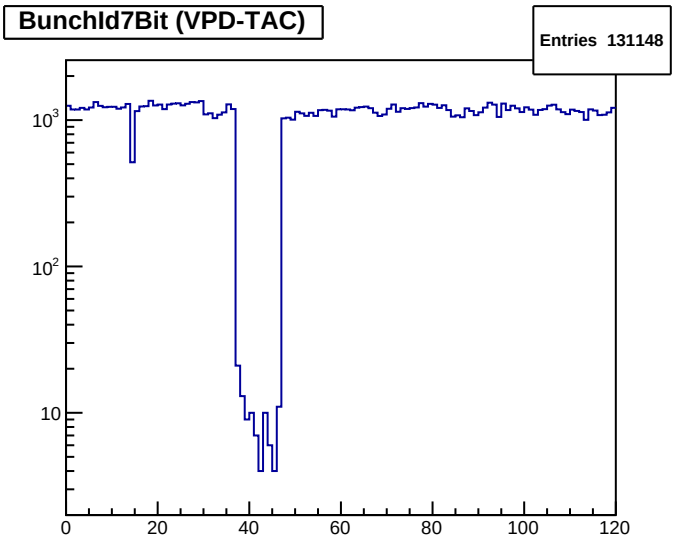
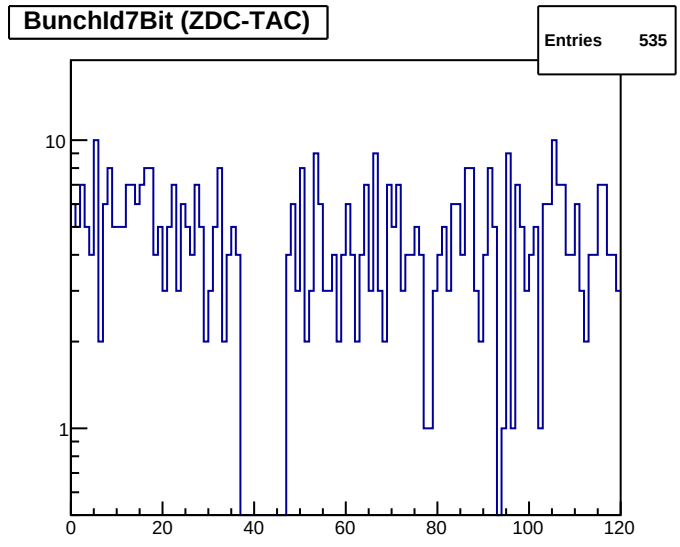
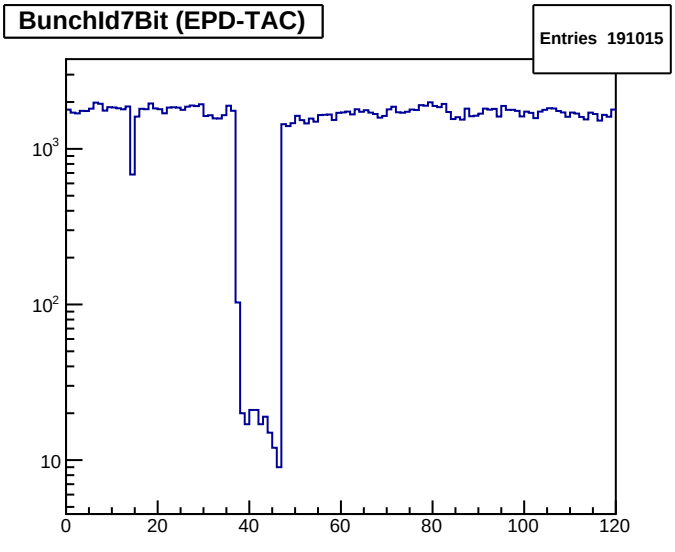
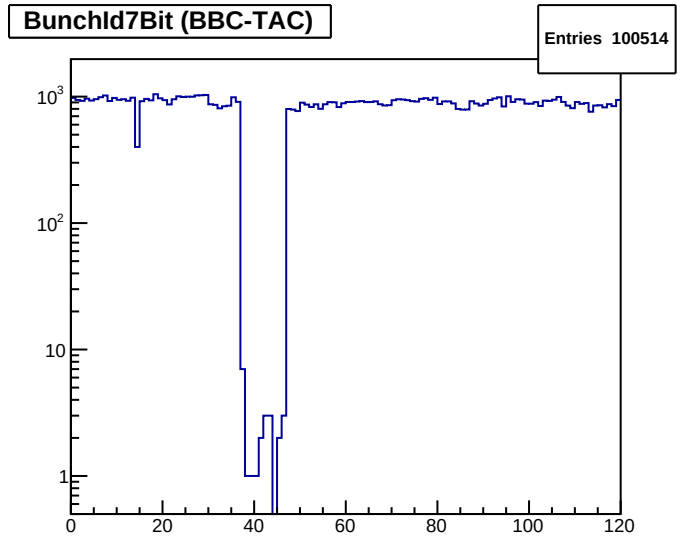
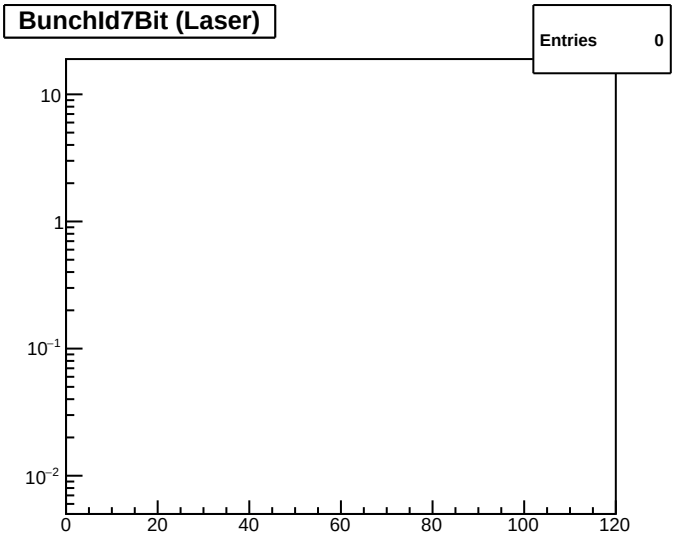
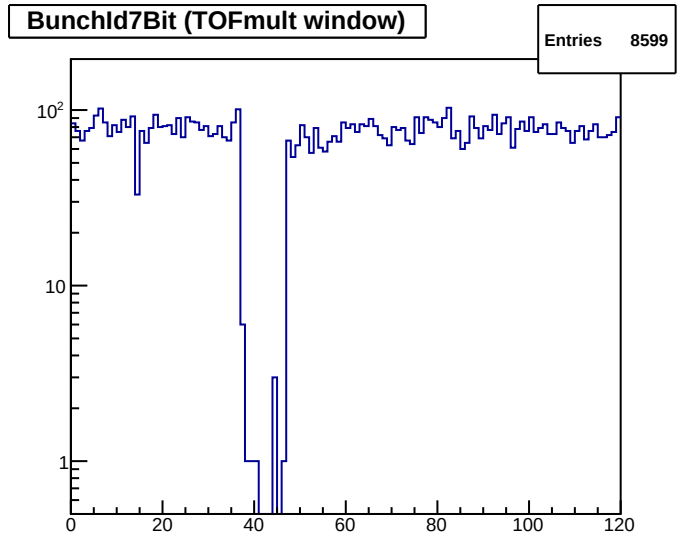

