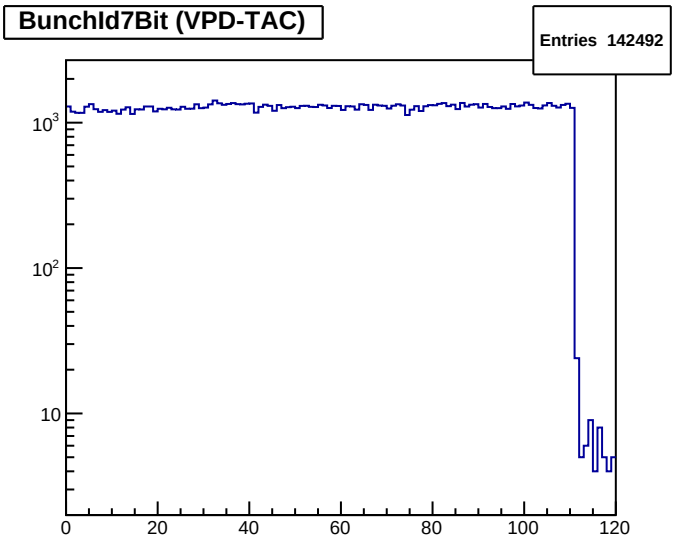
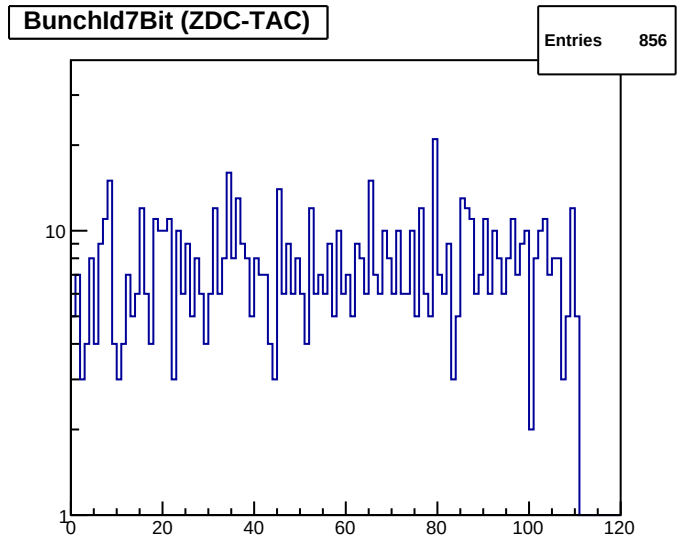
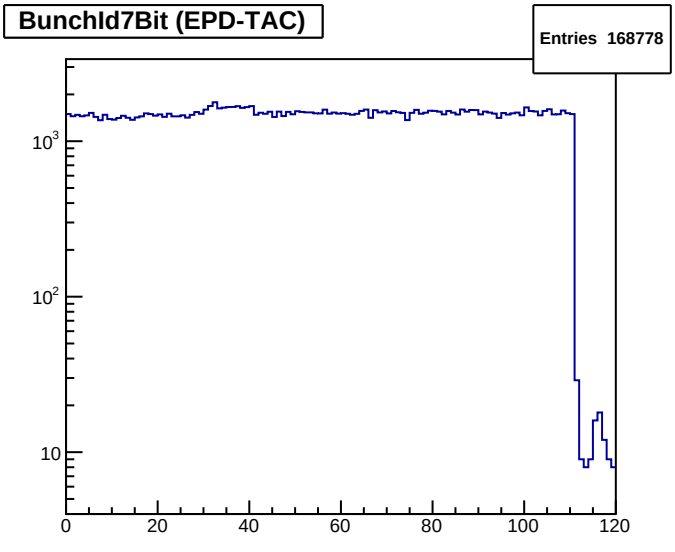
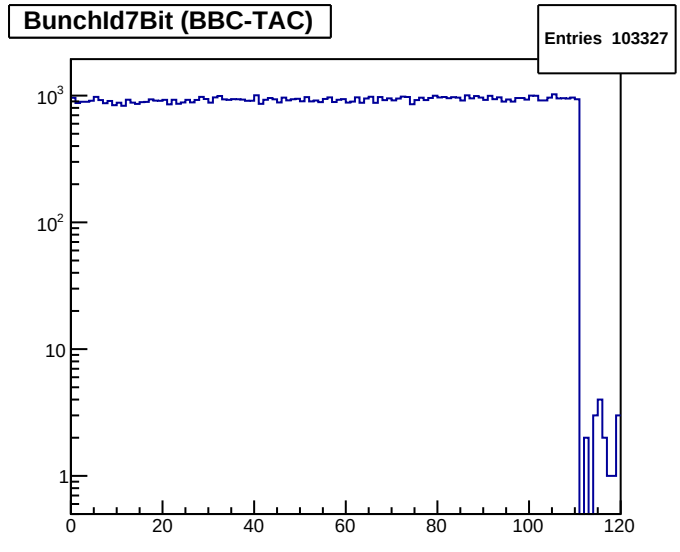
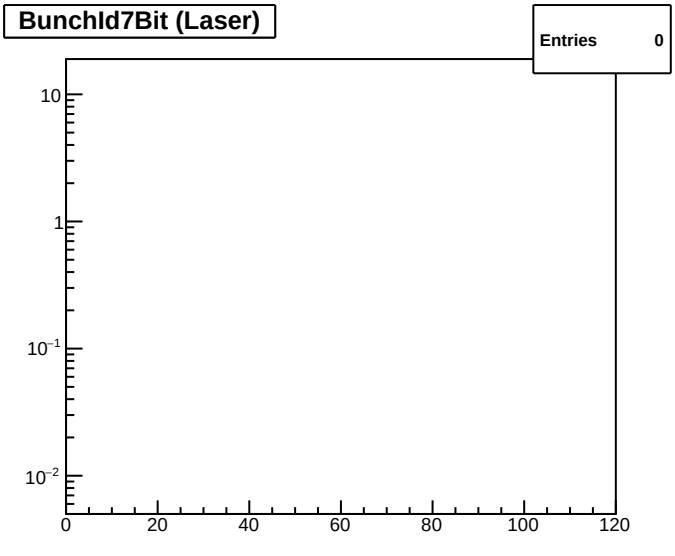
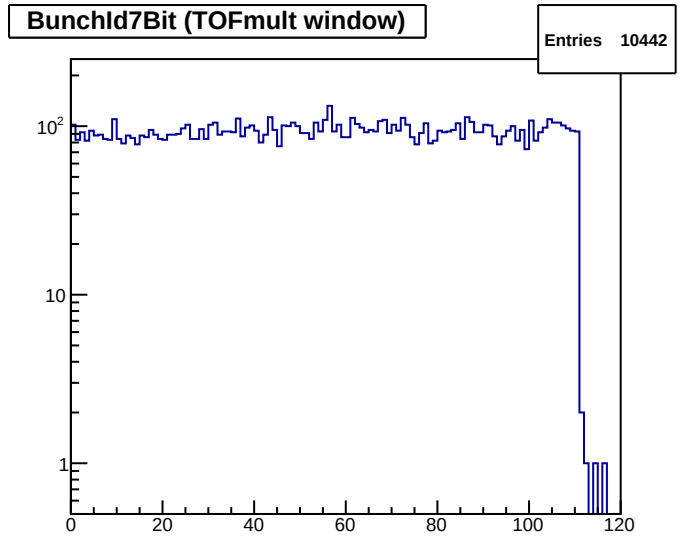

