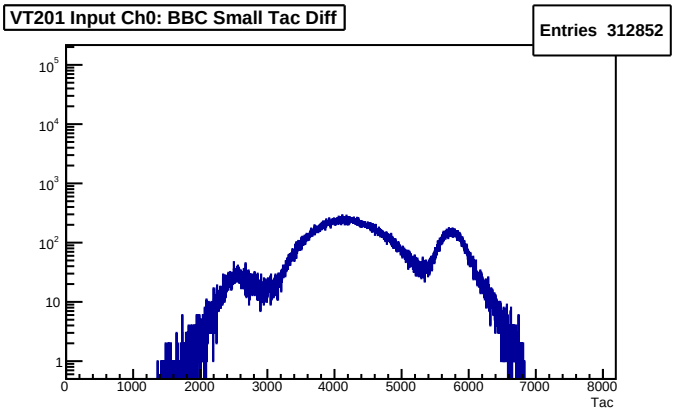

zdcEastTacVsSimu
Entries 1047
Data
Simu

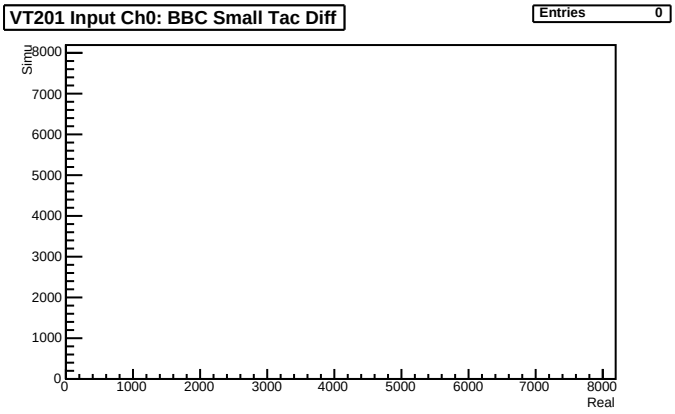

zdcWestTac
Entries 312852

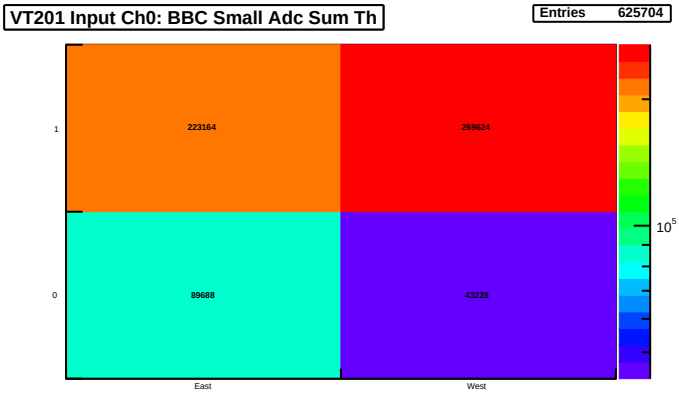

zdcWestTacVsSimu
Entries 2200
Data
Simu

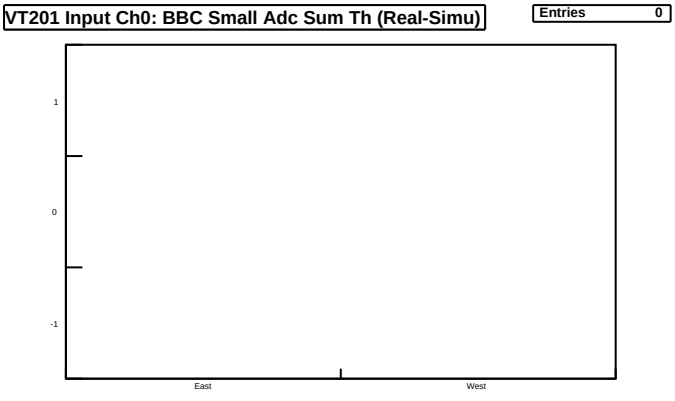

zdcAdcSum
Entries 3754224
29398
3930
14
11
4
1
71147
4920
63
58
44
35
283454
308922
312838
312841
312848
312851
241705
307832
312789
312794
312808
312817
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