BunchId7Bit (VPD-TAC)
Entries 131148

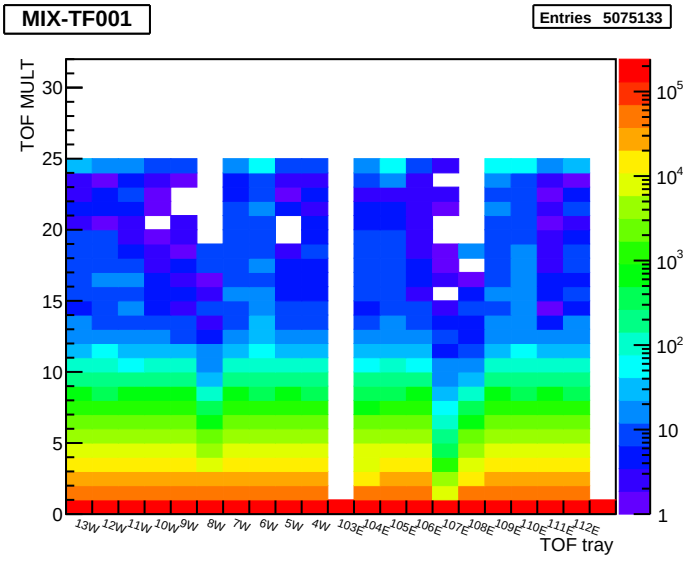

BunchId7Bit (ZDC-TAC)
Entries 535

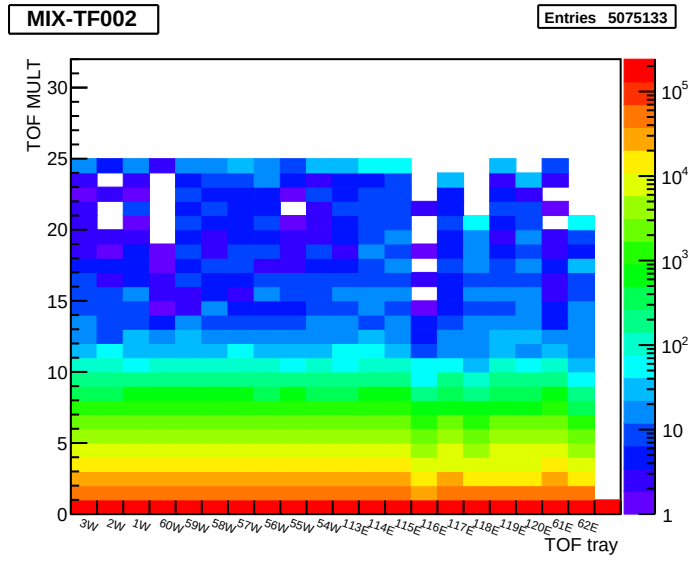

BunchId7Bit (EPD-TAC)
Entries 191015

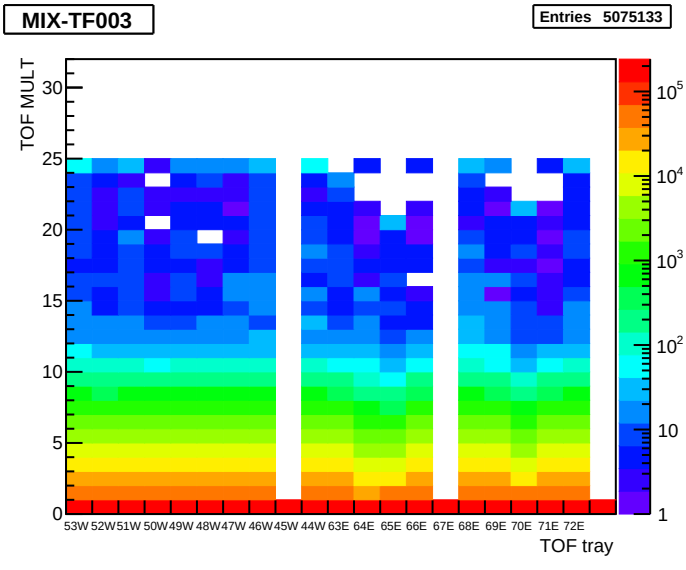

BunchId7Bit (BBC-TAC)
Entries 100514

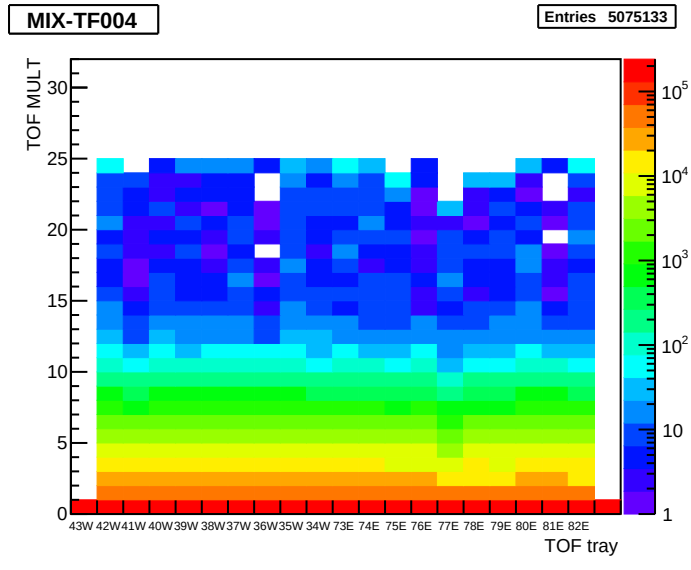

BunchId7Bit (Laser)
Entries 0

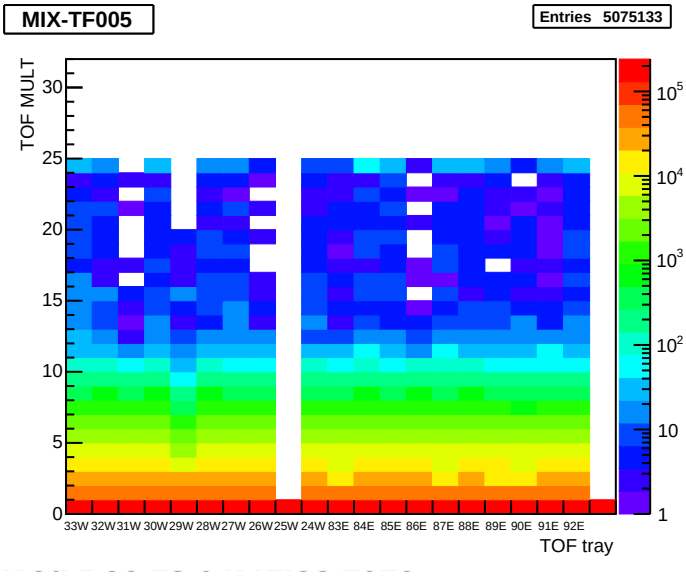

BunchId7Bit (TOFmult window)
Entries 8599

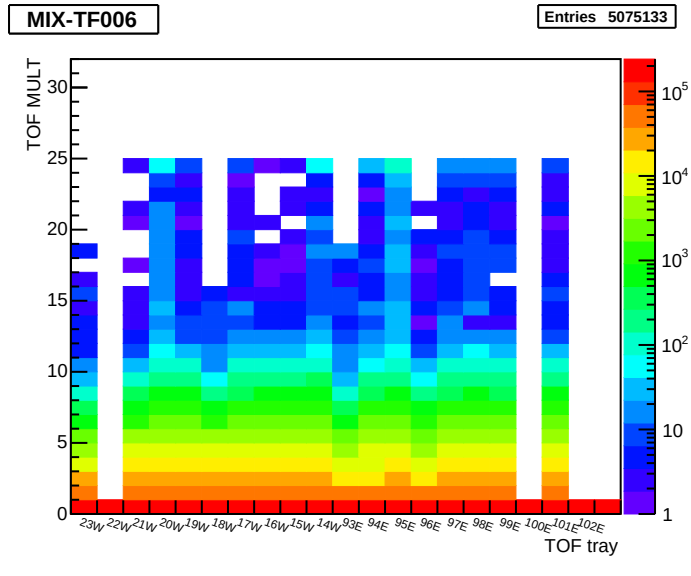

MIX-TF001
Entries 5075133
TOF MULT
TOF tray

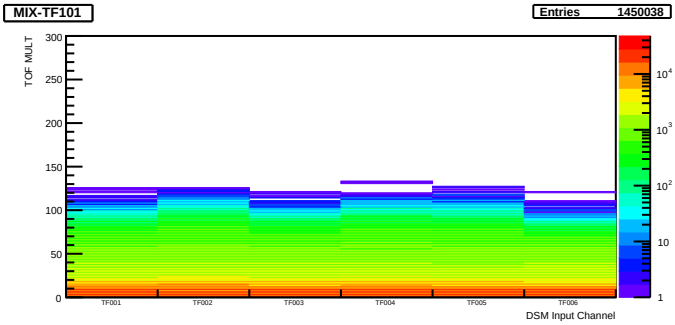

MIX-TF002
Entries 5075133
TOF MULT
TOF tray

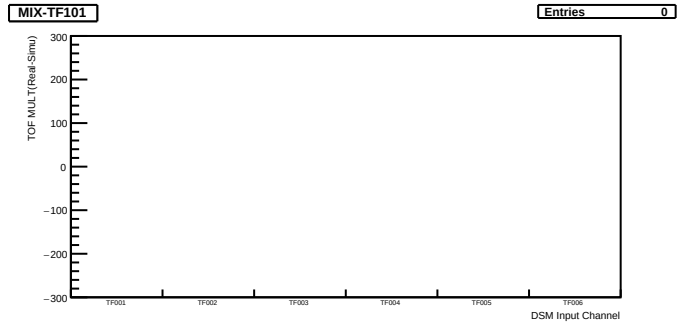

MIX-TF003
Entries 5075133
TOF MULT
TOF tray

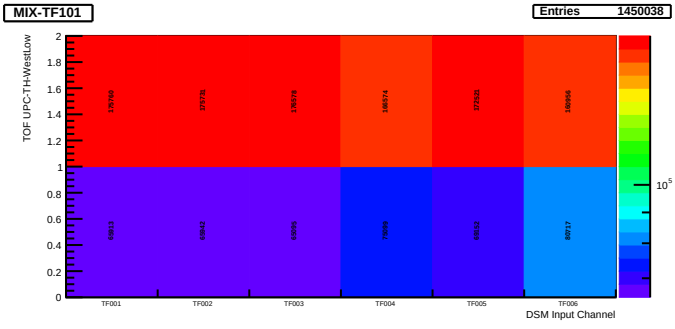

MIX-TF004
Entries 5075133
TOF MULT
TOF tray

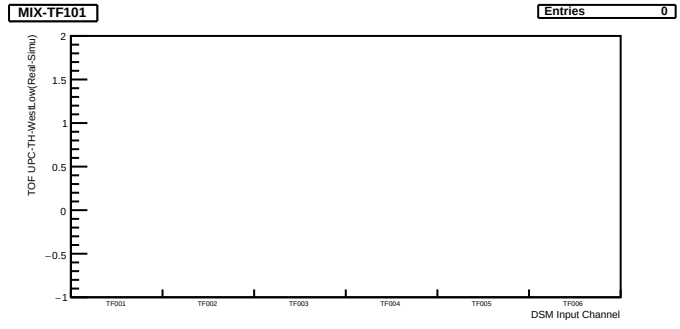

MIX-TF005
Entries 5075133
TOF MULT
TOF tray

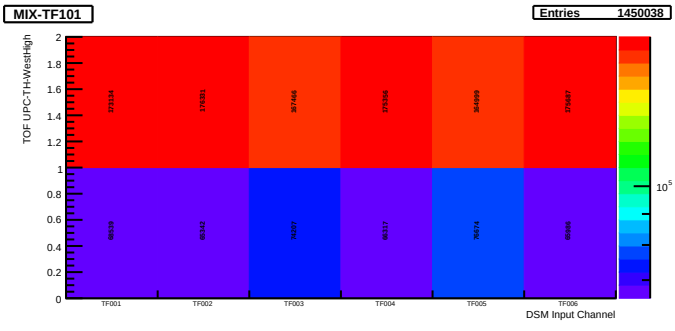

MIX-TF006
Entries 5075133
TOF MULT
TOF tray

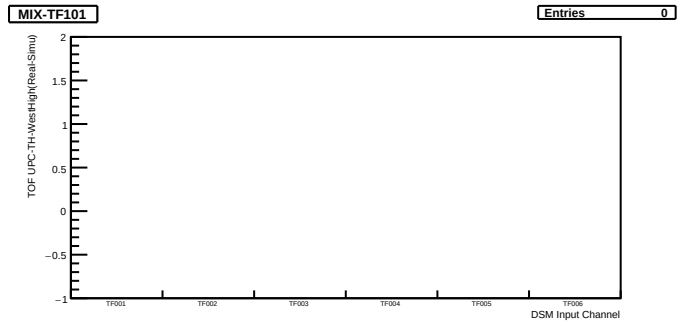

MIX-TF101
Entries 1450038
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

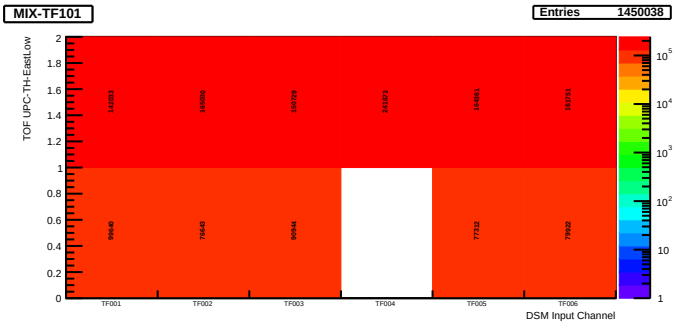

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

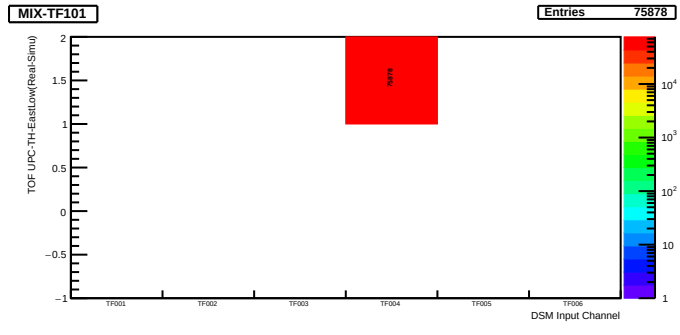

MIX-TF101
Entries 1450038
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

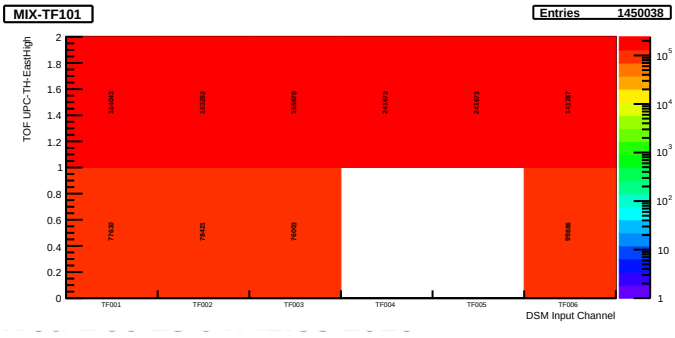

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

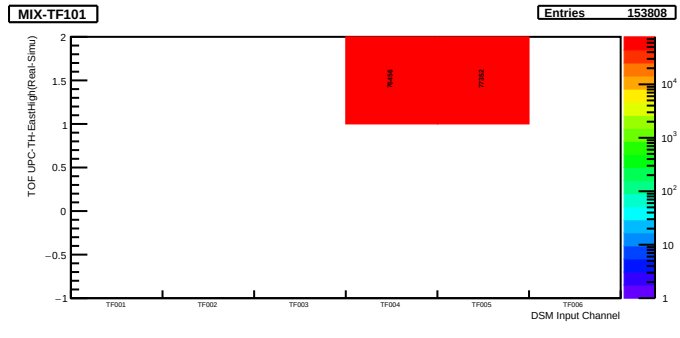

MIX-TF101
Entries 1450038
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

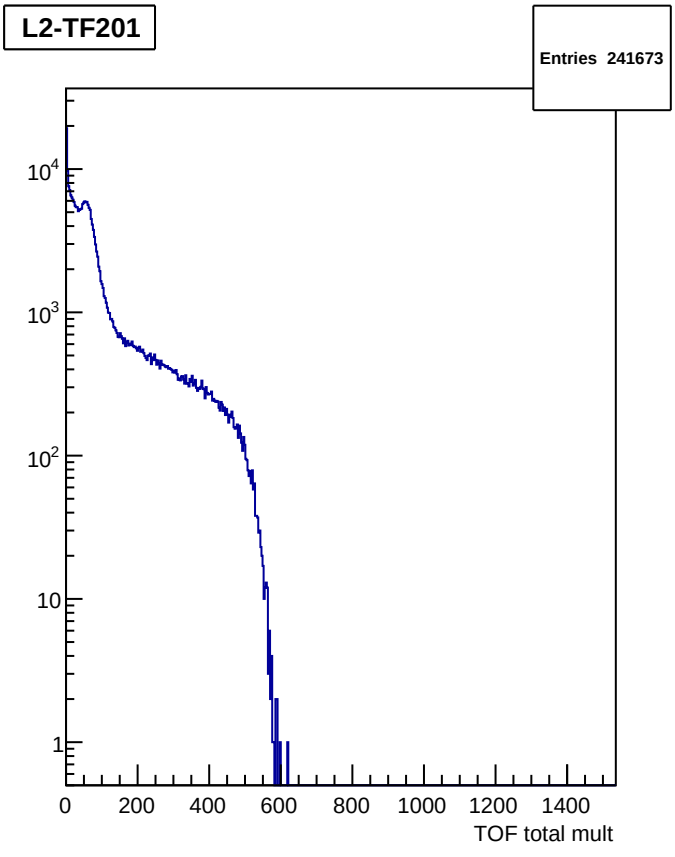

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

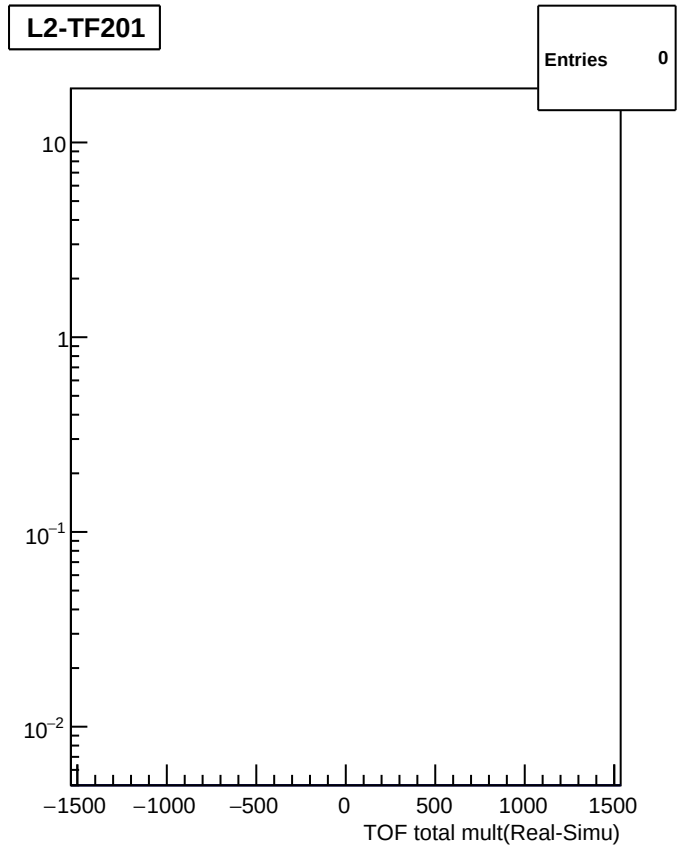

MIX-TF101
Entries 1450038
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

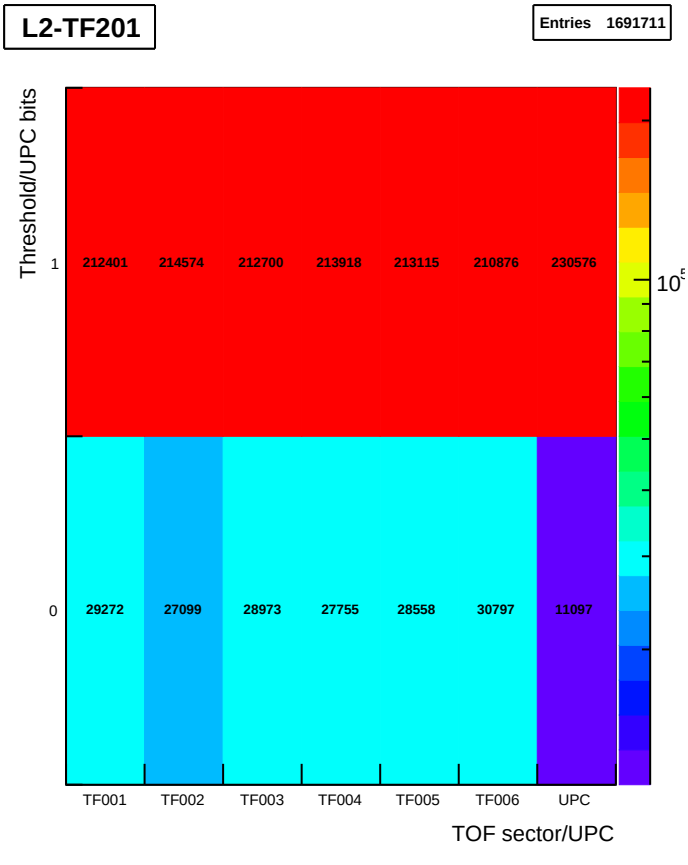

MIX-TF101
Entries 75878
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

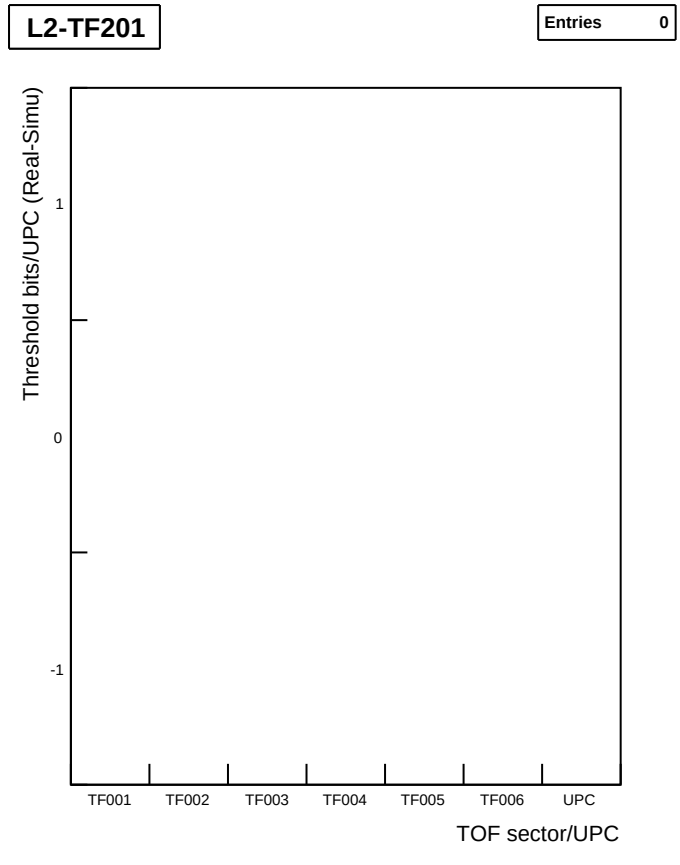

MIX-TF101
Entries 1450038
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

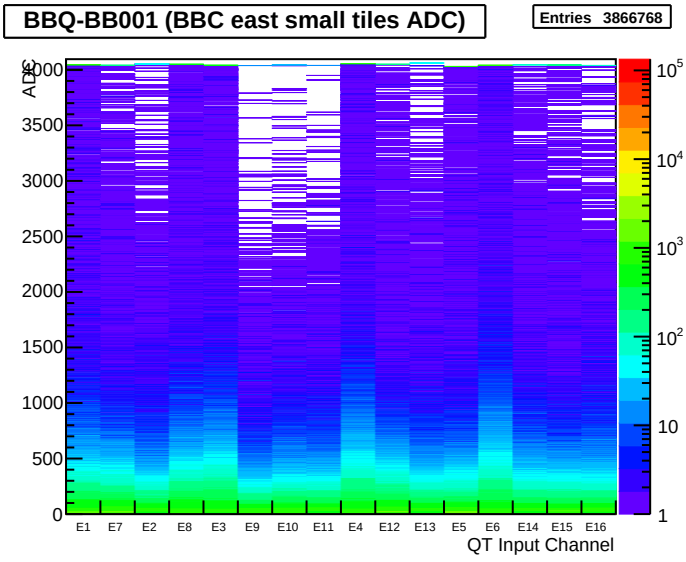

MIX-TF101
Entries 153808
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

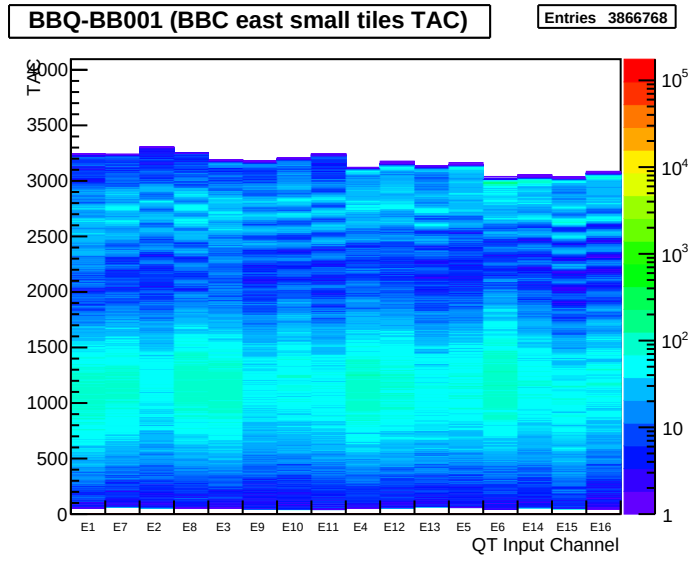

L2-TF201
Entries 241673
TOF total mult

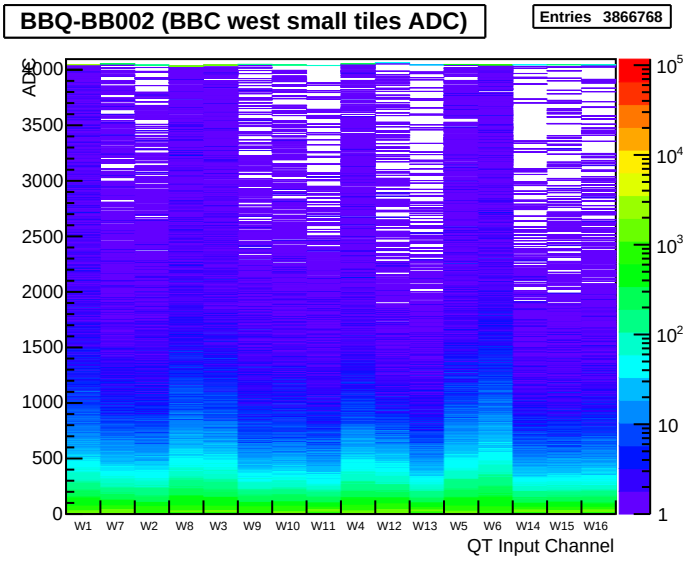

L2-TF201
Entries 0
TOF total mult(Real-Simu)

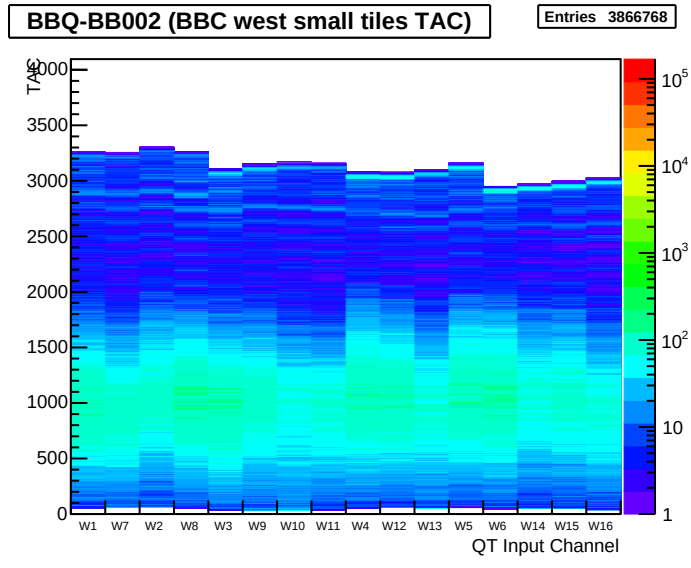

L2-TF201
Entries 1691711
Threshold/UPC bits
212401
214574
212700
213918
213115
210876
230576
29272
27099
28973
27755
28558
30797
11097
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

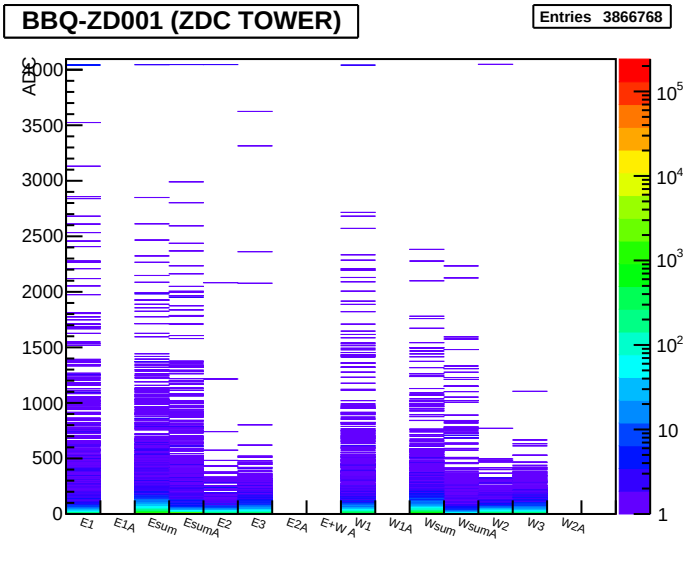

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

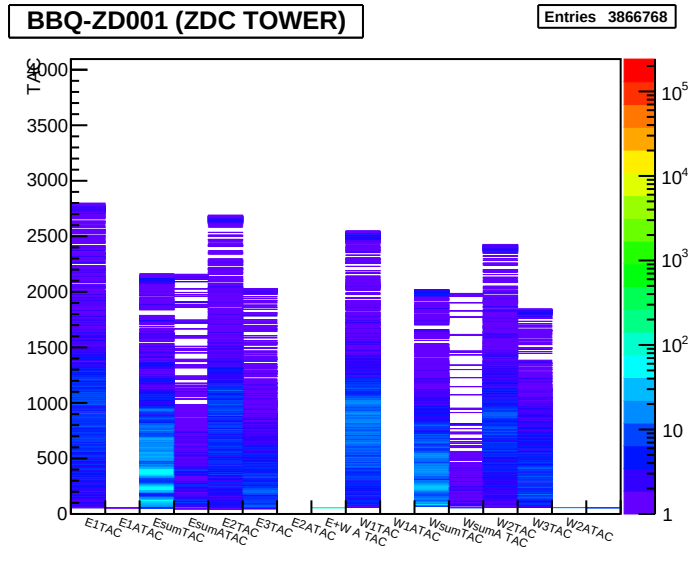

BBQ-BB001 (BBC east small tiles ADC)
Entries 3866768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

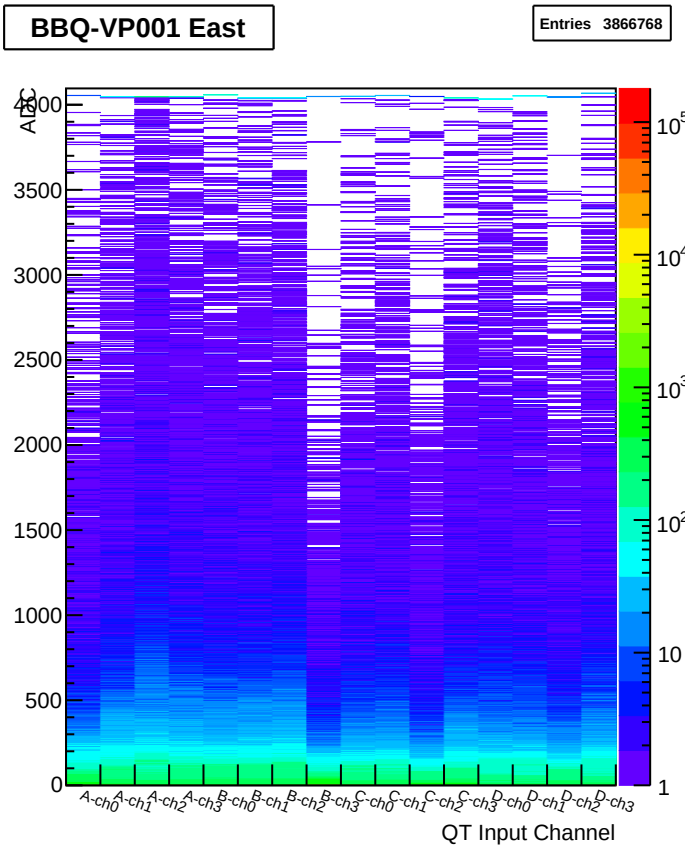

BBQ-BB001 (BBC east small tiles TAC)
Entries 3866768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

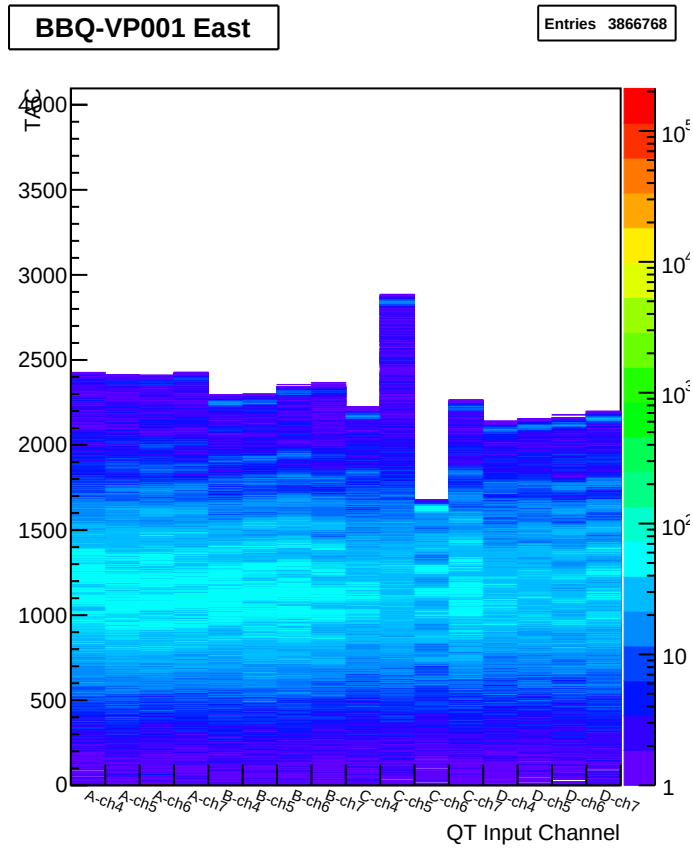

BBQ-BB002 (BBC west small tiles ADC)
Entries 3866768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