BunchId7Bit (VPD-TAC)
Entries 142492

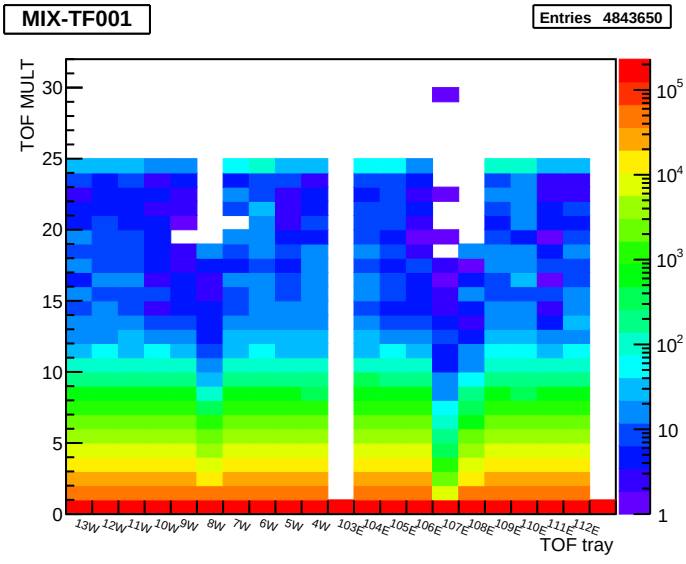

BunchId7Bit (ZDC-TAC)
Entries 856

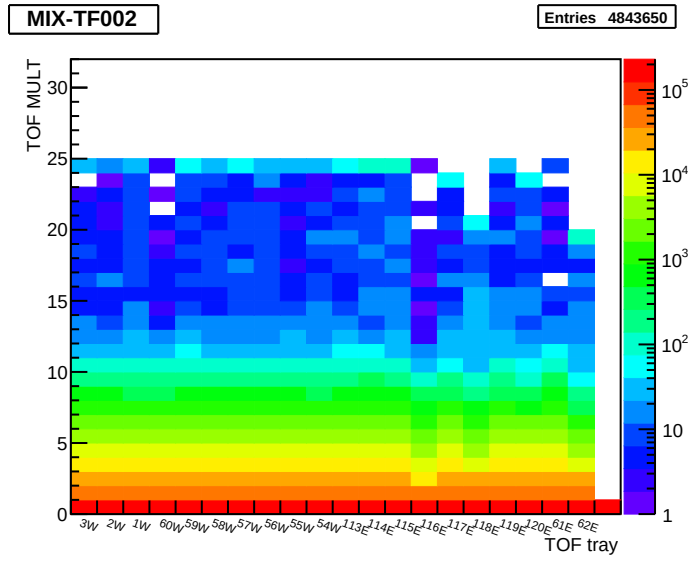

BunchId7Bit (EPD-TAC)
Entries 168778

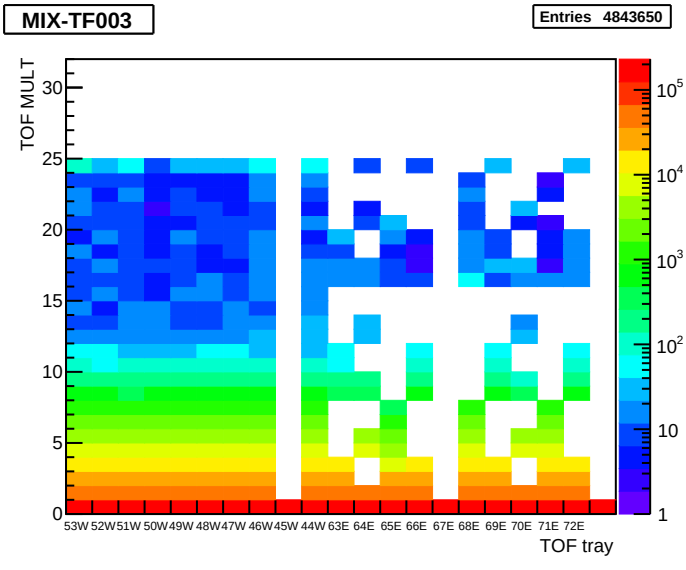

BunchId7Bit (BBC-TAC)
Entries 103327

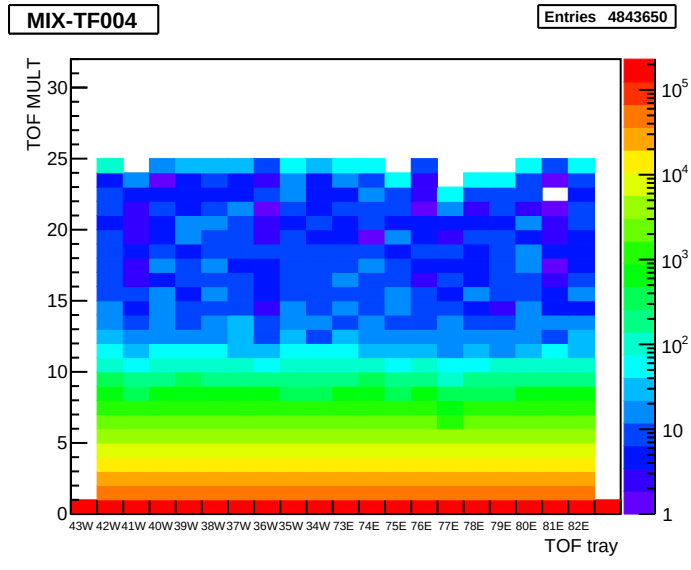

BunchId7Bit (Laser)
Entries 0

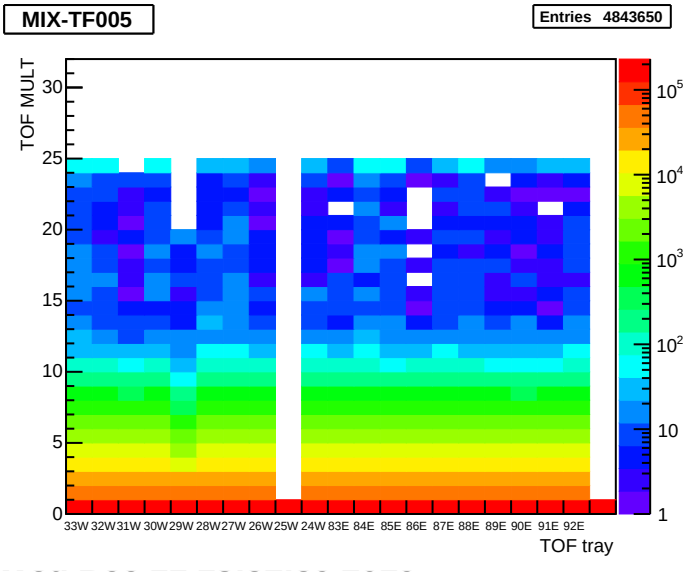

BunchId7Bit (TOFmult window)
Entries 10442

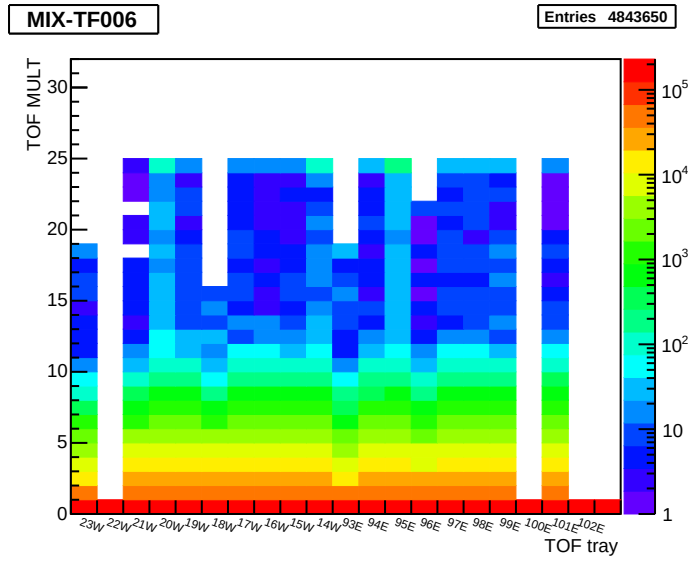

MIX-TF001
Entries 4843650
TOF MULT
TOF tray

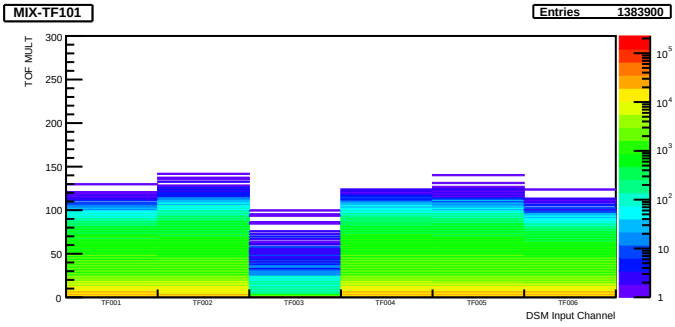

MIX-TF002
Entries 4843650
TOF MULT
TOF tray

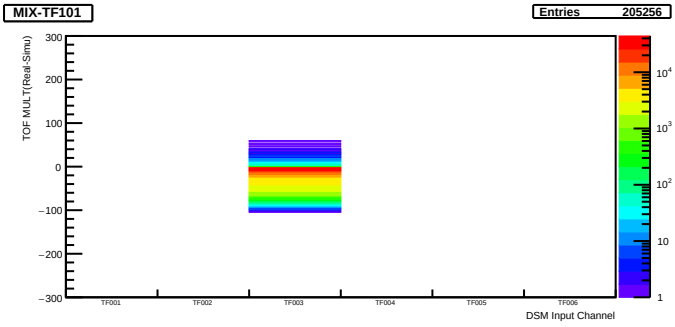

MIX-TF003
Entries 4843650
TOF MULT
TOF tray

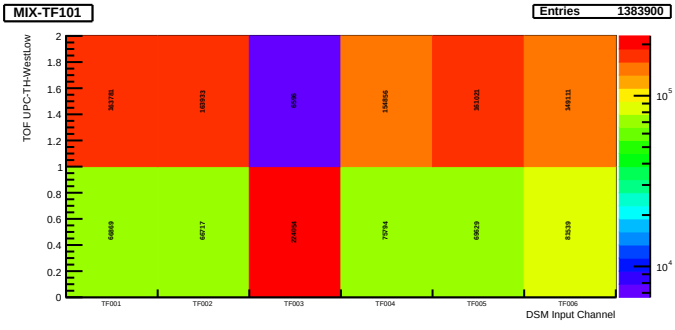

MIX-TF004
Entries 4843650
TOF MULT
TOF tray

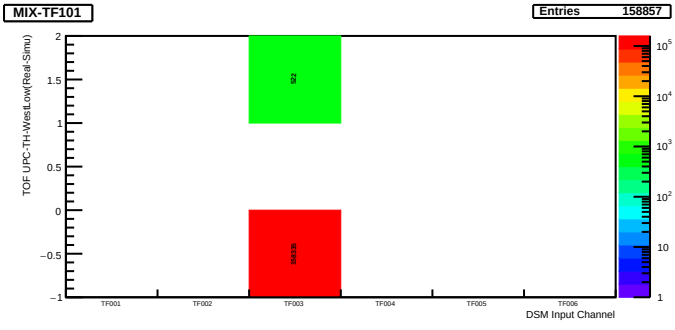

MIX-TF005
Entries 4843650
TOF MULT
TOF tray

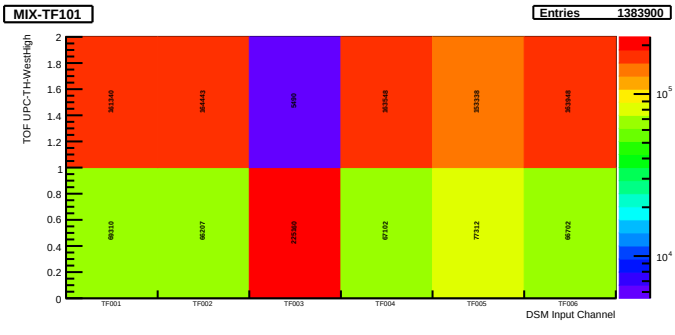

MIX-TF006
Entries 4843650
TOF MULT
TOF tray

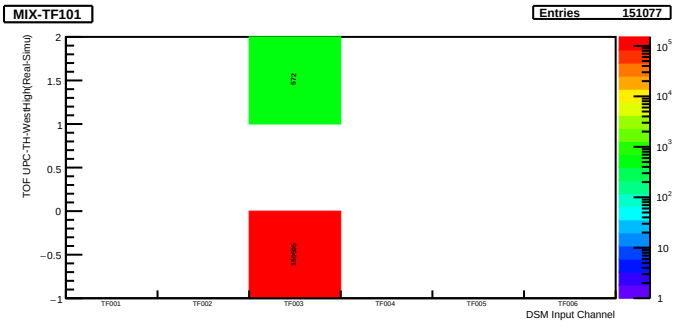

MIX-TF101
Entries 1383900
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

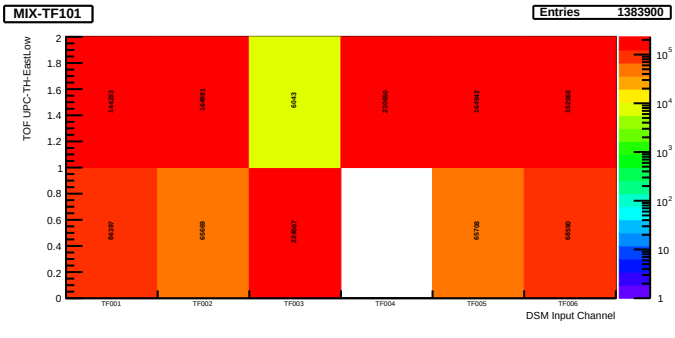

MIX-TF101
Entries 205256
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

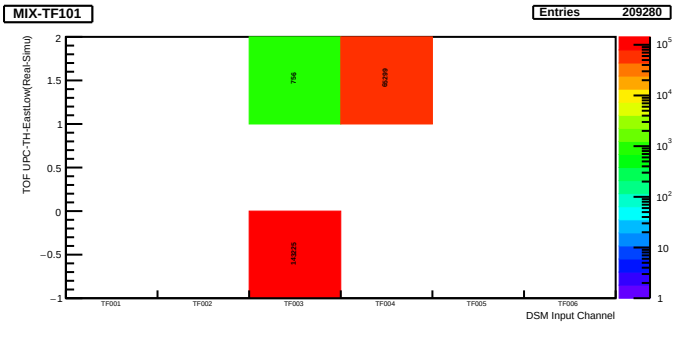

MIX-TF101
Entries 1383900
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

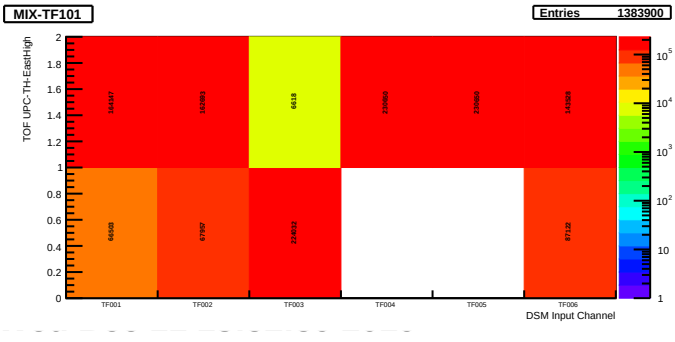

MIX-TF101
Entries 158857
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

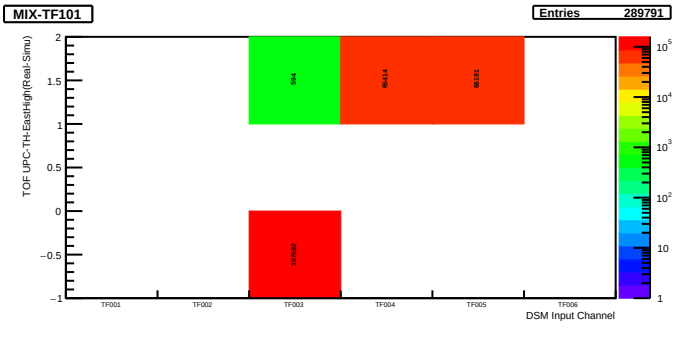

MIX-TF101
Entries 1383900
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

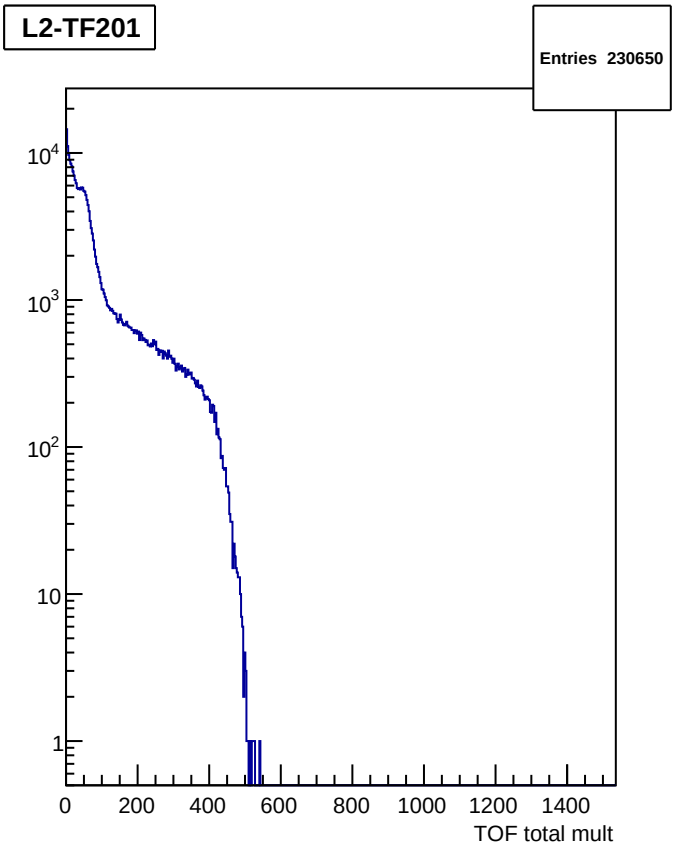

MIX-TF101
Entries 151077
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

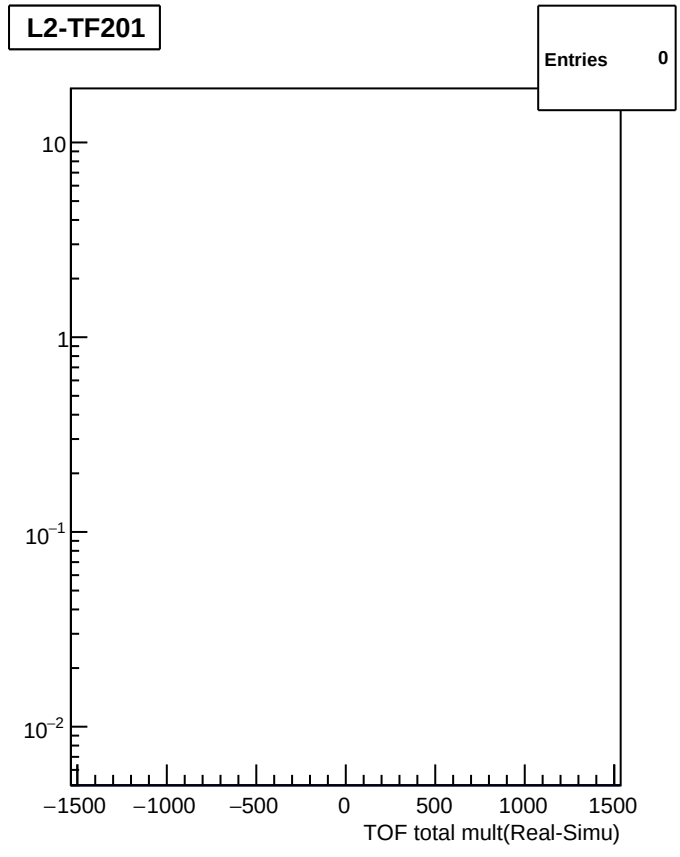

MIX-TF101
Entries 1383900
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

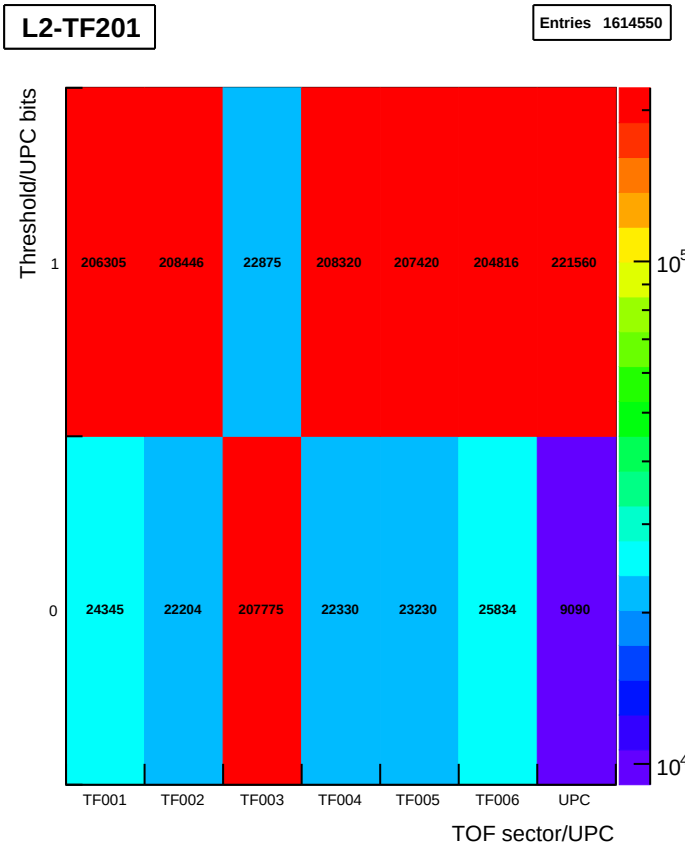

MIX-TF101
Entries 209280
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

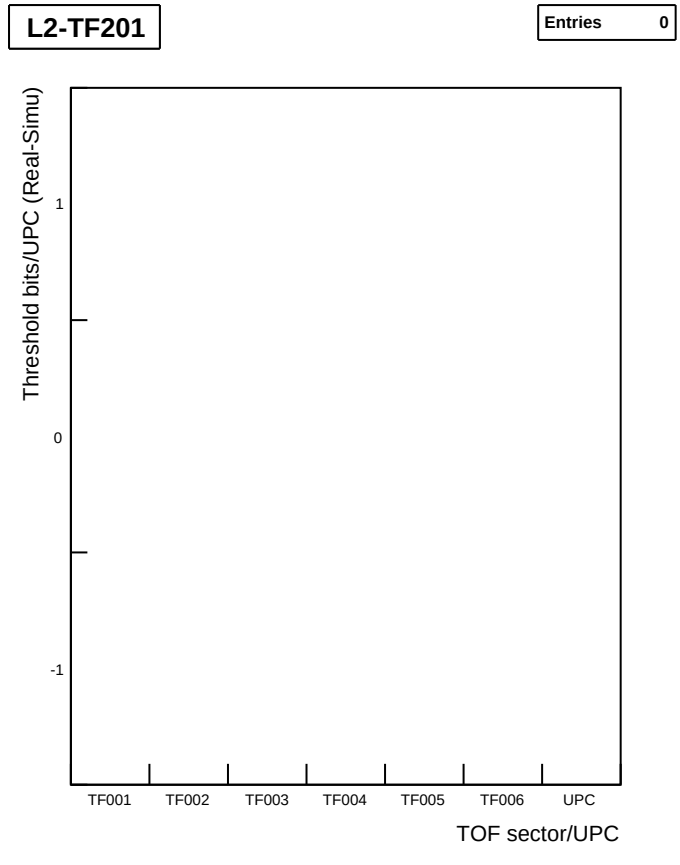

MIX-TF101
Entries 1383900
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

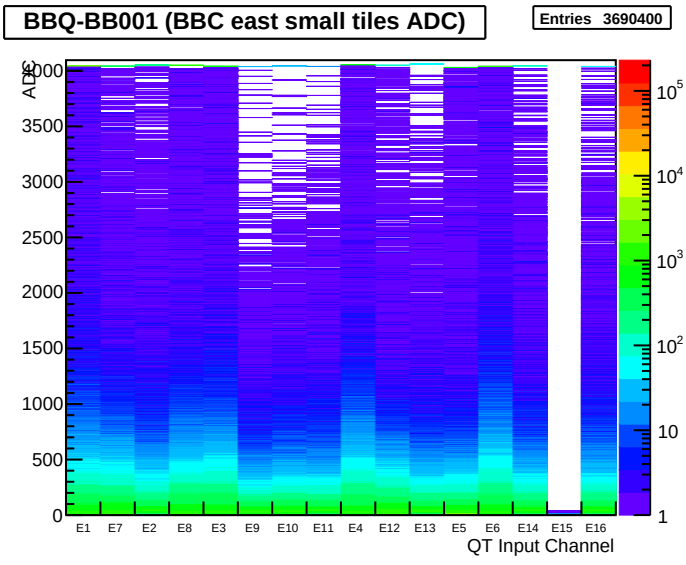

MIX-TF101
Entries 289791
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

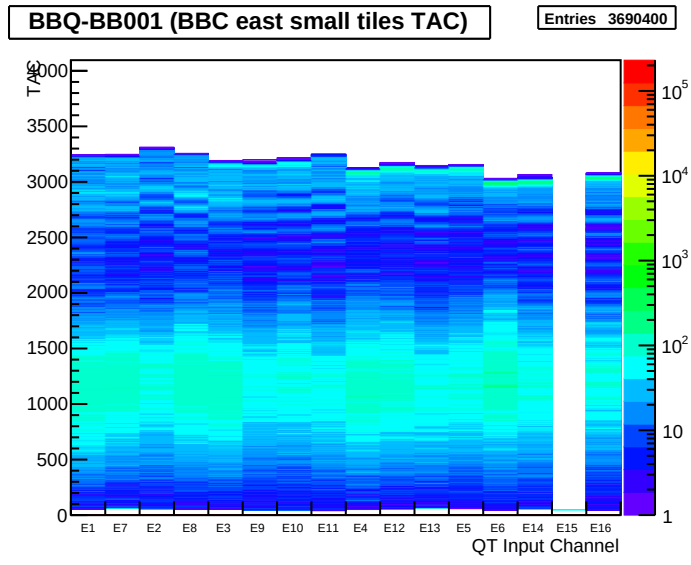

L2-TF201
Entries 230650
TOF total mult

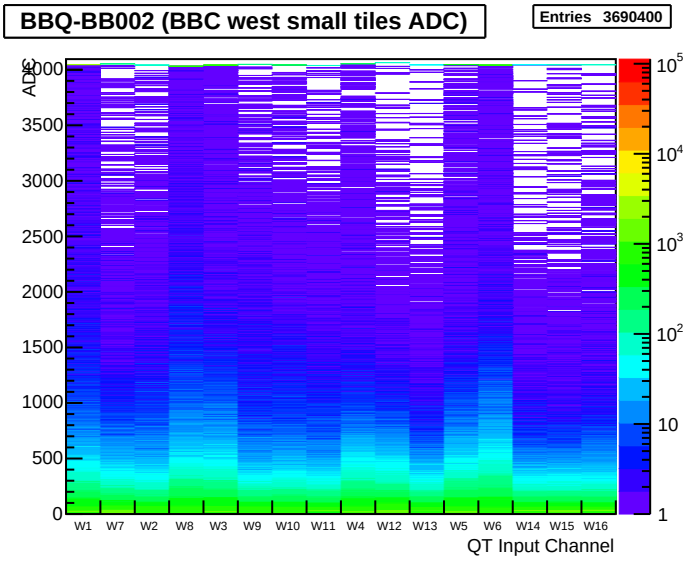

L2-TF201
Entries 0
TOF total mult(Real-Simu)

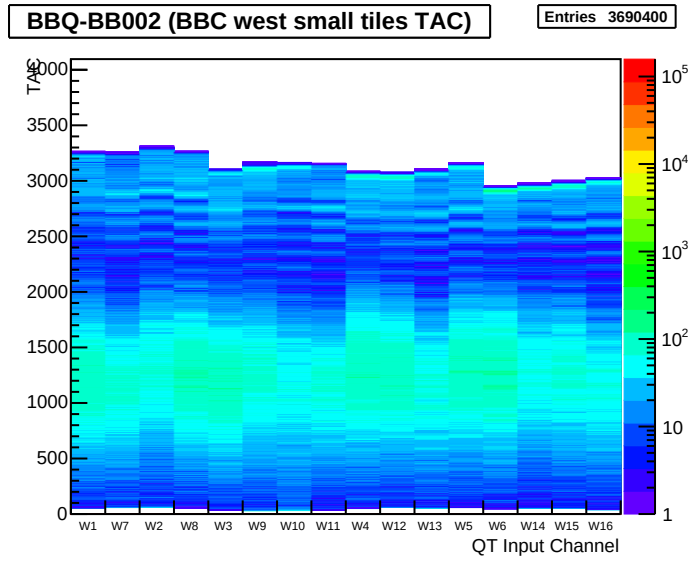

L2-TF201
Entries 1614550
Threshold/UPC bits
206305
208446
22875
208320
207420
204816
221560
24345
22204
207775
22330
23230
25834
9090
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

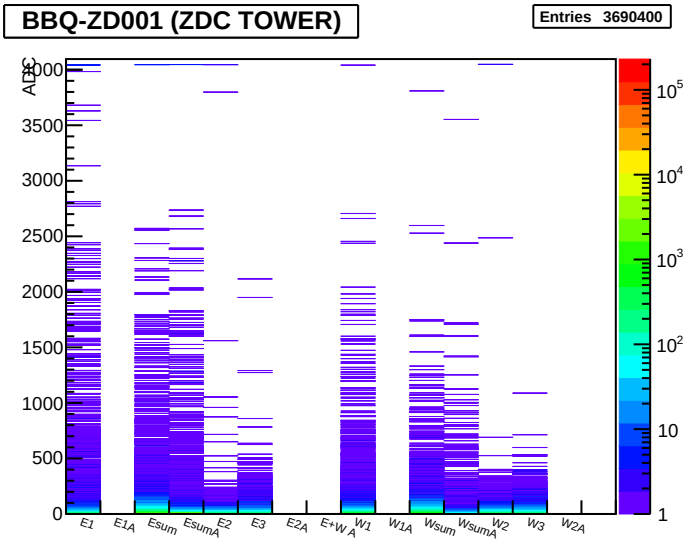

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

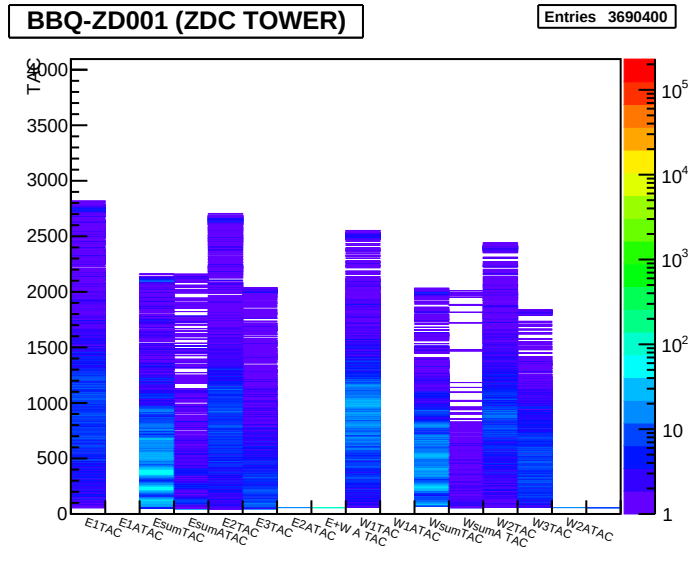

BBQ-BB001 (BBC east small tiles ADC)
Entries 3690400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

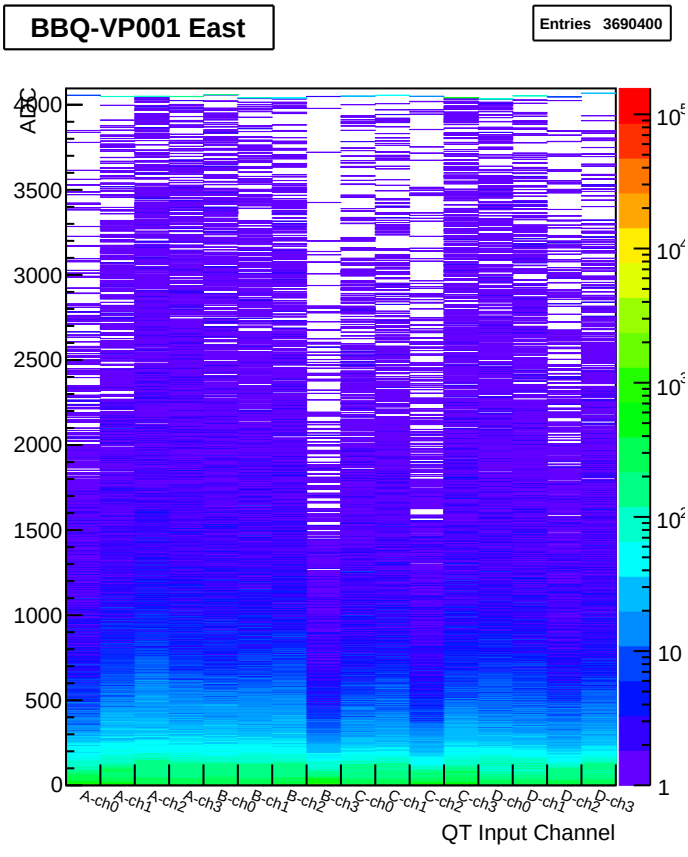

BBQ-BB001 (BBC east small tiles TAC)
Entries 3690400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

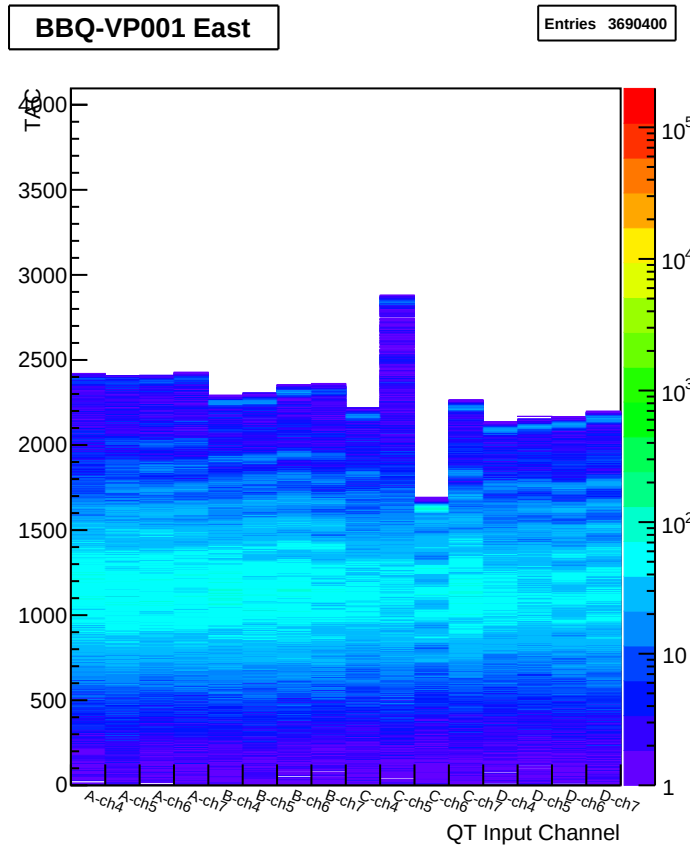

BBQ-BB002 (BBC west small tiles ADC)
Entries 3690400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

