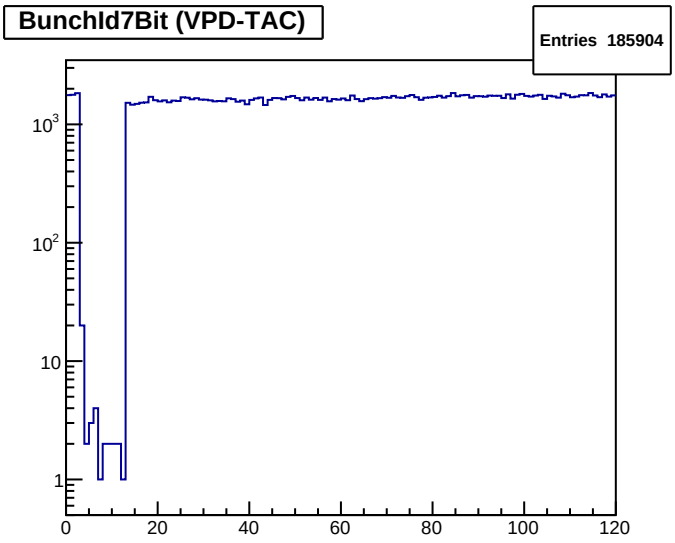
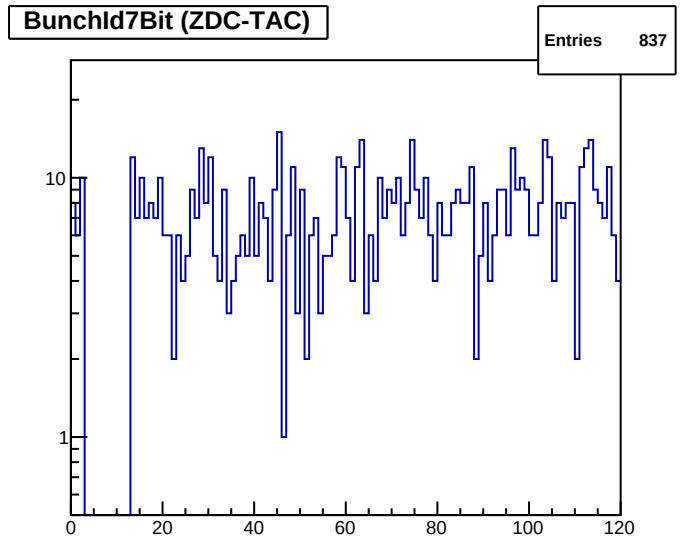
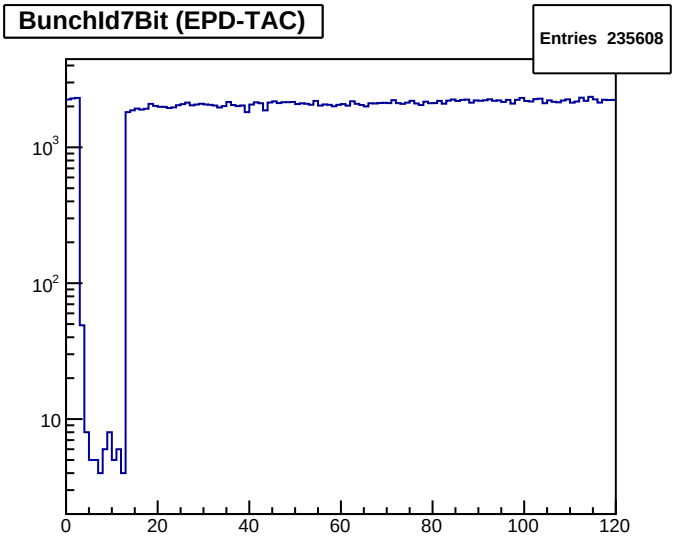