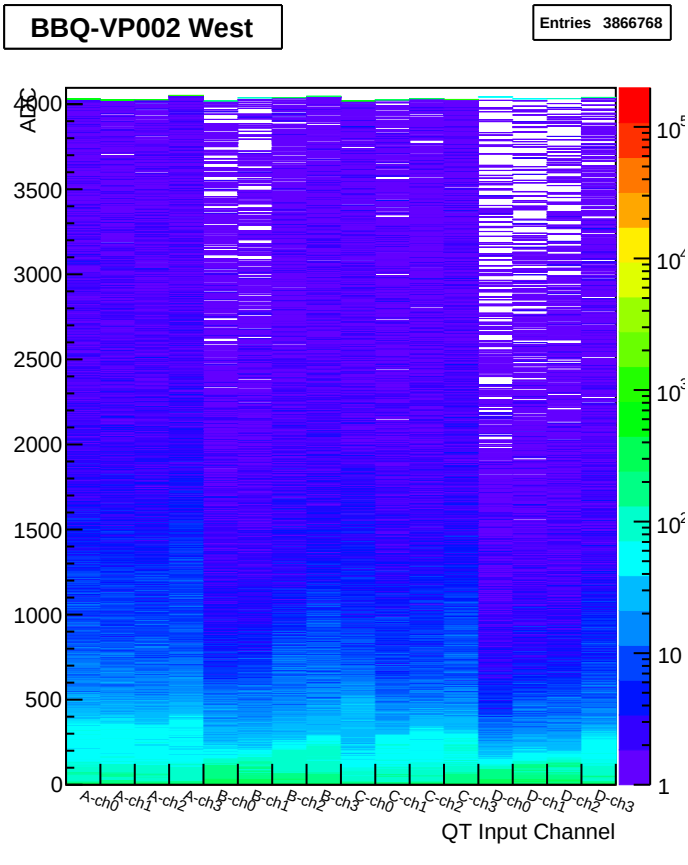

BBQ-BB002 (BBC west small tiles TAC)
Entries 3866768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

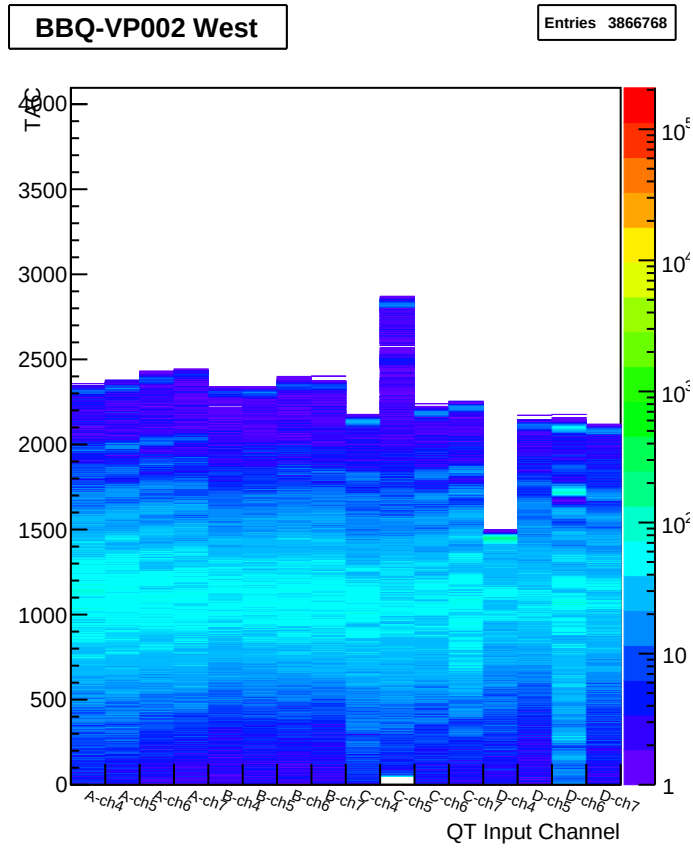

BBQ-ZD001 (ZDC TOWER)
Entries 3866768
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

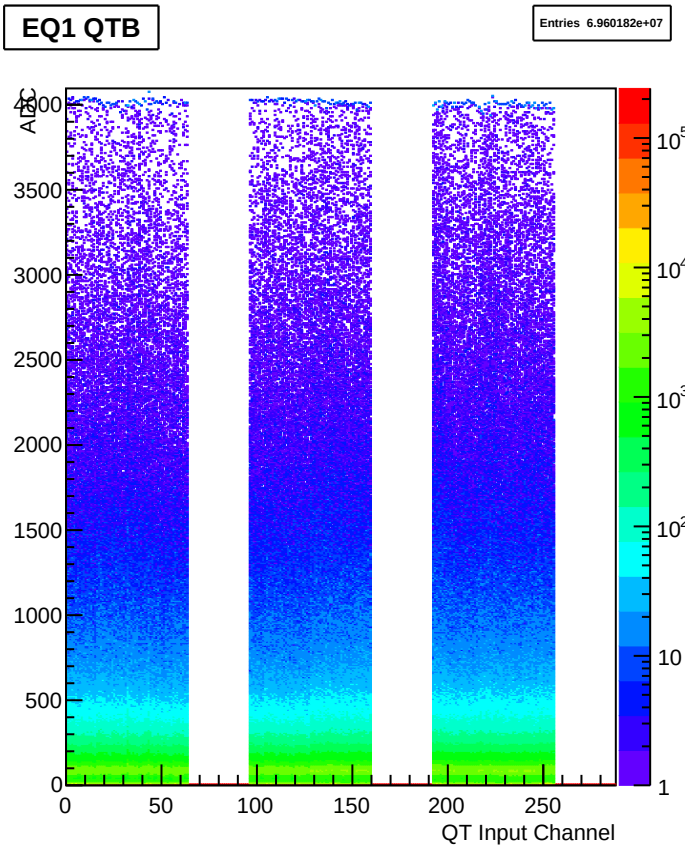

BBQ-ZD001 (ZDC TOWER)
Entries 3866768
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