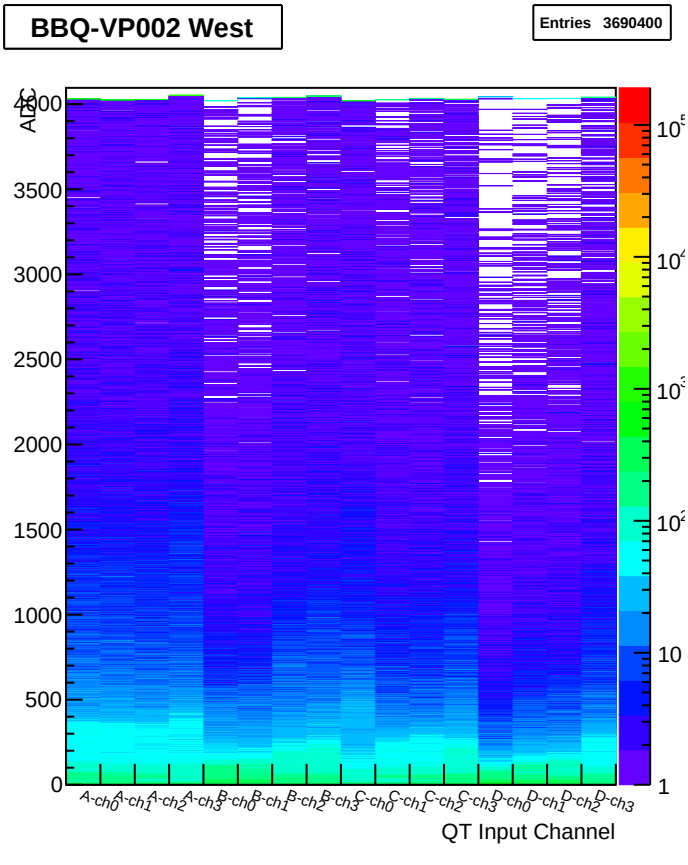

BBQ-BB002 (BBC west small tiles TAC)
Entries 3690400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

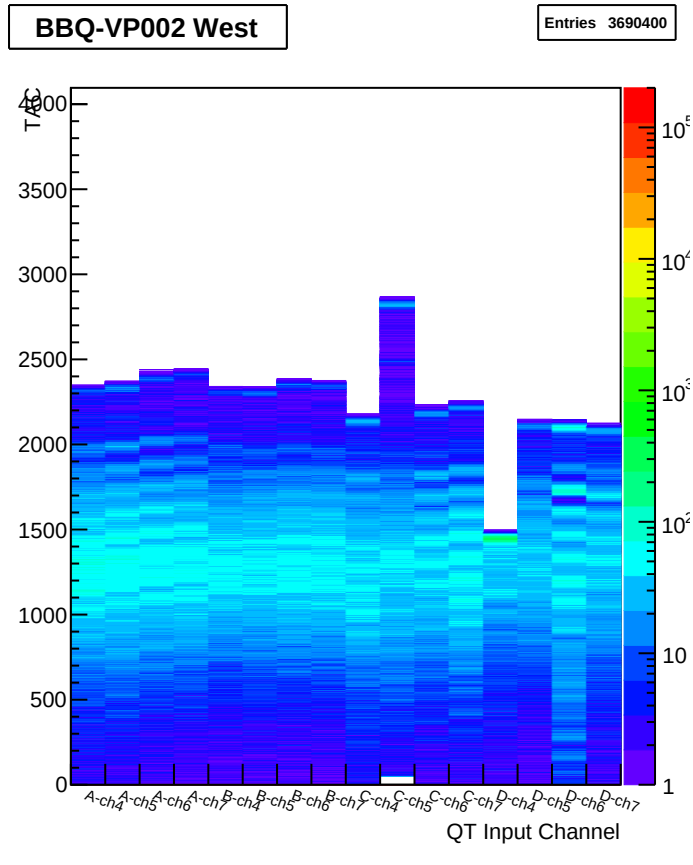

BBQ-ZD001 (ZDC TOWER)
Entries 3690400
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

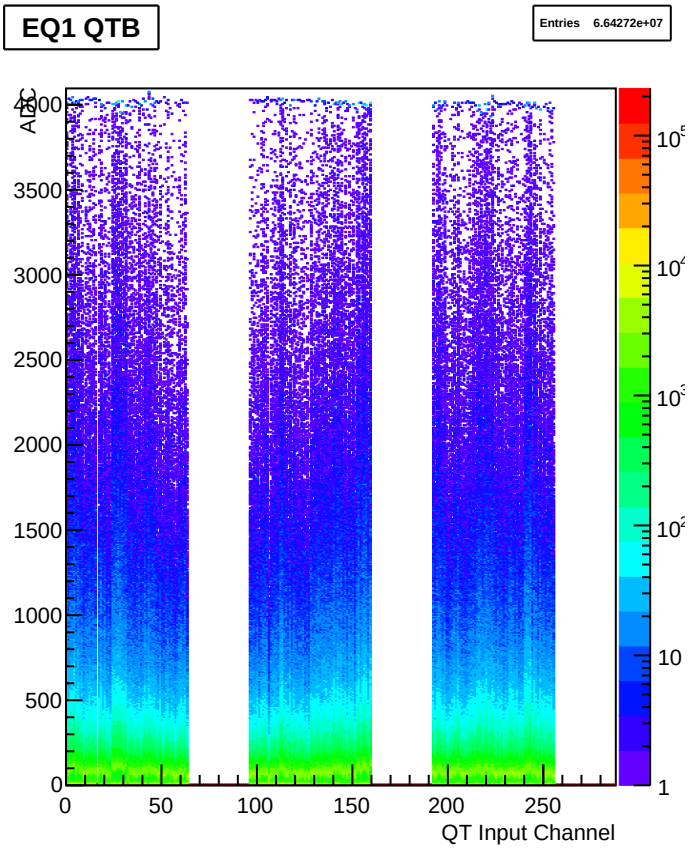

BBQ-ZD001 (ZDC TOWER)
Entries 3690400
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