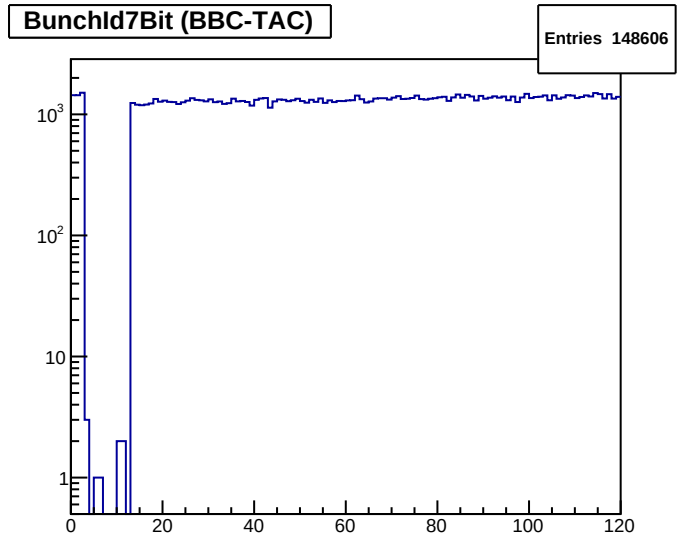
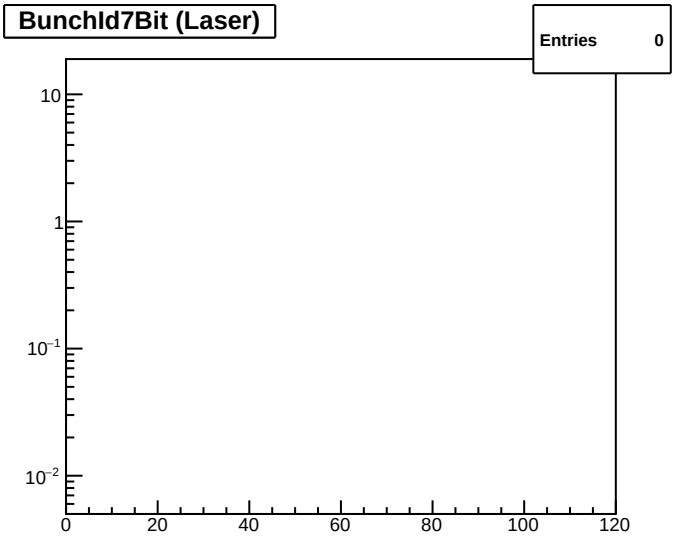
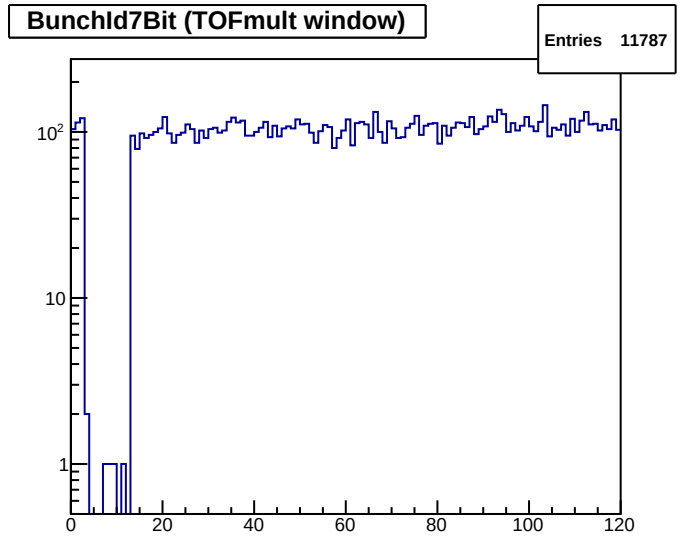