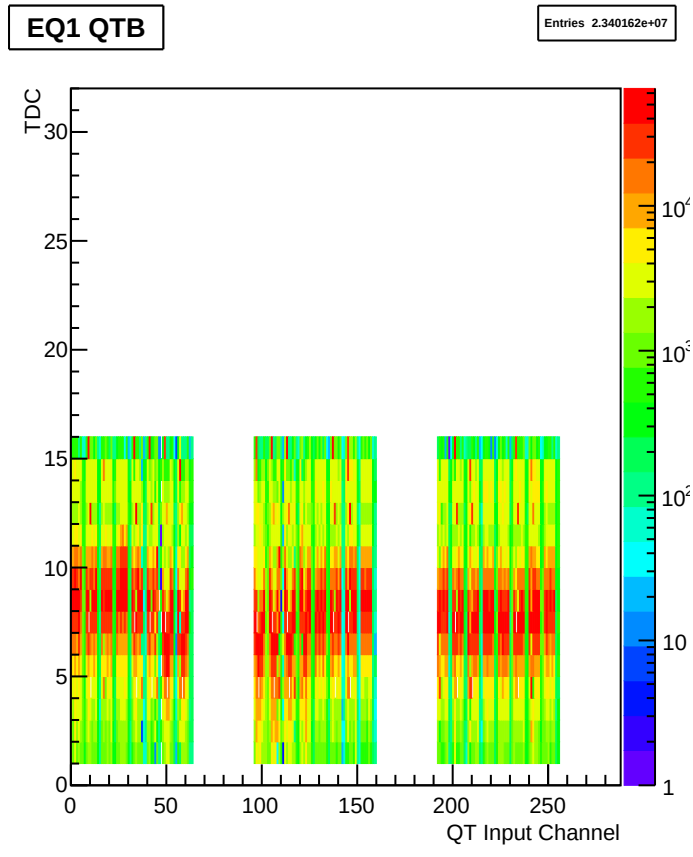

BBQ-VP001 East
Entries 3866768
ADC
QT Input Channel

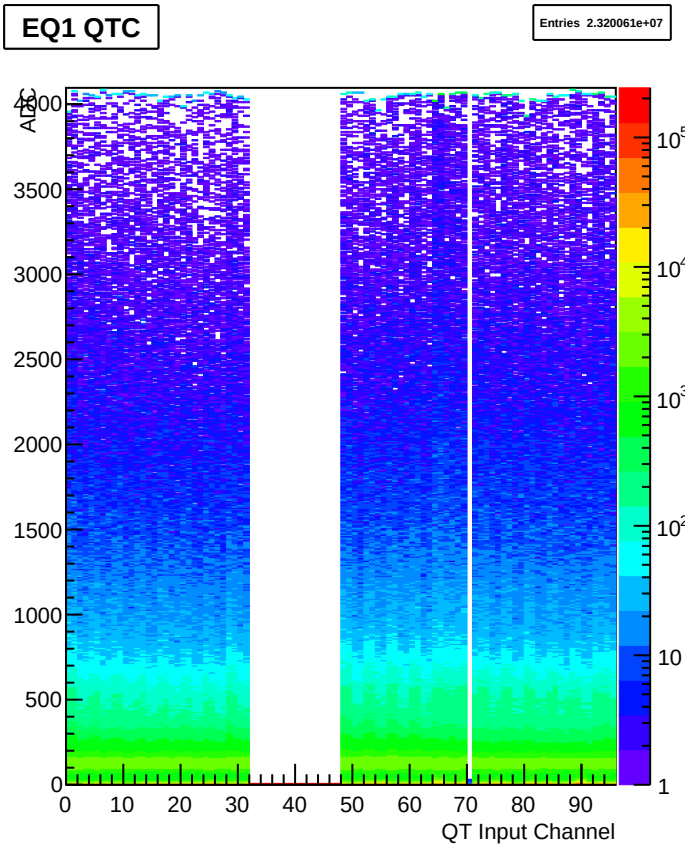

BBQ-VP001 East
Entries 3866768
TADC
QT Input Channel

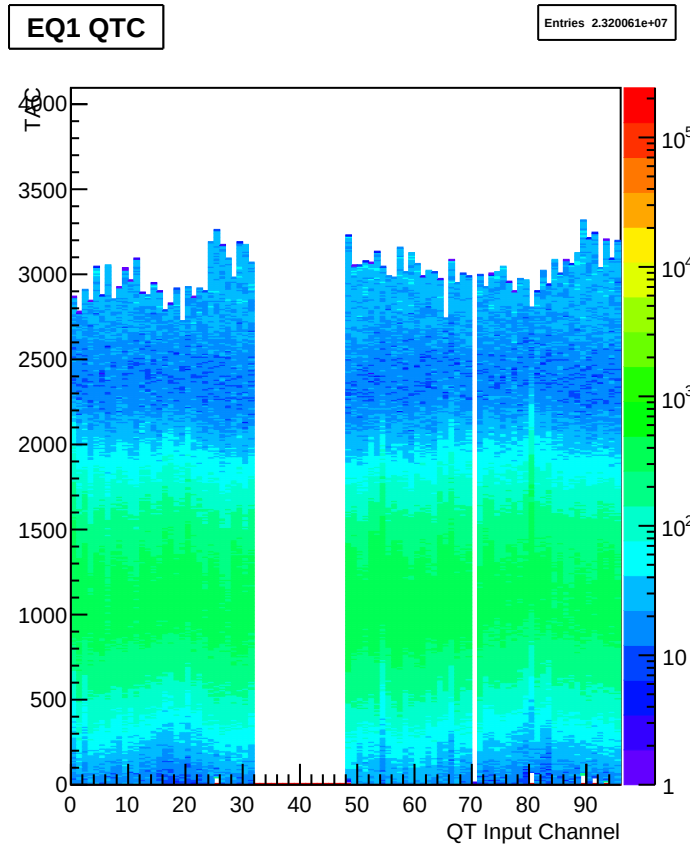

BBQ-VP002 West
Entries 3866768
ADC
QT Input Channel

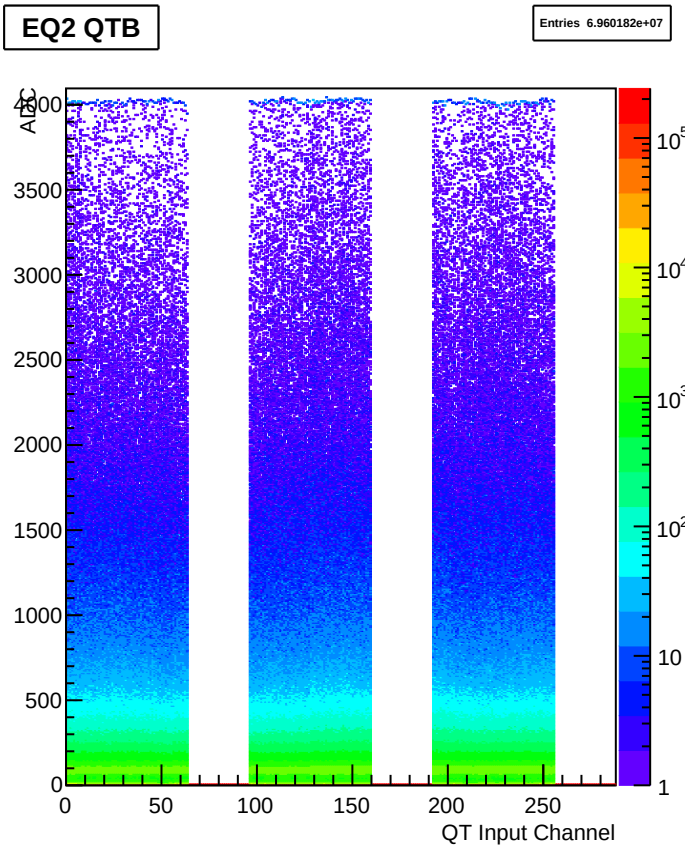

BBQ-VP002 West
Entries 3866768
TADC
QT Input Channel

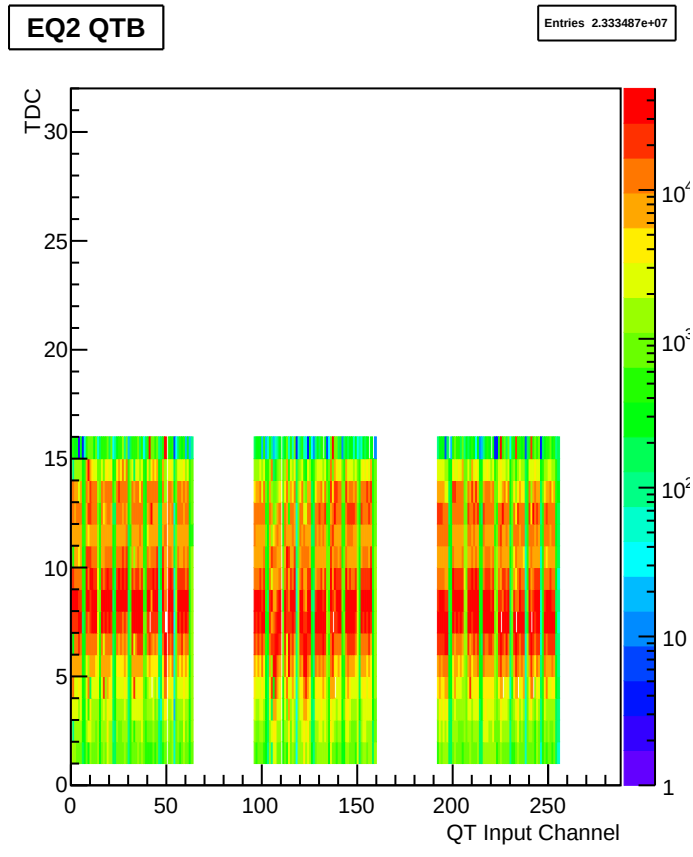

EQ1 QTB
Entries 6.960182e+07
ADC
QT Input Channel

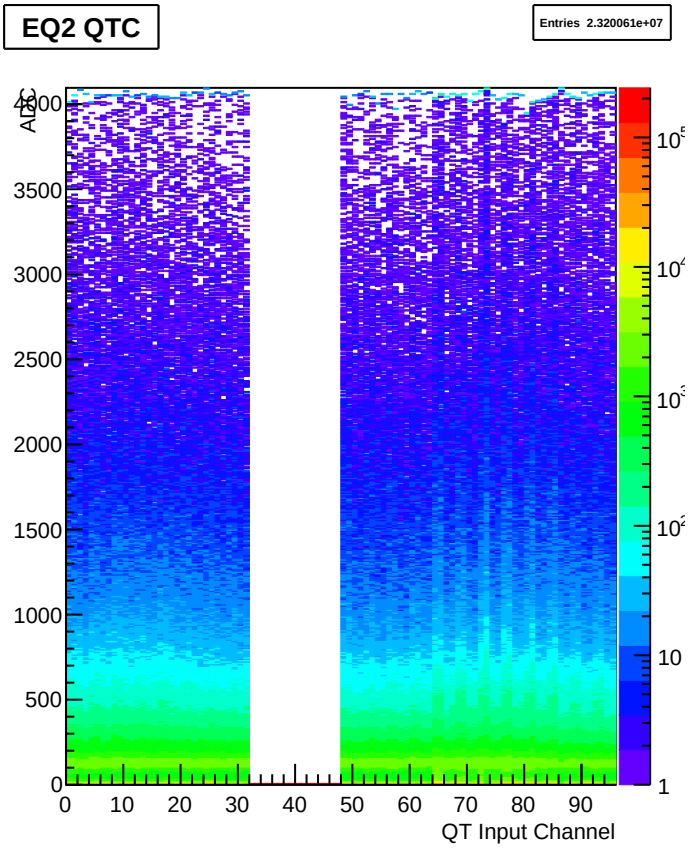

EQ1 QTB
Entries 2.340162e+07
TDC
QT Input Channel

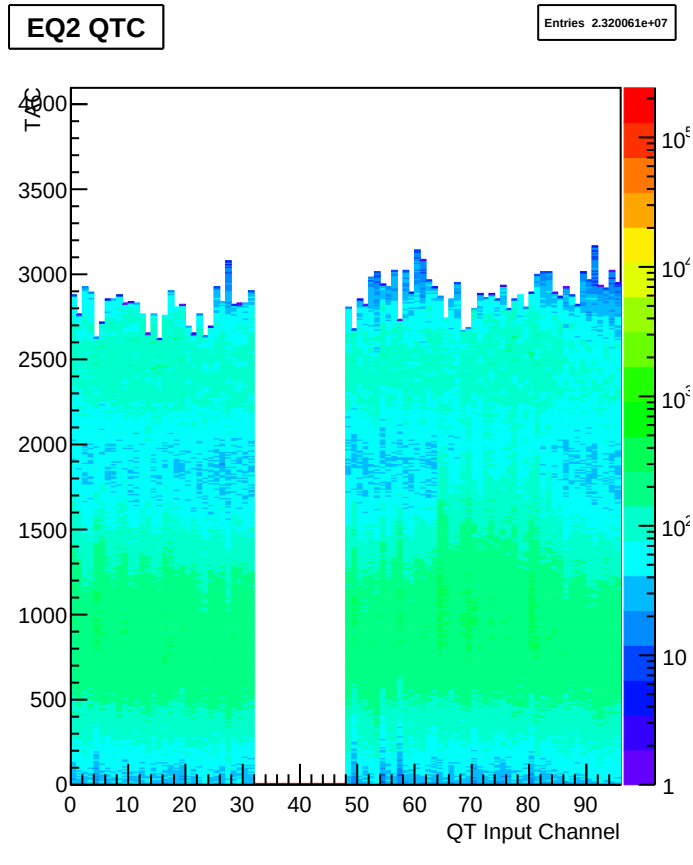

EQ1 QTC
Entries 2.320061e+07
ADC
QT Input Channel

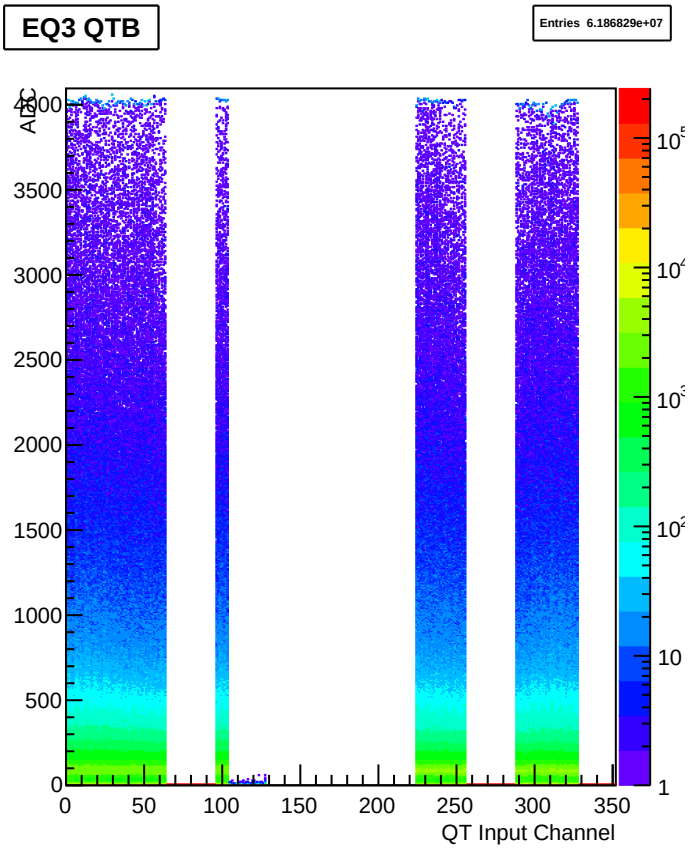

EQ1 QTC
Entries 2.320061e+07
TADC
QT Input Channel

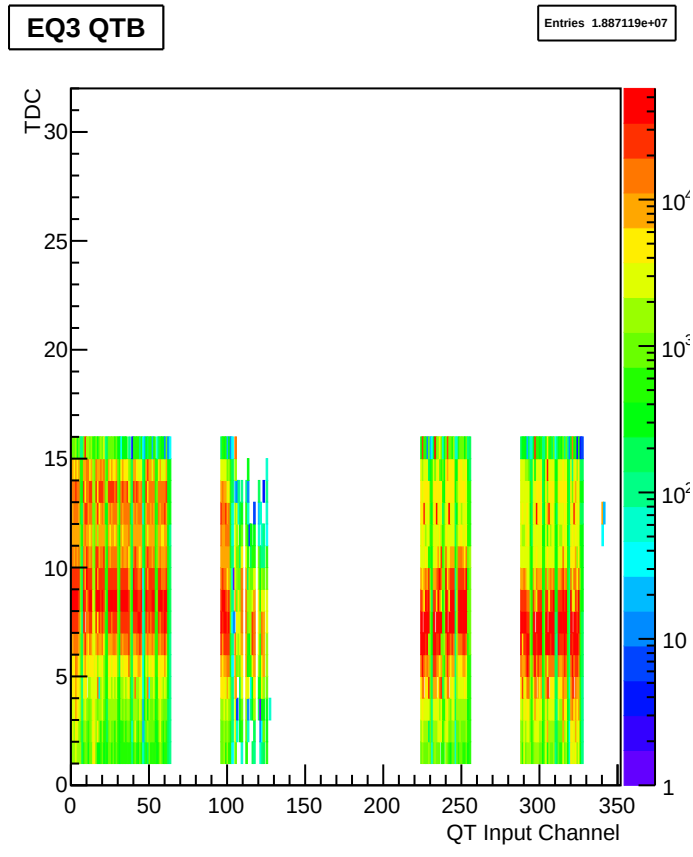

EQ2 QTB
Entries 6.960182e+07
ADC
QT Input Channel

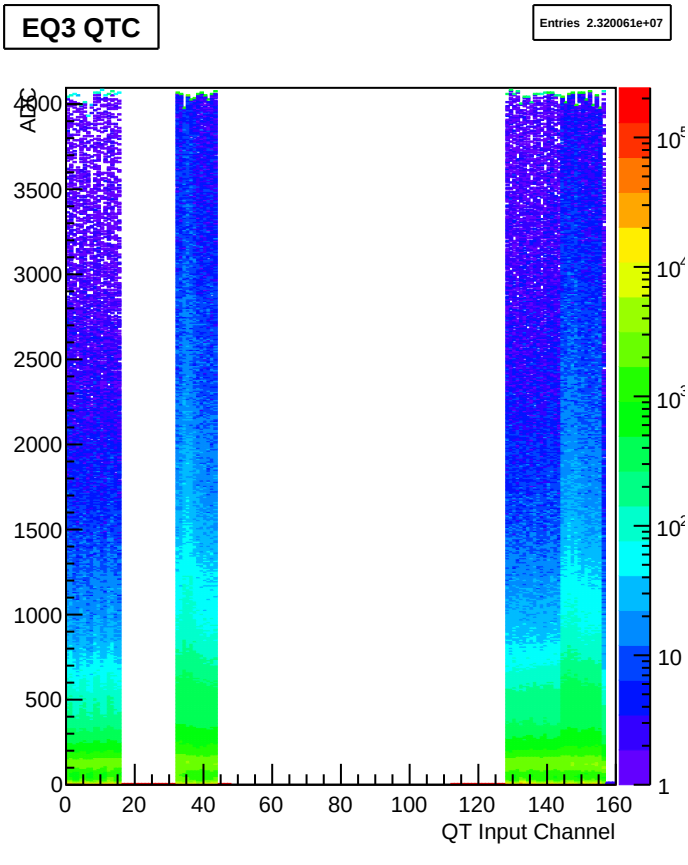

EQ2 QTB
Entries 2.333487e+07
TDC
QT Input Channel

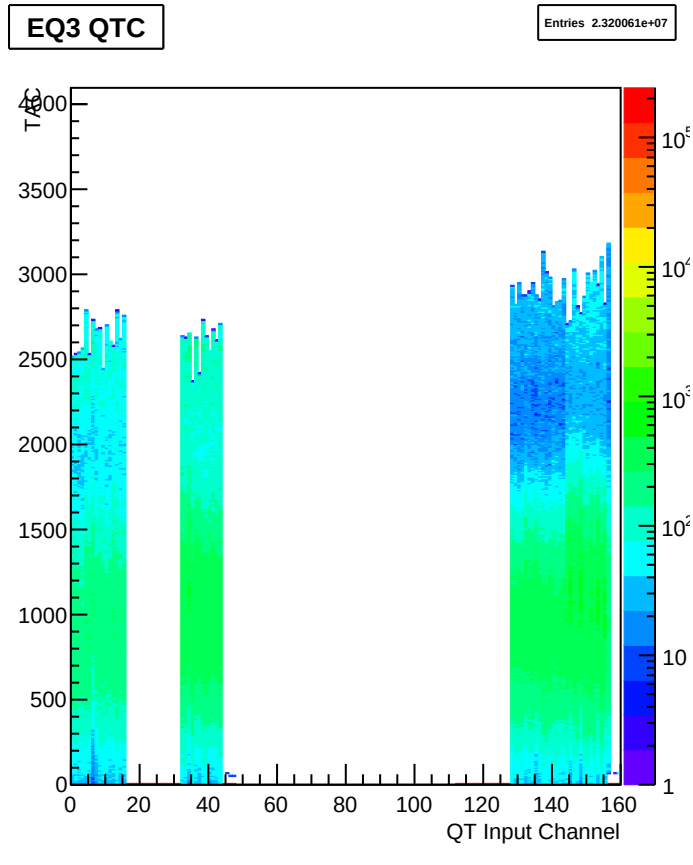

EQ2 QTC
Entries 2.320061e+07
ADC
QT Input Channel

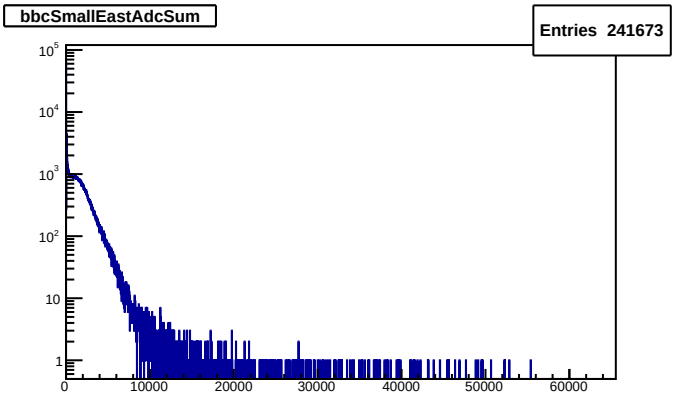

EQ2 QTC
Entries 2.320061e+07
TADC
QT Input Channel

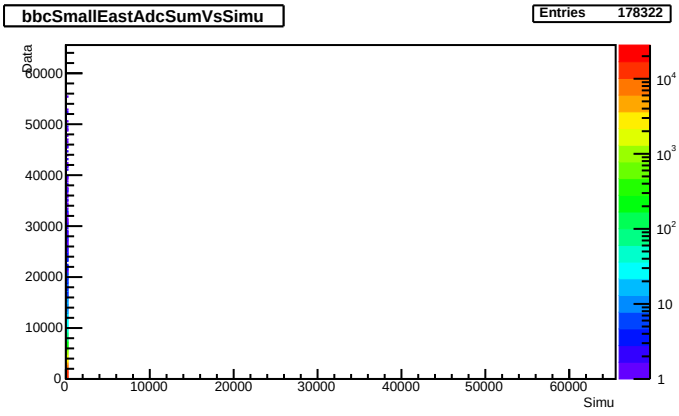

EQ3 QTB
Entries 6.186829e+07
ADC
QT Input Channel

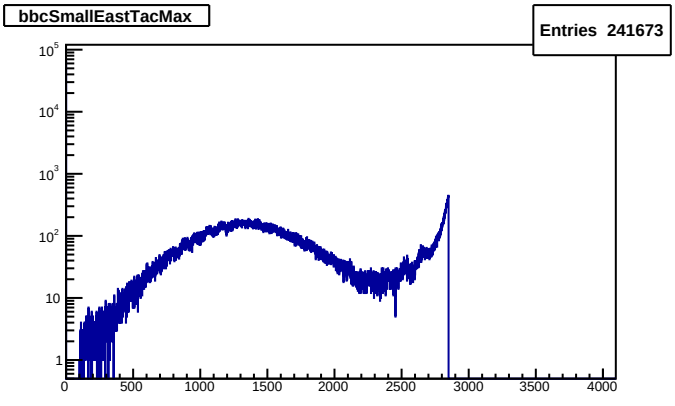

EQ3 QTB
Entries 1.887119e+07
TDC
QT Input Channel

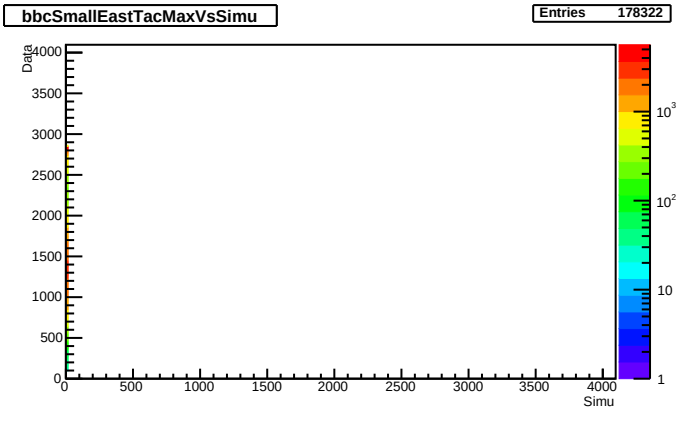

EQ3 QTC
Entries 2.320061e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.320061e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 241673


bbcSmallEastAdcSumVsSimu
Entries 178322
Data
Simu


bbcSmallEastTacMax
Entries 241673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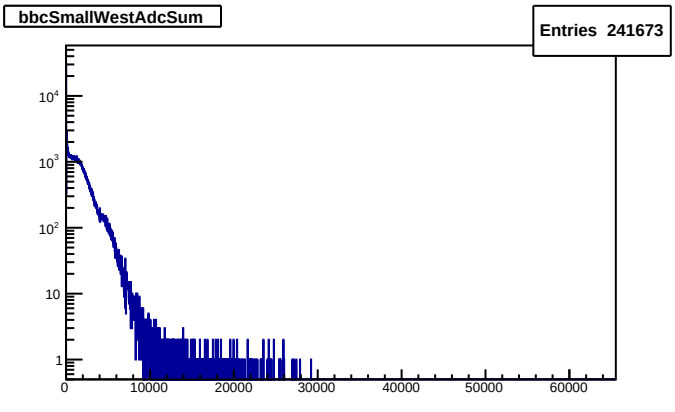
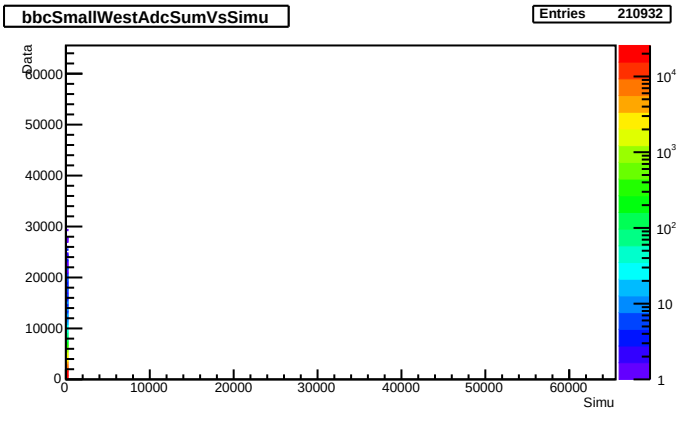
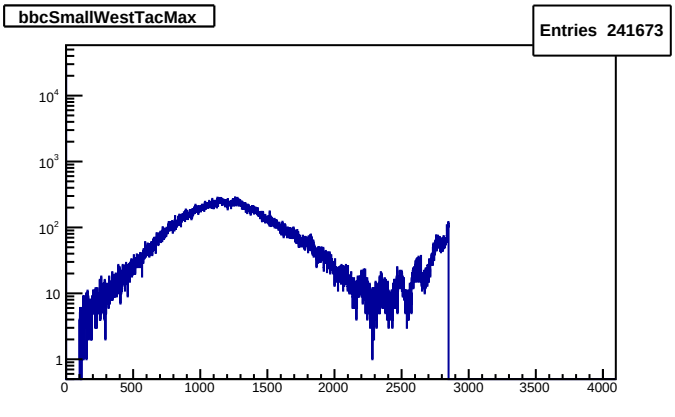
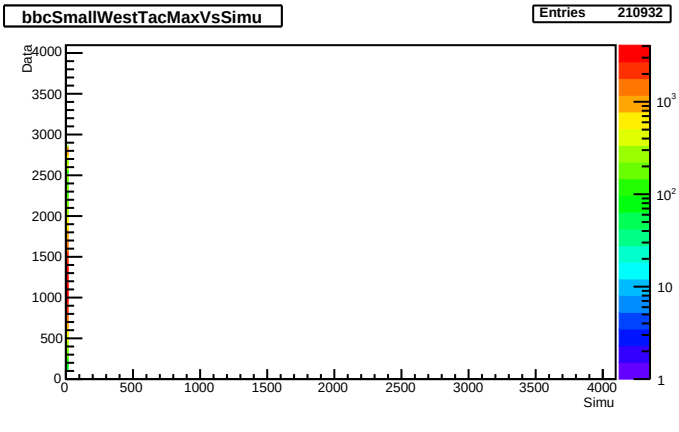
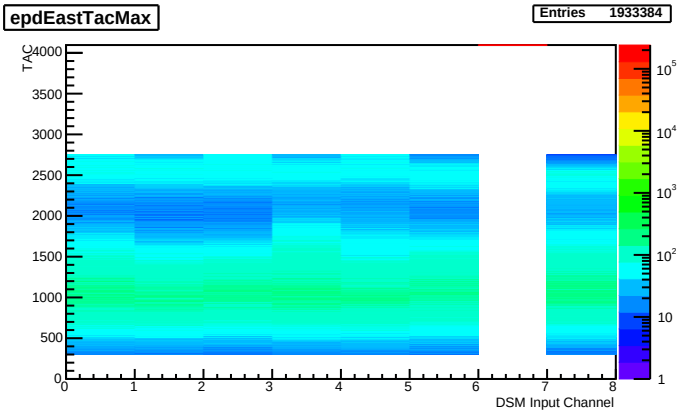
Entries 178322
Data
Simu

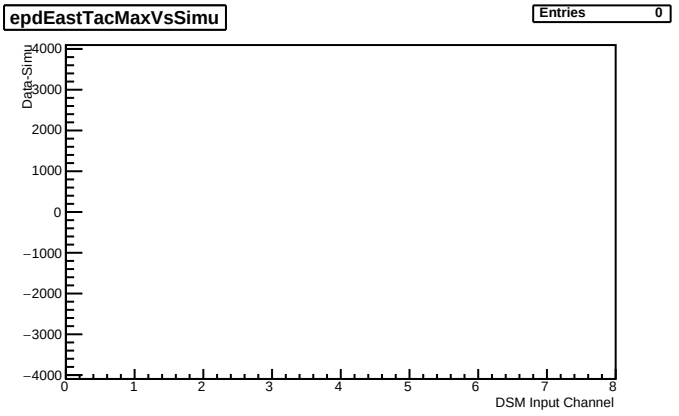

bbcSmallWestAdcSum
Entries 241673


bbcSmallWestAdcSumVsSimu
Entries 210932
Data
Simu


bbcSmallWestTacMax
Entries 241673


bbcSmallWestTacMaxVsSimu
Entries 210932
Data
Simu


epdEastTacMax
Entries 1933384
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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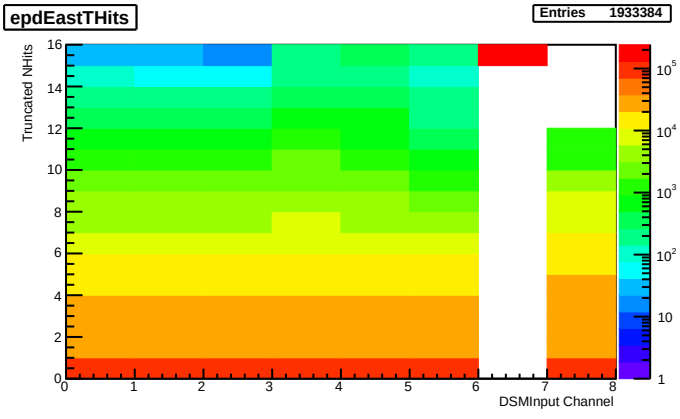
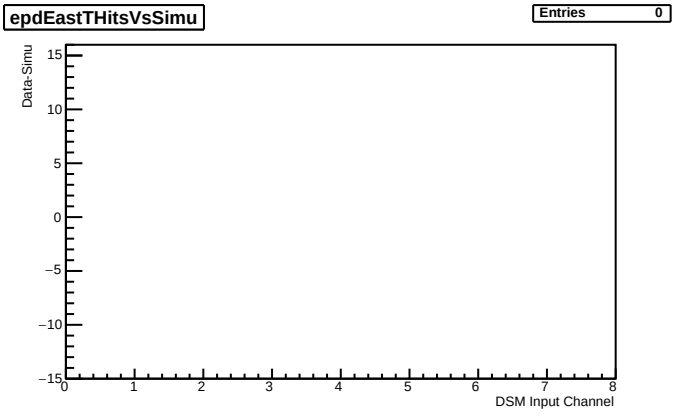