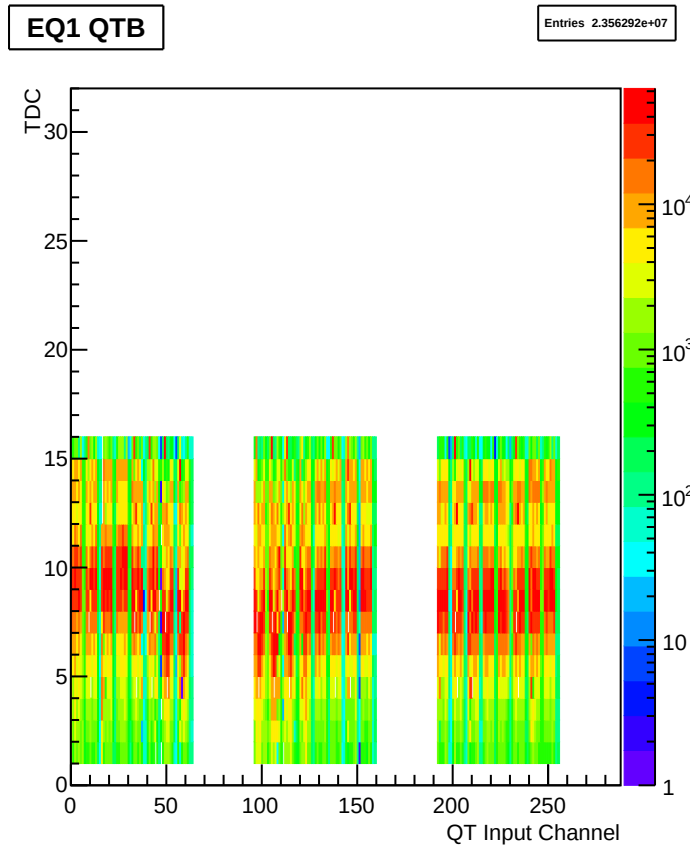

BBQ-VP001 East
Entries 3690400
ADC
QT Input Channel

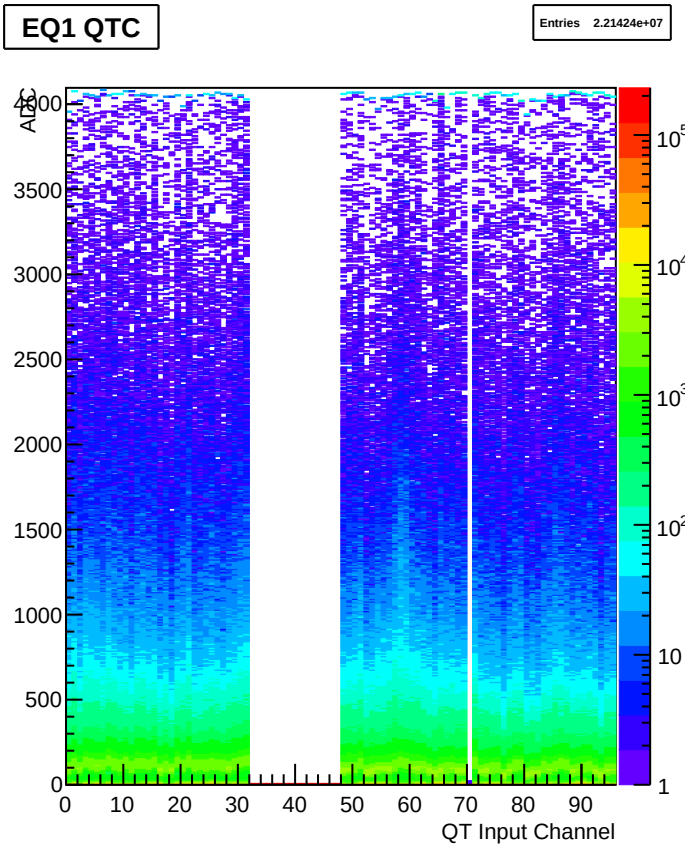

BBQ-VP001 East
Entries 3690400
TADC
QT Input Channel

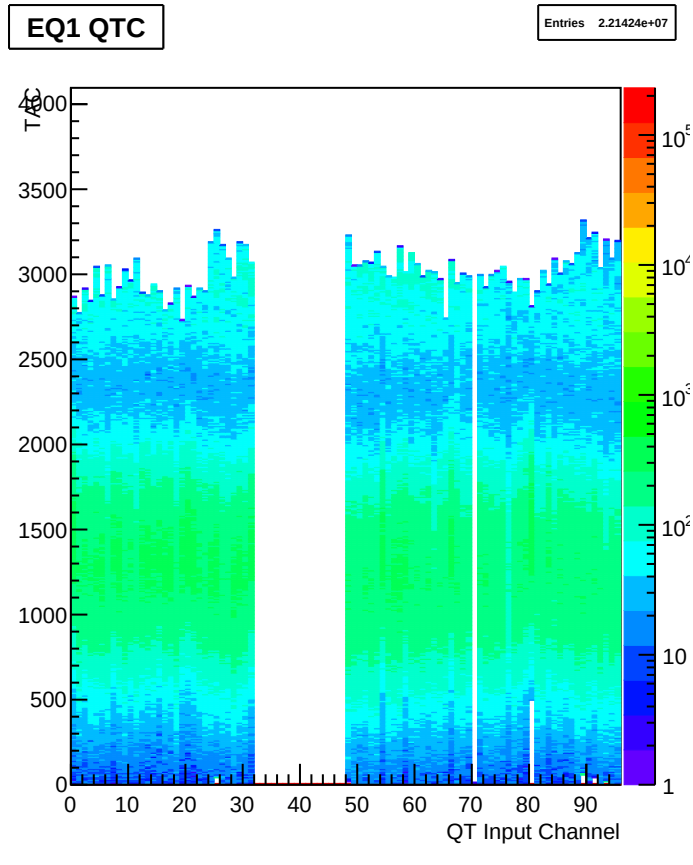

BBQ-VP002 West
Entries 3690400
ADC
QT Input Channel

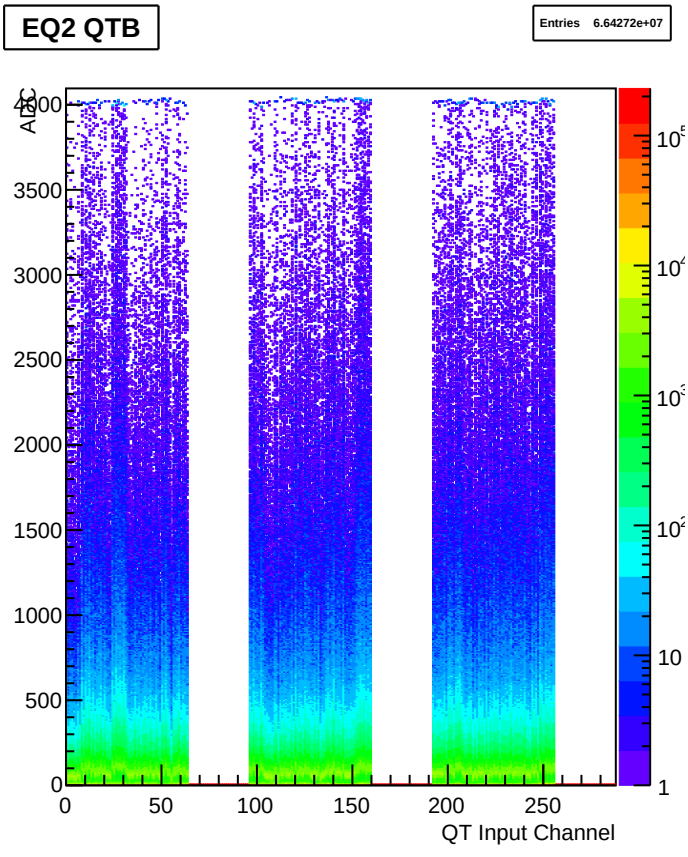

BBQ-VP002 West
Entries 3690400
TADC
QT Input Channel

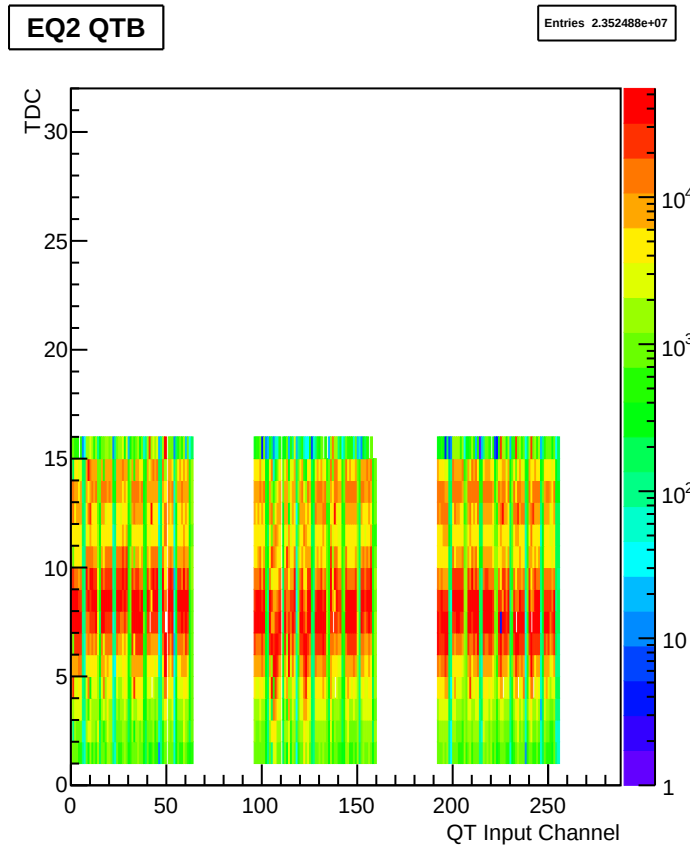

EQ1 QTB
Entries 6.64272e+07
ADC
QT Input Channel

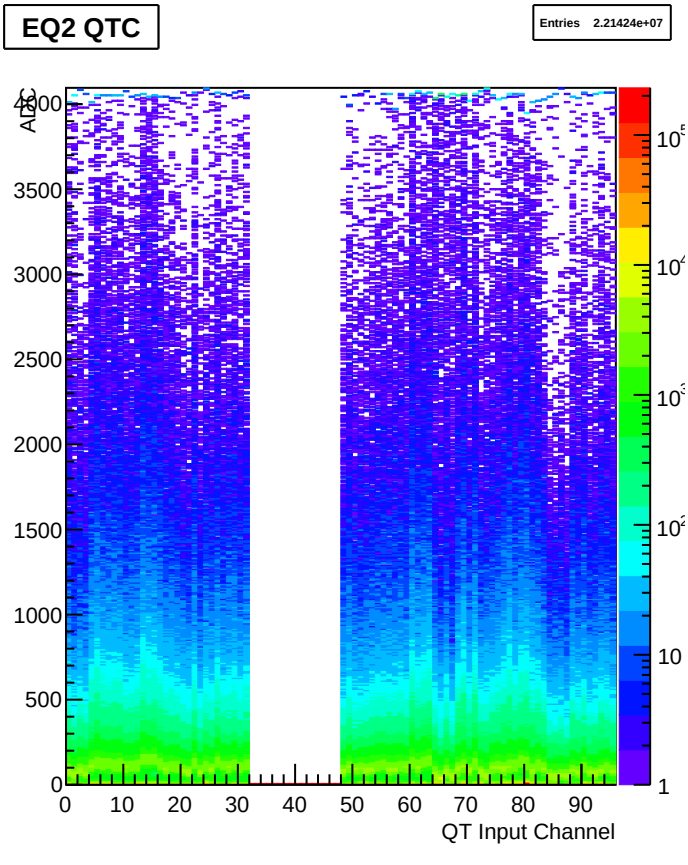

EQ1 QTB
Entries 2.356292e+07
TDC
QT Input Channel

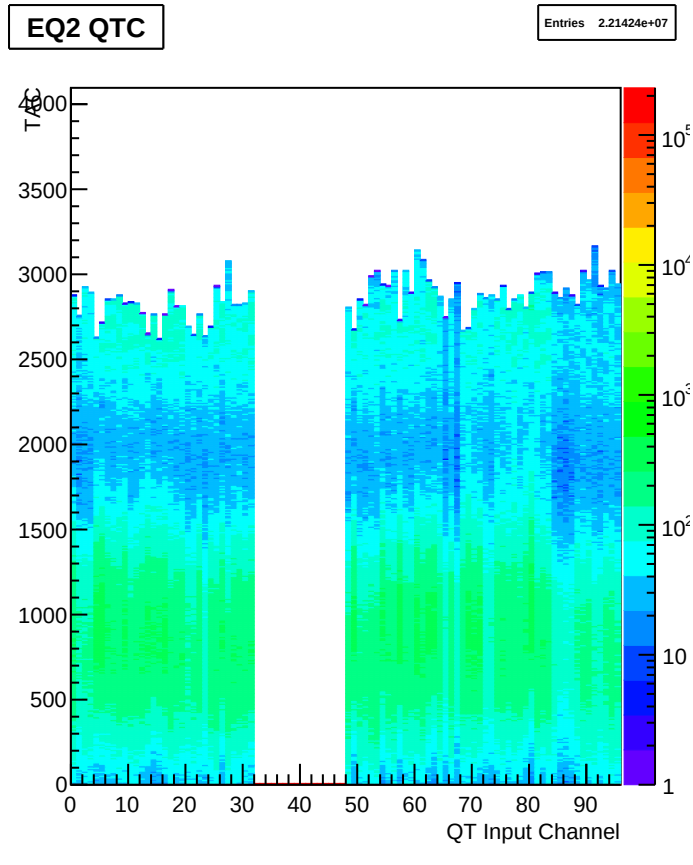

EQ1 QTC
Entries 2.21424e+07
ADC
QT Input Channel

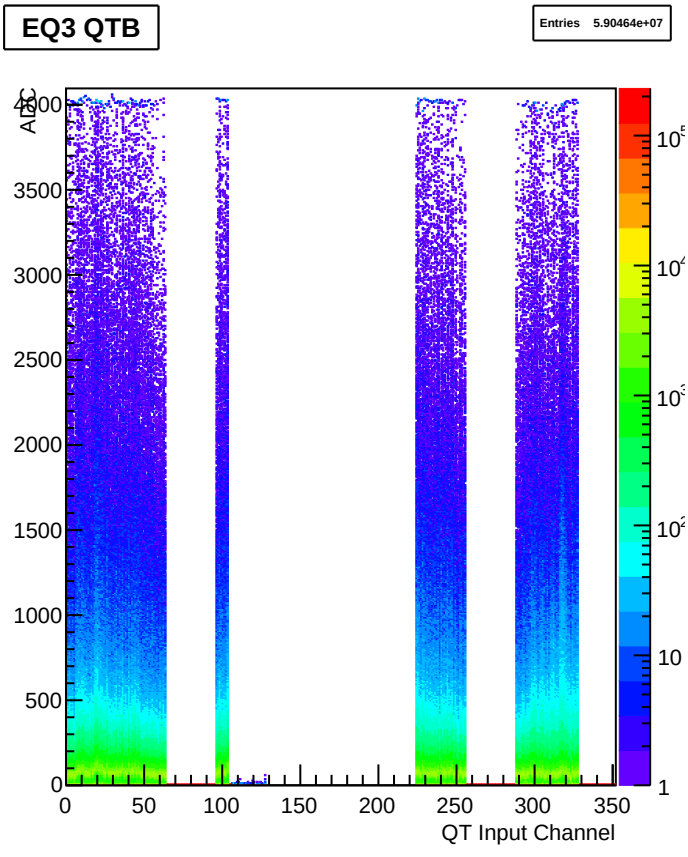

EQ1 QTC
Entries 2.21424e+07
TADC
QT Input Channel

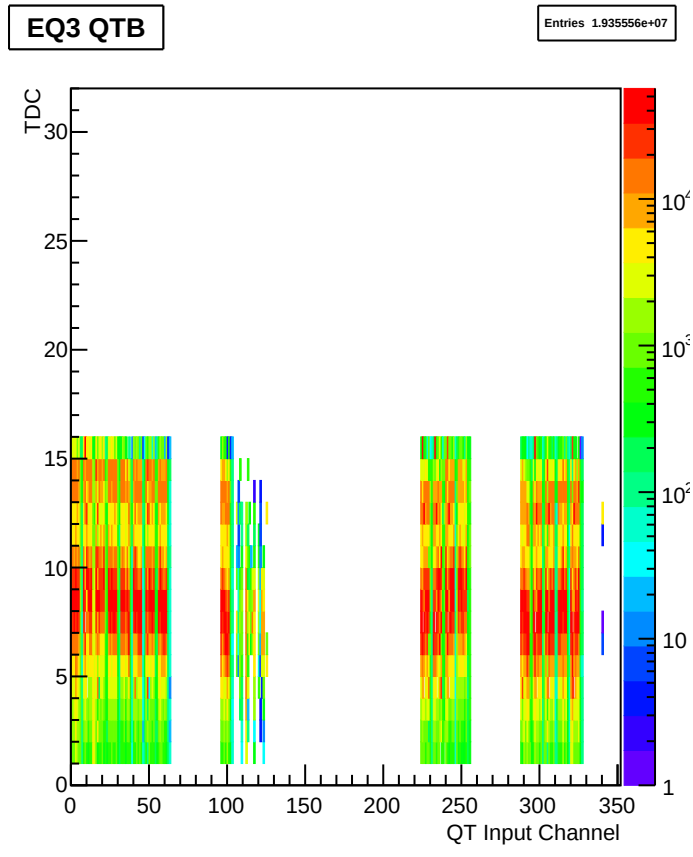

EQ2 QTB
Entries 6.64272e+07
ADC
QT Input Channel

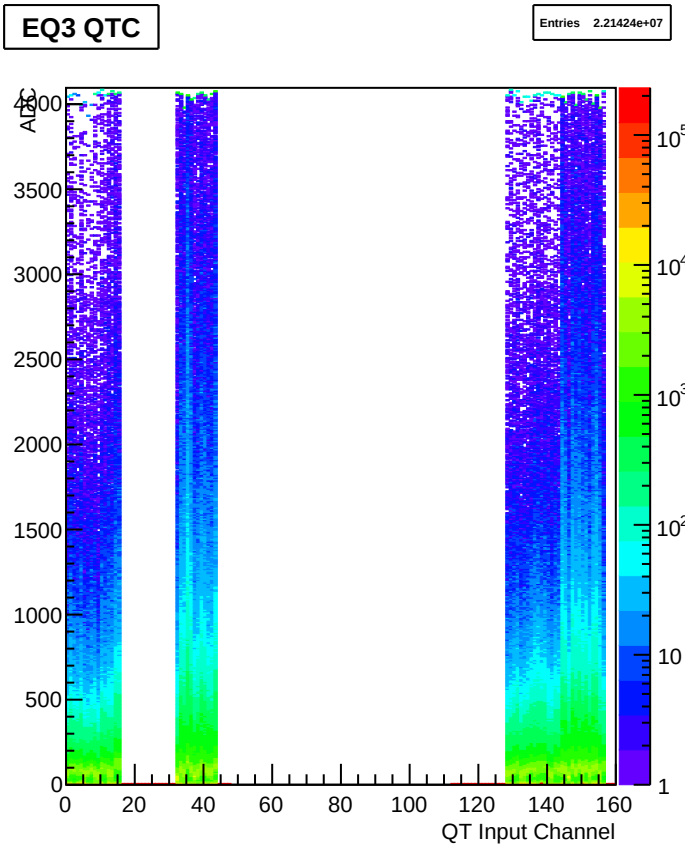

EQ2 QTB
Entries 2.352488e+07
TDC
QT Input Channel

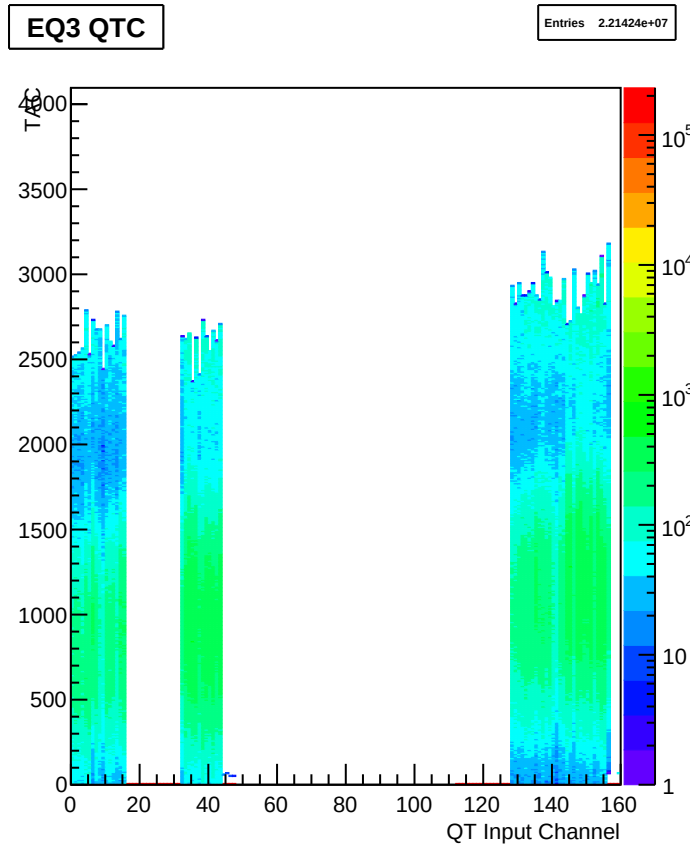

EQ2 QTC
Entries 2.21424e+07
ADC
QT Input Channel

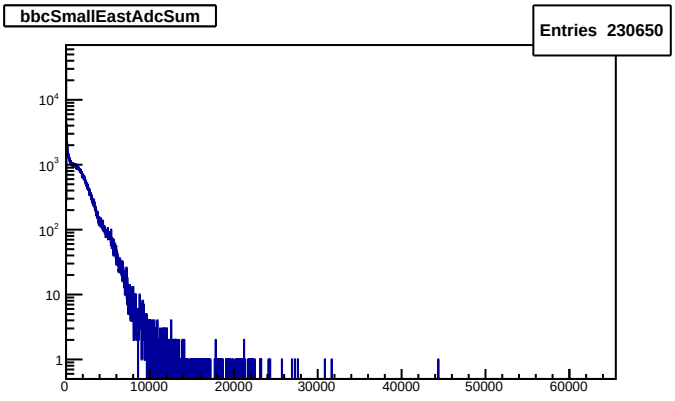

EQ2 QTC
Entries 2.21424e+07
TADC
QT Input Channel

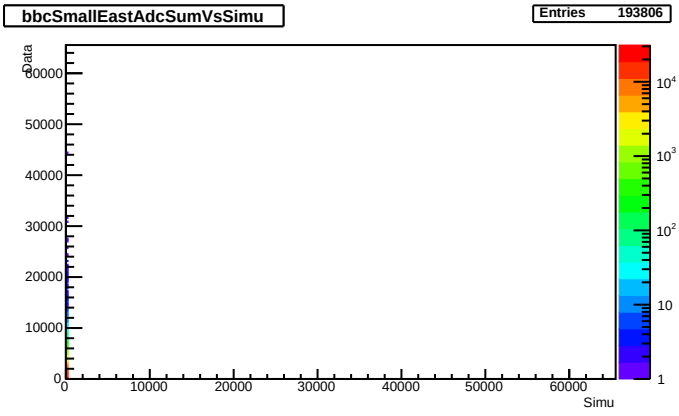

EQ3 QTB
Entries 5.90464e+07
ADC
QT Input Channel

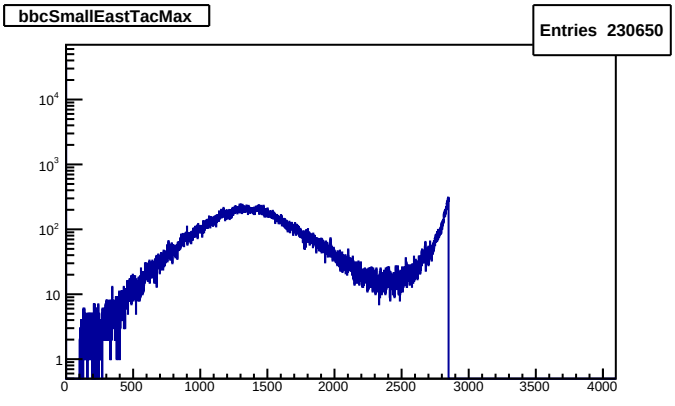

EQ3 QTB
Entries 1.935556e+07
TDC
QT Input Channel

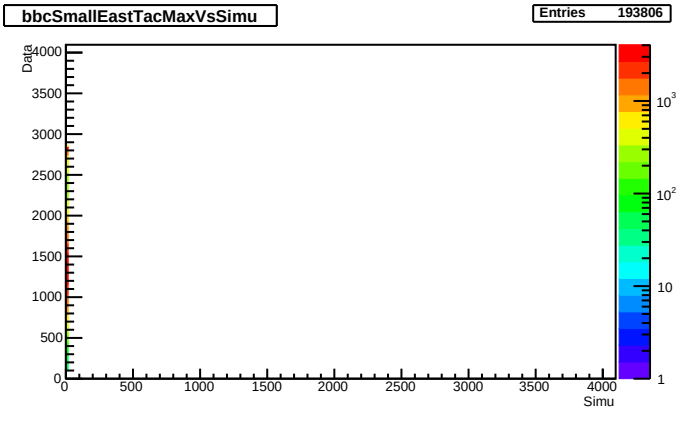

EQ3 QTC
Entries 2.21424e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.21424e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 230650


bbcSmallEastAdcSumVsSimu
Entries 193806
Data
Simu


bbcSmallEastTacMax
Entries 230650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Entries 193806
Data
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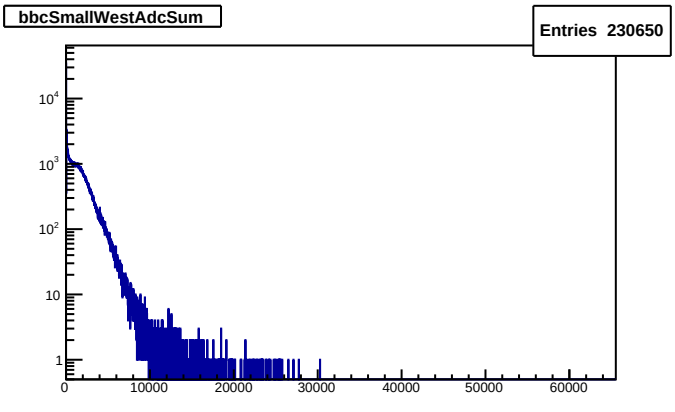
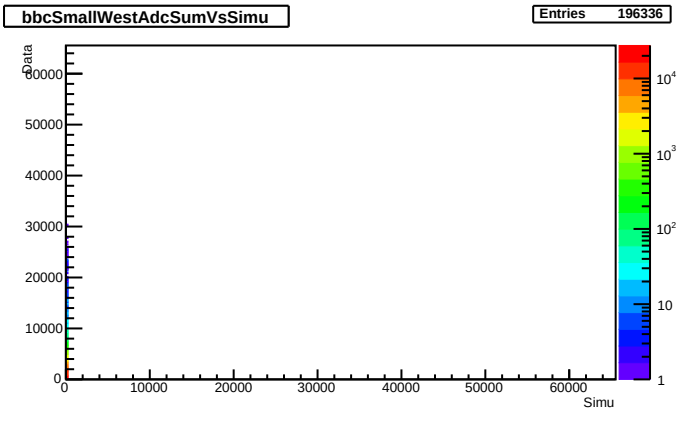
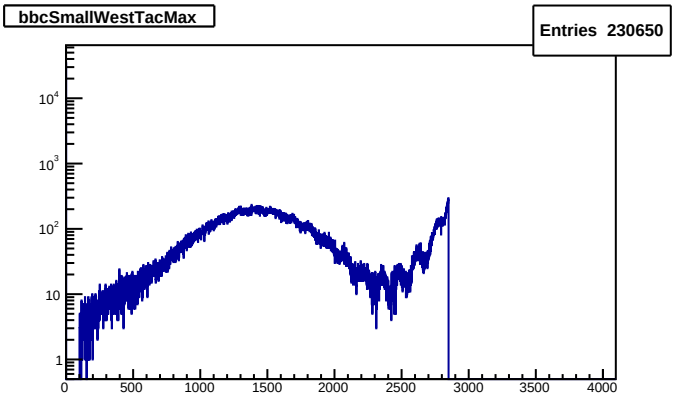

bbcSmallWestAdcSum
Entries 230650


bbcSmallWestAdcSumVsSimu
Entries 196336
Data
Simu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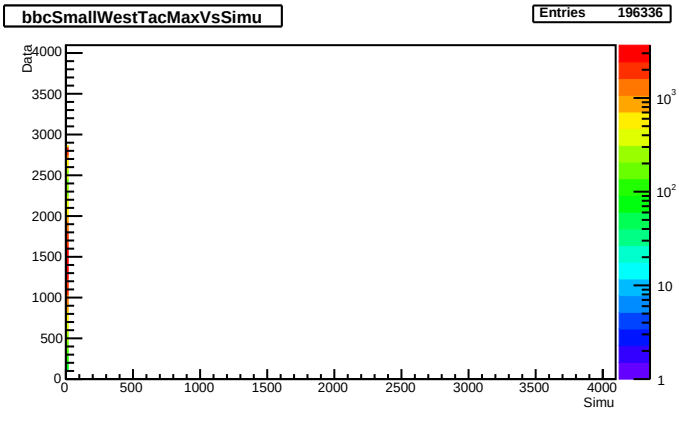
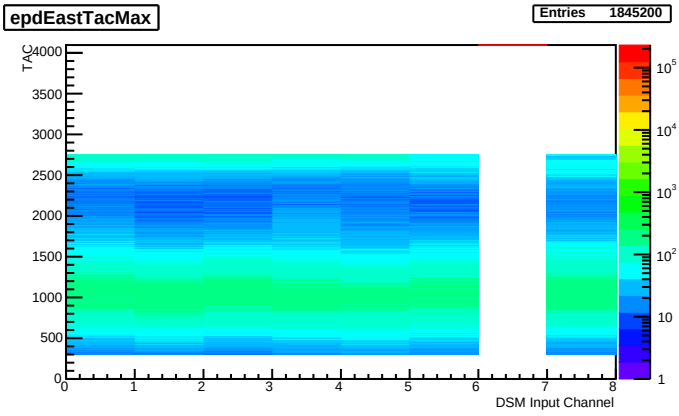
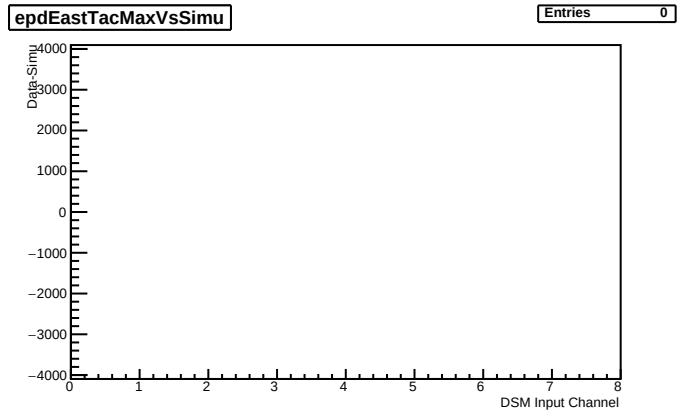
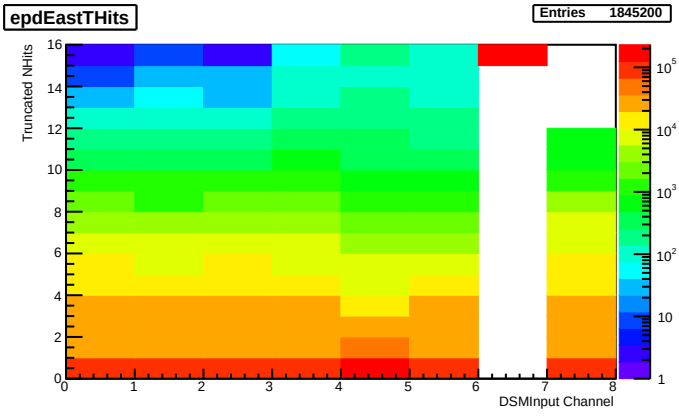
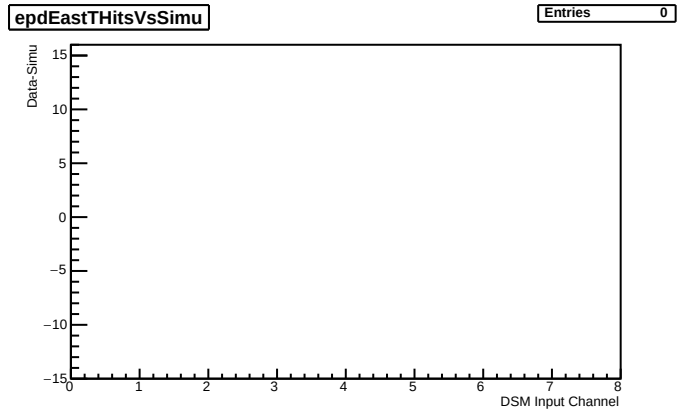
Entries 230650