BunchId7Bit (VPD-TAC)
Entries 185904

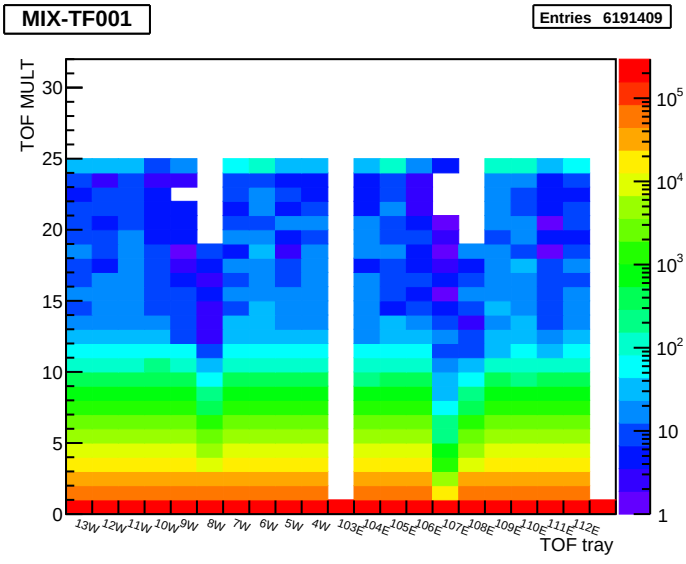

BunchId7Bit (ZDC-TAC)
Entries 837

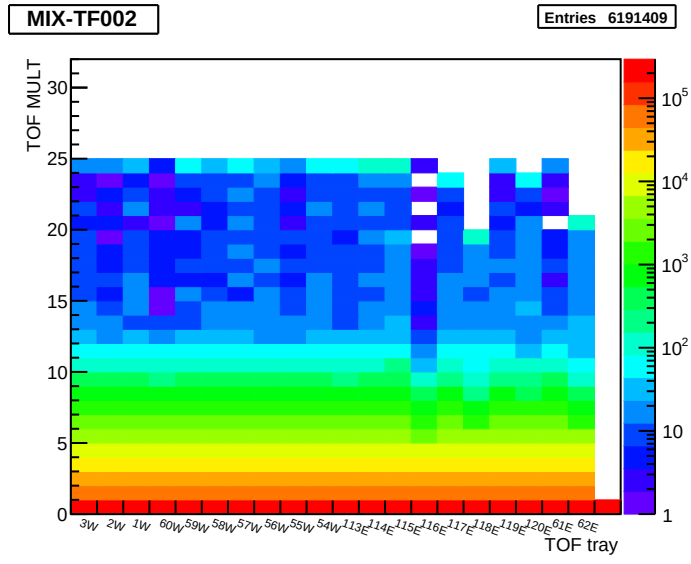

BunchId7Bit (EPD-TAC)
Entries 235608

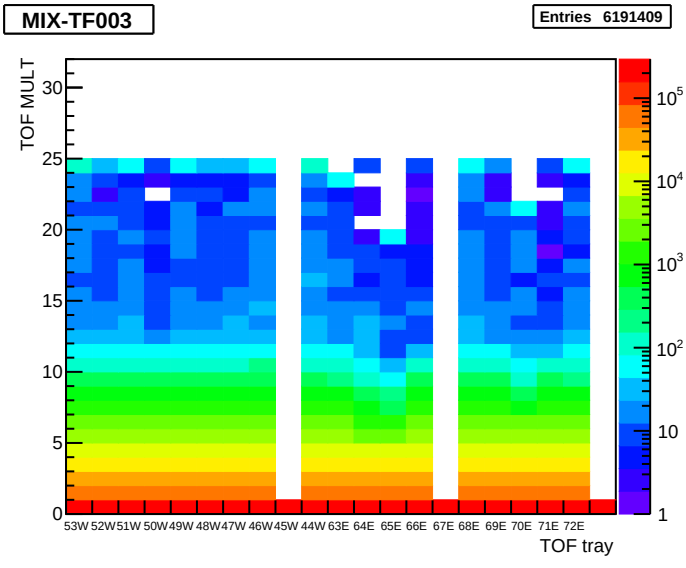

BunchId7Bit (BBC-TAC)
Entries 148606

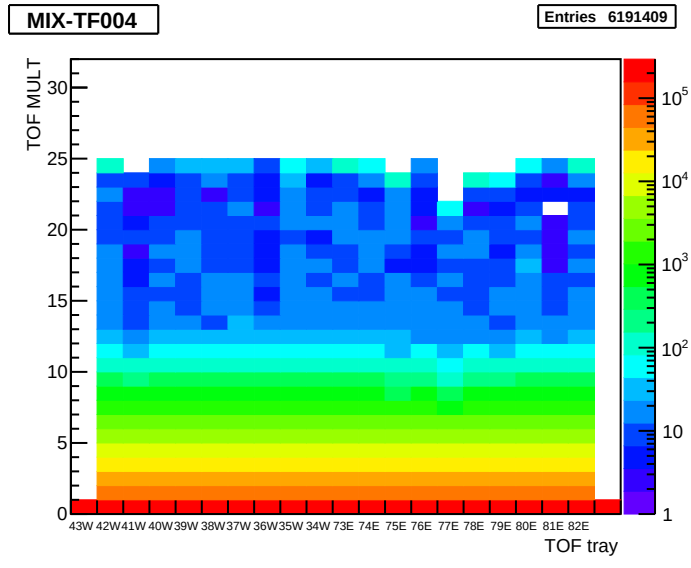

BunchId7Bit (Laser)
Entries 0

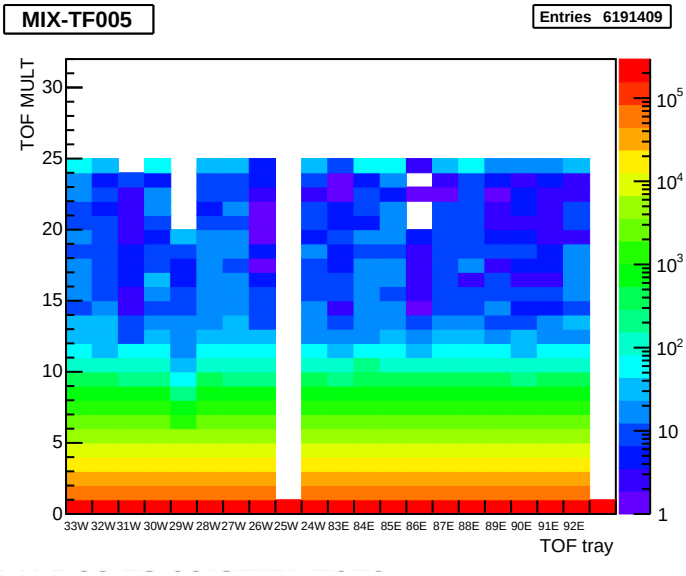