epdEastTHits
Entries 1933384
Truncated NHits
DSMInput Channel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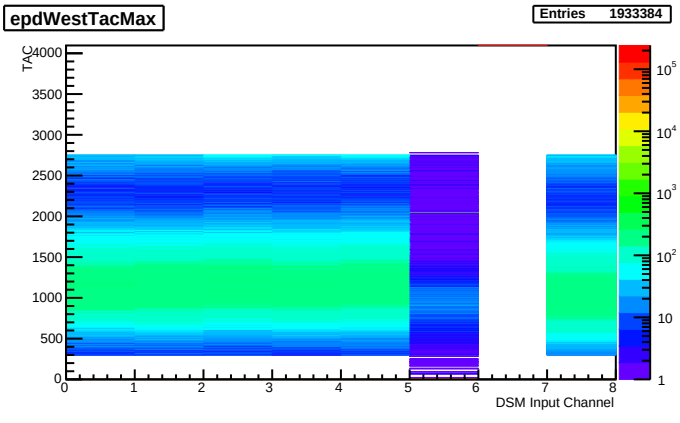
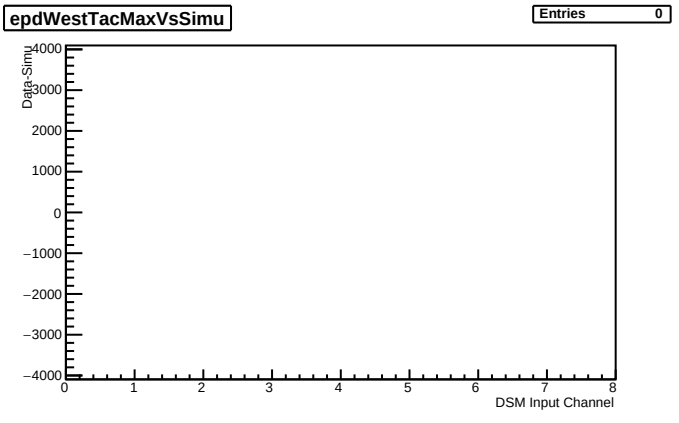
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1933384
TAC
DSM Input Channel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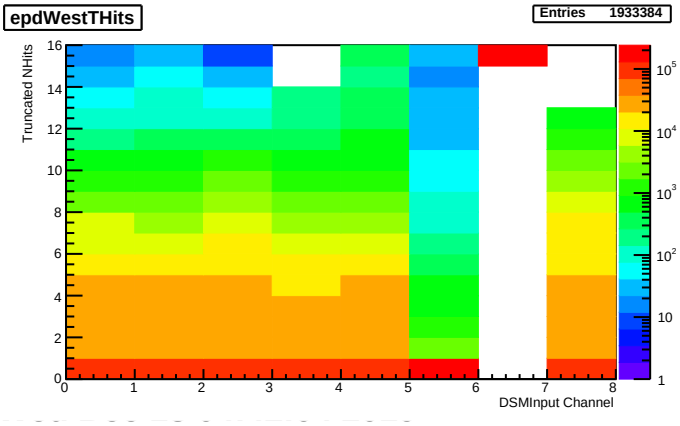
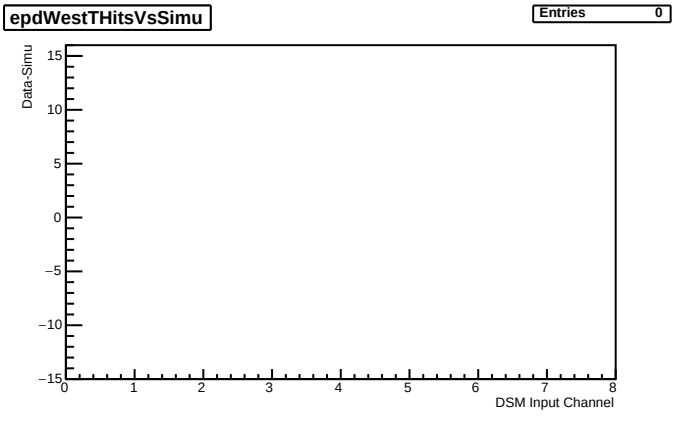
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1933384
Truncated NHits
DSMInput Channel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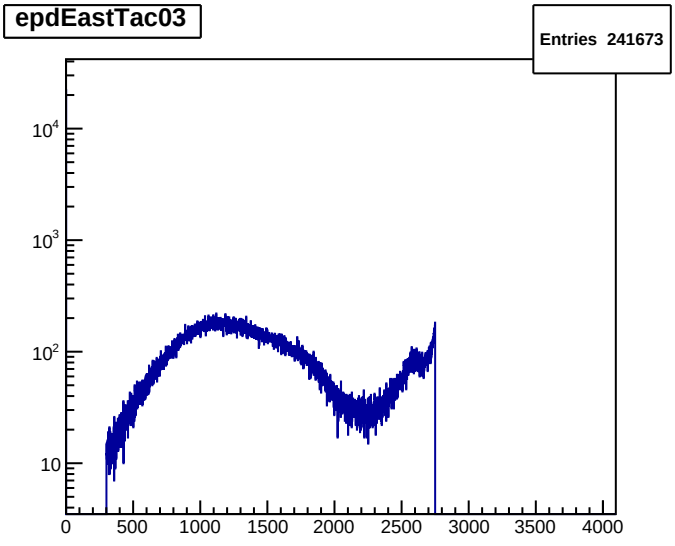
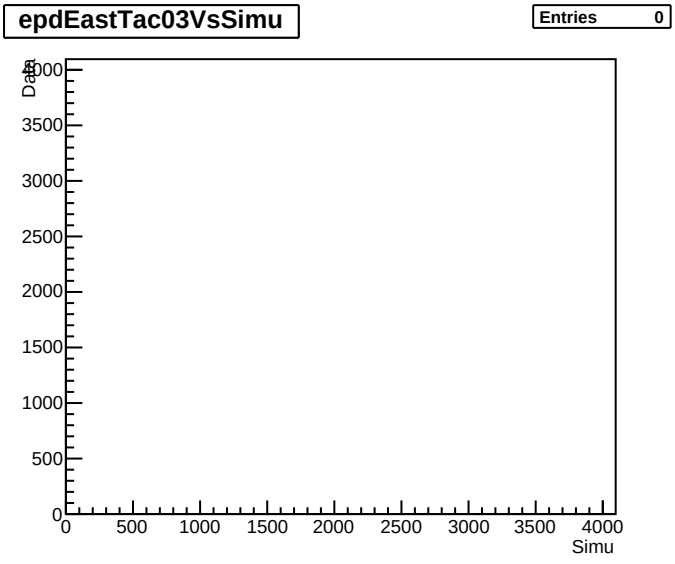
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 241673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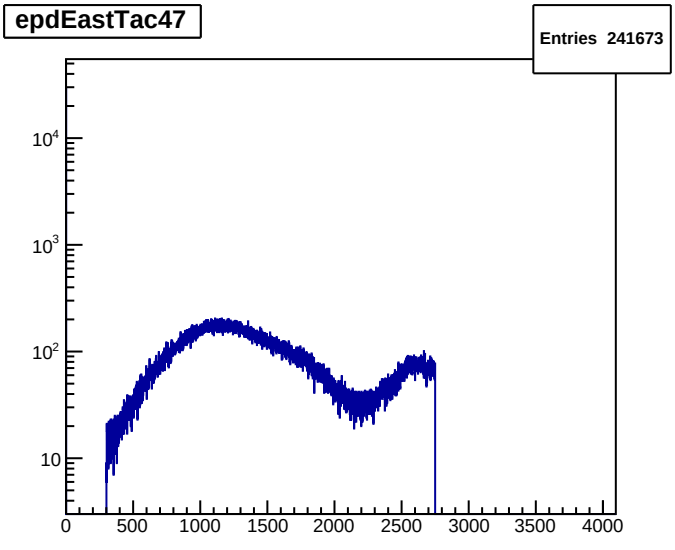
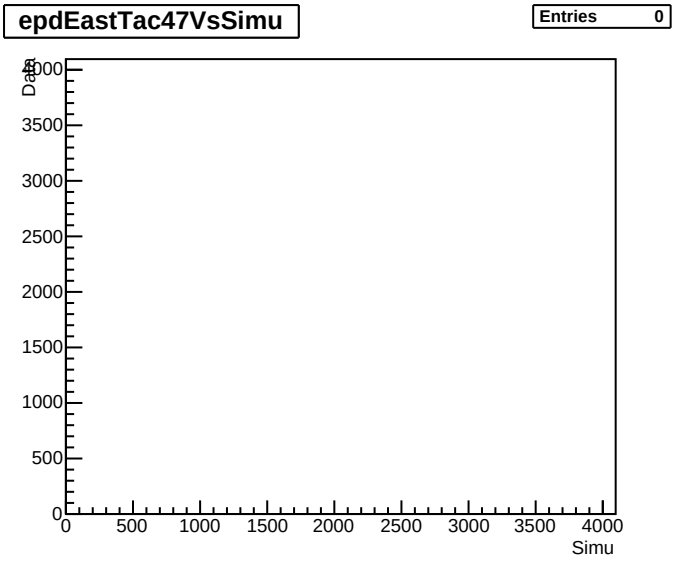
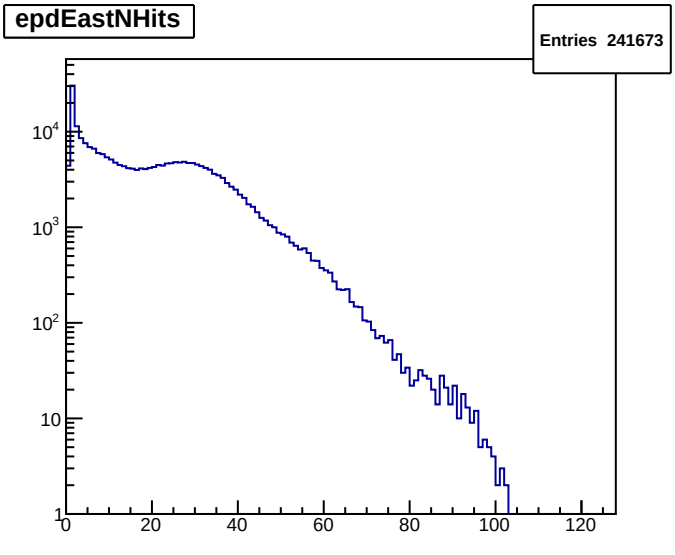
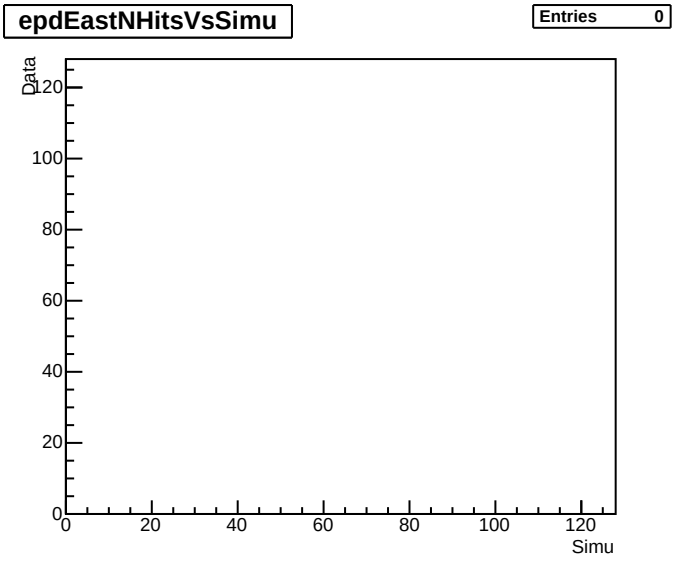
Entries 0
Data
Simu


epdEastTac47
Entries 241673


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 241673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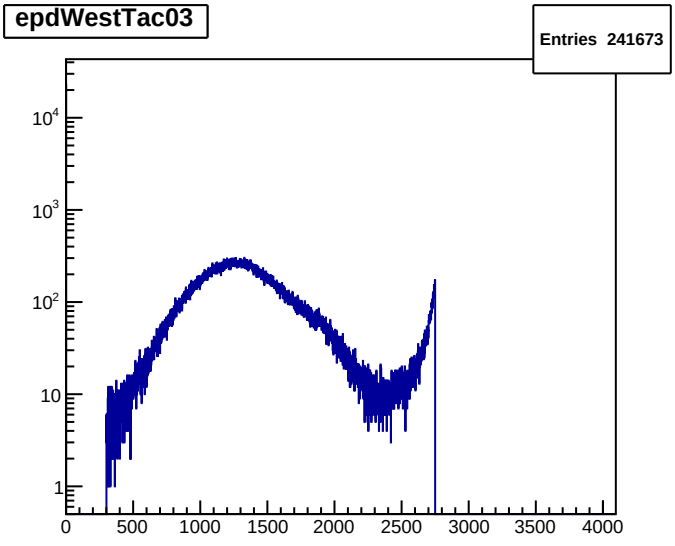
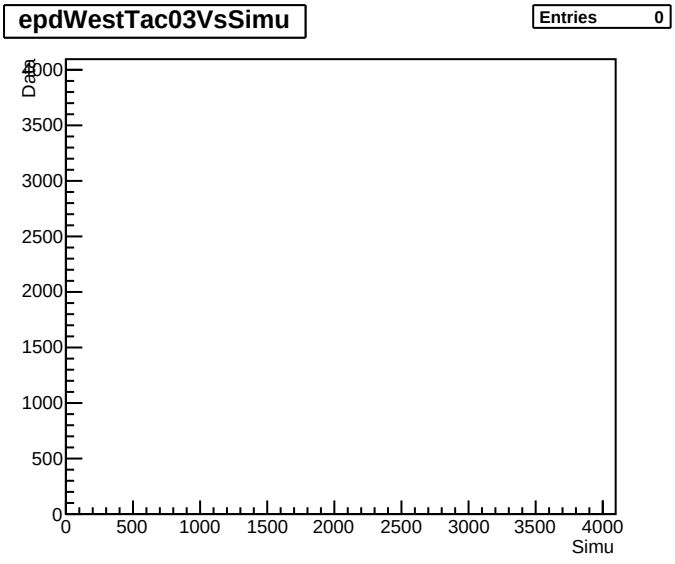
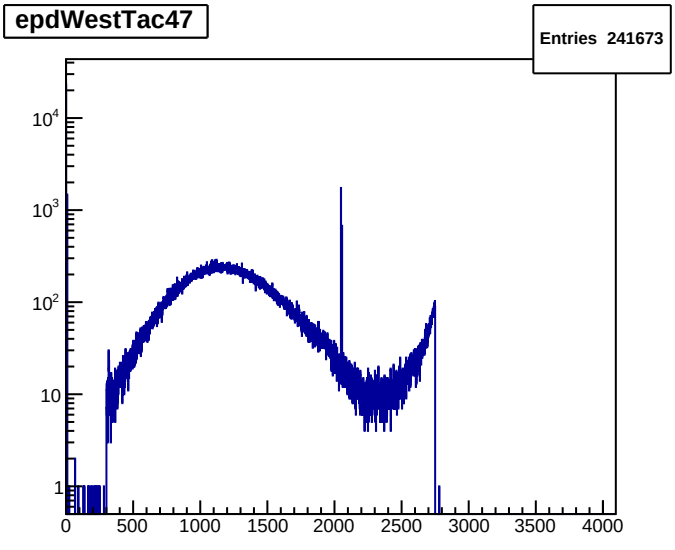
Entries 0
Data
Simu


epdWestTac03
Entries 241673


epdWestTac03VsSimu
Entries 0
Data
Simu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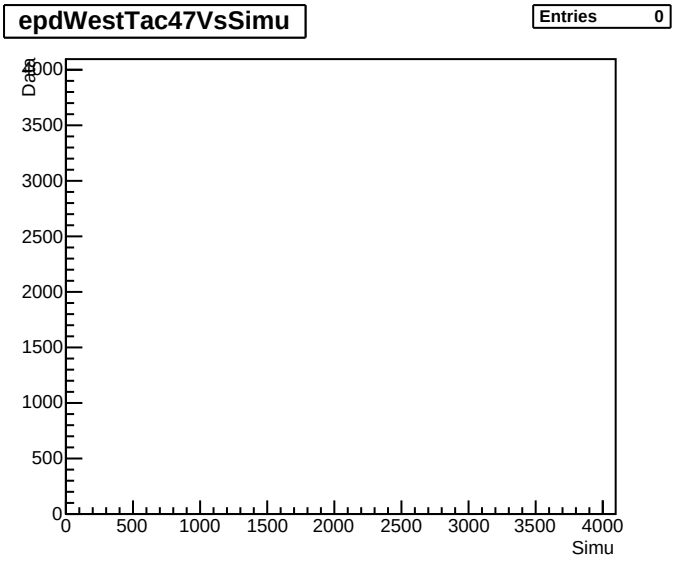
Entries 241673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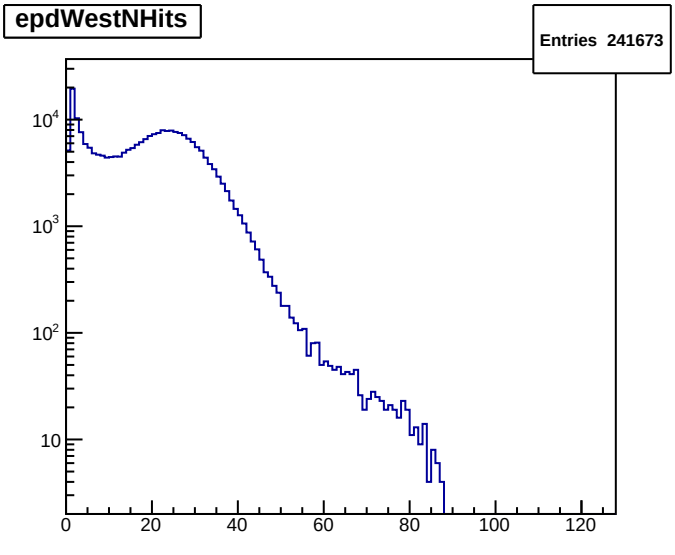
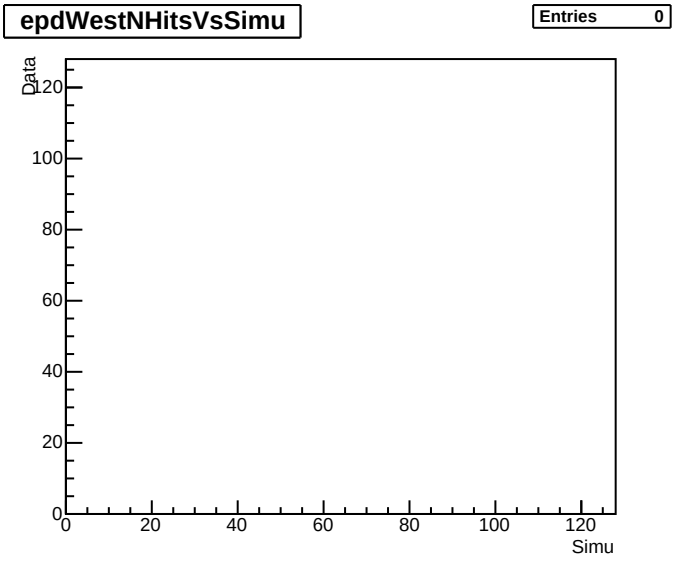
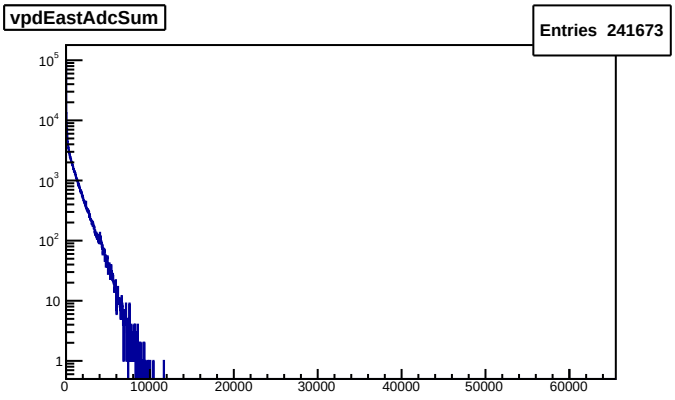
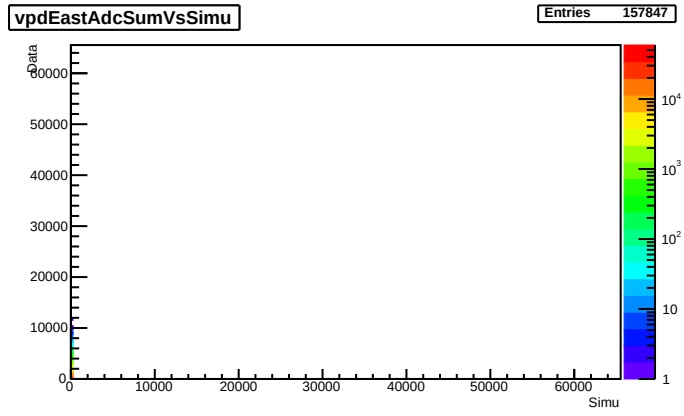
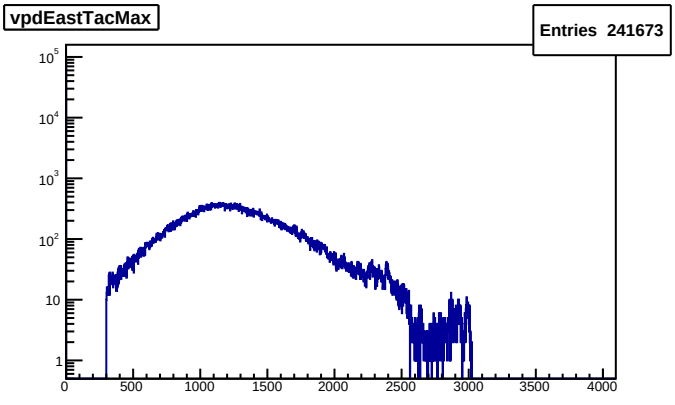
Entries 0
Data
Simu