bbcSmallWestTacMaxVsSimu
Entries 196336
Data
Simu


epdEastTacMax
Entries 1845200
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1845200
Truncated NHits
DSMInput Channel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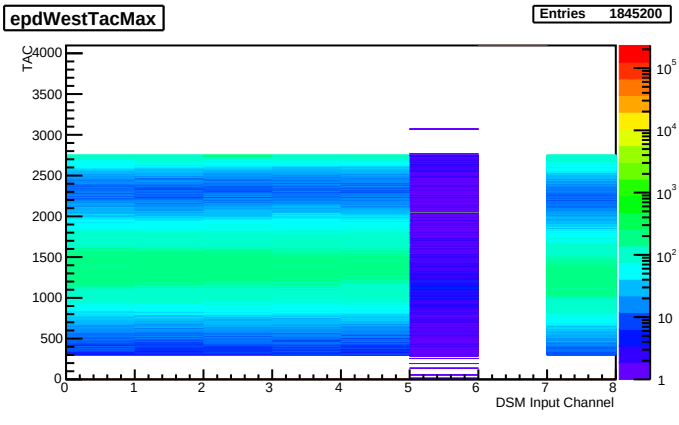
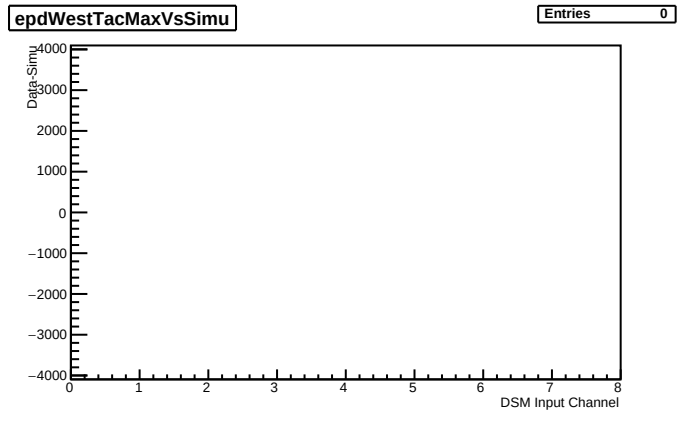
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1845200
TAC
DSM Input Channel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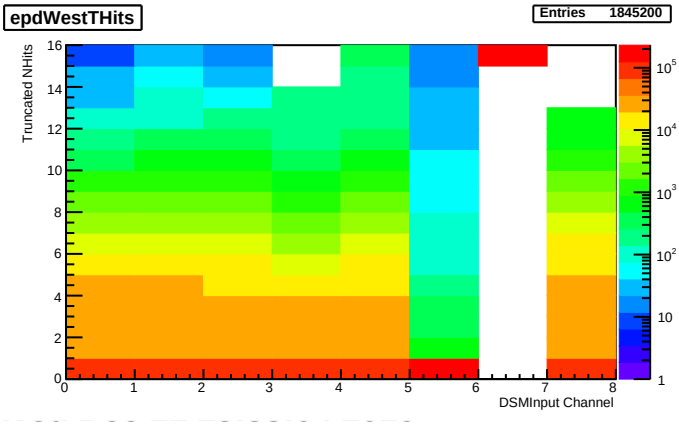
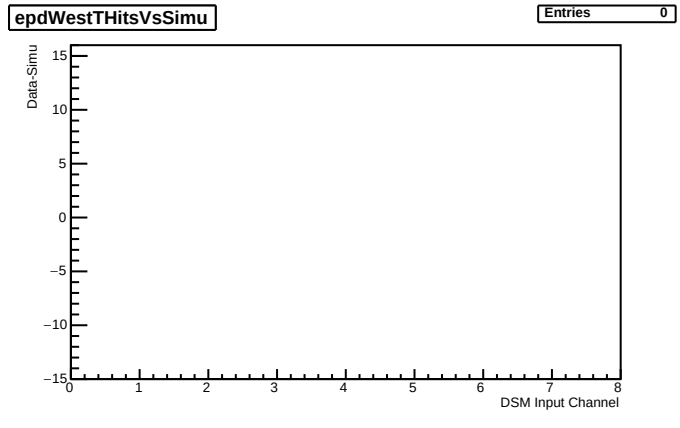
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1845200
Truncated NHits
DSMInput Channel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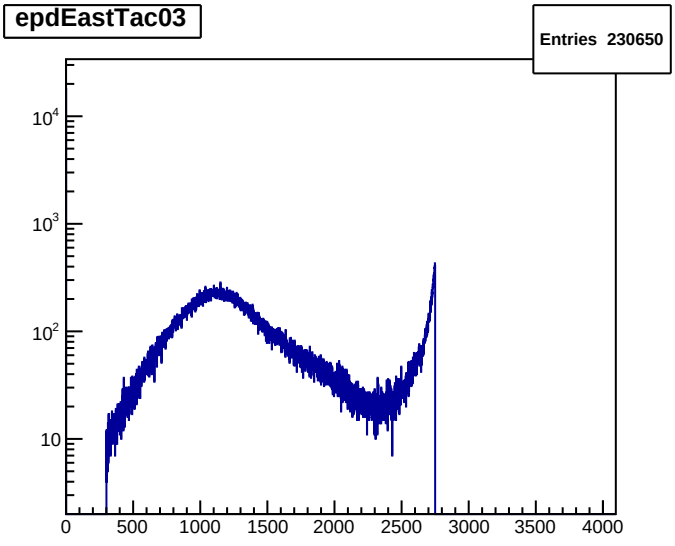
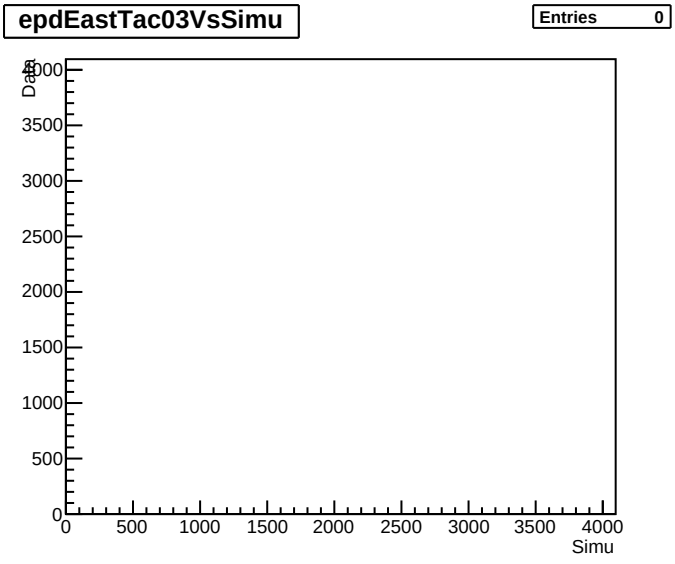
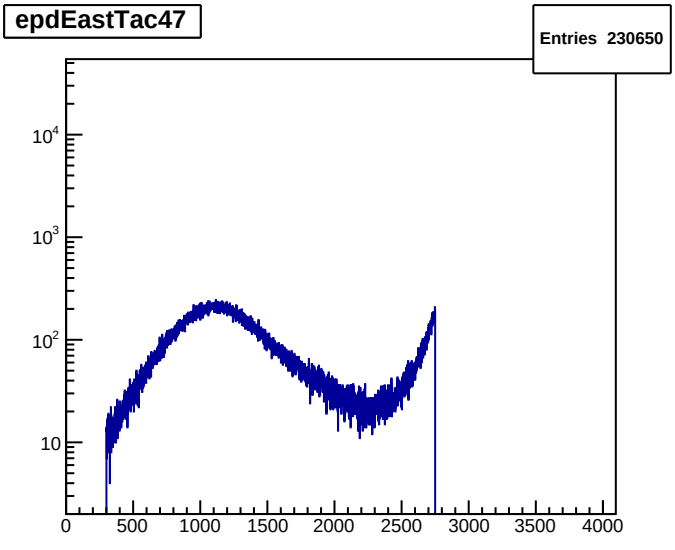
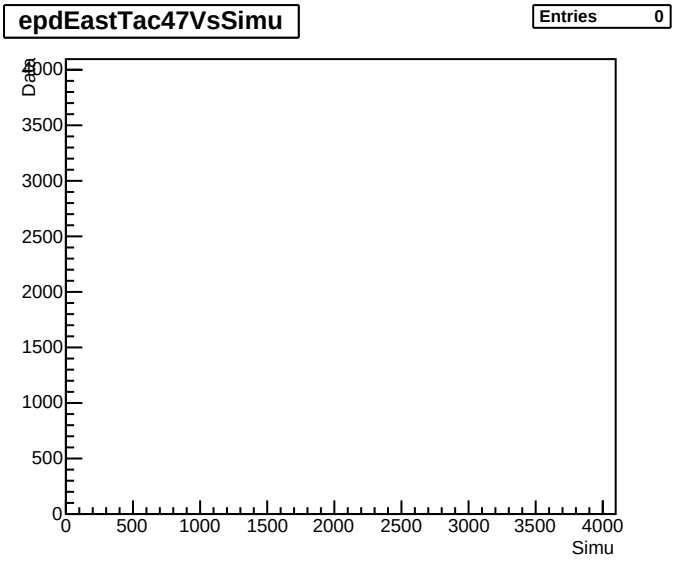
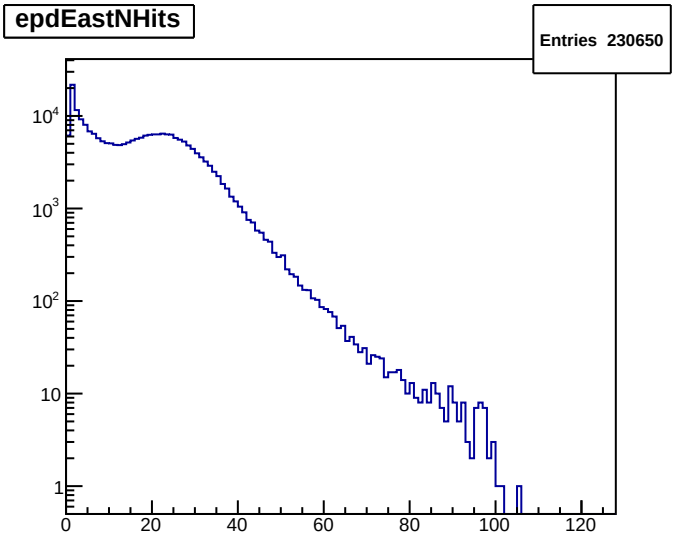
Entries 0
Data-Simu
DSM Input Channel

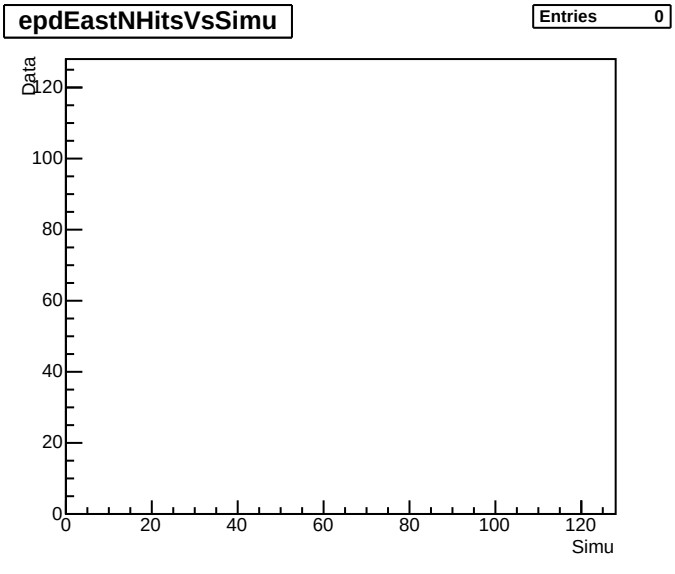

epdEastTac03
Entries 230650


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 230650


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 230650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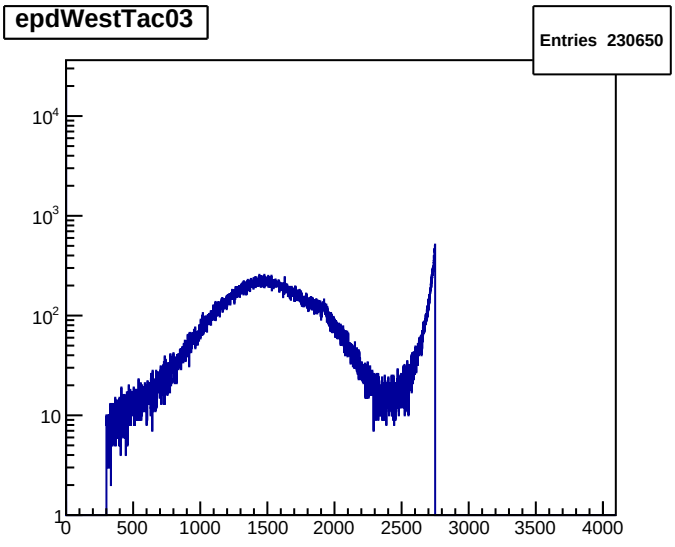
Entries 0
Data
Simu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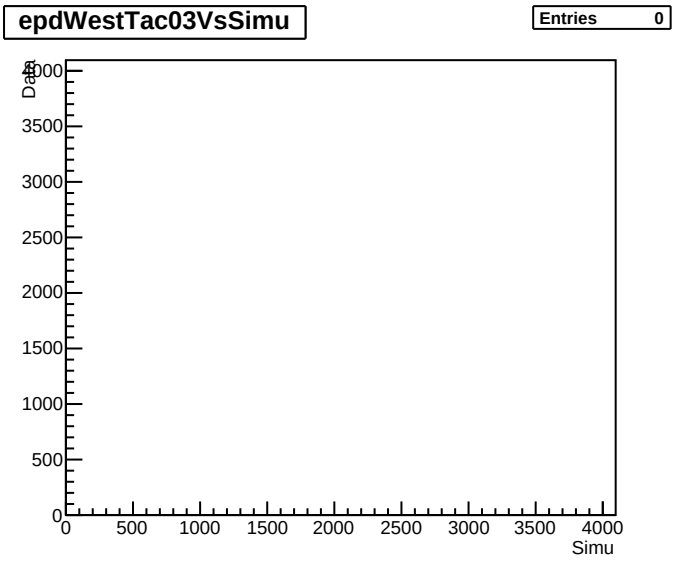
Entries 230650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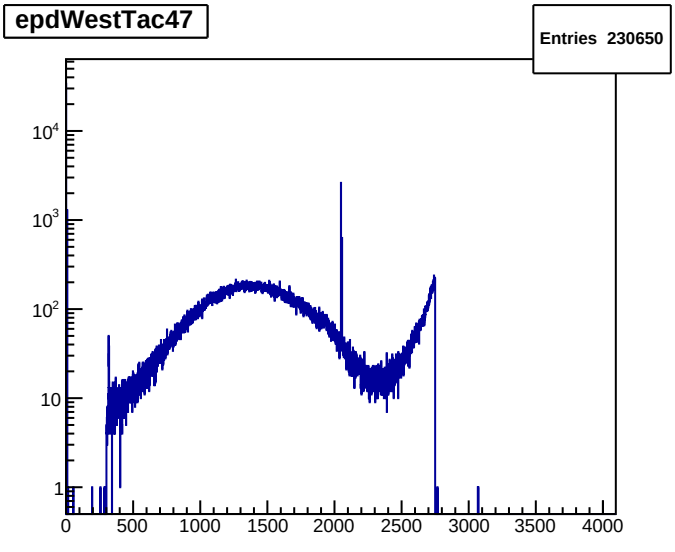
Entries 0
Data
Simu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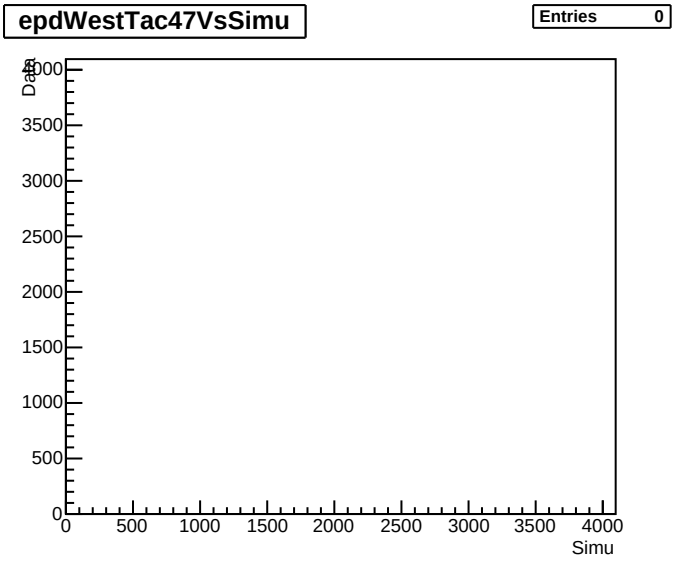
Entries 230650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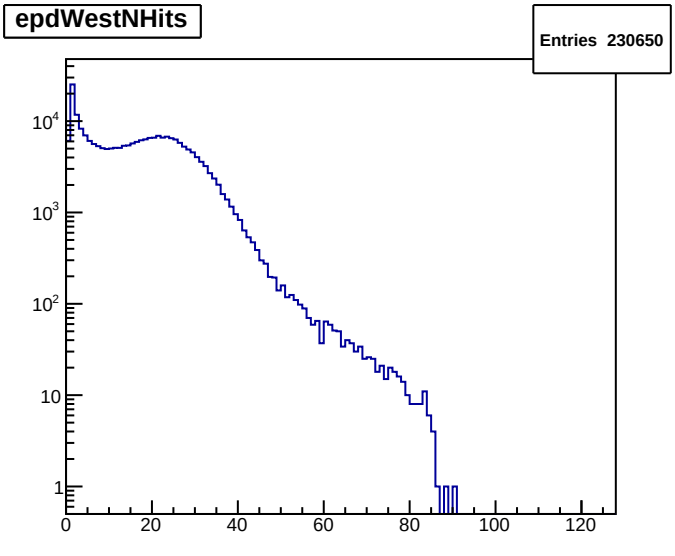
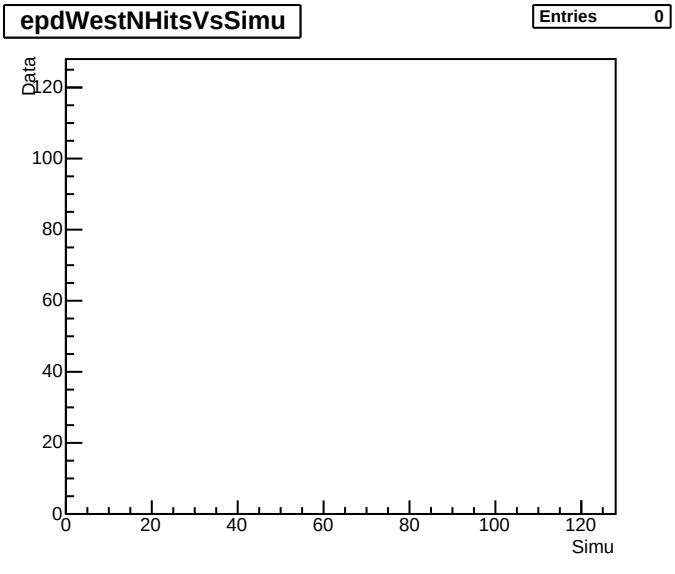
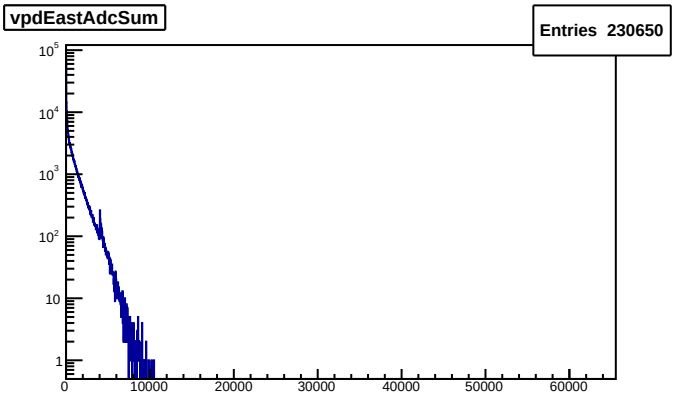
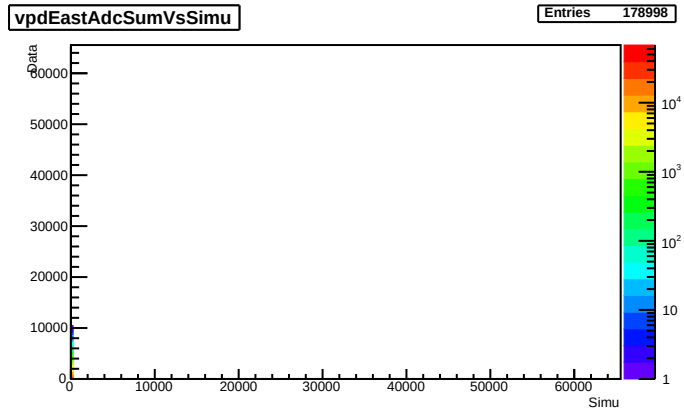
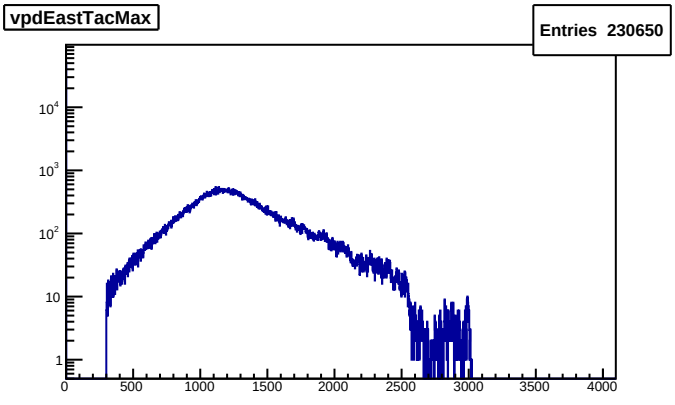
Entries 0
Data
Simu