BunchId7Bit (TOFmult window)
Entries 11787

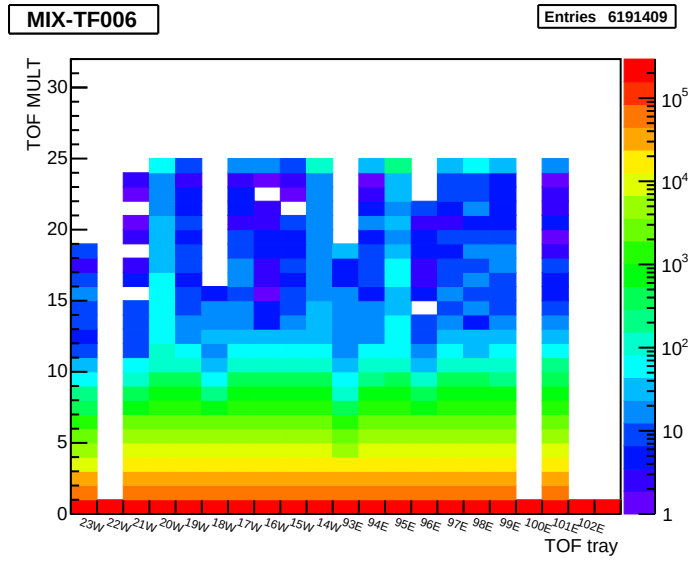

MIX-TF001
Entries 6191409
TOF MULT
TOF tray

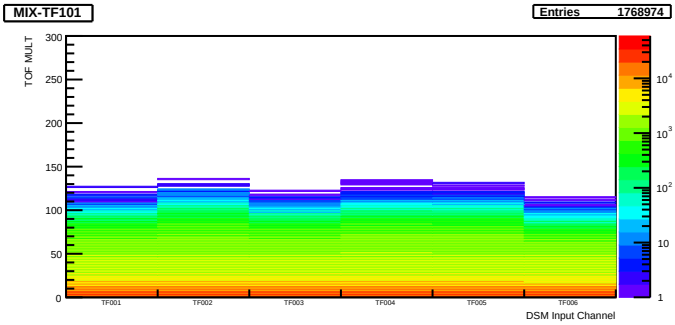

MIX-TF002
Entries 6191409
TOF MULT
TOF tray

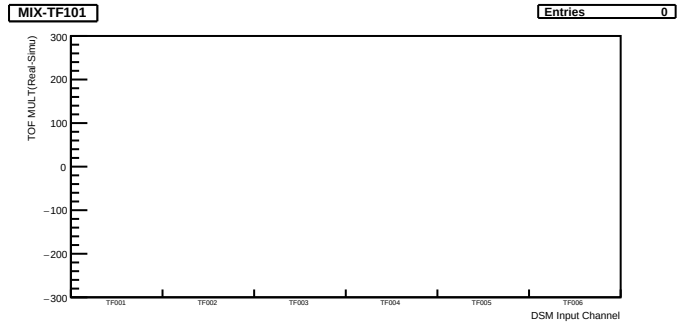

MIX-TF003
Entries 6191409
TOF MULT
TOF tray

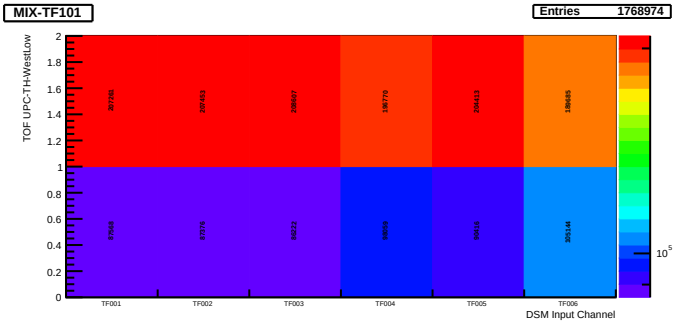

MIX-TF004
Entries 6191409
TOF MULT