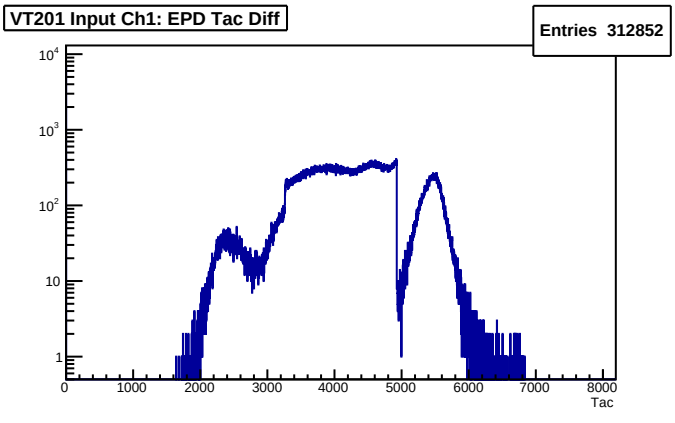

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

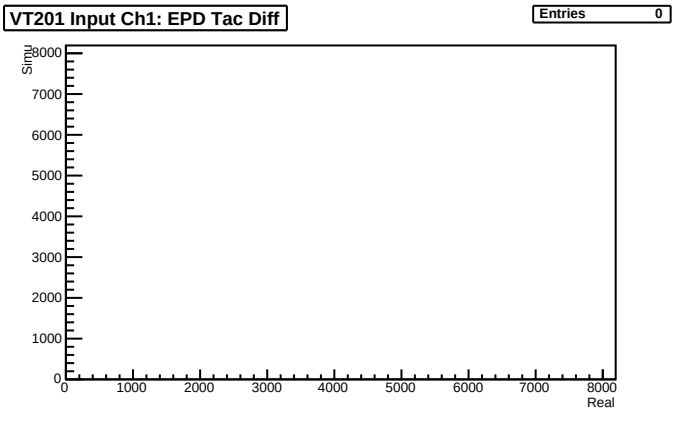

VT201 Input Ch0: BBC Small Tac Diff
Entries 312852
Tac

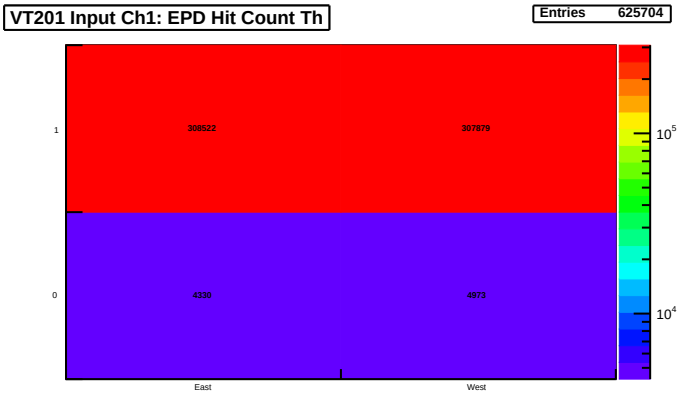

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

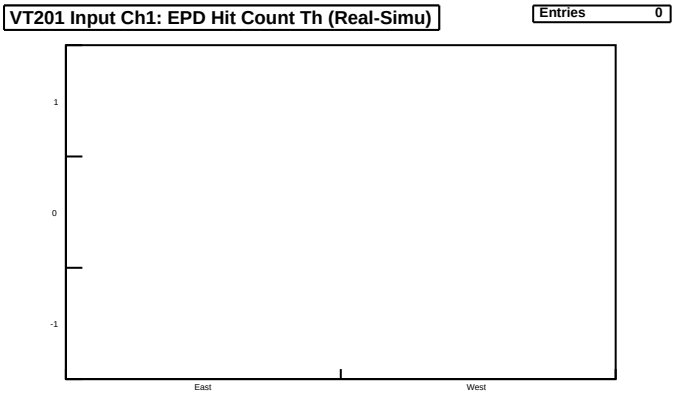

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 625704
223164
269624
89688
43228
East
West

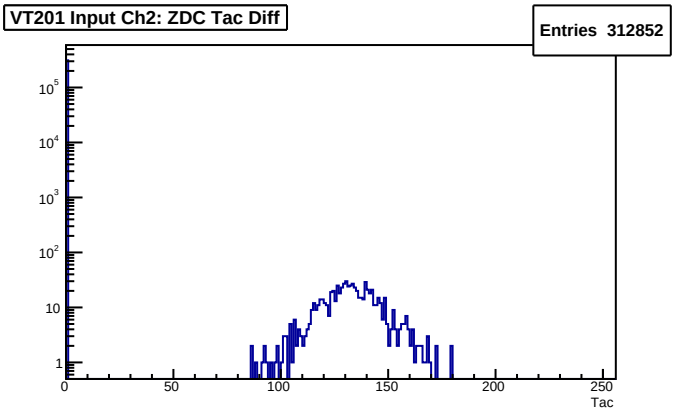

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

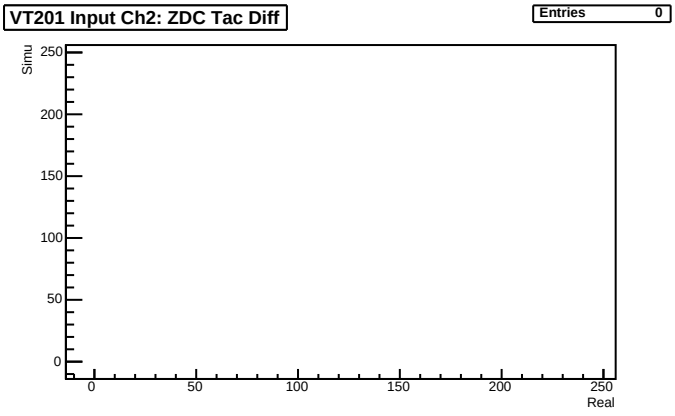

VT201 Input Ch1: EPD Tac Diff
Entries 312852
Tac

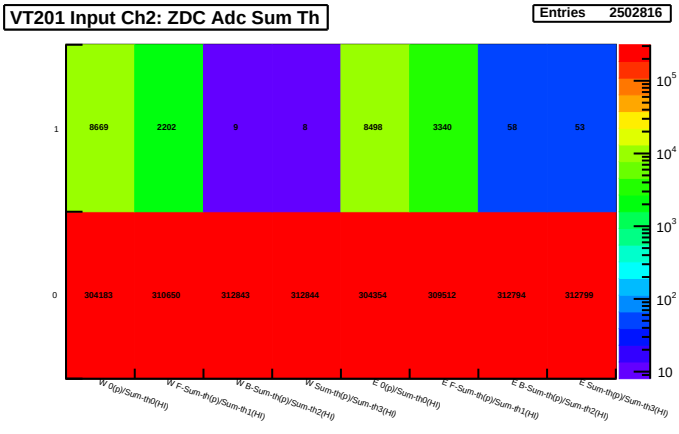

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

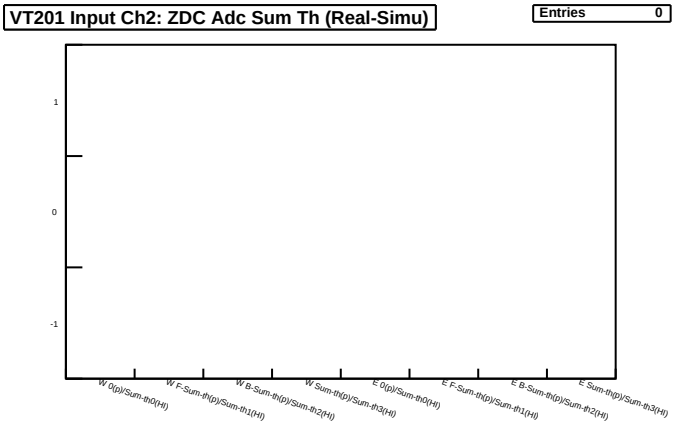

VT201 Input Ch1: EPD Hit Count Th
Entries 625704
308522
307879
4330
4973
East
West