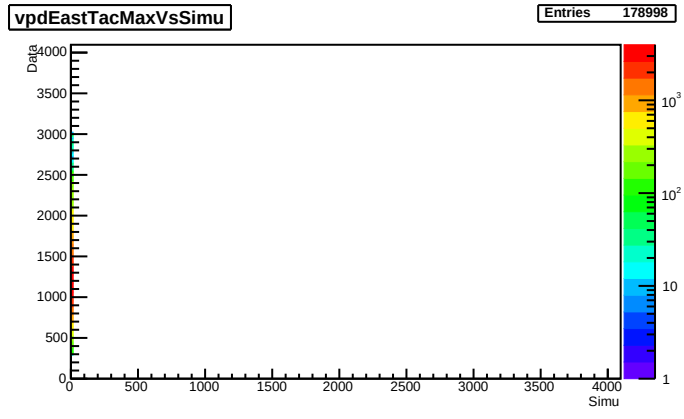

epdWestNHits
Entries 230650

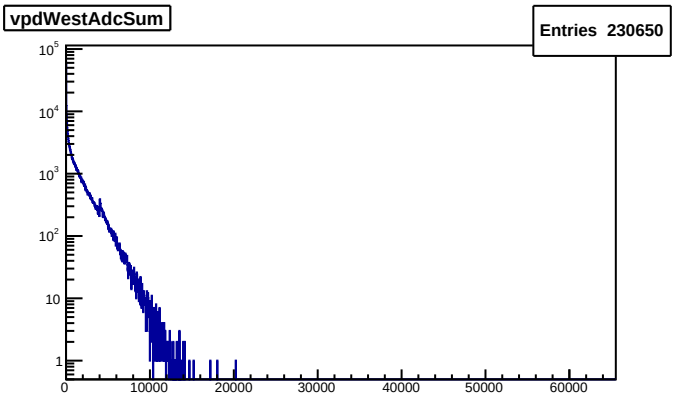

epdWestNHitsVsSimu
Entries 0
Data
Simu

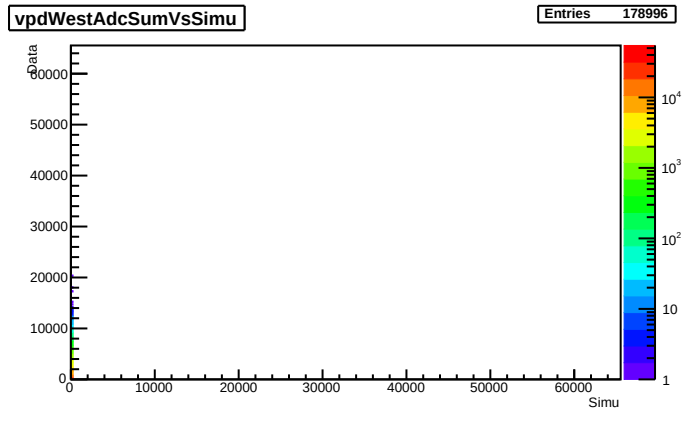

vpdEastAdcSum
Entries 230650

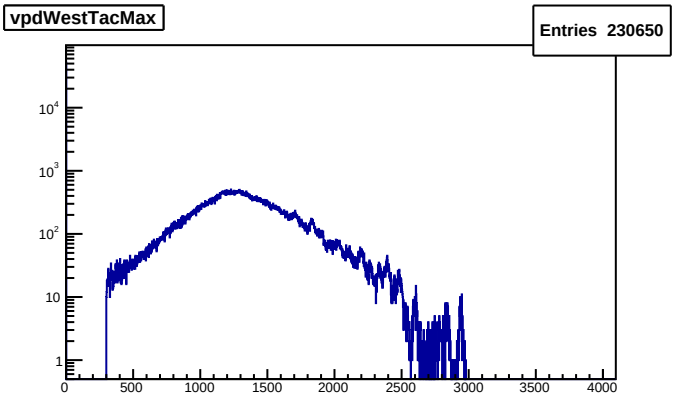

vpdEastAdcSumVsSimu
Entries 178998
Data
Simu

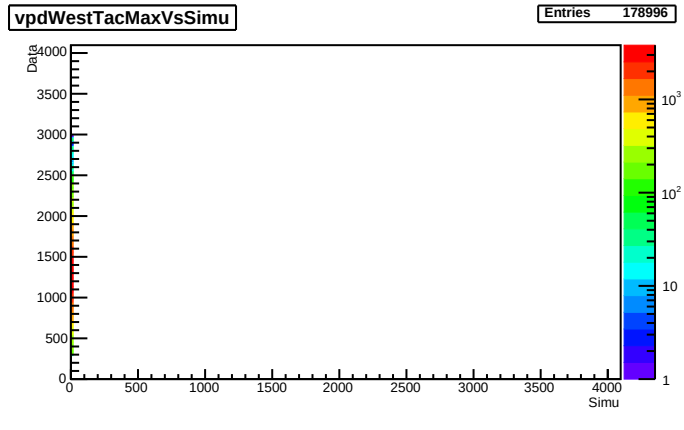

vpdEastTacMax
Entries 230650

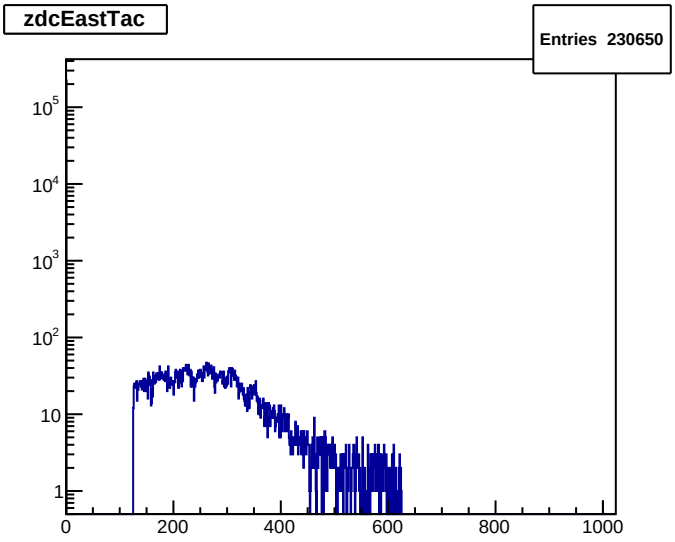

vpdEastTacMaxVsSimu
Entries 178998
Data
Simu

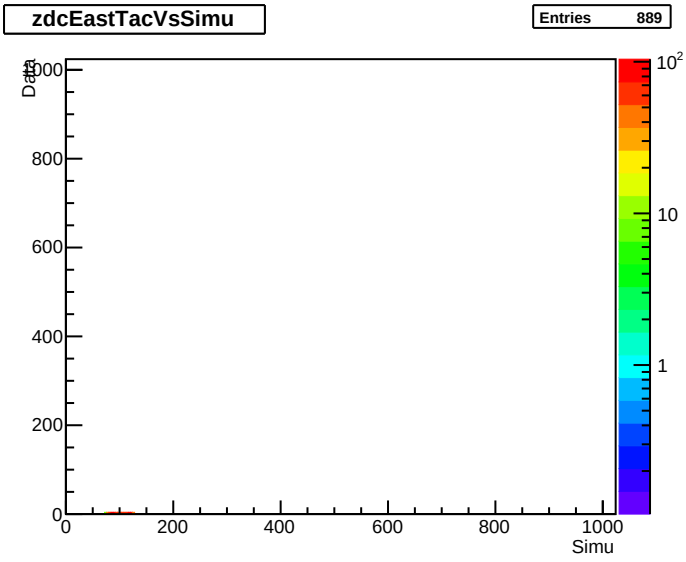

vpdWestAdcSum
Entries 230650

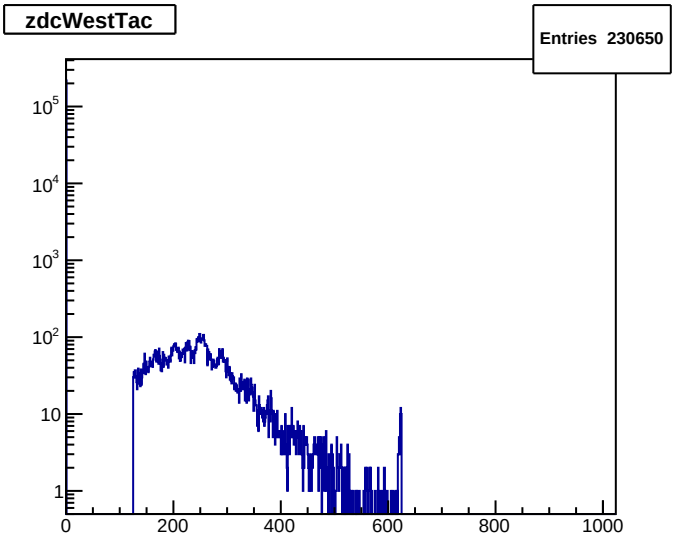

vpdWestAdcSumVsSimu
Entries 178996
Data
Simu

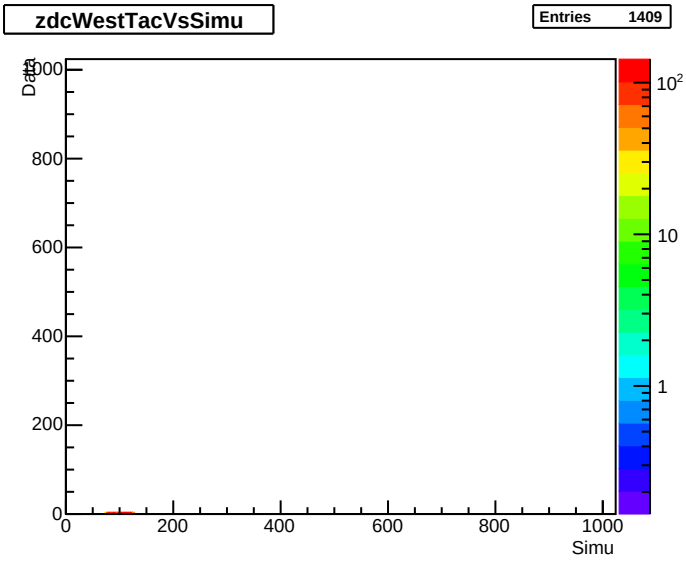

vpdWestTacMax
Entries 230650

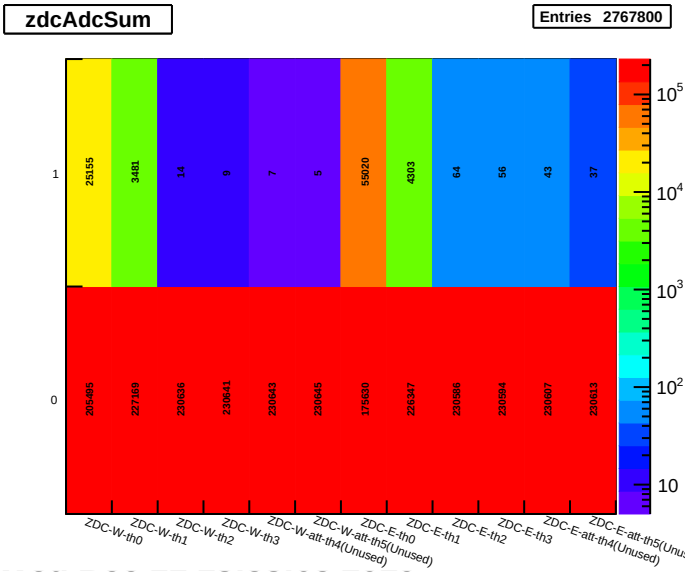

vpdWestTacMaxVsSimu
Entries 178996
Data
Simu

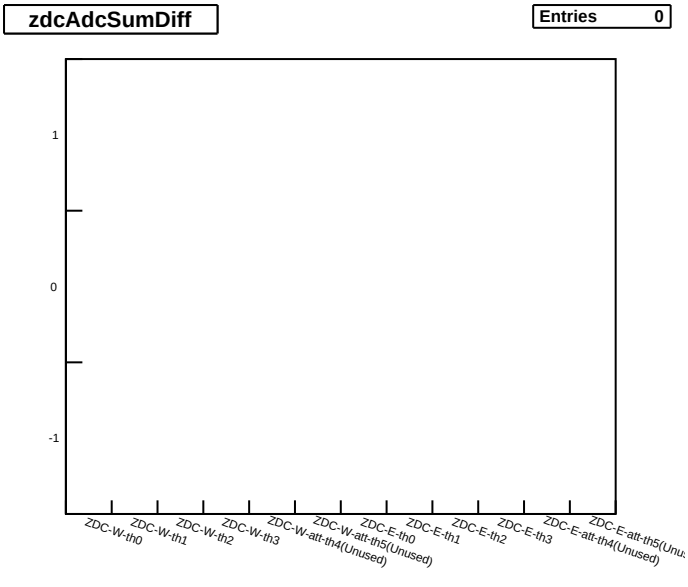

zdcEastTac
Entries 230650

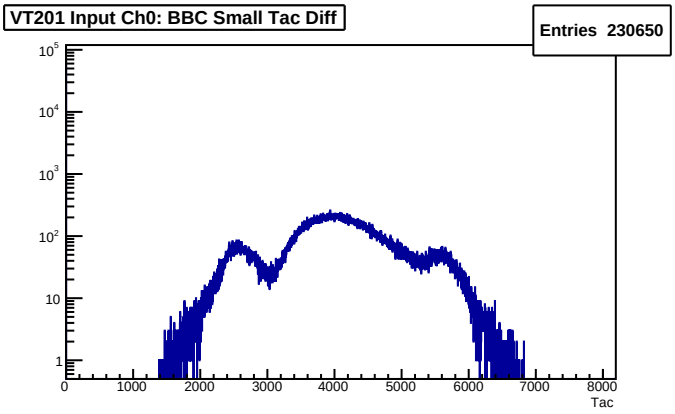

zdcEastTacVsSimu
Entries 889
Data
Simu

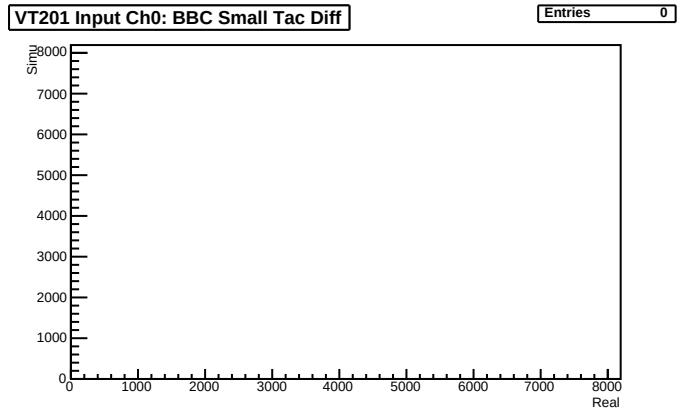

zdcWestTac
Entries 230650

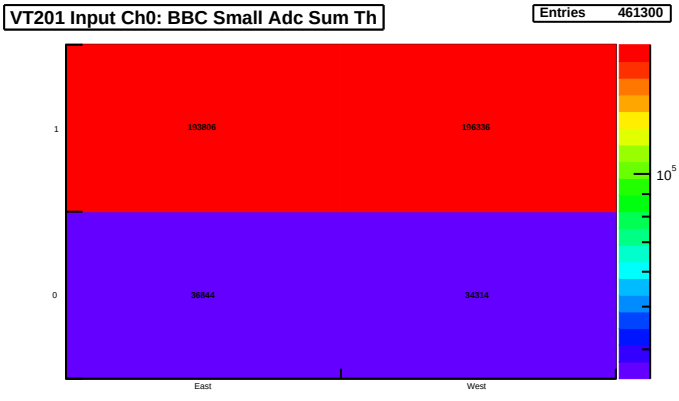

zdcWestTacVsSimu
Entries 1409
Data
Simu

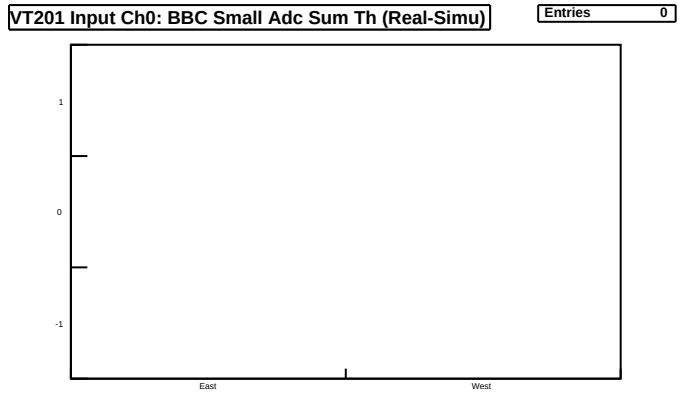

zdcAdcSum
Entries 2767800
25155
3481
14
9
7
5
55020
4303
64
56
43
37
205495
227169
230636
230641
230643
230645
175630
226347
230586
230594
230607
230613
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

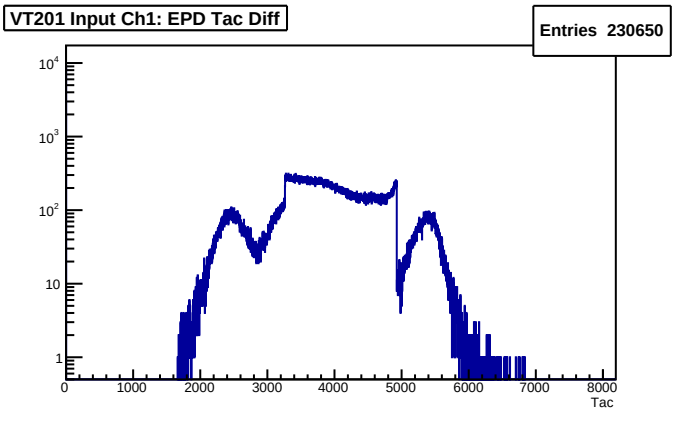

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

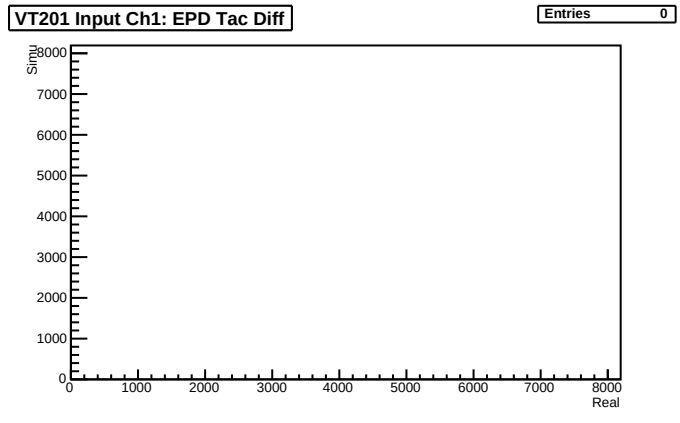

VT201 Input Ch0: BBC Small Tac Diff
Entries 230650
Tac

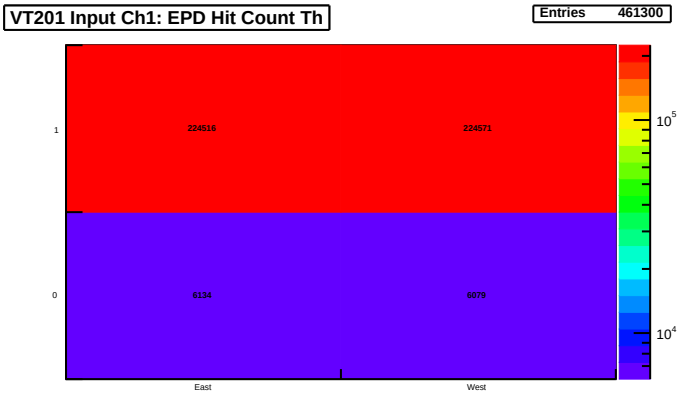

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

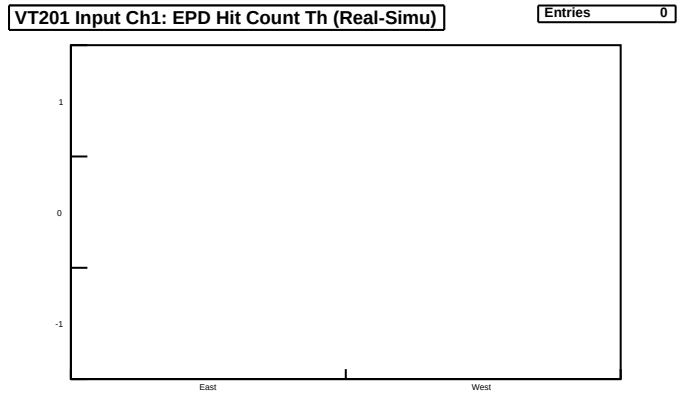

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 461300
193806
196336
36844
34314
East
West

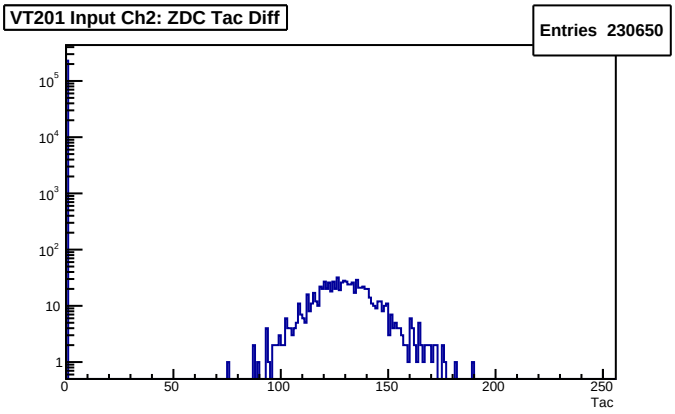

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

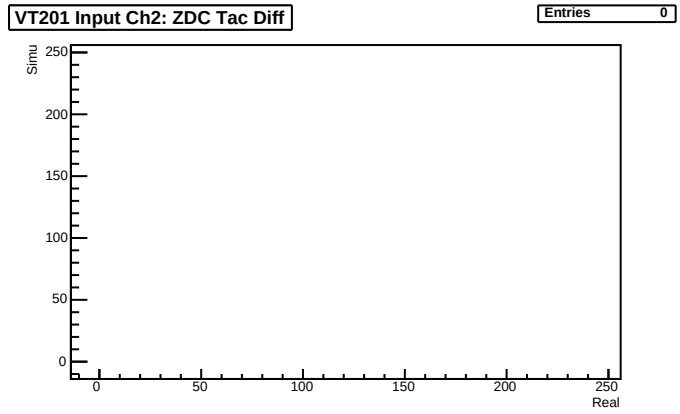

VT201 Input Ch1: EPD Tac Diff
Entries 230650
Tac

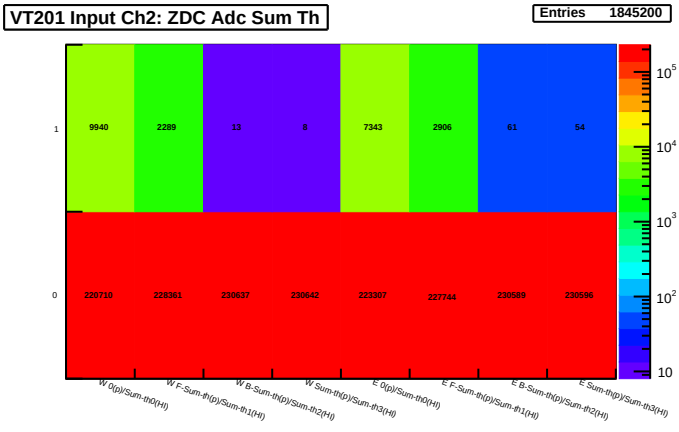

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

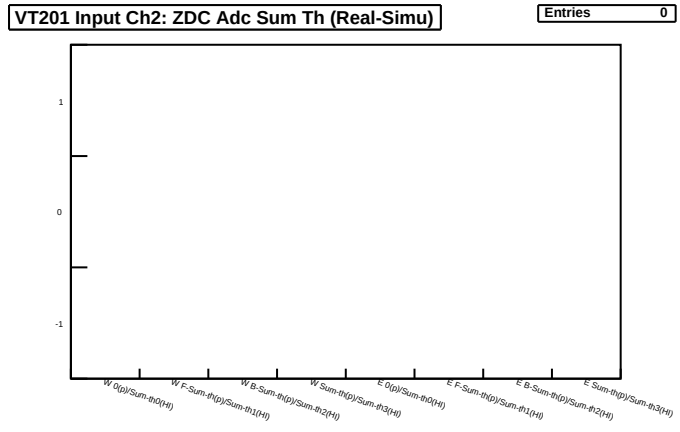

VT201 Input Ch1: EPD Hit Count Th
Entries 461300
224516
224571
6134
6079
East
West