TOF tray

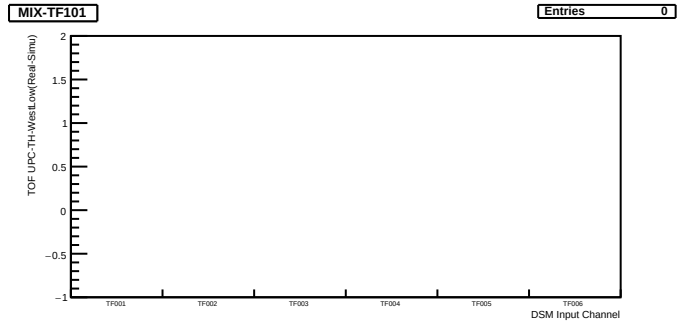

MIX-TF005
Entries 6191409
TOF MULT
TOF tray

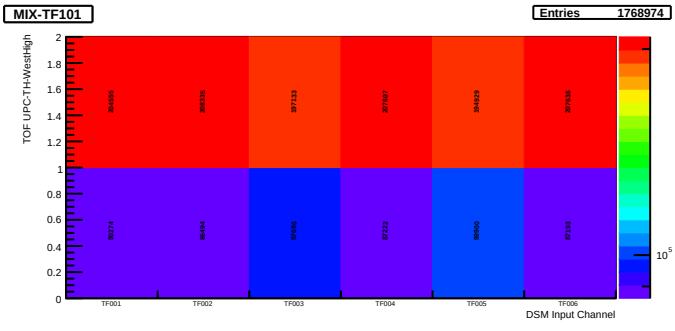

MIX-TF006
Entries 6191409
TOF MULT
TOF tray

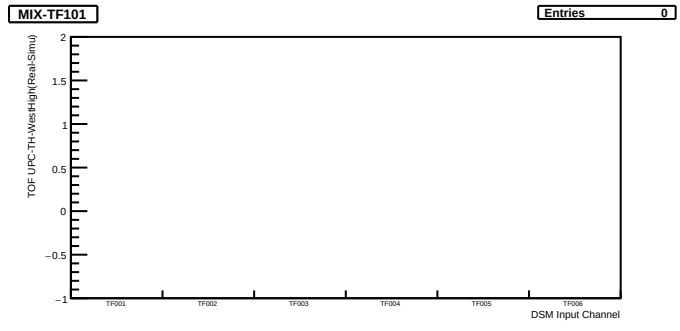

MIX-TF101
Entries 1768974
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

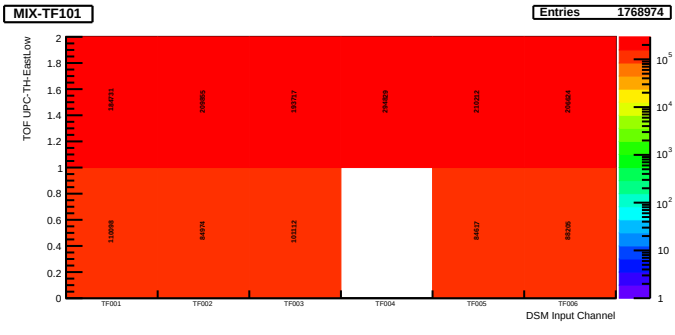

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