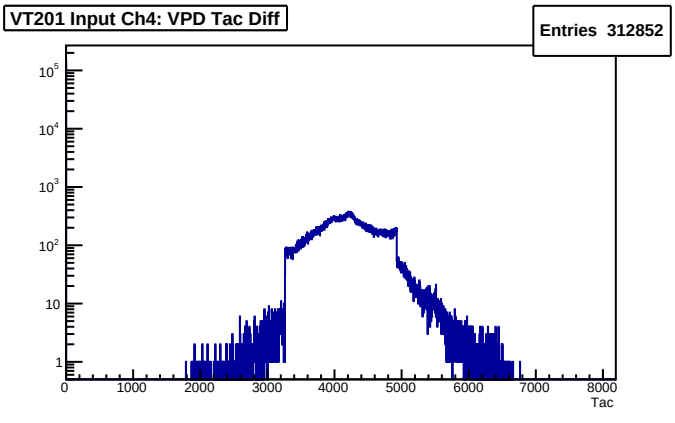

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

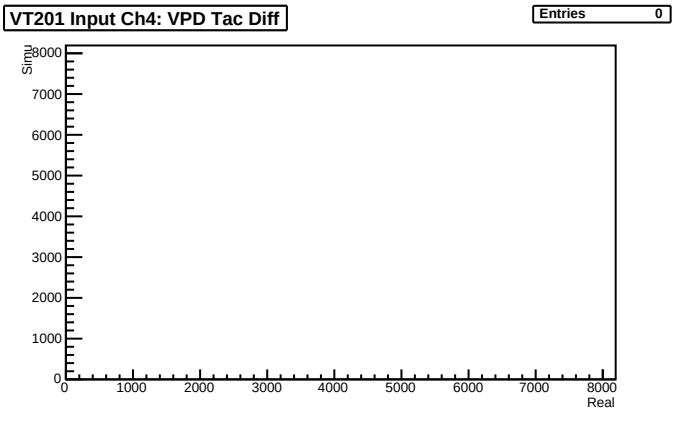

VT201 Input Ch2: ZDC Tac Diff
Entries 312852
Tac

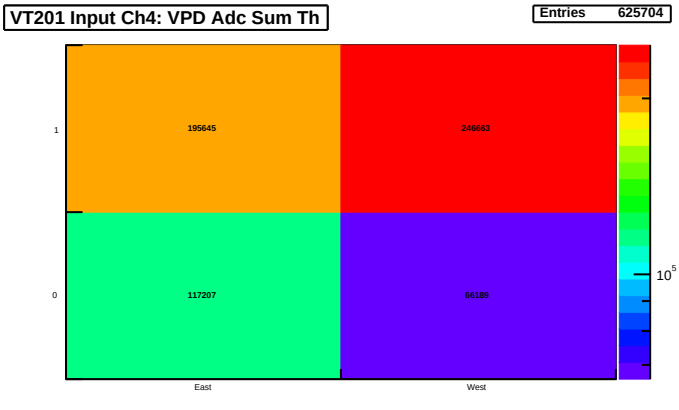

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

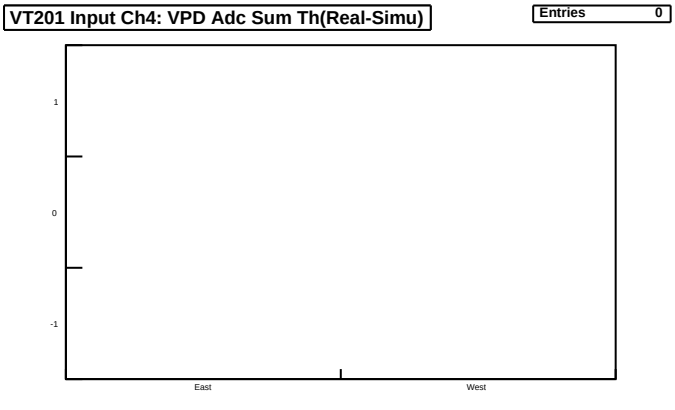

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2502816
8669
2202
9
8
8498
3340
58
53
304183
310650
312843
312844
304354
309512
312794
312799
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

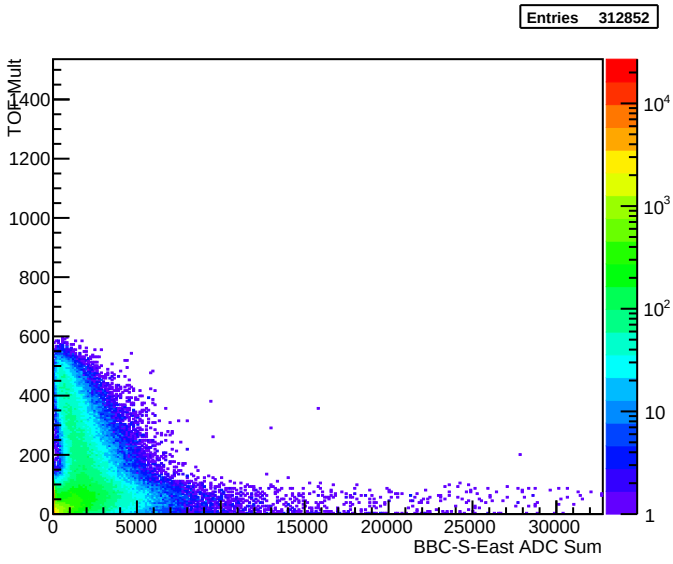

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

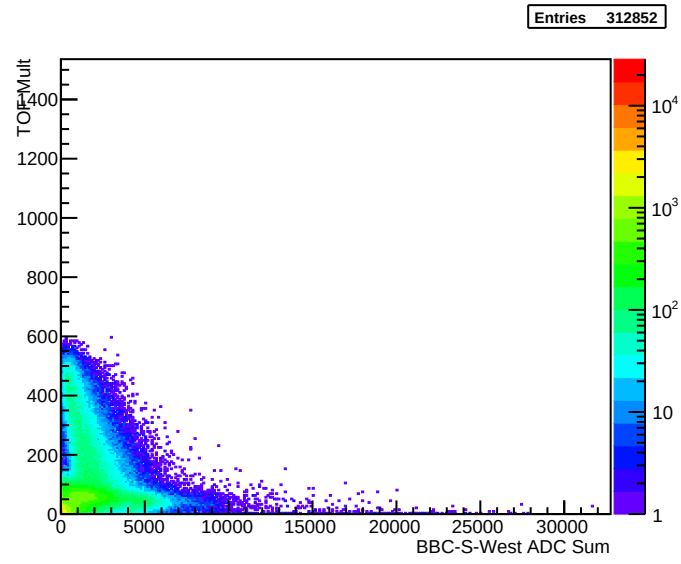

VT201 Input Ch4: VPD Tac Diff
Entries 312852
Tac

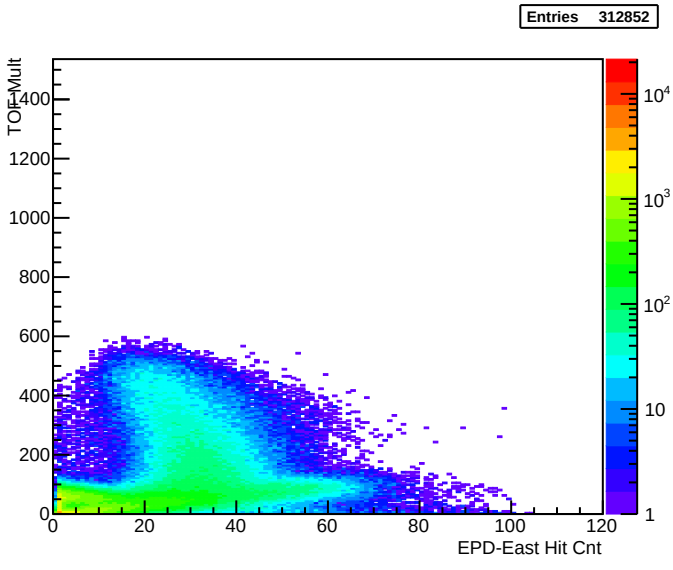

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

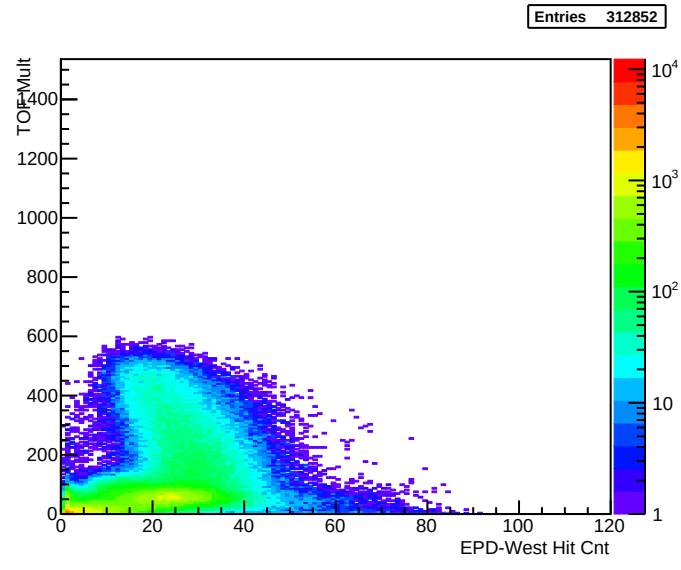

VT201 Input Ch4: VPD Adc Sum Th
Entries 625704
195645
240663
117207
66189
East
West