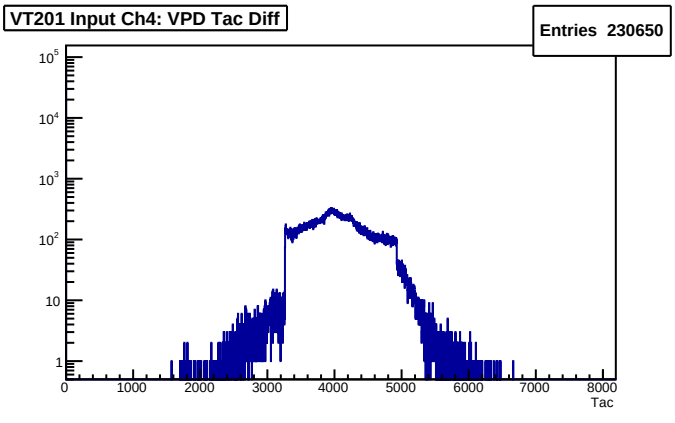

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

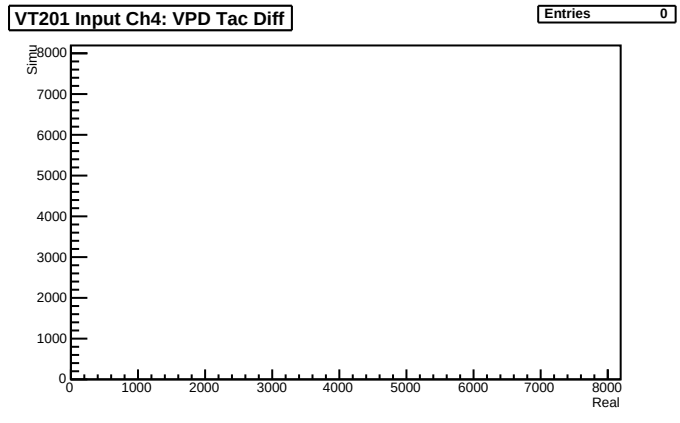

VT201 Input Ch2: ZDC Tac Diff
Entries 230650
Tac

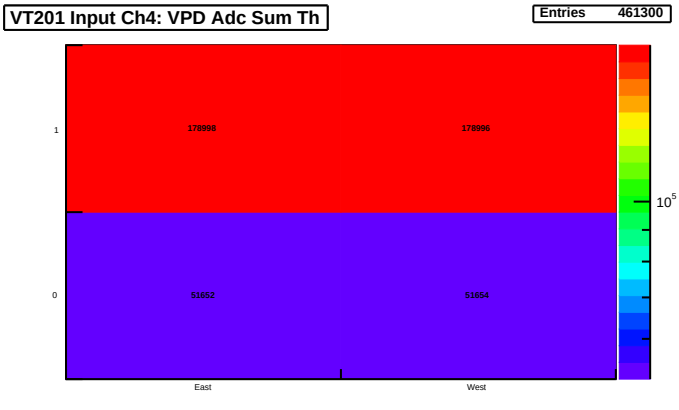

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

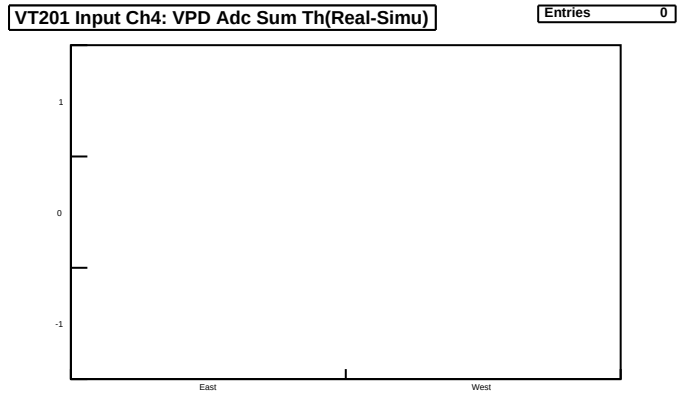

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1845200
9940
2289
13
8
7343
2906
61
54
220710
228361
230637
230642
223307
227744
230589
230596
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

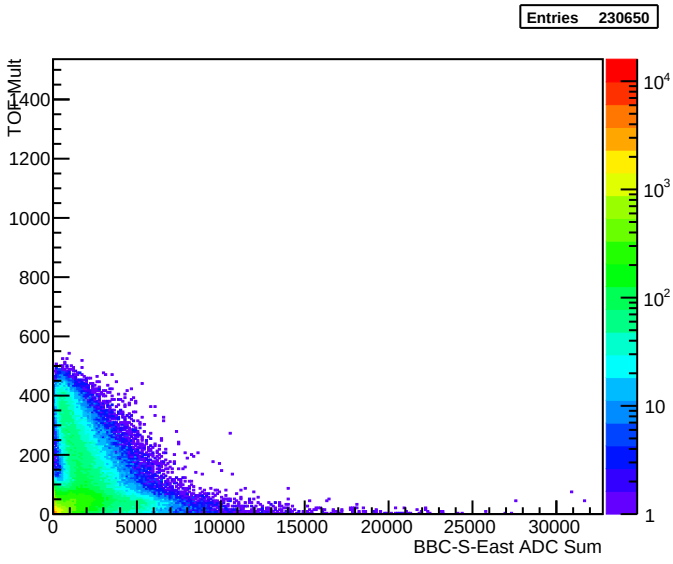

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

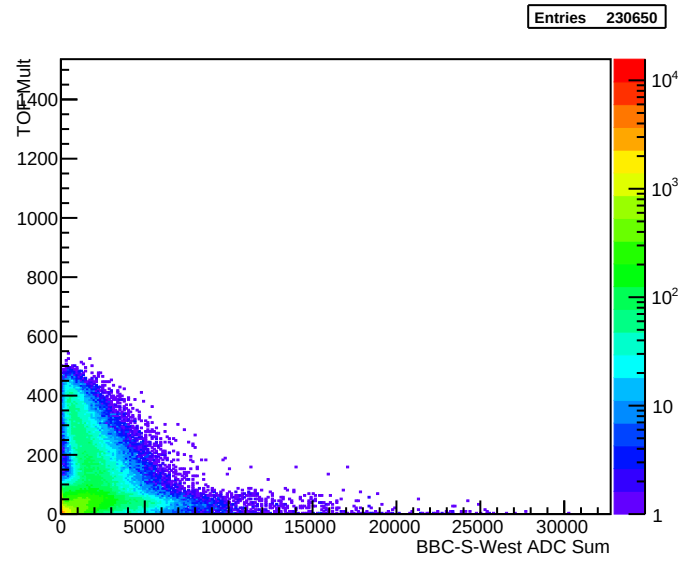

VT201 Input Ch4: VPD Tac Diff
Entries 230650
Tac

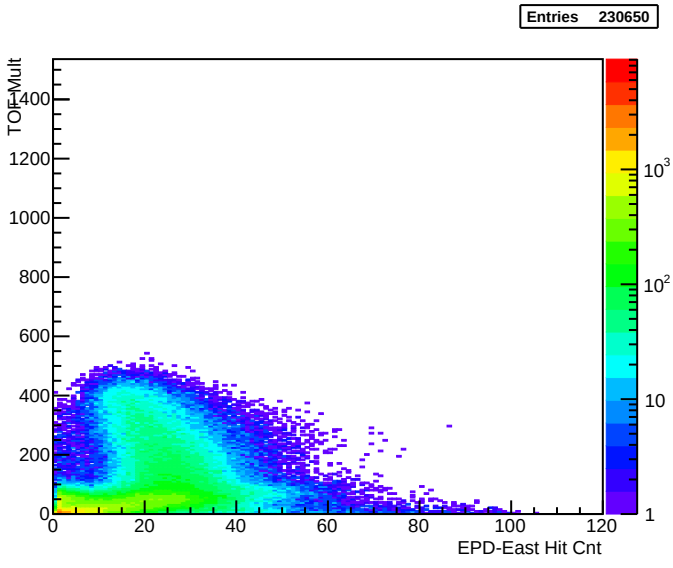

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

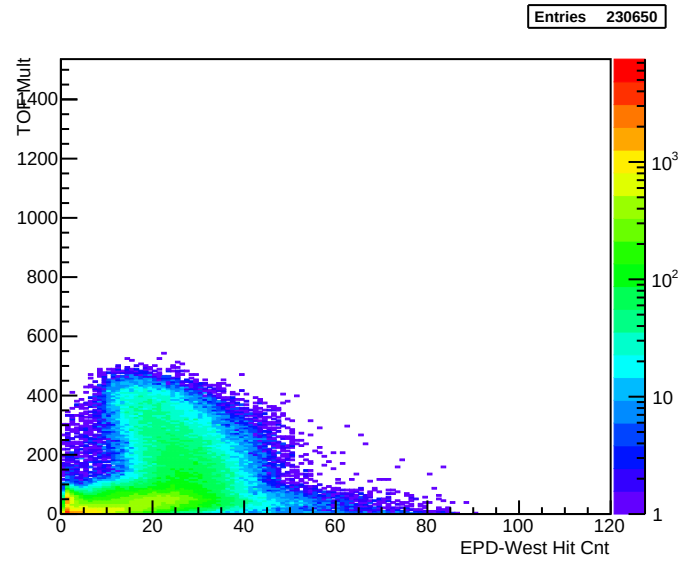

VT201 Input Ch4: VPD Adc Sum Th
Entries 461300
178998
178996
51652
51654
East
West