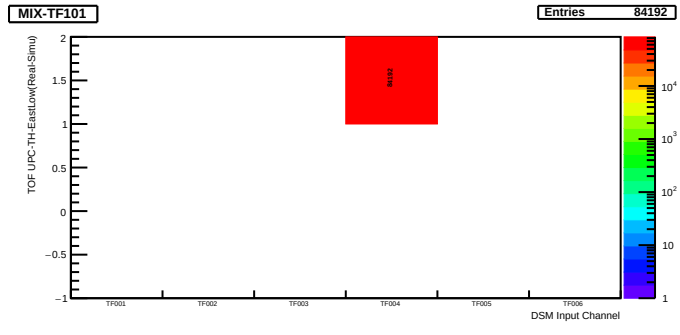

MIX-TF101
Entries 1768974
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

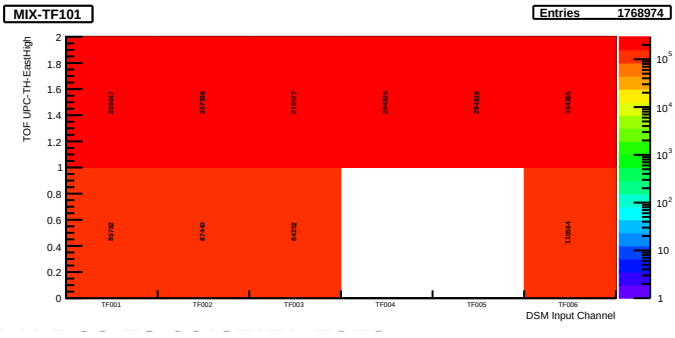

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

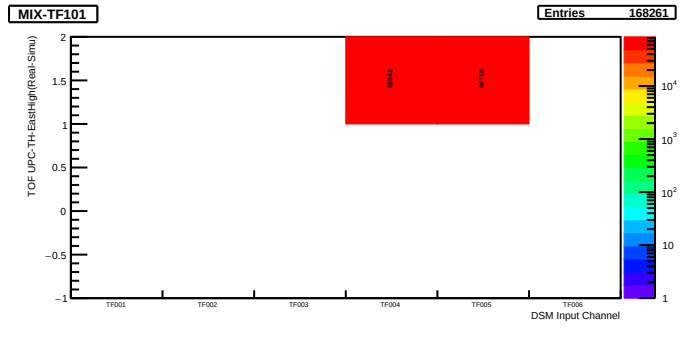

MIX-TF101
Entries 1768974
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

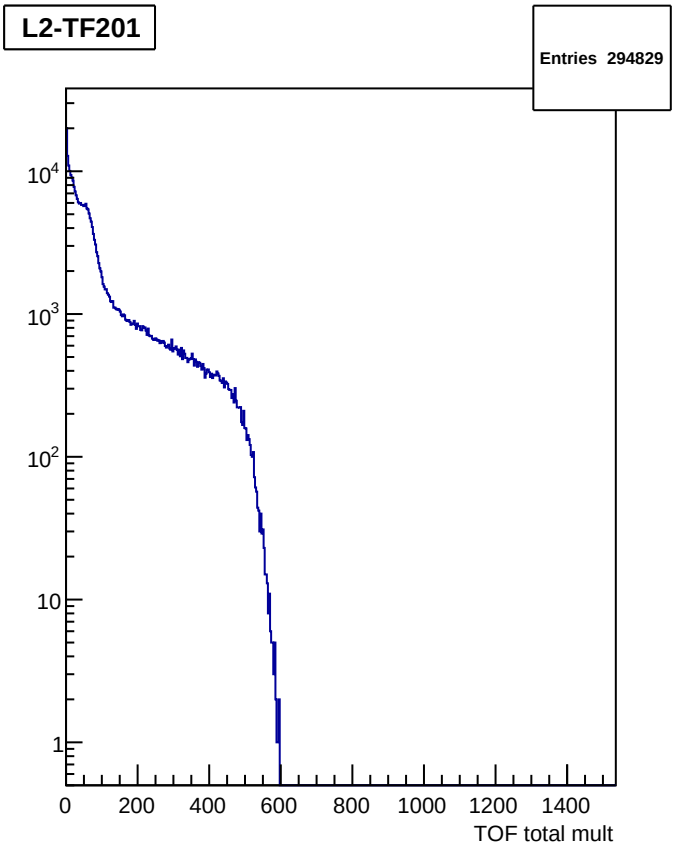