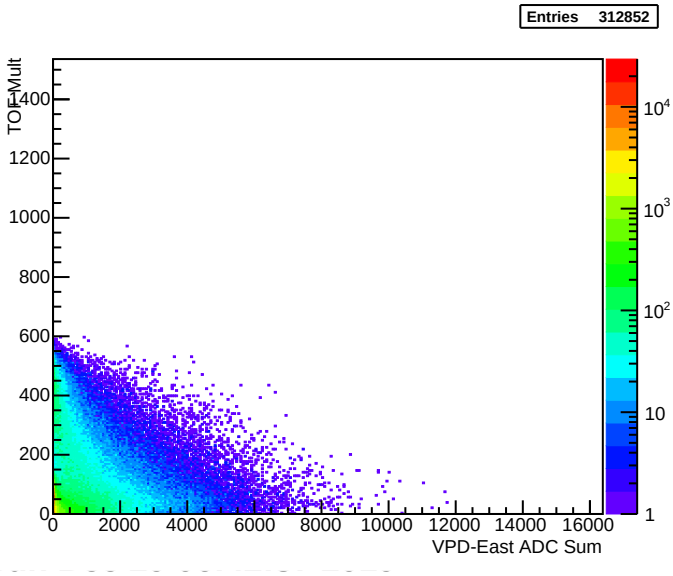

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

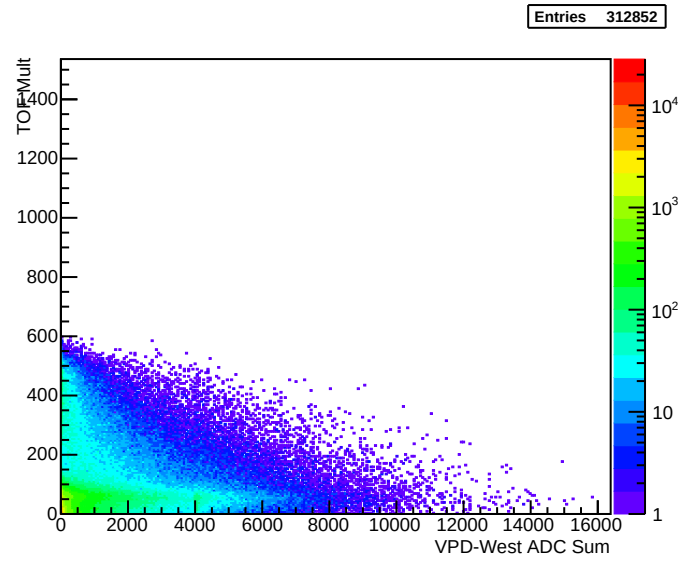

Entries 312852
TOF-Mult
BBC-S-East ADC Sum

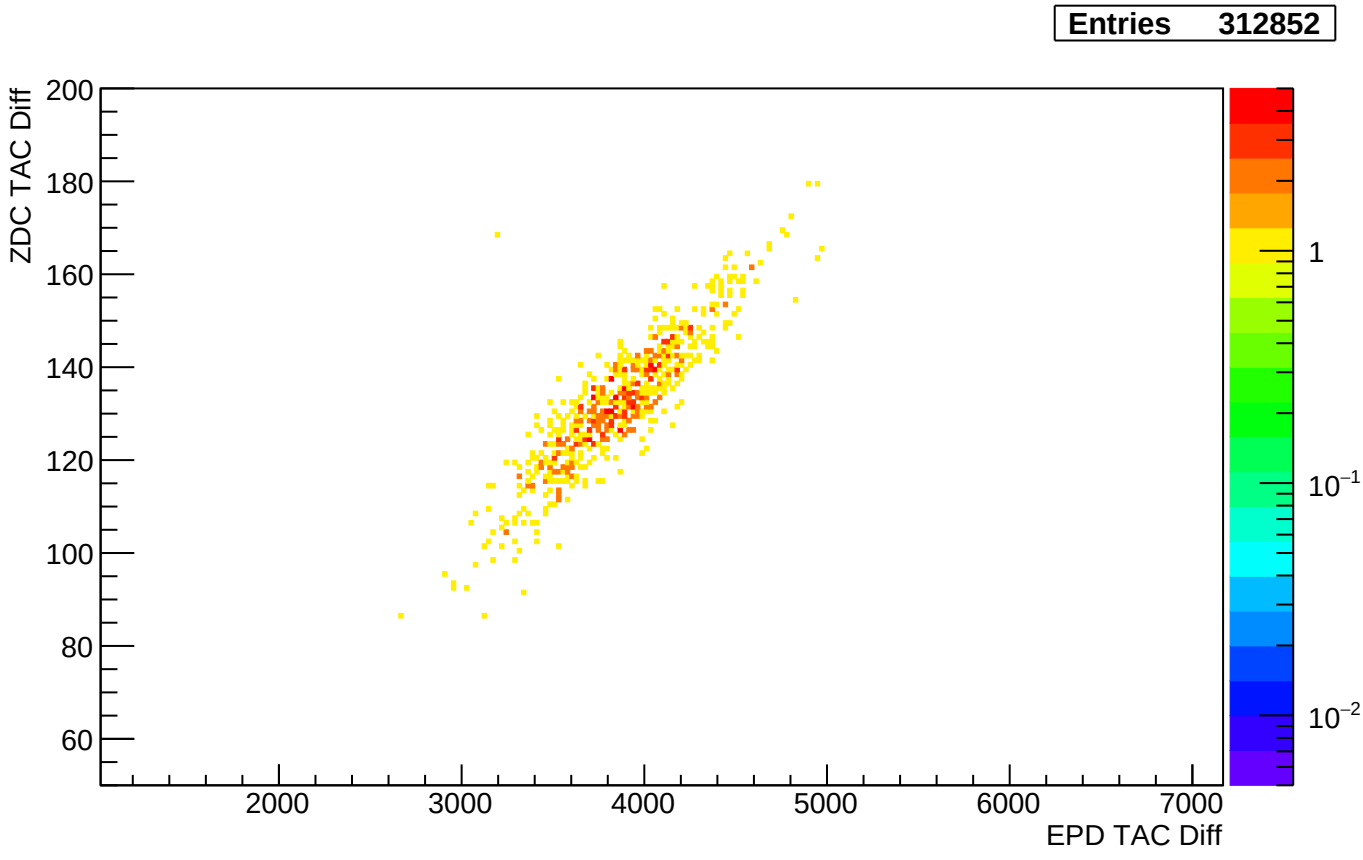

Entries 312852
TOF-Mult
BBC-S-West ADC Sum

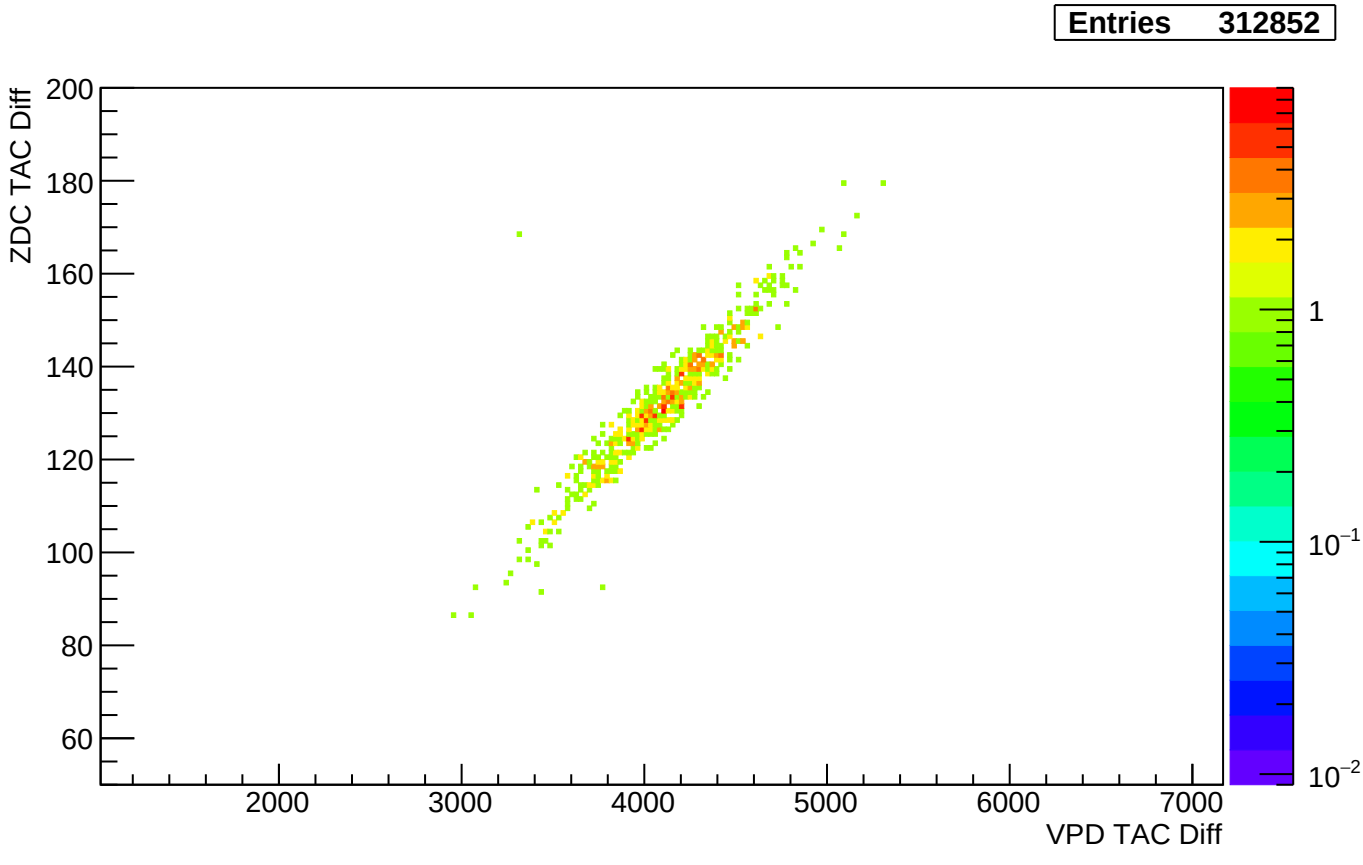

Entries 312852
TOF-Mult
EPD-East Hit Cnt

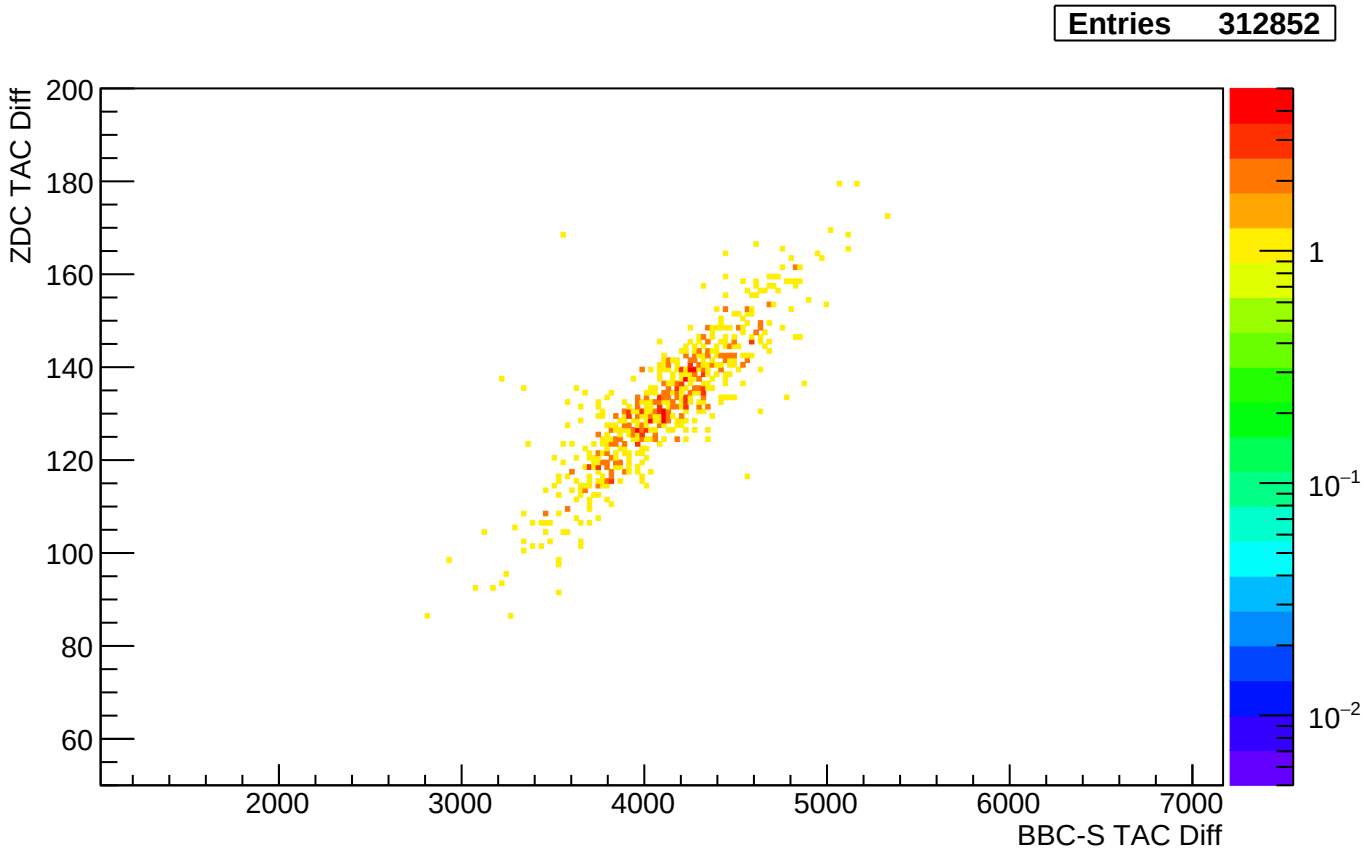

Entries 312852
TOF-Mult