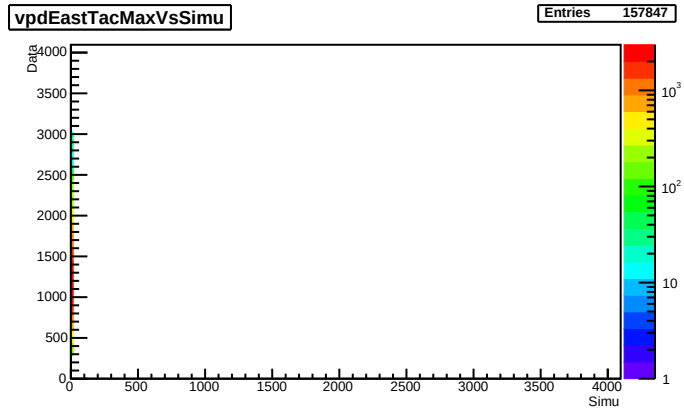

epdWestNHits
Entries 241673

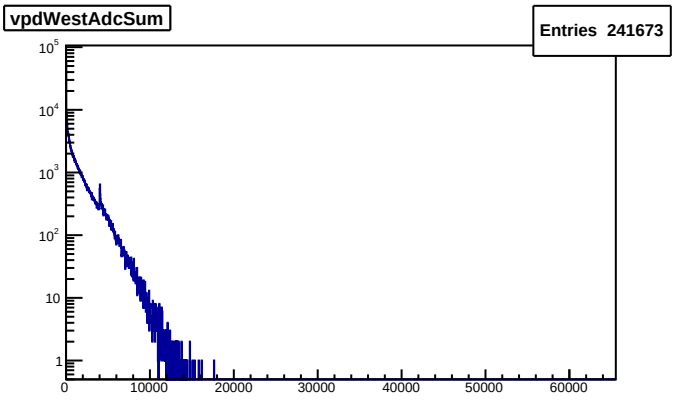

epdWestNHitsVsSimu
Entries 0
Data
Simu

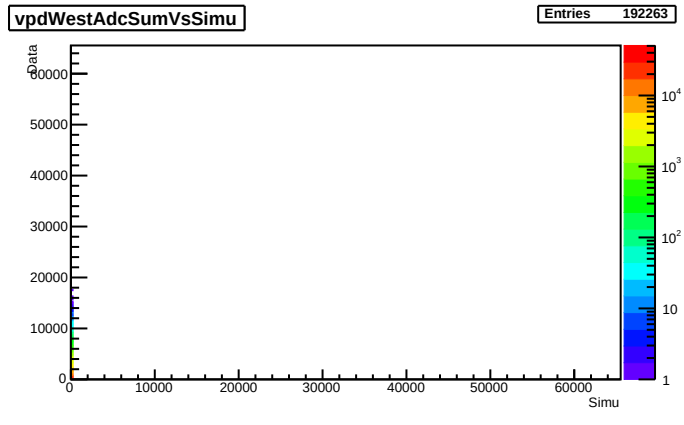

vpdEastAdcSum
Entries 241673

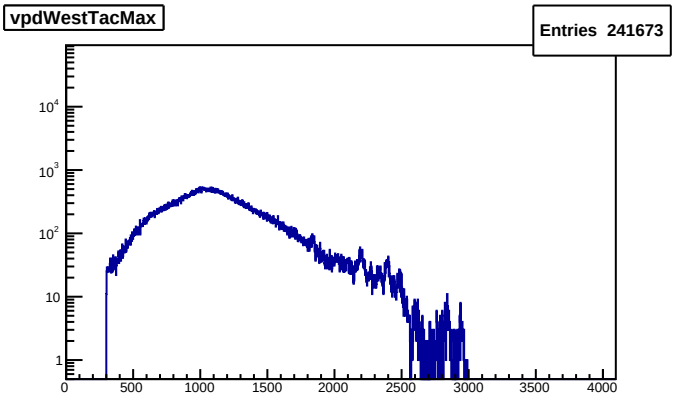

vpdEastAdcSumVsSimu
Entries 157847
Data
Simu

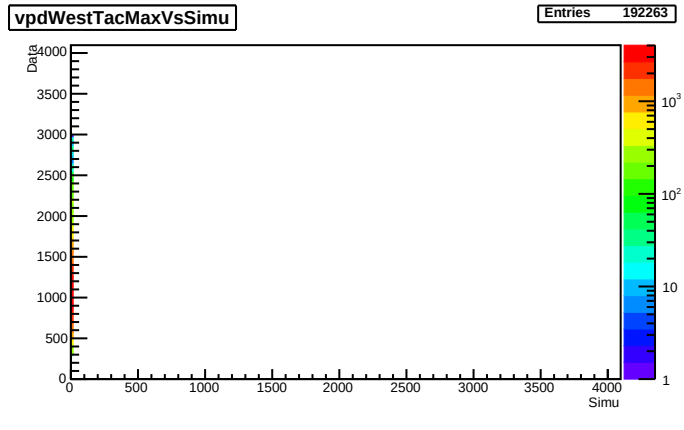

vpdEastTacMax
Entries 241673

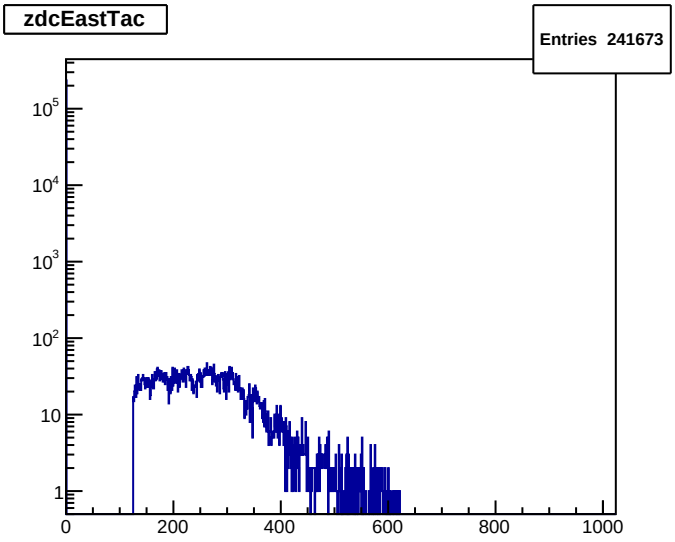

vpdEastTacMaxVsSimu
Entries 157847
Data
Simu

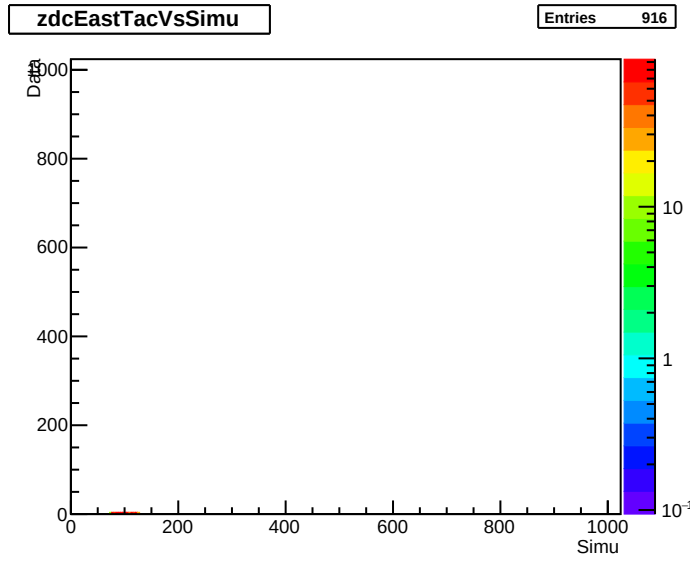

vpdWestAdcSum
Entries 241673

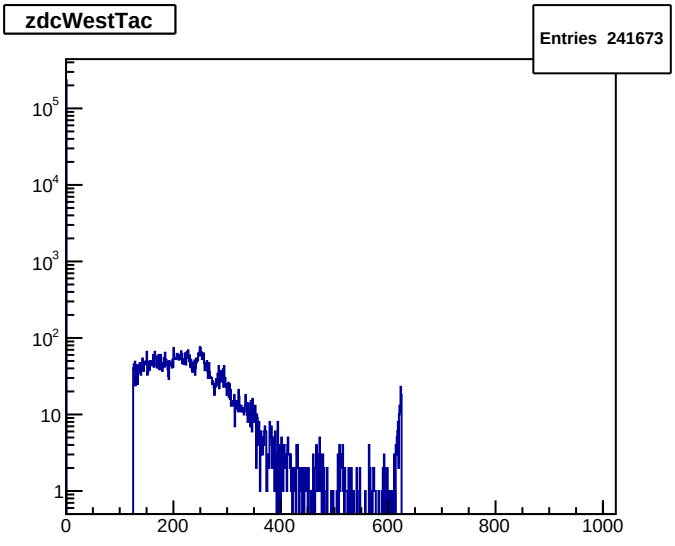

vpdWestAdcSumVsSimu
Entries 192263
Data
Simu

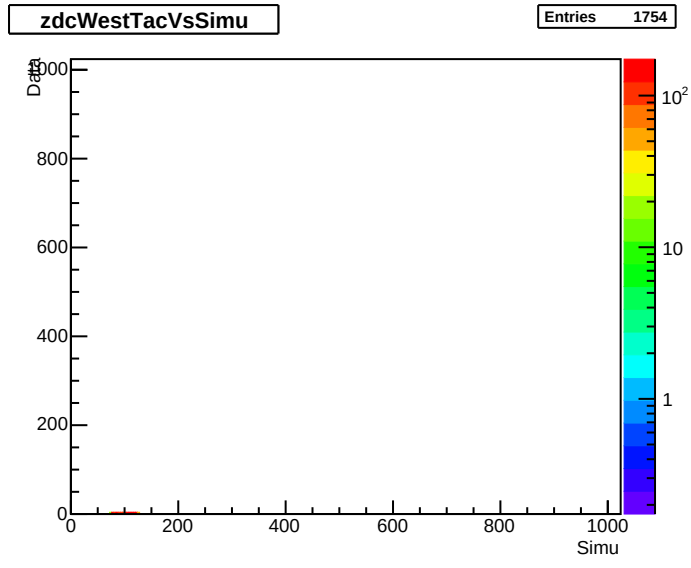

vpdWestTacMax
Entries 241673

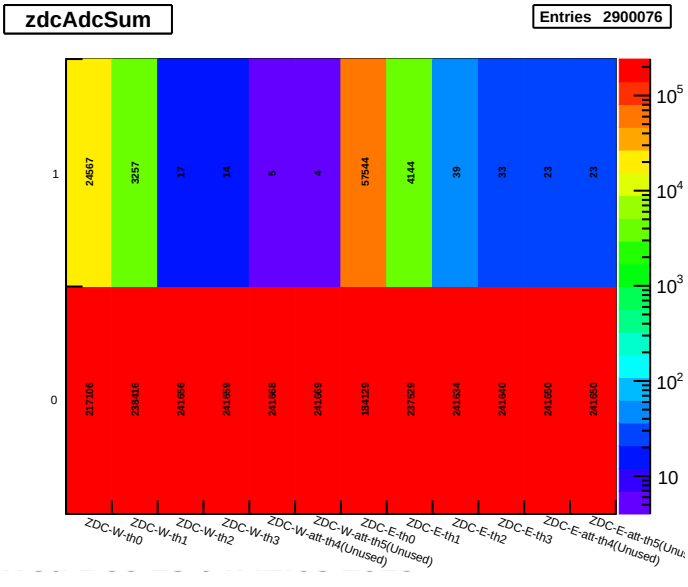

vpdWestTacMaxVsSimu
Entries 192263
Data
Simu

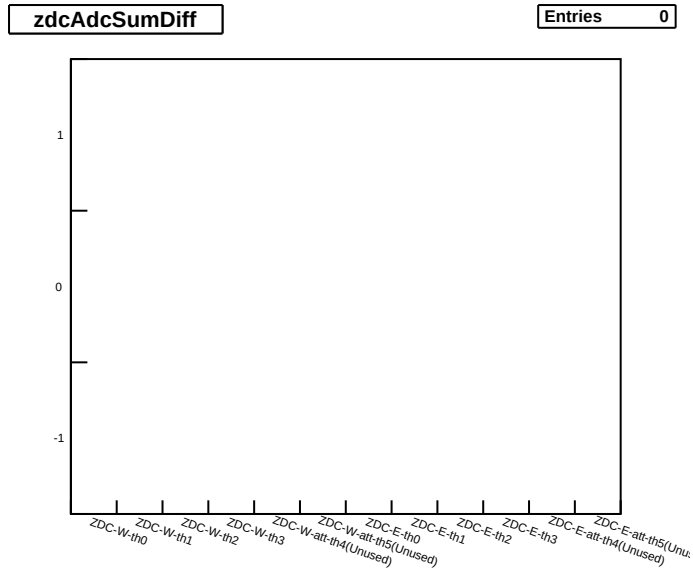

zdcEastTac
Entries 241673

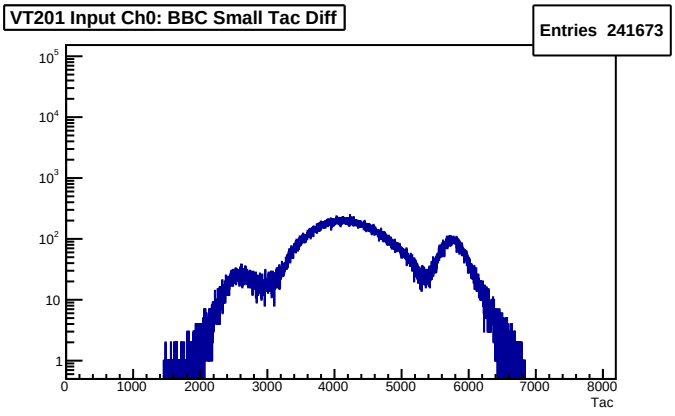

zdcEastTacVsSimu
Entries 916
Data
Simu

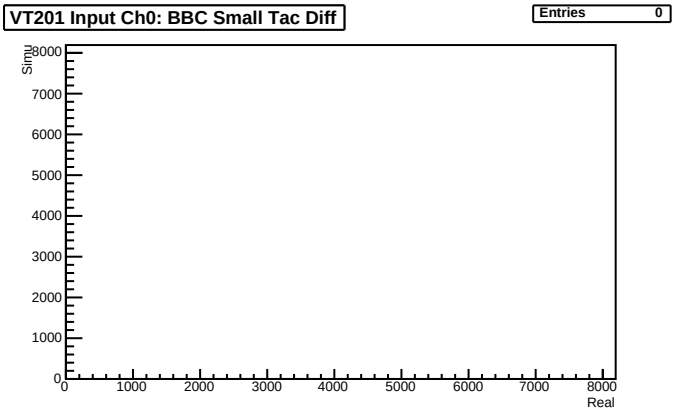

zdcWestTac
Entries 241673

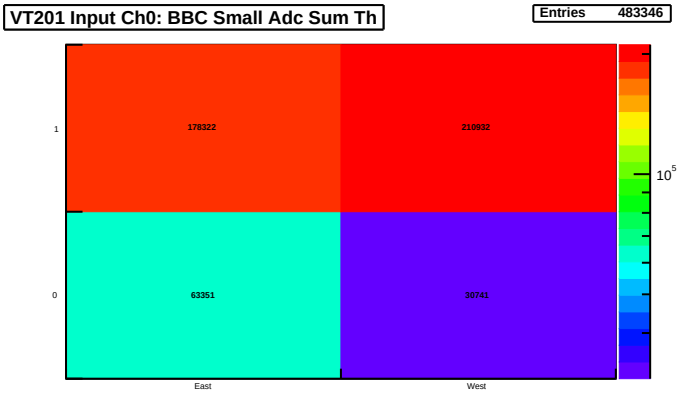

zdcWestTacVsSimu
Entries 1754
Data
Simu

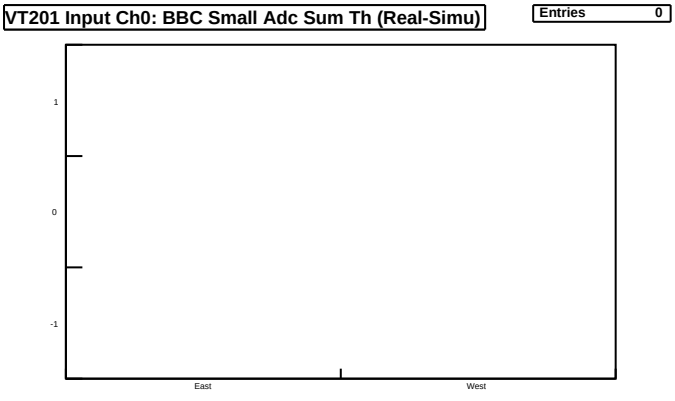

zdcAdcSum
Entries 2900076
24567
3257
17
14
5
4
57544
4144
39
33
23
23
217106
238416
241656
241659
241668
241669
184129
237529
241634
241640
241650
241650
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

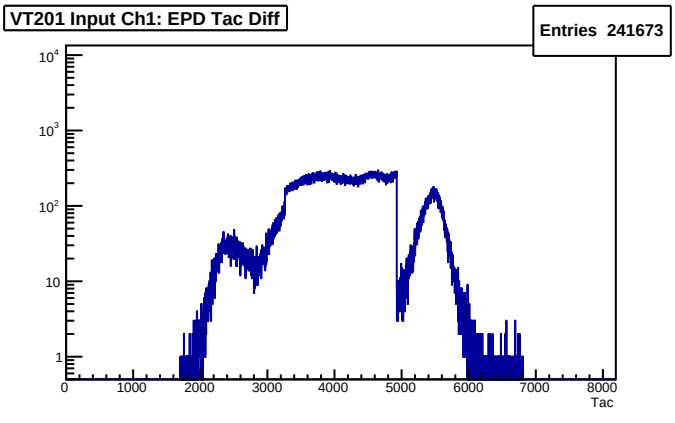

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

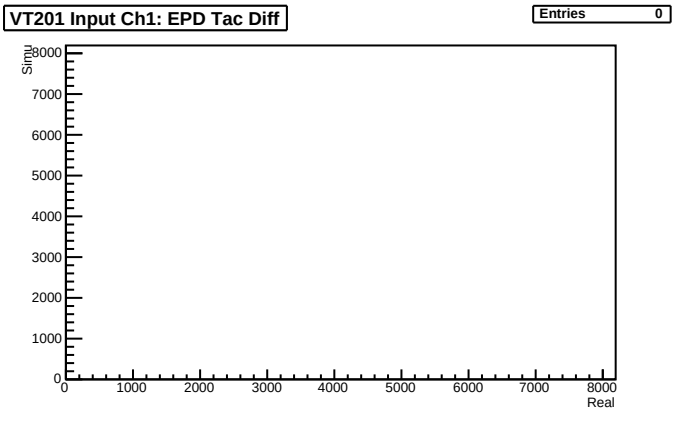

VT201 Input Ch0: BBC Small Tac Diff
Entries 241673
Tac

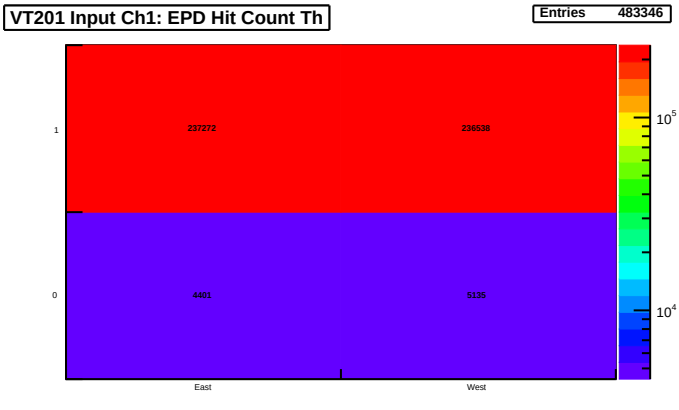

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

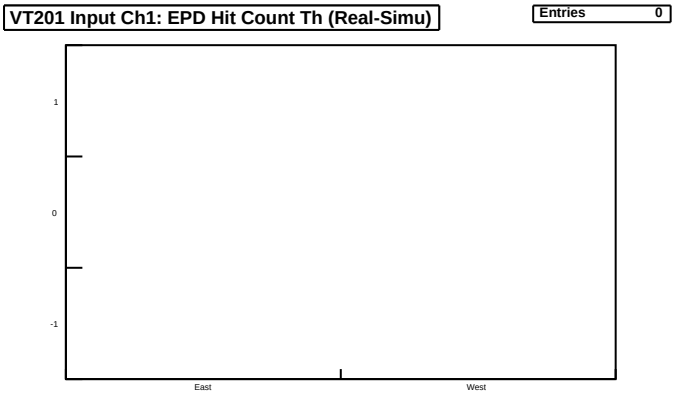

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 483346
178322
210932
63351
30741
East
West

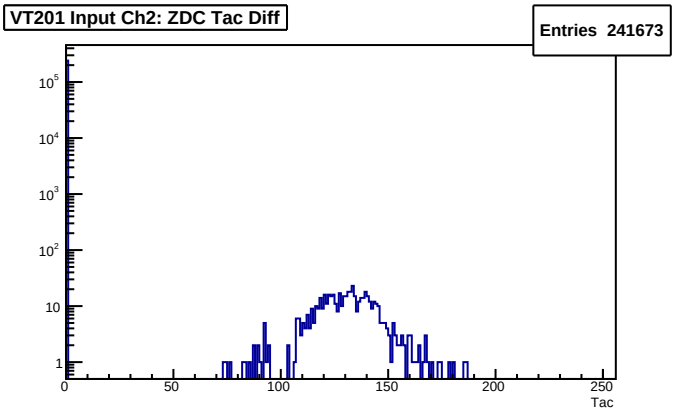

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

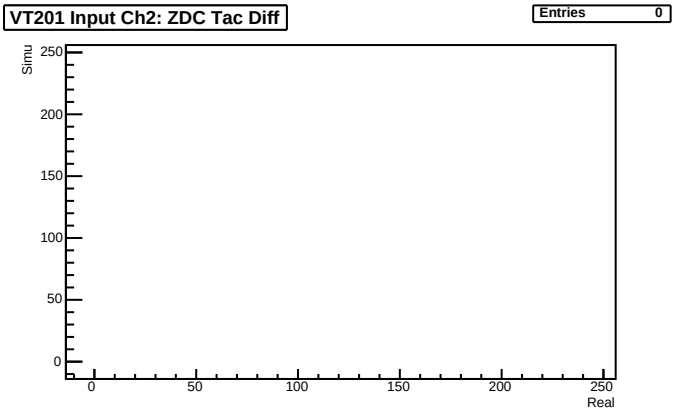

VT201 Input Ch1: EPD Tac Diff
Entries 241673
Tac

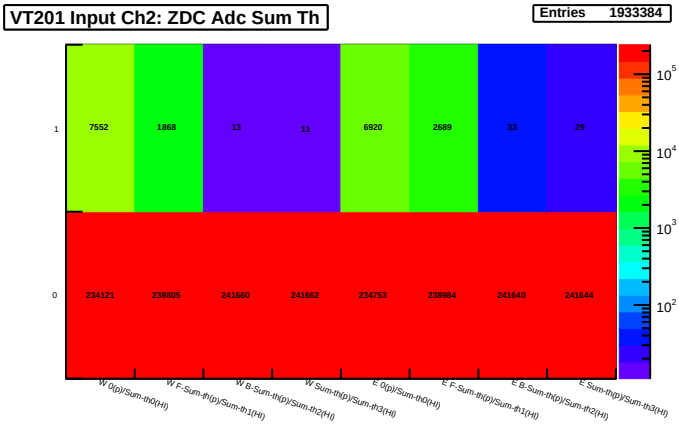

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

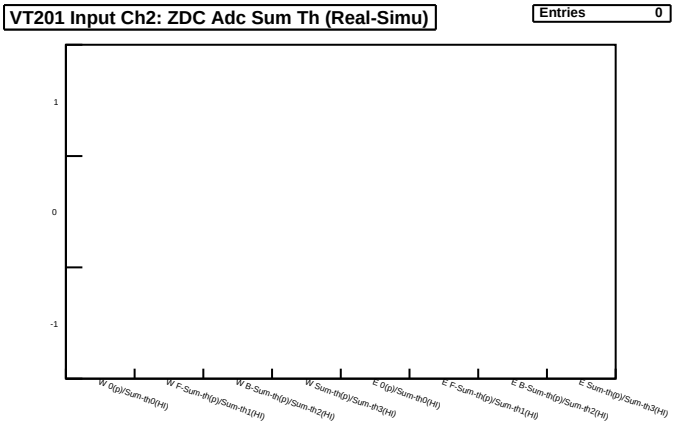

VT201 Input Ch1: EPD Hit Count Th
Entries 483346
237272
230538
4401
5135
East
West