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

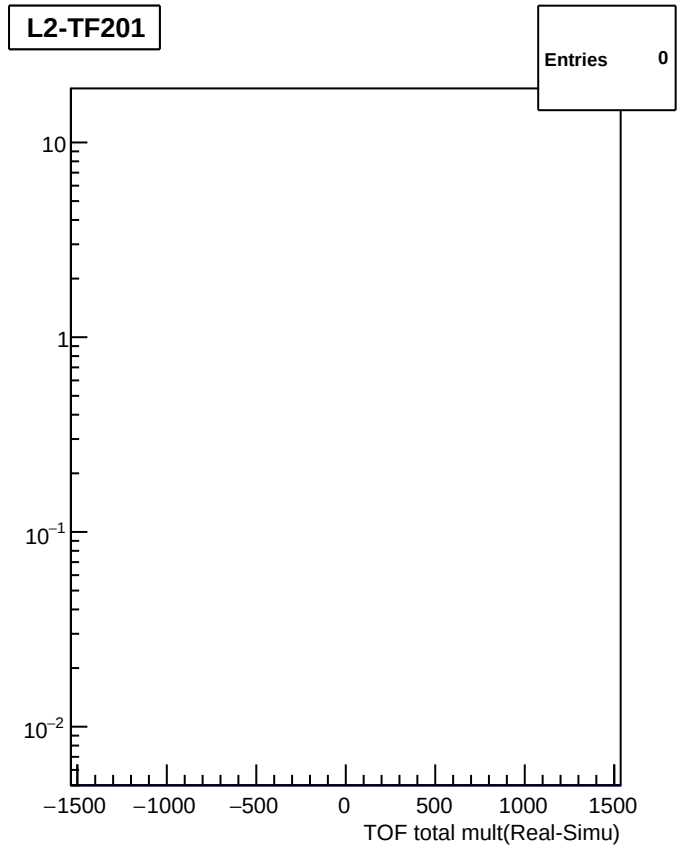

MIX-TF101
Entries 1768974
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

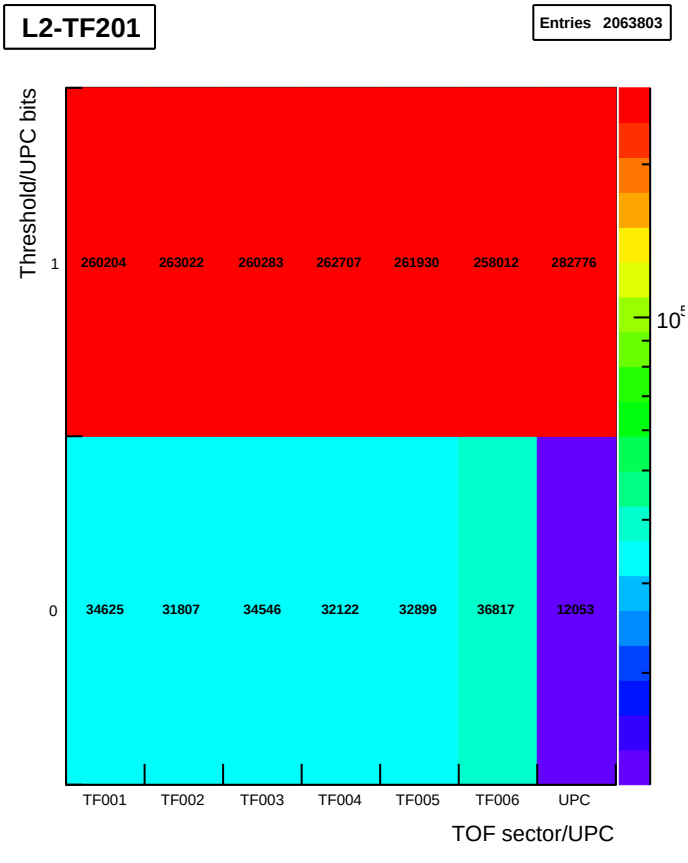

MIX-TF101
Entries 84192
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

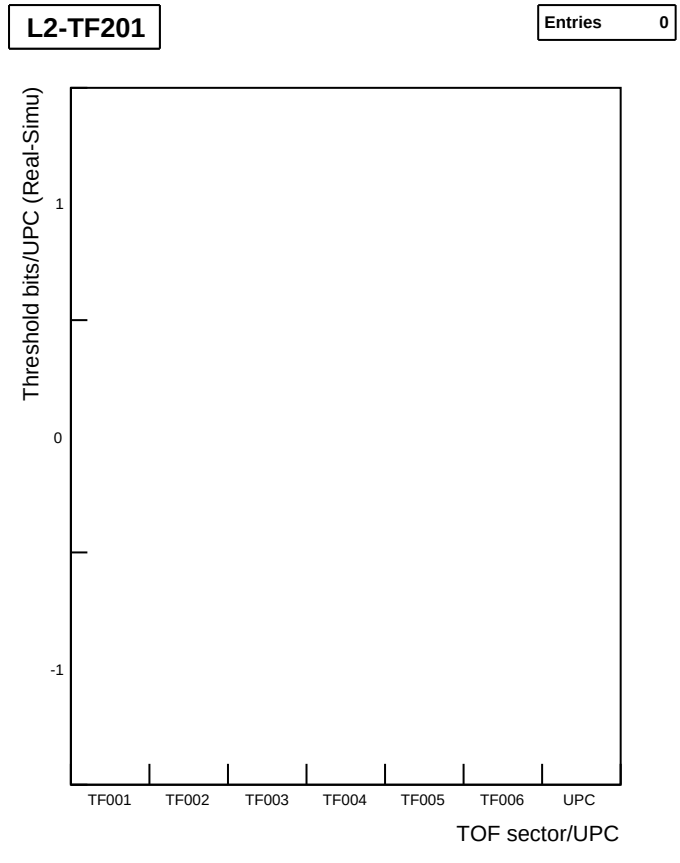

MIX-TF101
Entries 1768974