EPD-West Hit Cnt

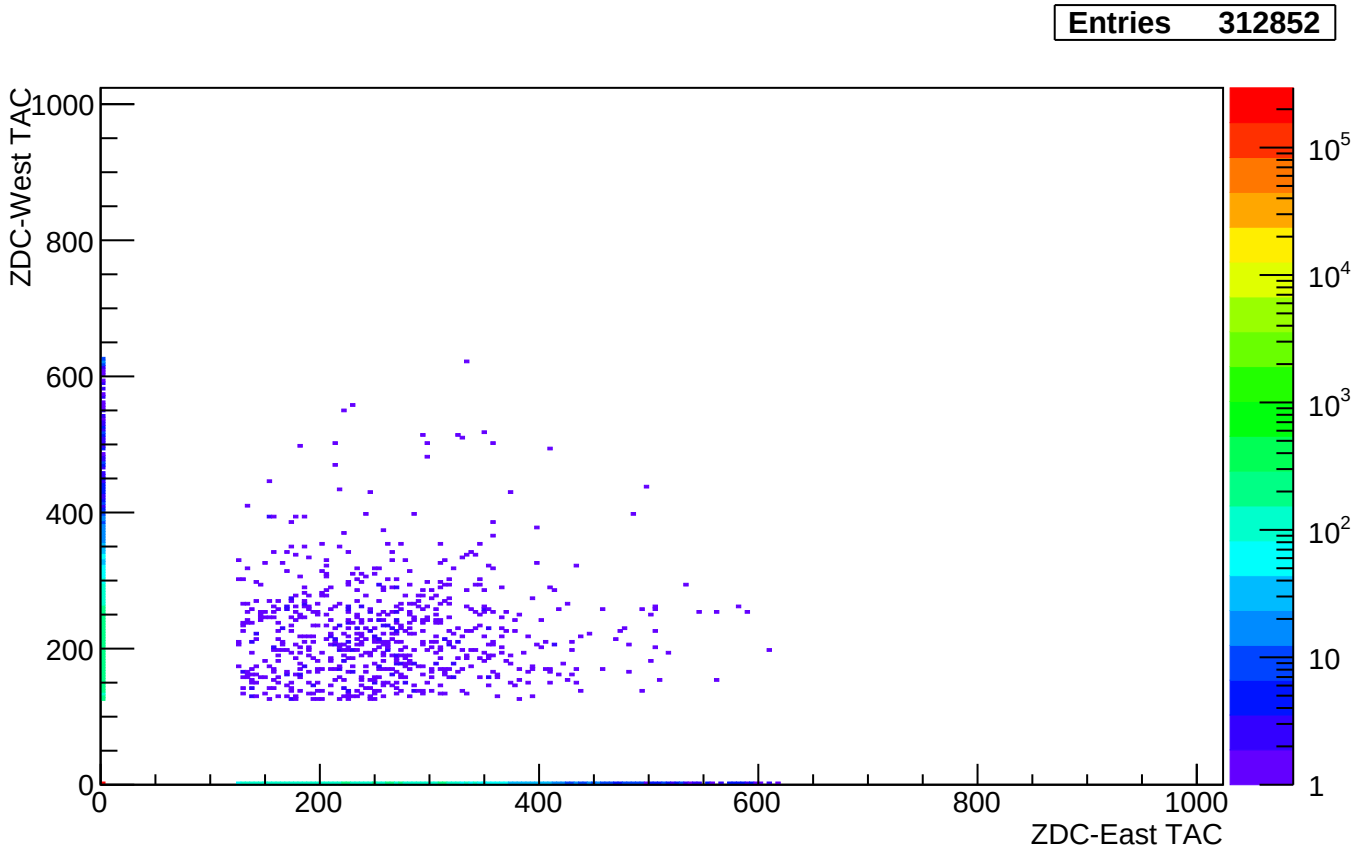

Entries 312852
TOF-Mult
VPD-East ADC Sum

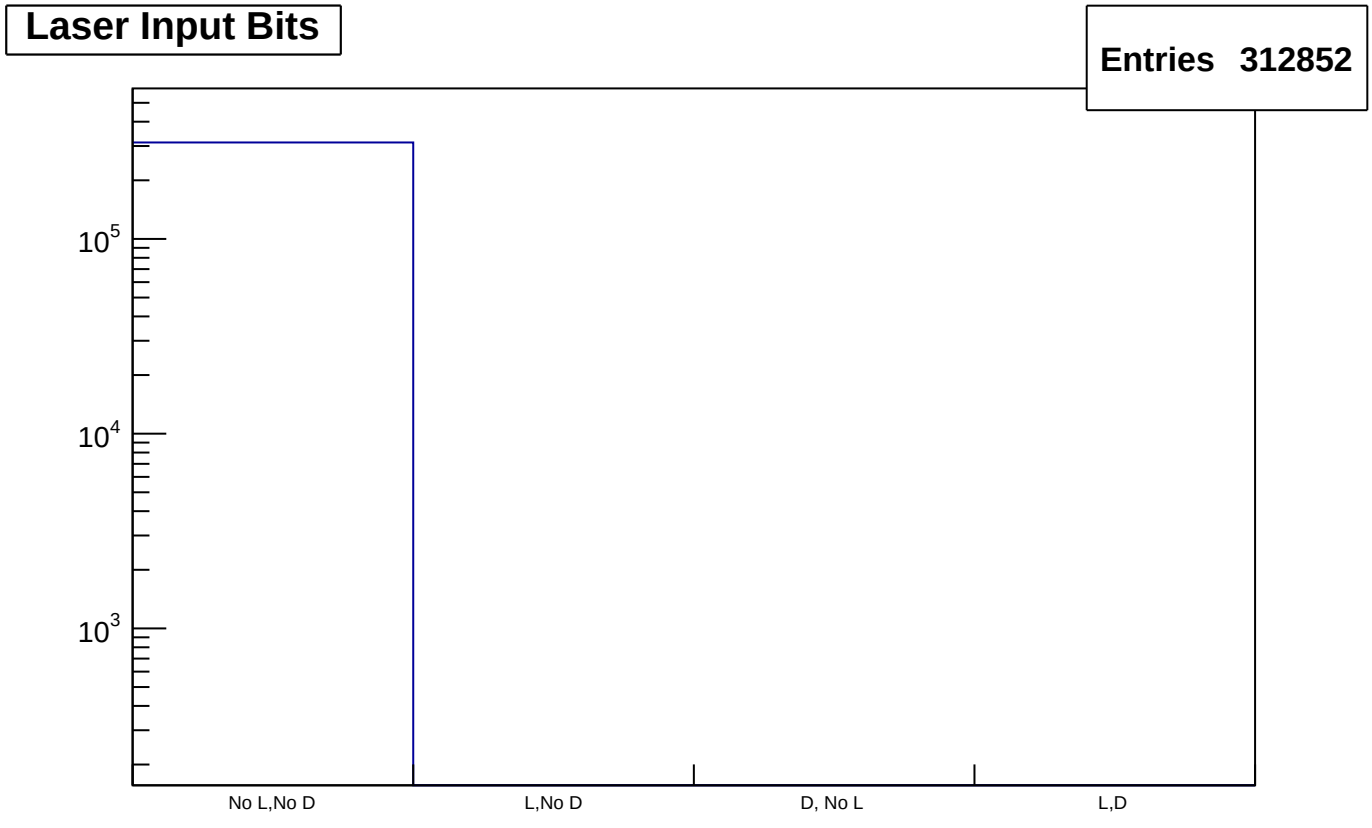

Entries 312852
TOF-Mult
VPD-West ADC Sum

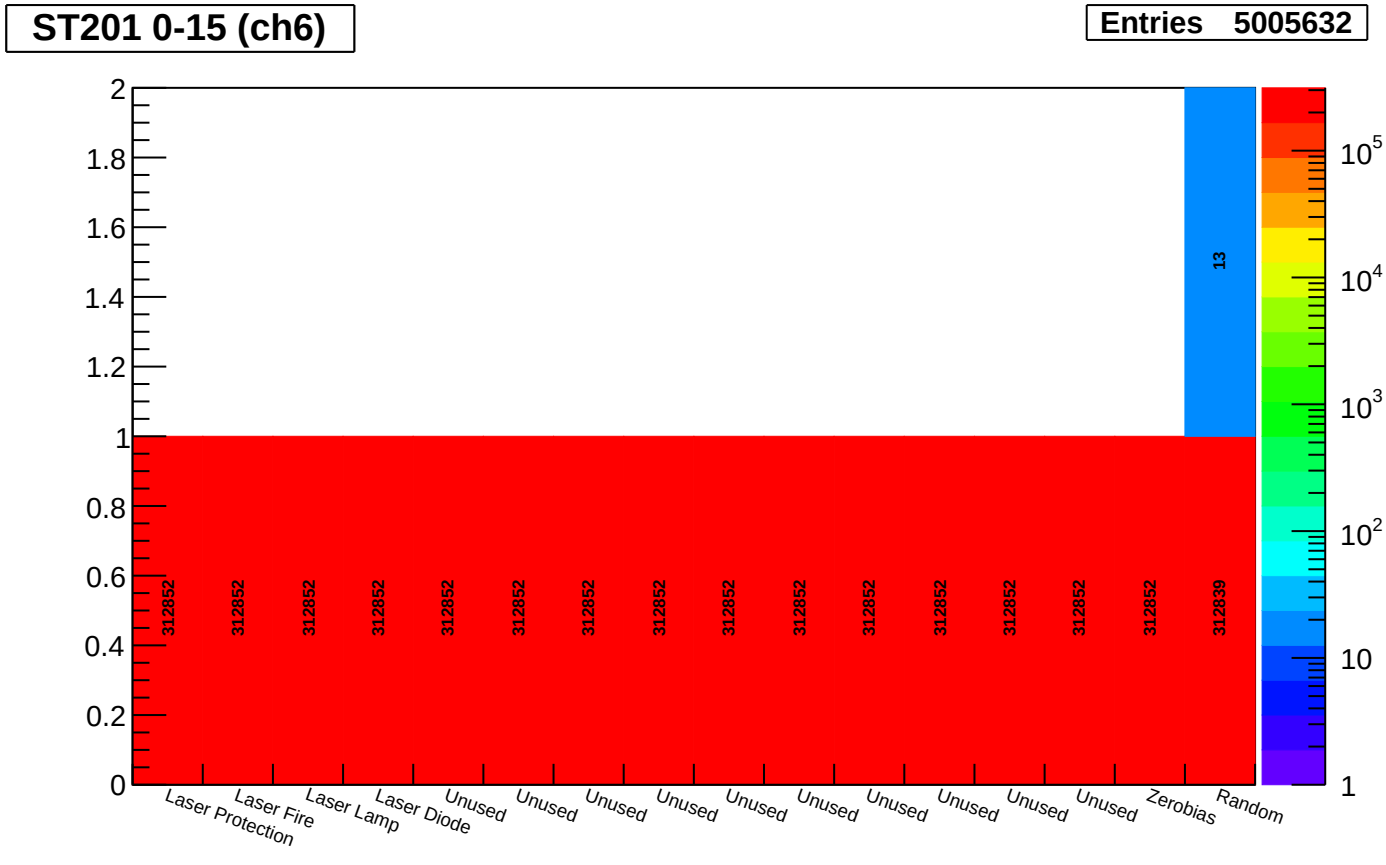

Entries 312852
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

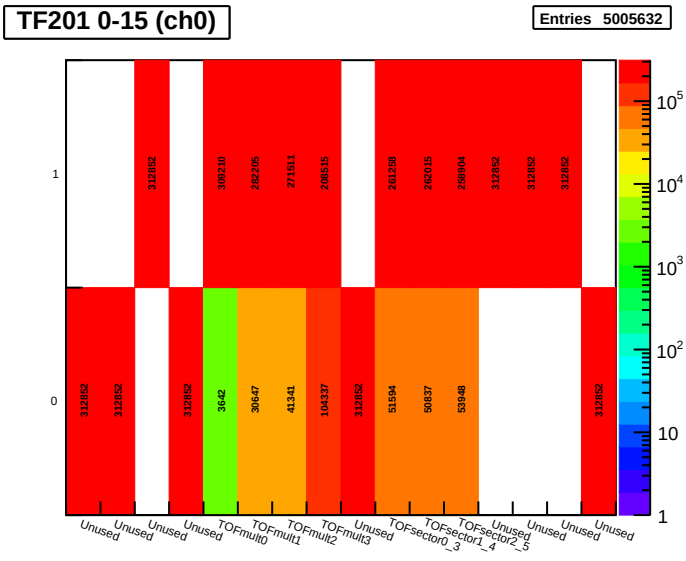

Entries 312852
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