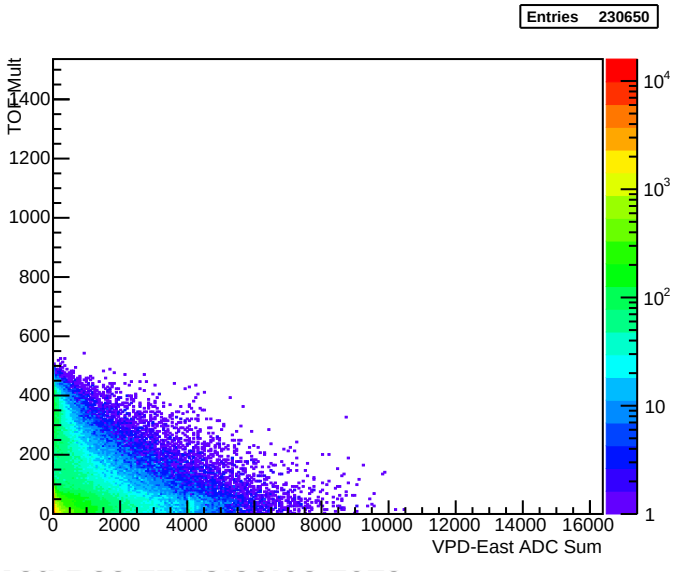

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

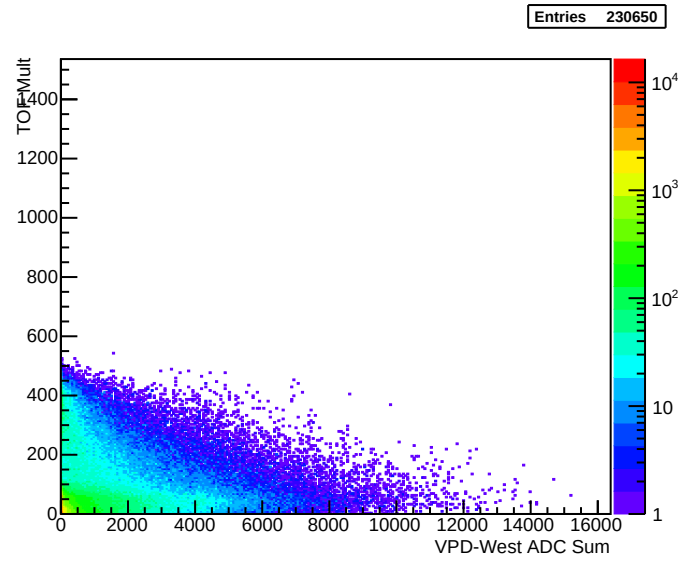

Entries 230650
TOF-Mult
BBC-S-East ADC Sum

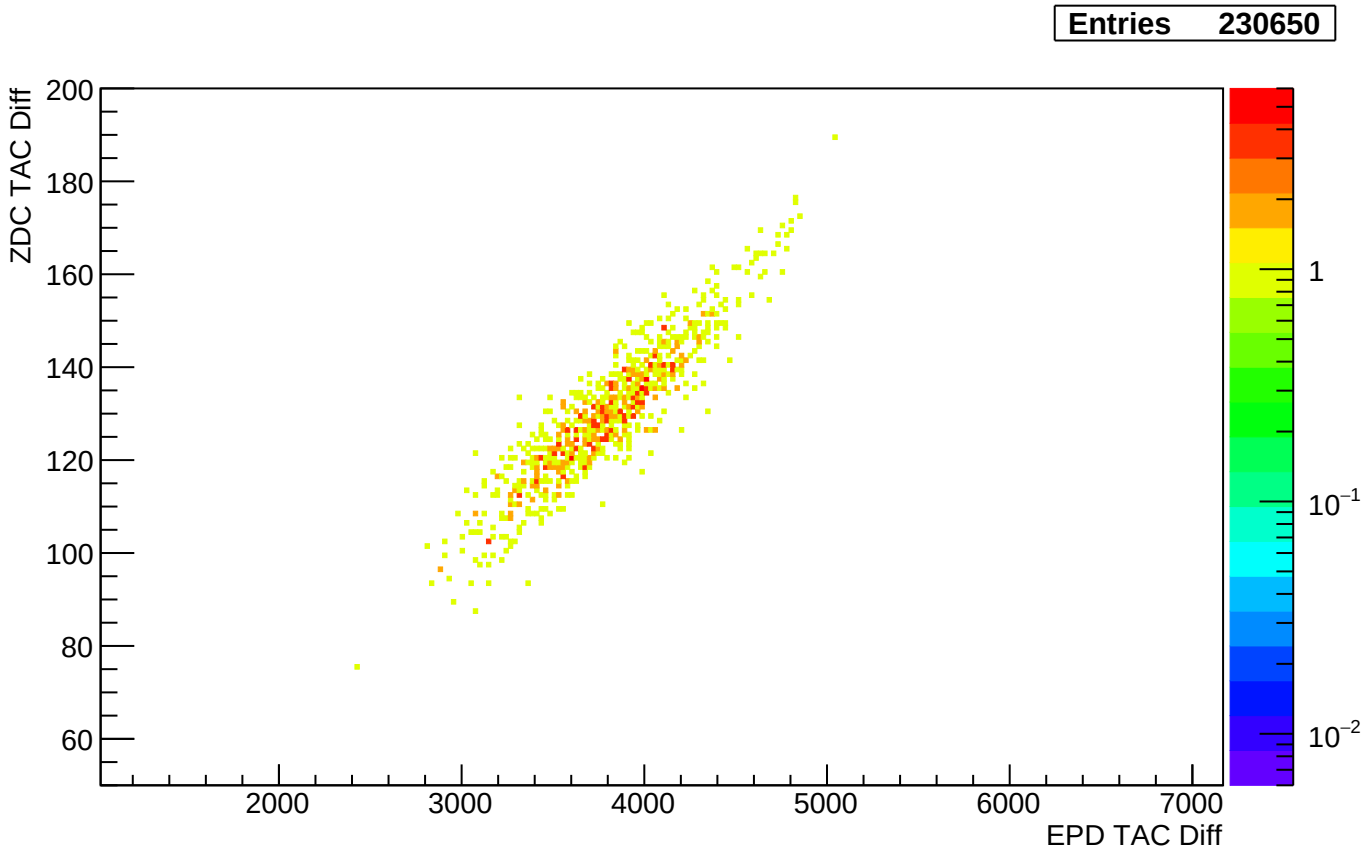

Entries 230650
TOF-Mult
BBC-S-West ADC Sum

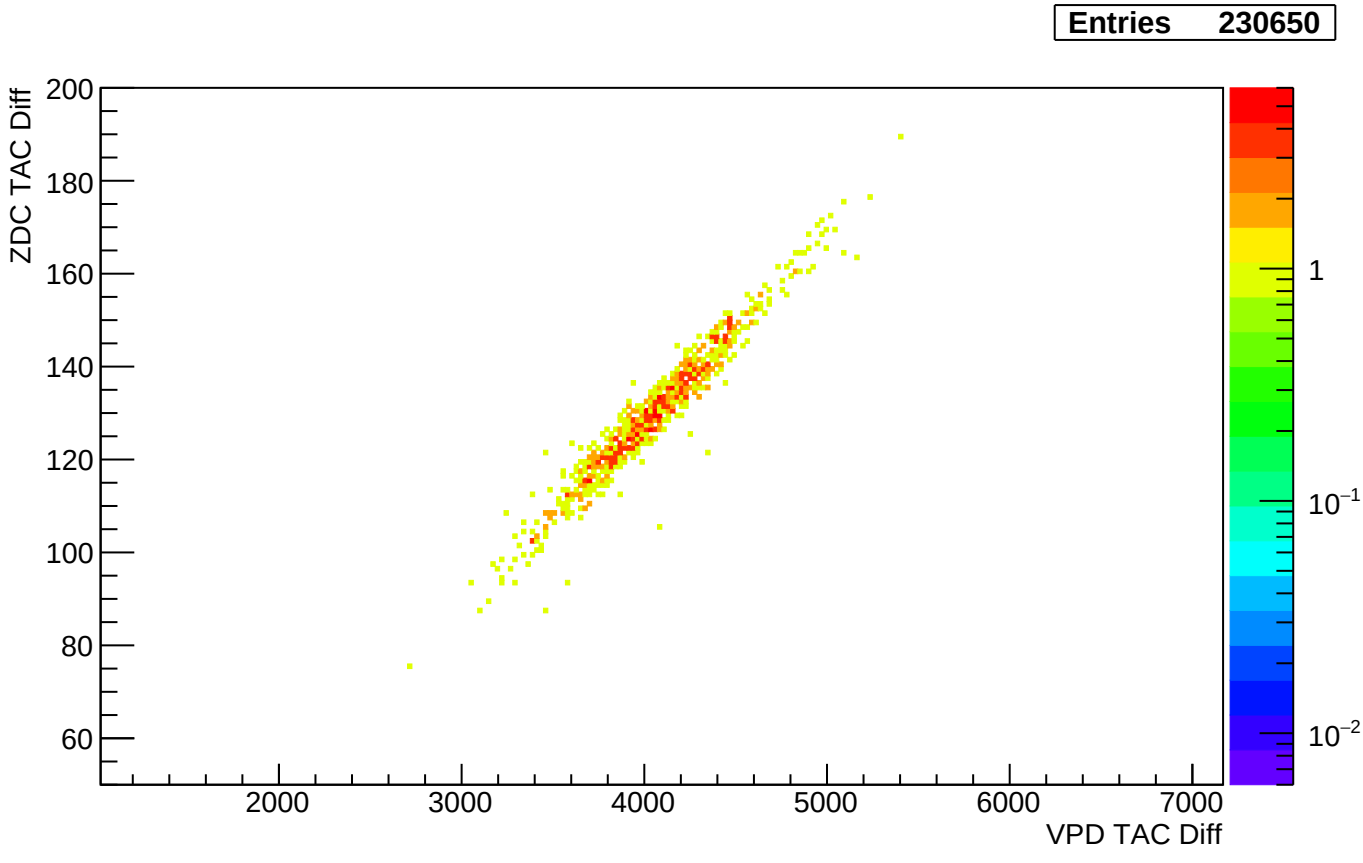

Entries 230650
TOF-Mult
EPD-East Hit Cnt

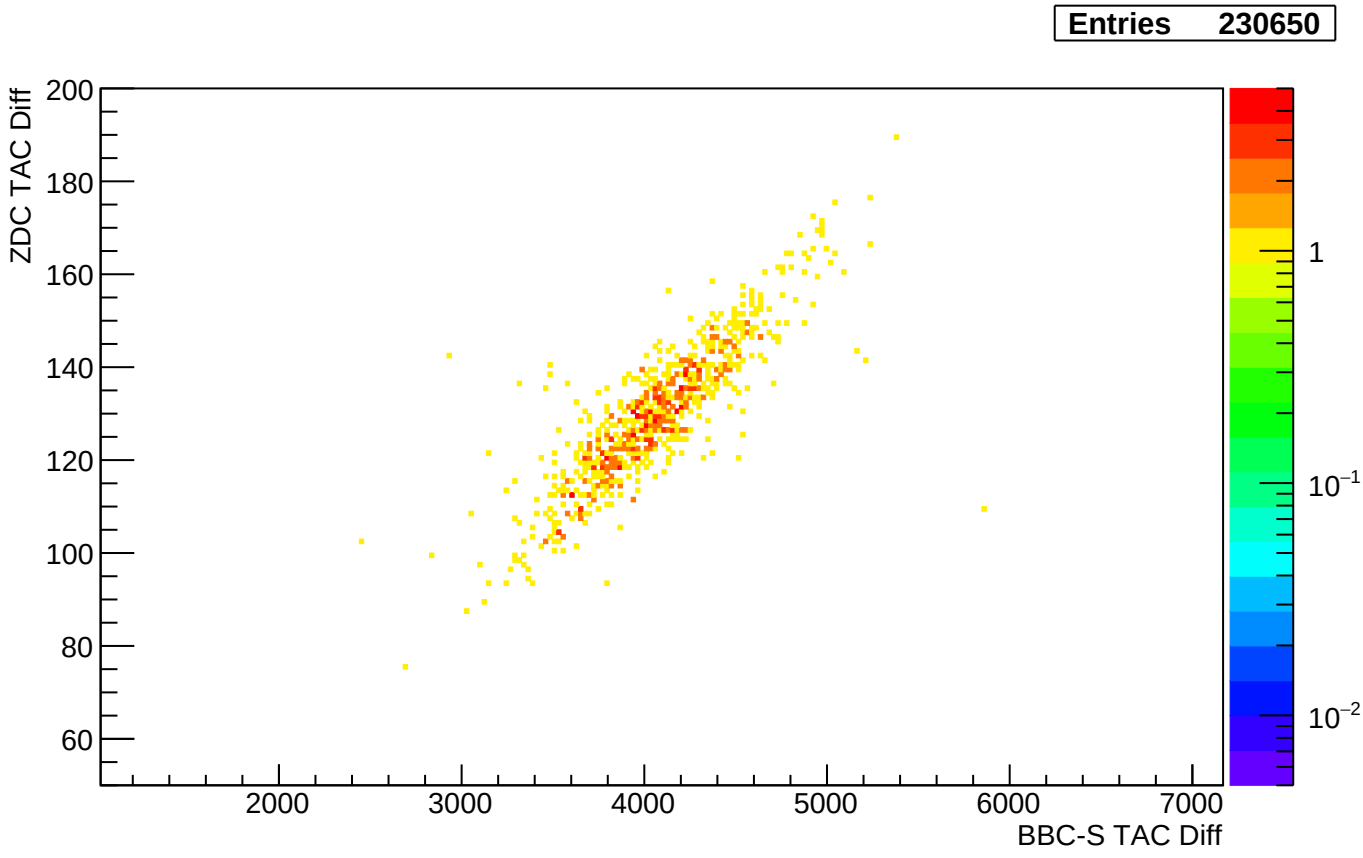

Entries 230650
TOF-Mult
EPD-West Hit Cnt

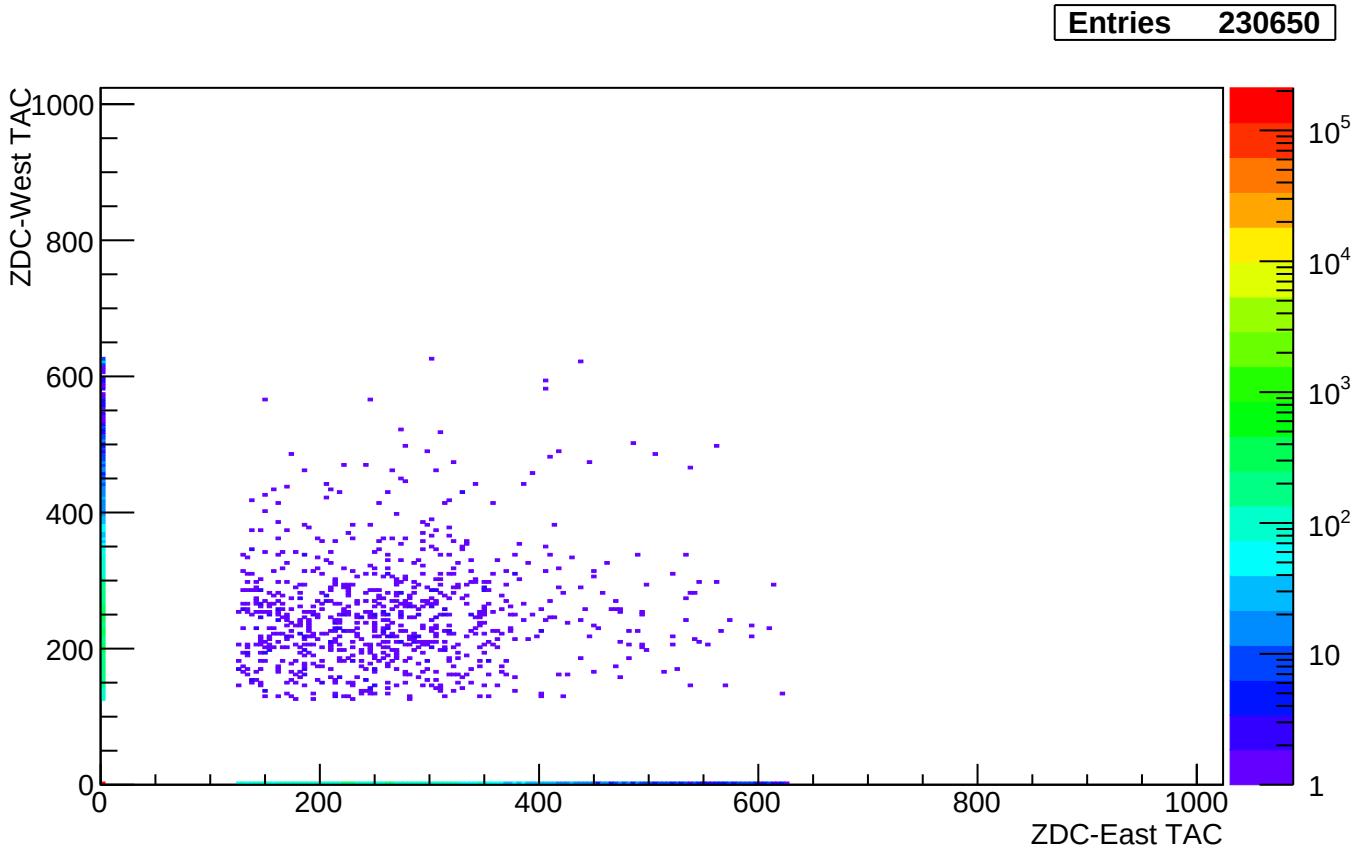

Entries 230650
TOF-Mult
VPD-East ADC Sum

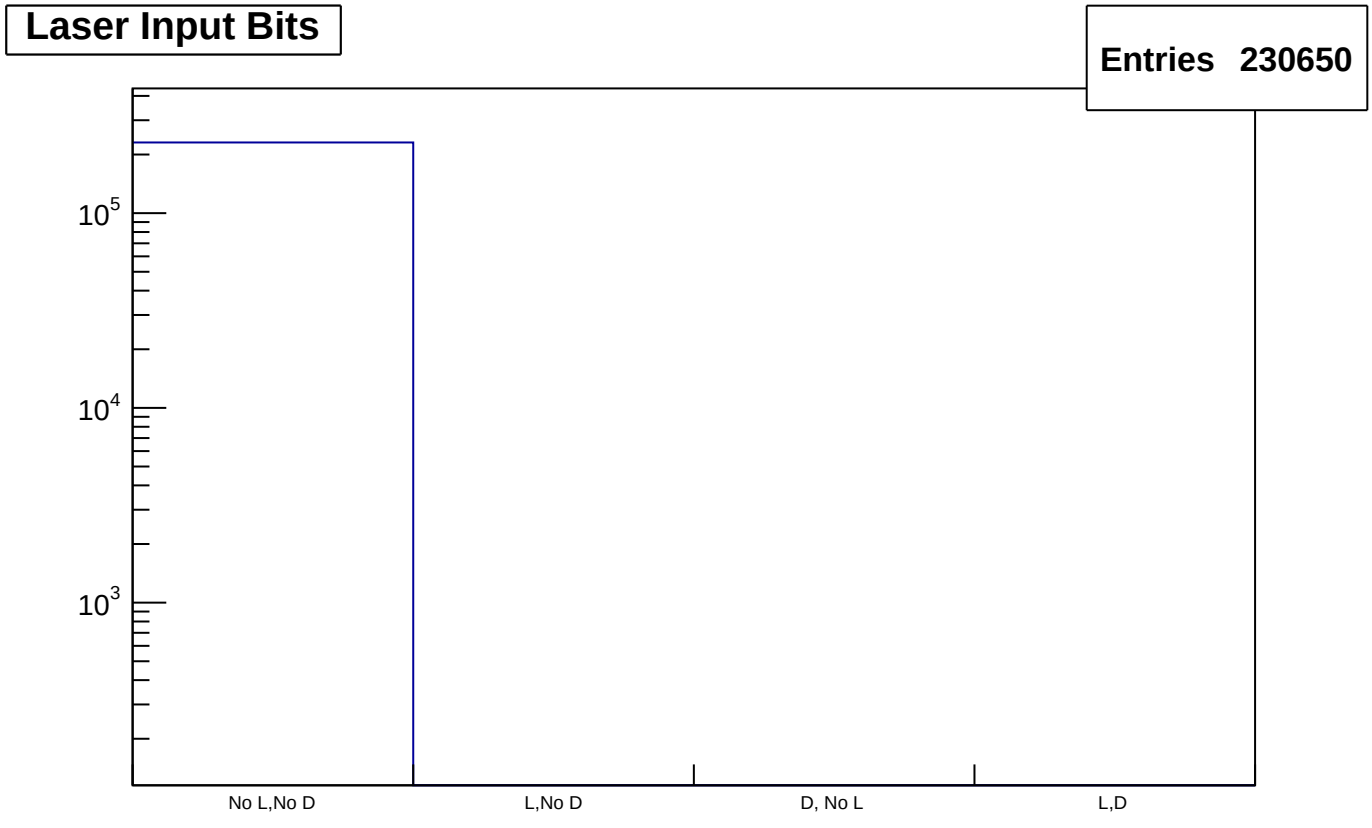

Entries 230650
TOF-Mult
VPD-West ADC Sum

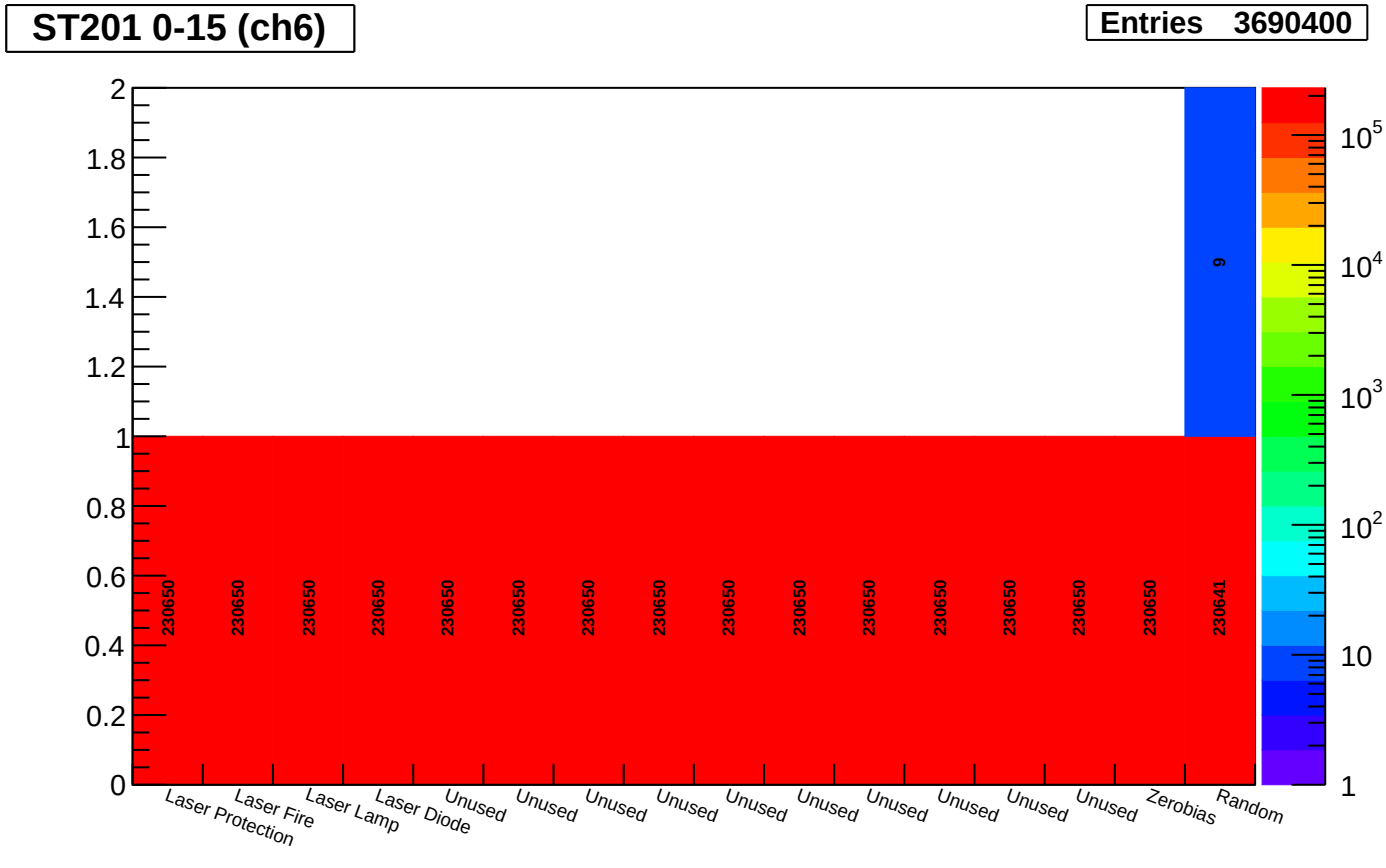

Entries 230650
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

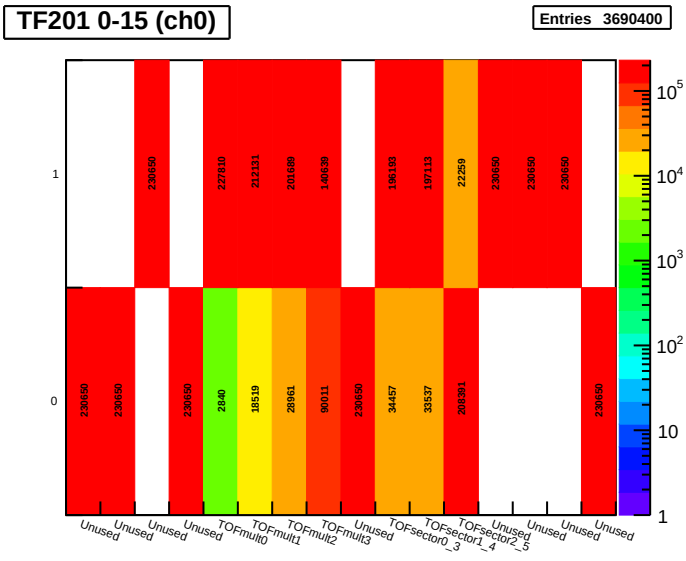

Entries 230650
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

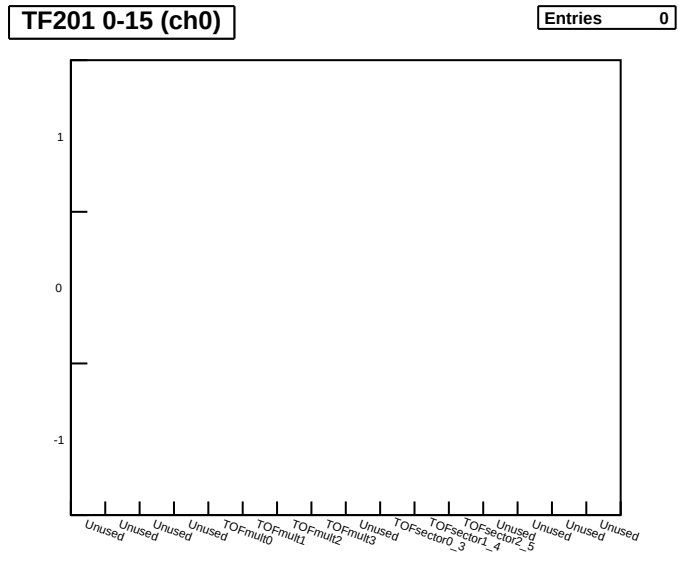

Entries 230650
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

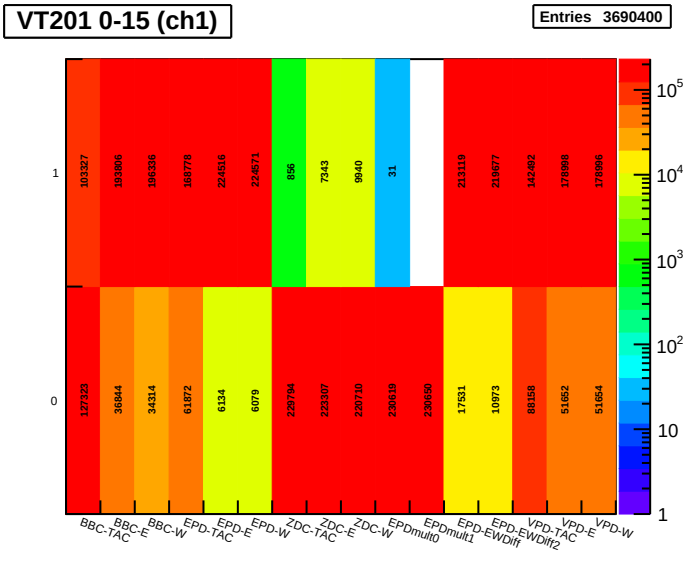

Entries 230650
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

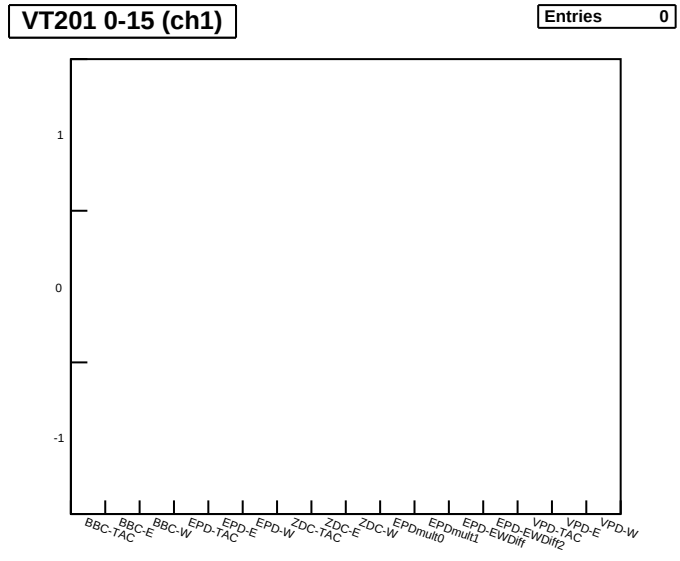

Laser Input Bits
Entries 230650
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

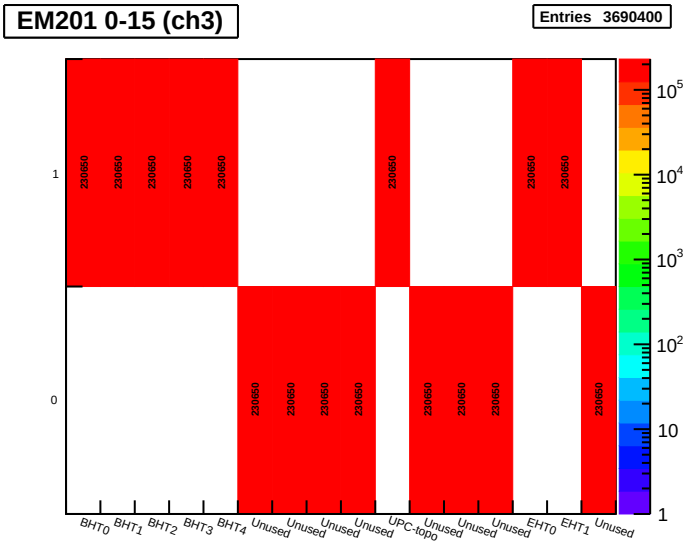

ST201 0-15 (ch6)
Entries 3690400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
230650
230650
230650
230650
230650
230650
230650
230650
230650
230650
230650
230650
230650
230650
230641
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

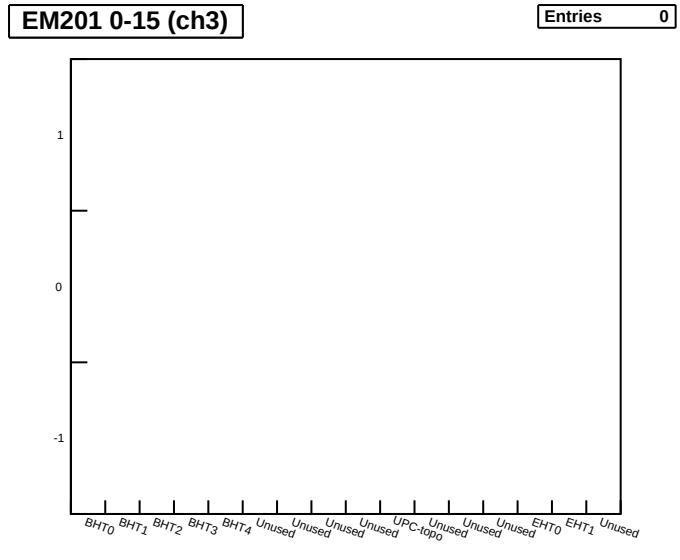

TF201 0-15 (ch0)
Entries 3690400
1
0
230650 227810 212131 201689 140639 196193 197113 22259 230650 230650 230650
230650 230650 230650 2840 18519 28961 90011 230650 34457 33537 208391 230650
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 3690400
1
0
103327 193886 196336 168778 224516 224571 856 7343 9040 31 213119 219677 142482 178998 178996
127323 36844 34314 61872 6134 6079 229794 223307 220710 230619 230650 17531 10973 88158 51652 51654
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 3690400
1
0
230650 230650 230650 230650 230650 230650 230650 230650
230650 230650 230650 230650 230650 230650 230650 230650
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