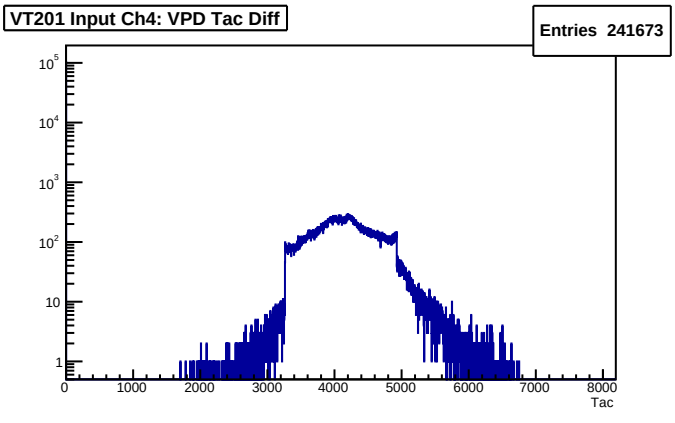

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

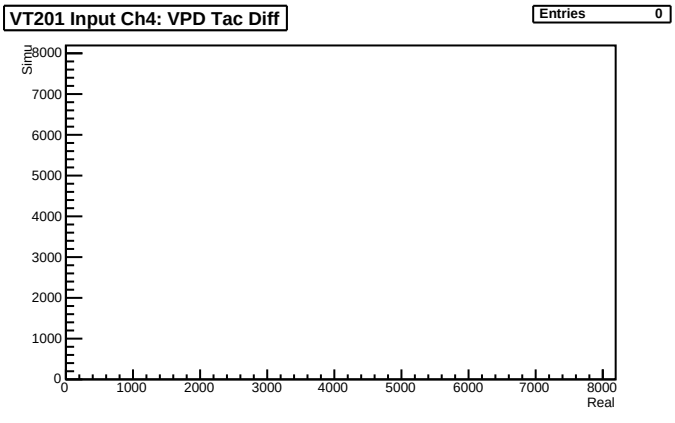

VT201 Input Ch2: ZDC Tac Diff
Entries 241673
Tac

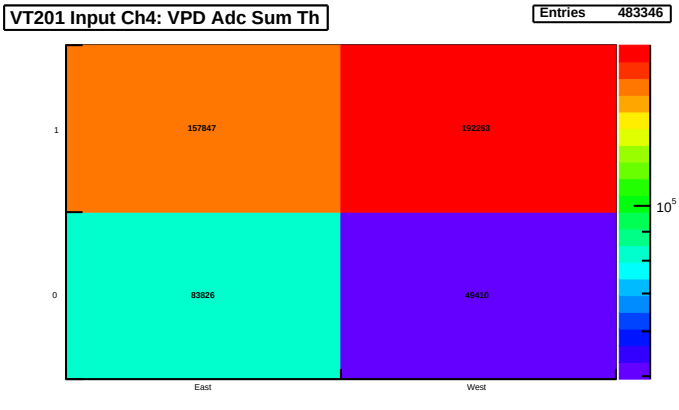

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

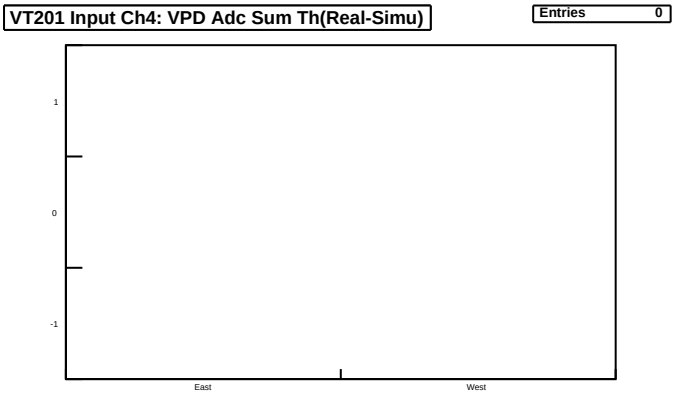

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1933384
7552
1868
13
11
6920
2689
33
29
234121
239805
241660
241662
234753
238984
241640
241644
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

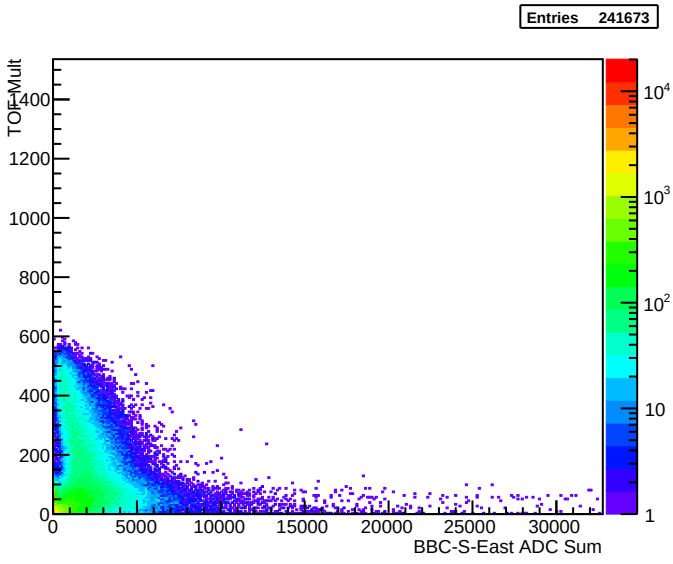

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

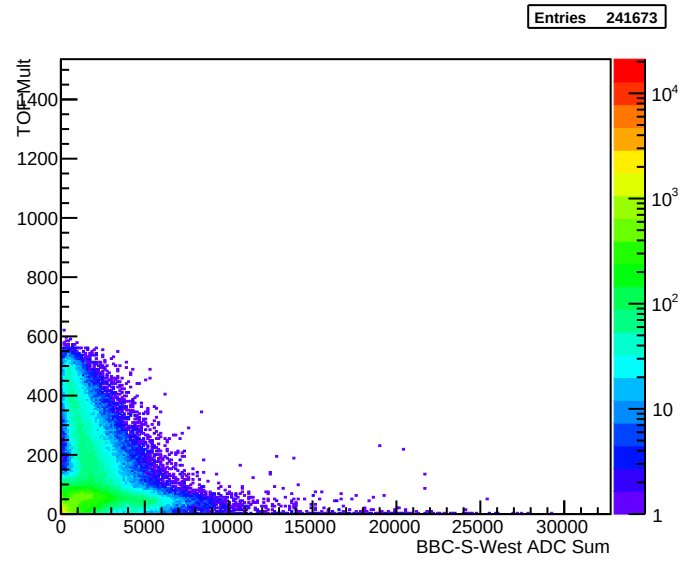

VT201 Input Ch4: VPD Tac Diff
Entries 241673
Tac

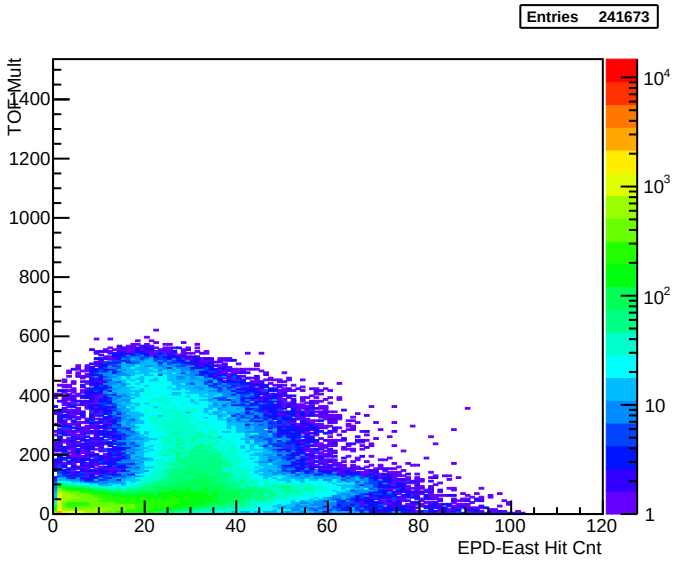

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

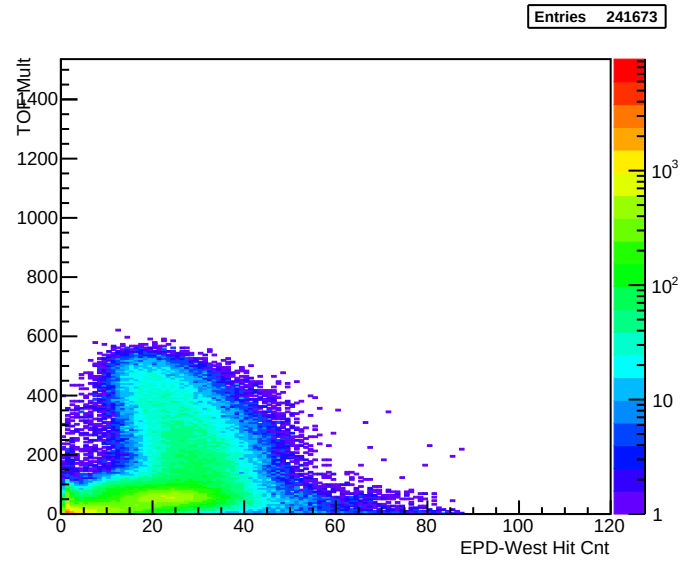

VT201 Input Ch4: VPD Adc Sum Th
Entries 483346
157847
192263
83826
49410
East
West