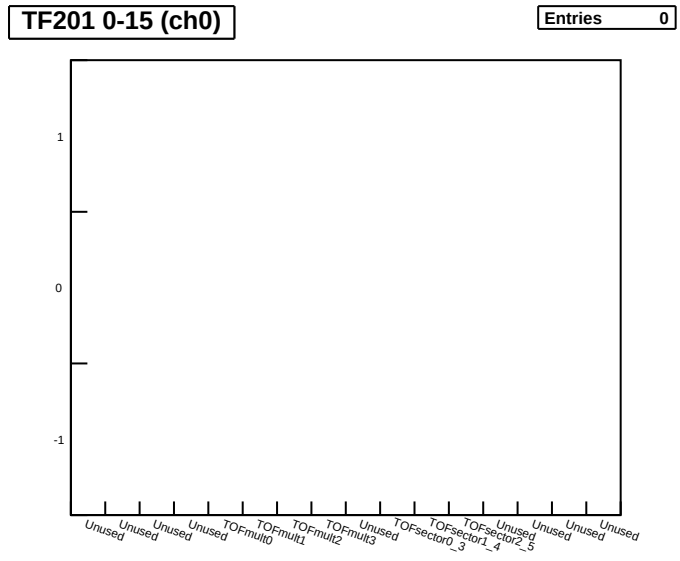

Entries 312852
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

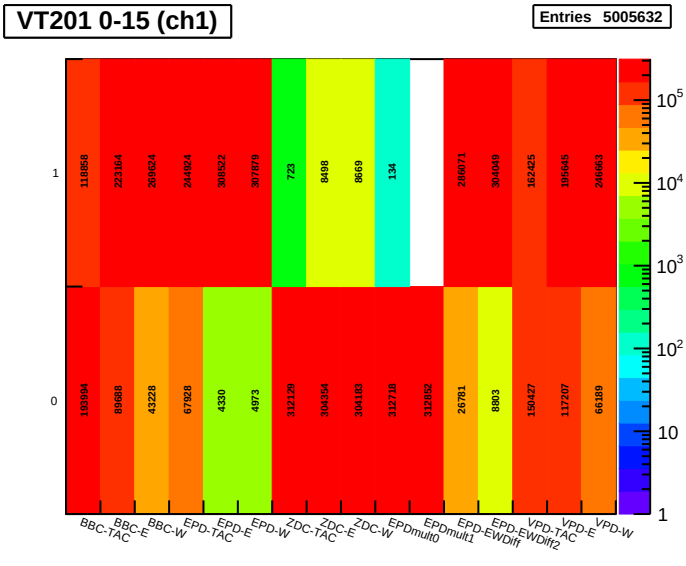

Entries 312852
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

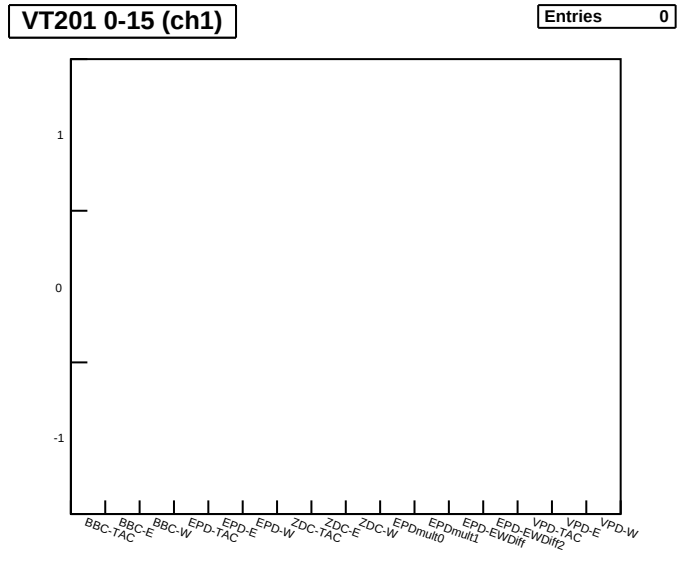

Laser Input Bits
Entries 312852
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

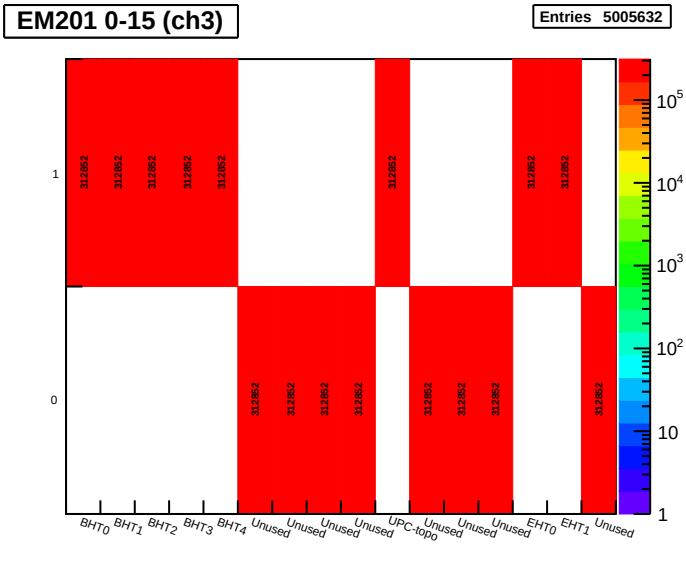

ST201 0-15 (ch6)
Entries 5005632
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312839
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

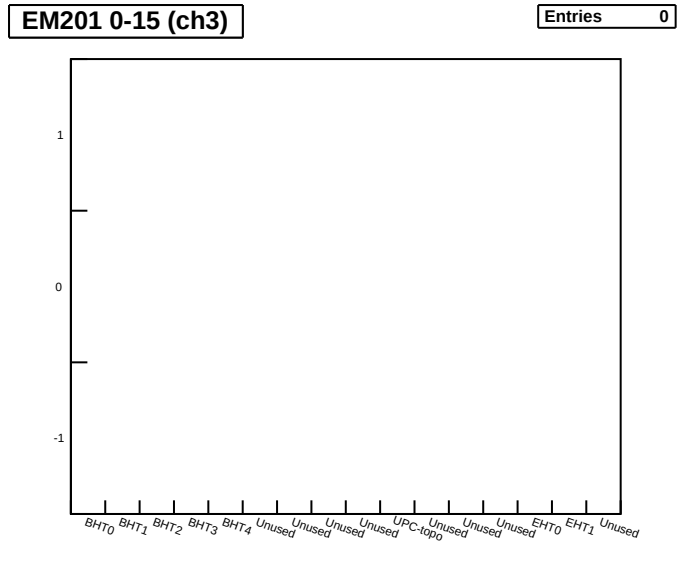

TF201 0-15 (ch0)
Entries 5005632
1
0
312852
309210
292205
271511
298515
263158
292015
299904
312852
312852
312852
312852
312852
3642
30647
41341
104337
312852
51594
50837
53948
312852
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5005632
1
0
118858
223164
269624
244924
308522
307879
723
8498
8669
134
286071
304049
162425
195645
246683
133994
89688
43228
67928
4330
4973
312129
304354
304183
312718
312852
26781
8803
150427
117207
66189
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 5005632
1
0
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
312852
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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