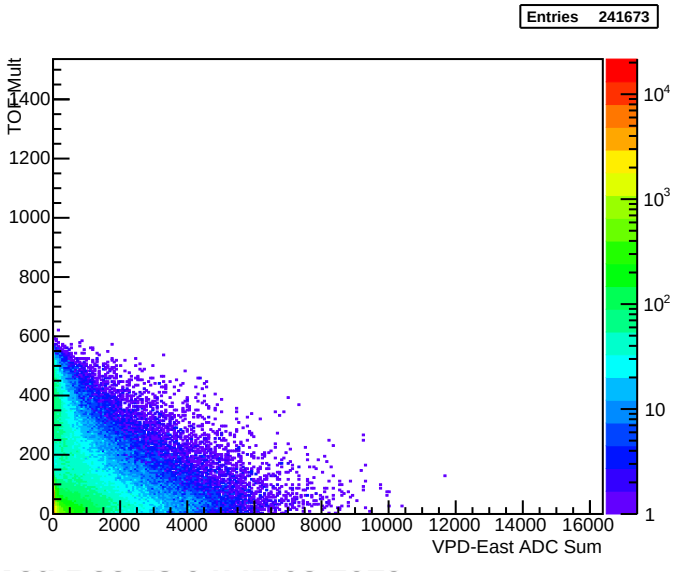

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

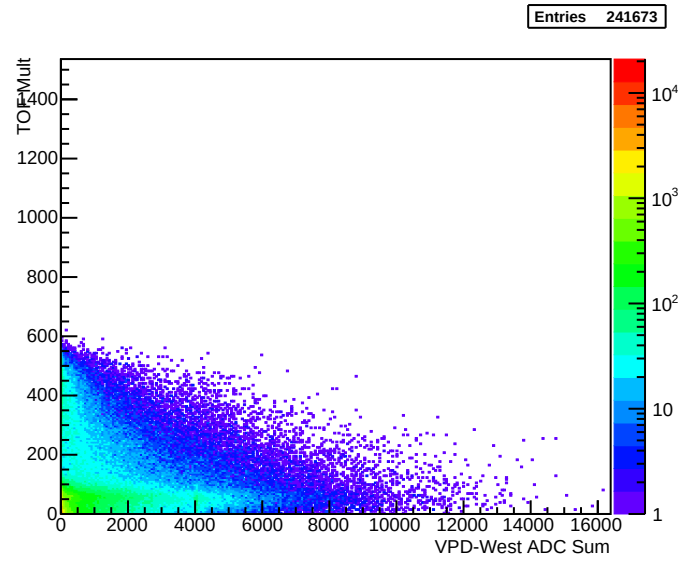

Entries 241673
TOF-Mult
BBC-S-East ADC Sum

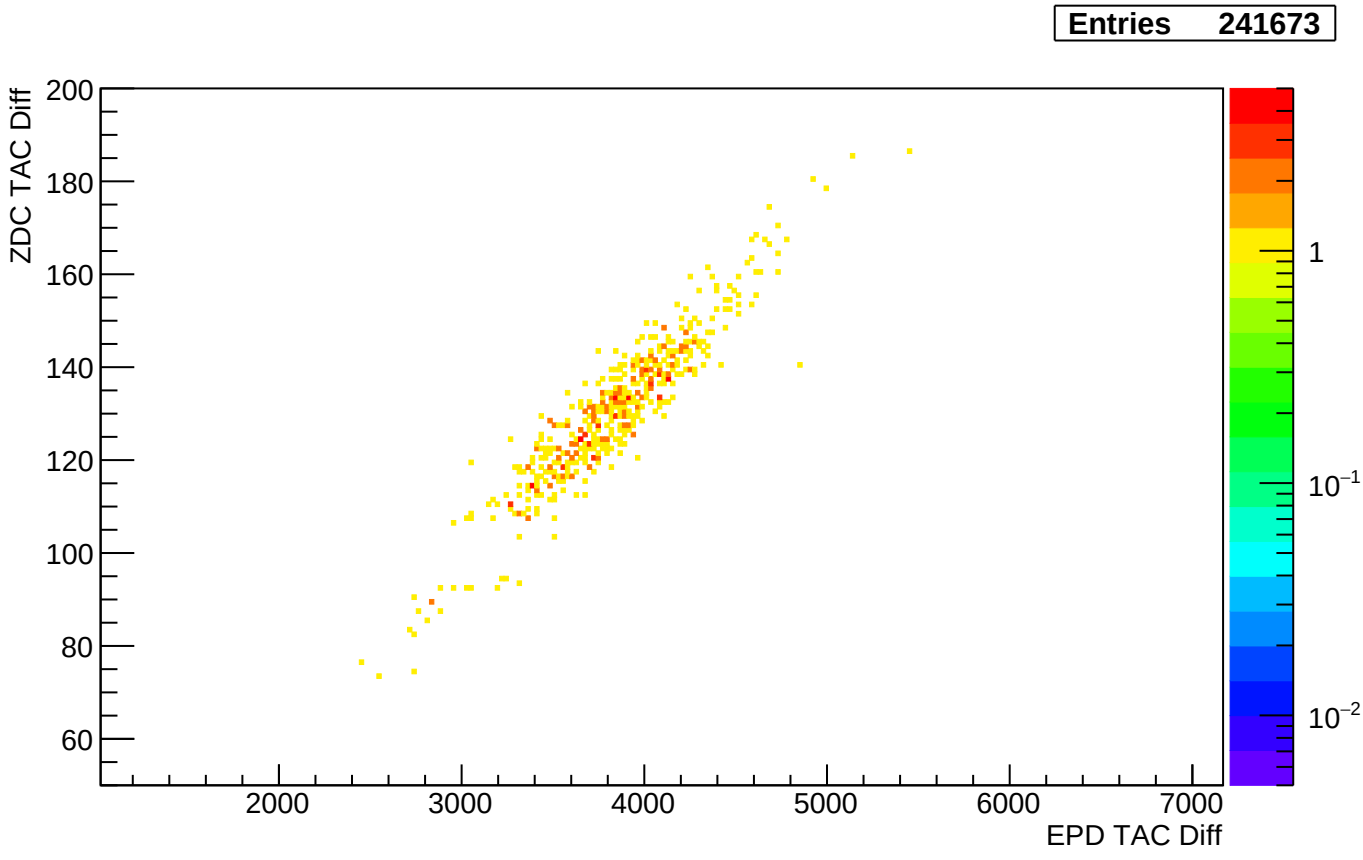

Entries 241673
TOF-Mult
BBC-S-West ADC Sum

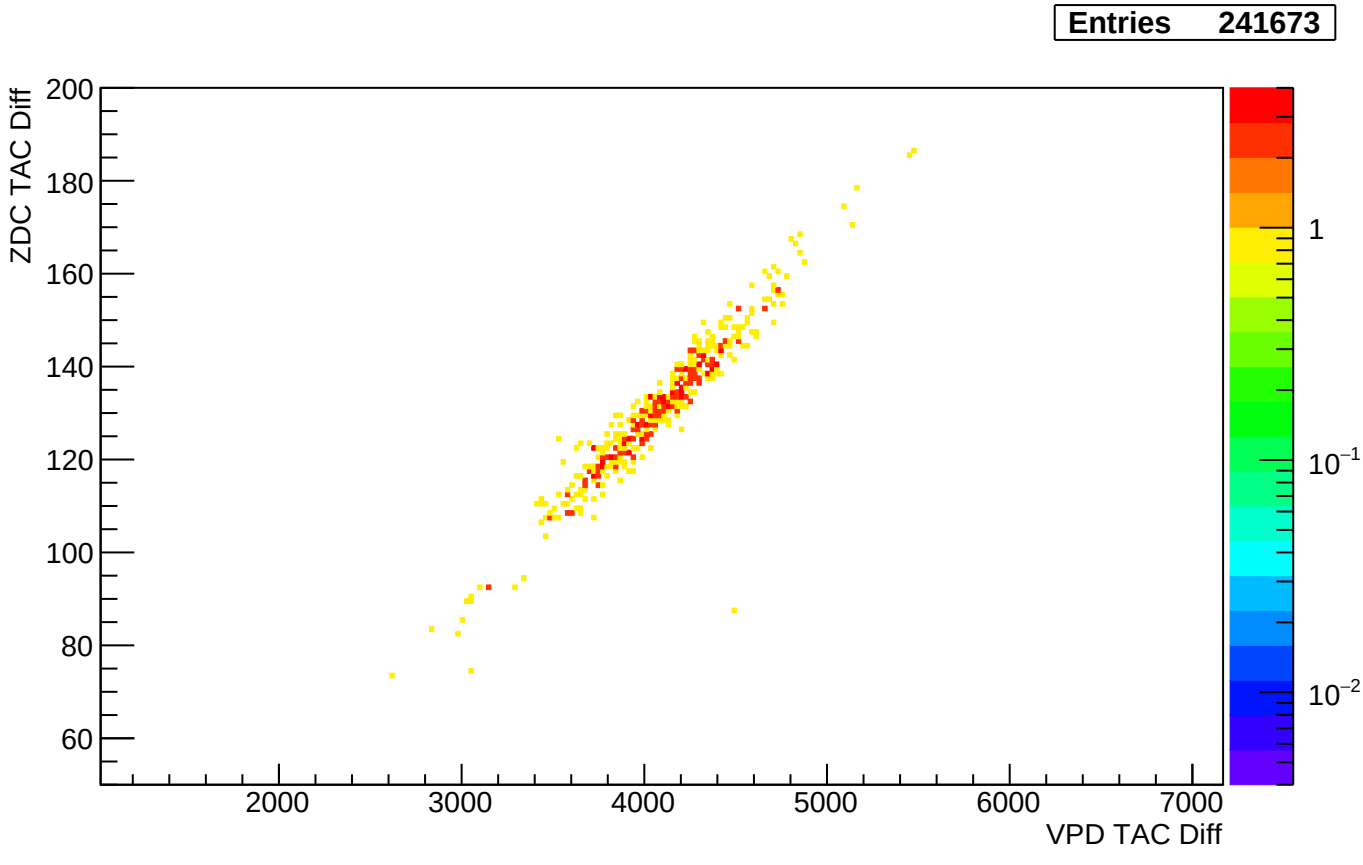

Entries 241673
TOF-Mult
EPD-East Hit Cnt

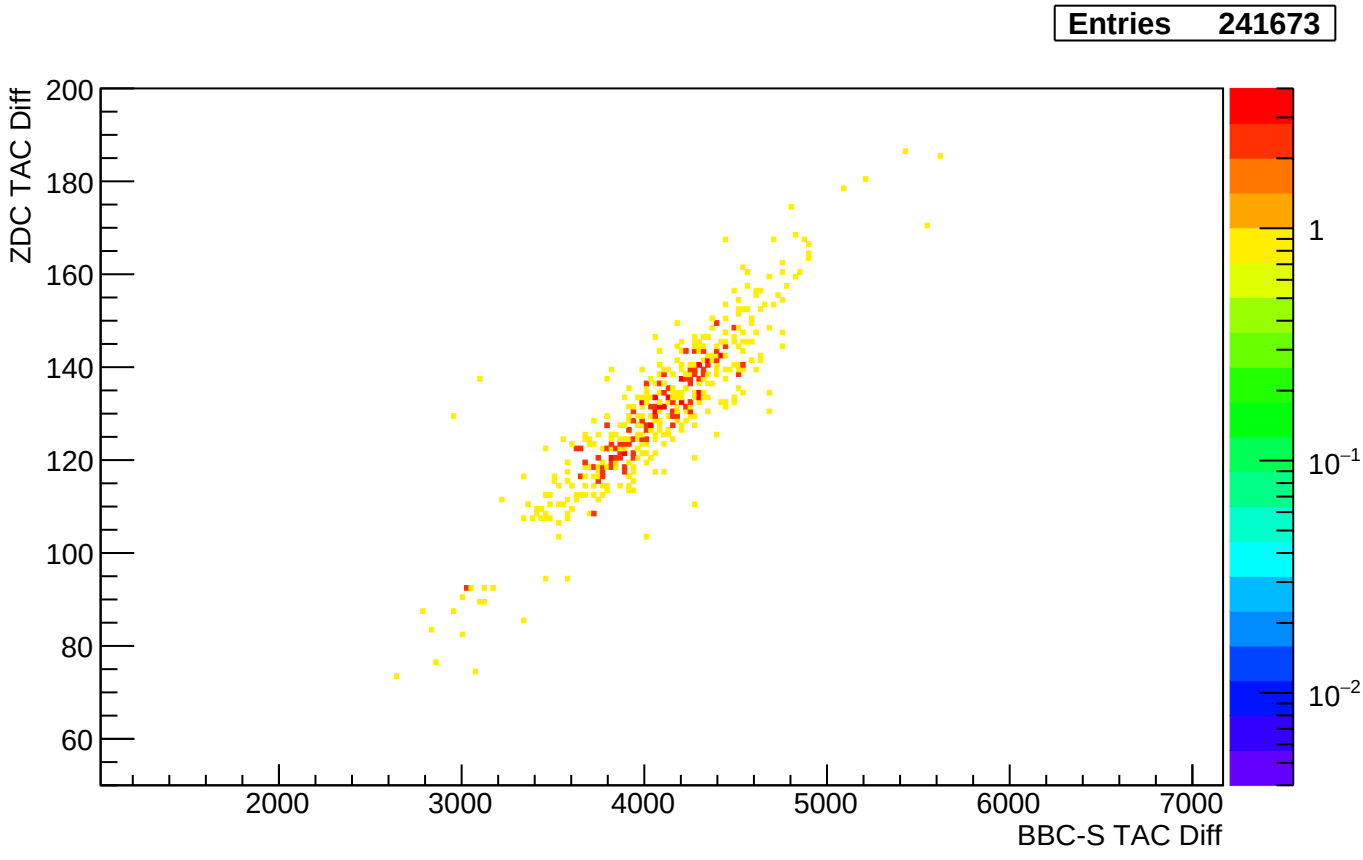

Entries 241673
TOF-Mult
EPD-West Hit Cnt

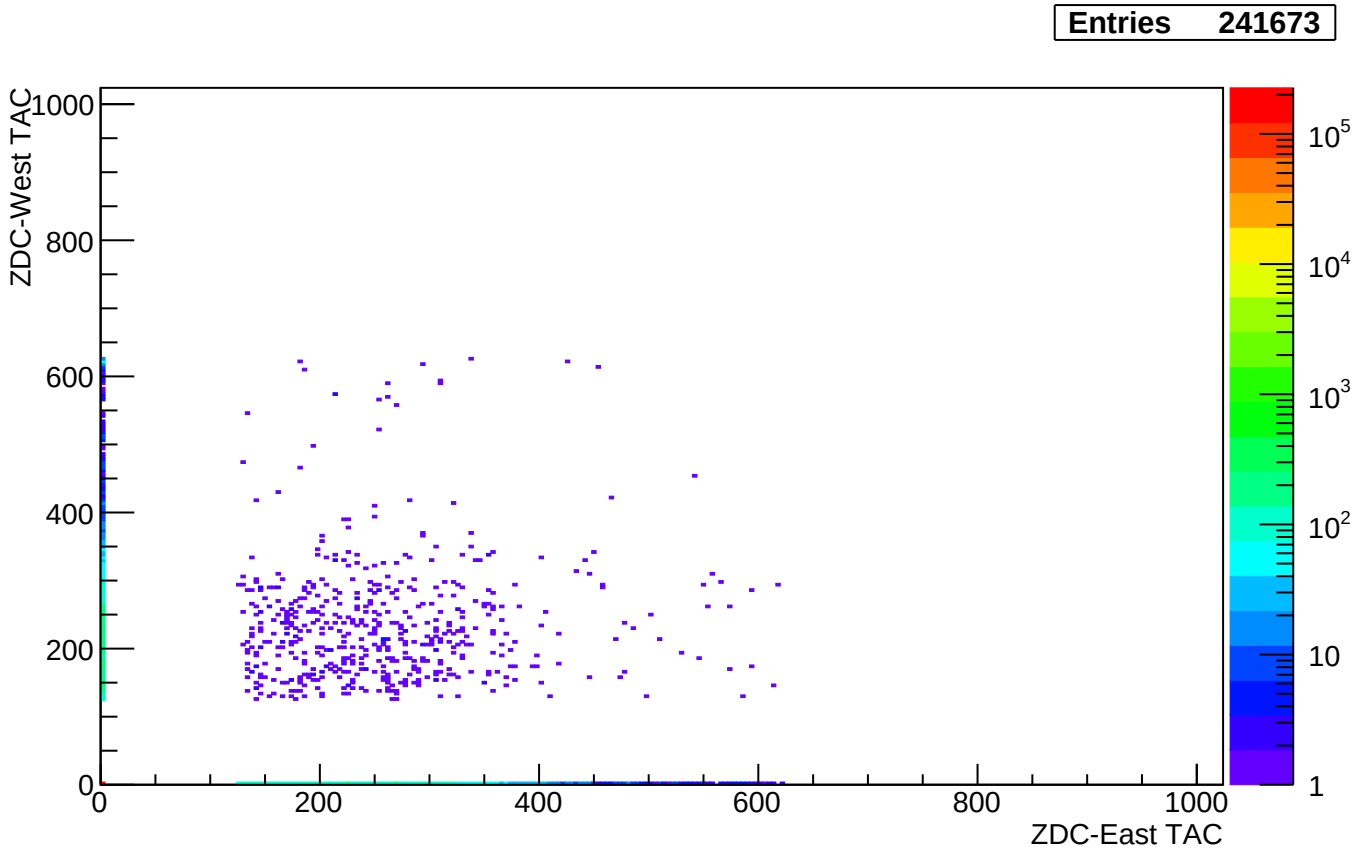

Entries 241673
TOF-Mult
VPD-East ADC Sum

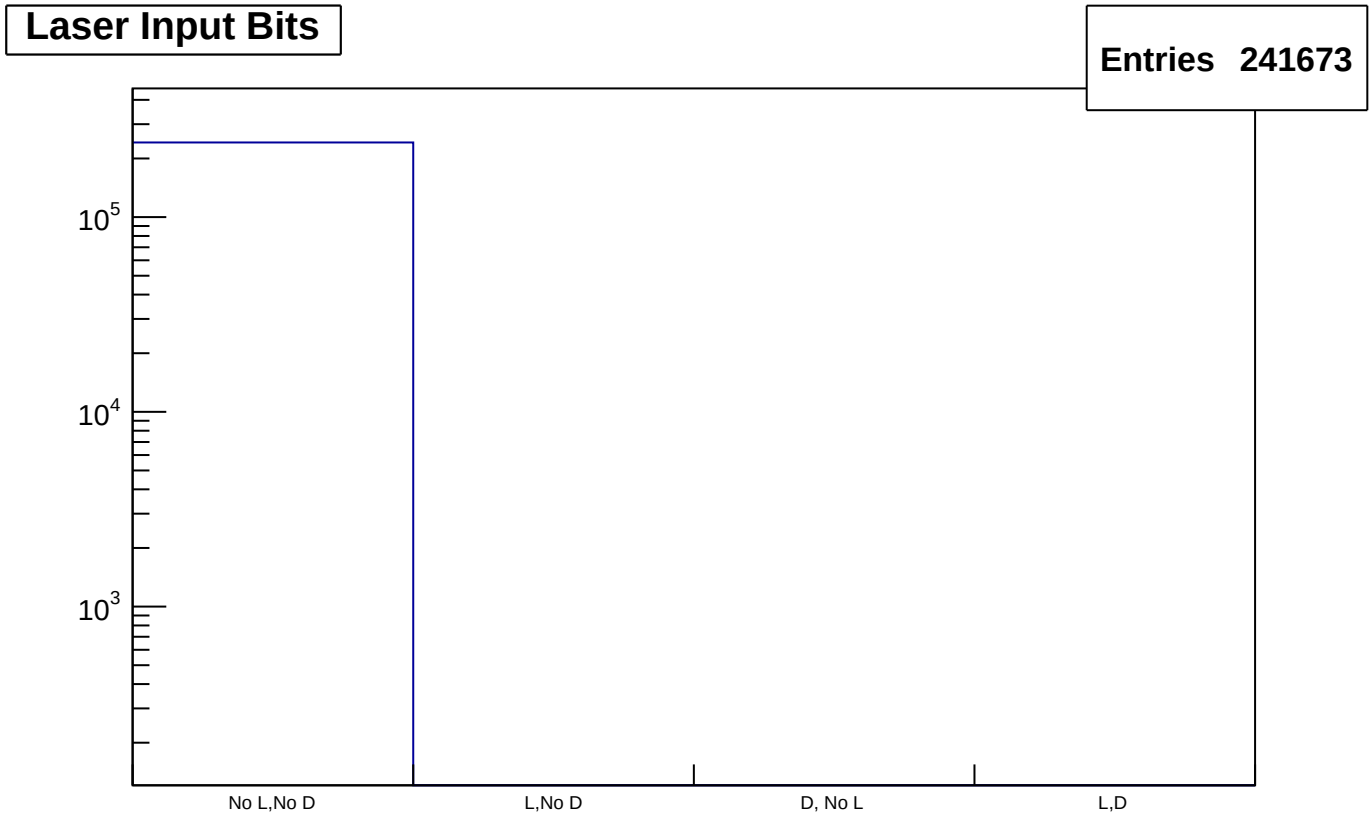

Entries 241673
TOF-Mult
VPD-West ADC Sum

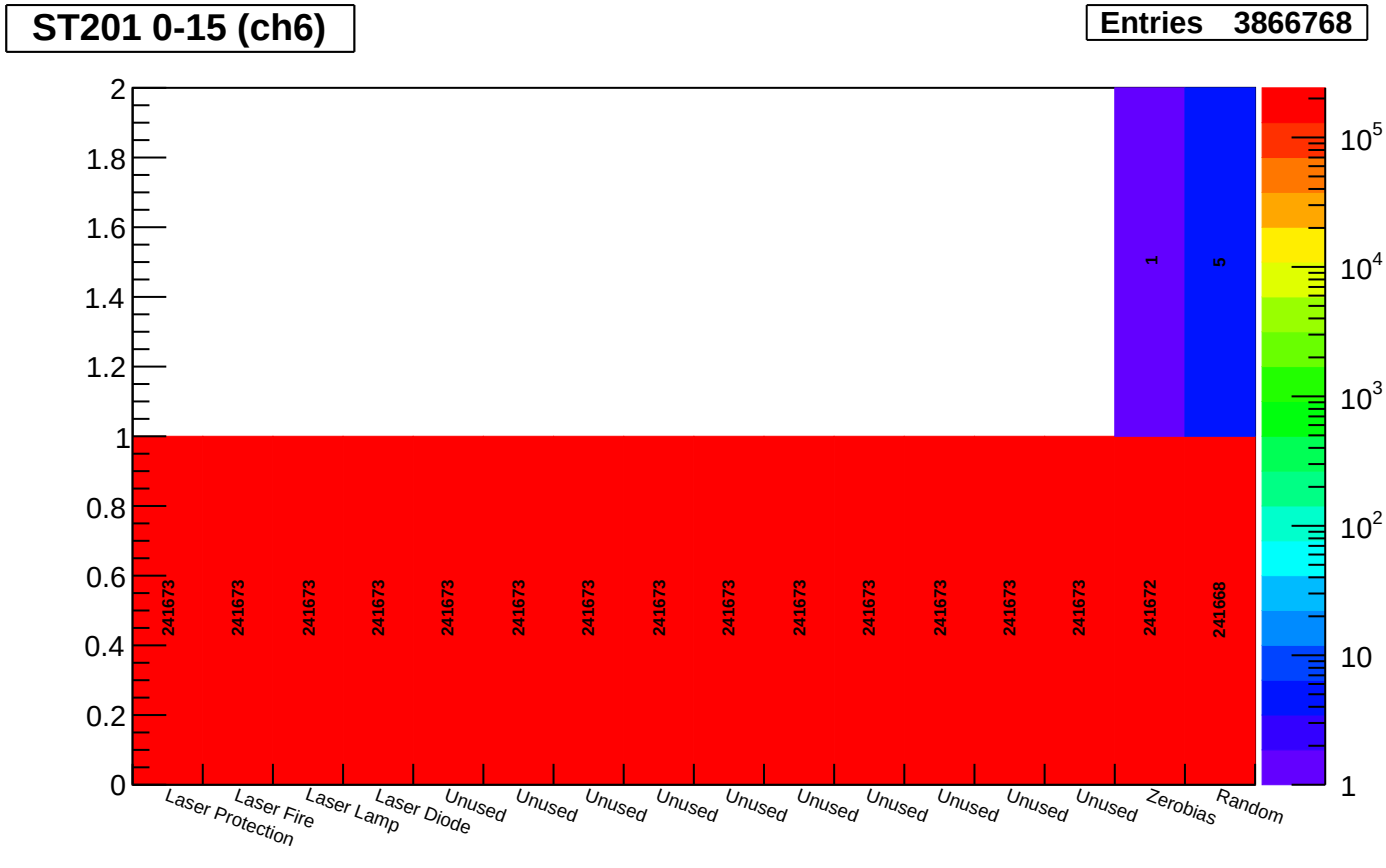

Entries 241673
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

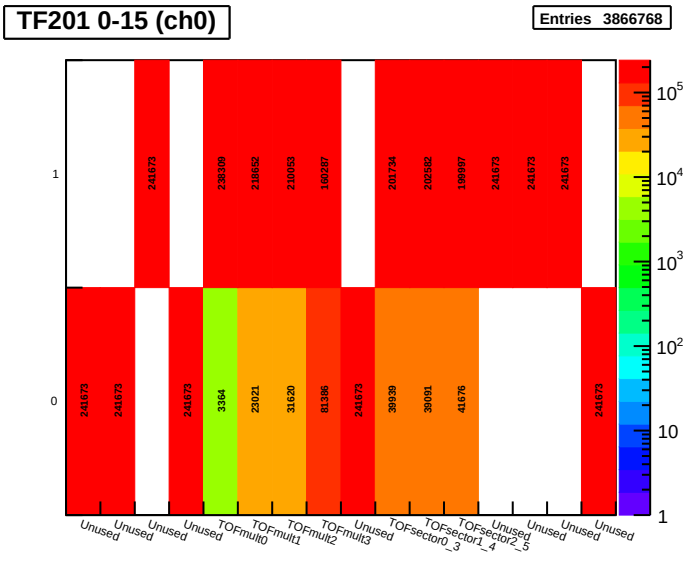

Entries 241673
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

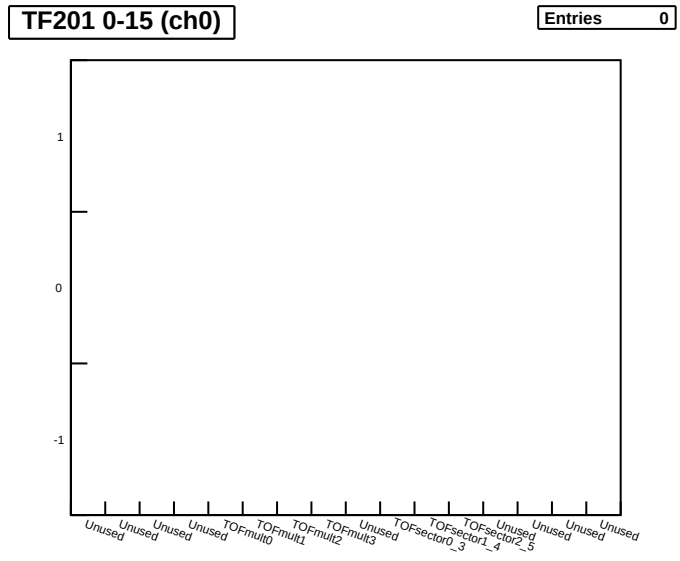

Entries 241673
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

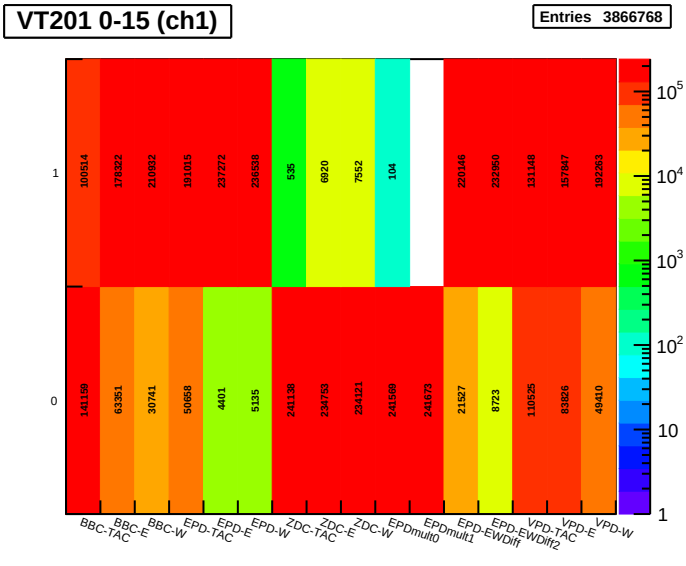

Entries 241673
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

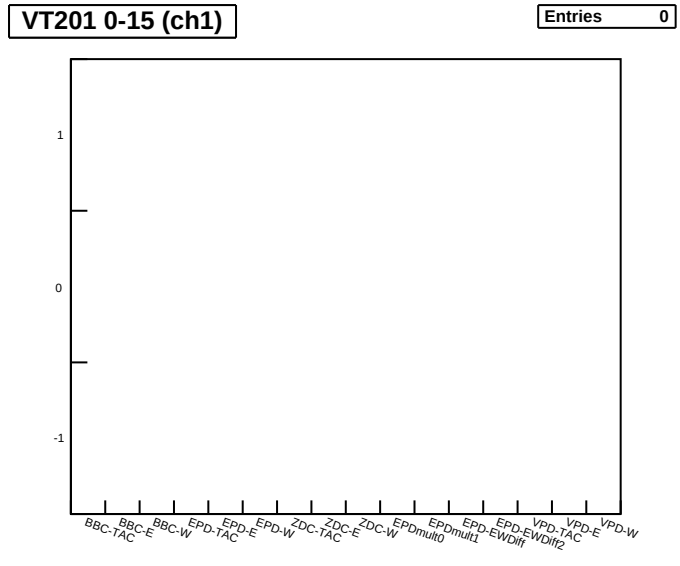

Laser Input Bits
Entries 241673
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

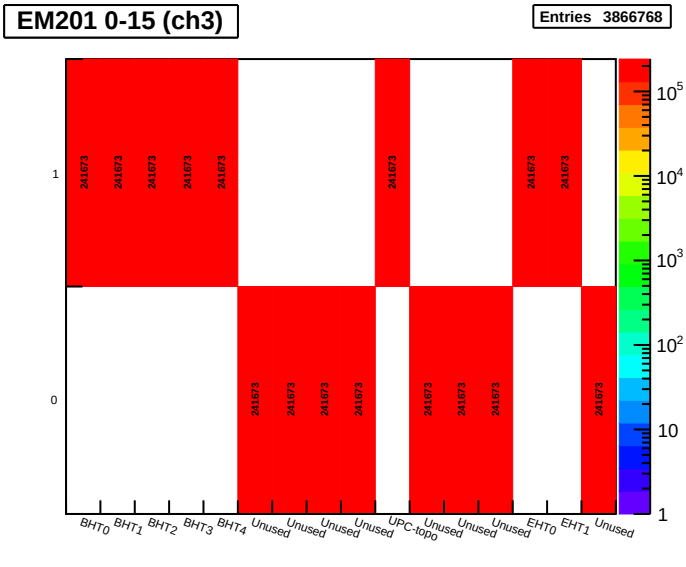

ST201 0-15 (ch6)
Entries 3866768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
241673
241673
241673
241673
241673
241673
241673
241673
241673
241673
241673
241673
241673
241673
241672
241668
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

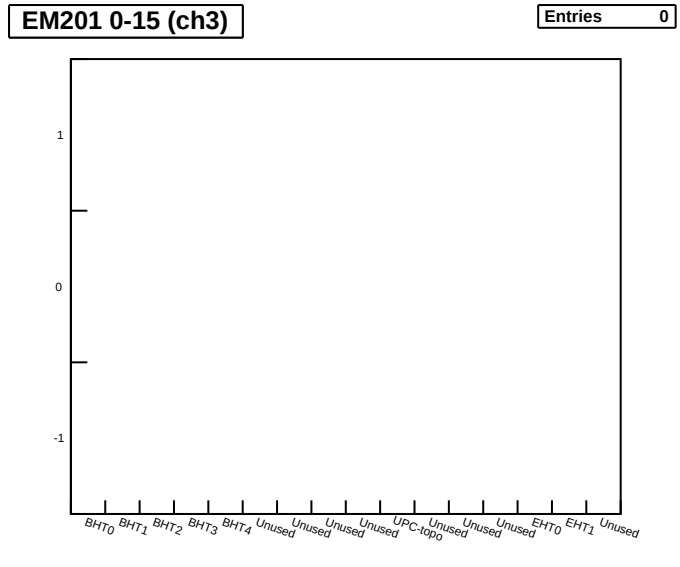

TF201 0-15 (ch0)
Entries 3866768
1
0
241673 238309 218652 210063 160287 201734 202582 199997 241673 241673 241673
241673 241673 241673 3364 23021 31620 81386 241673 39939 39091 41676 241673
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 3866768
1
0
100514 178322 210932 191015 237272 236538 535 6920 7552 104 220146 232950 131148 157847 192253
141159 63351 30741 50668 4401 5135 241138 234753 234121 241569 241673 215227 8723 110525 83826 49410
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 3866768
1
0
241673 241673 241673 241673 241673 241673 241673 241673
241673 241673 241673 241673 241673 241673 241673 241673
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