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

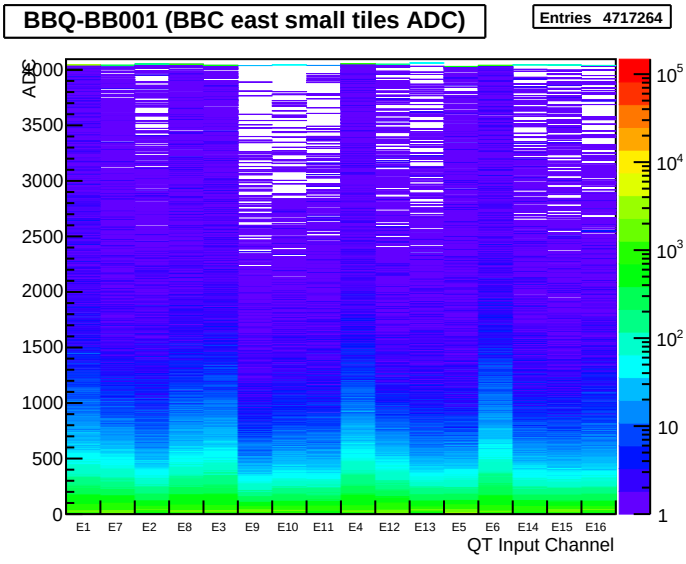

MIX-TF101
Entries 168261
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

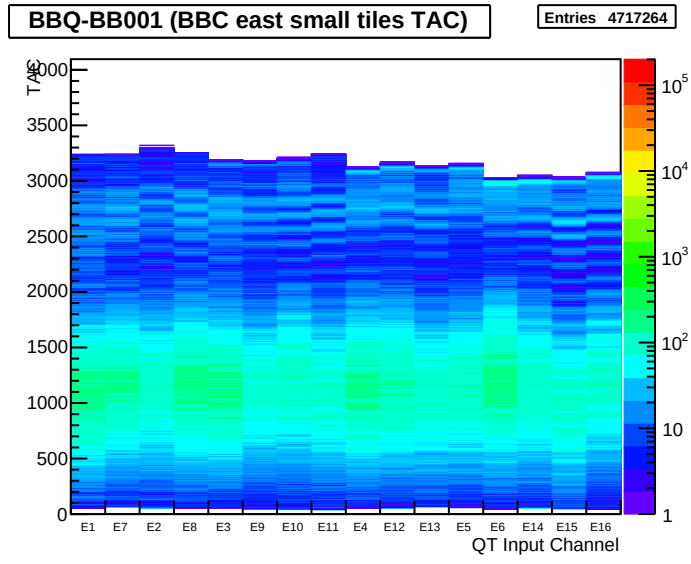

L2-TF201
Entries 294829
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

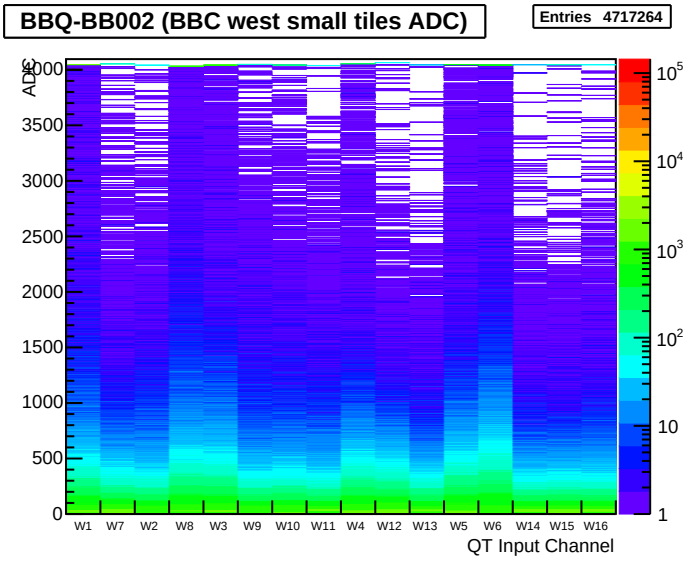

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

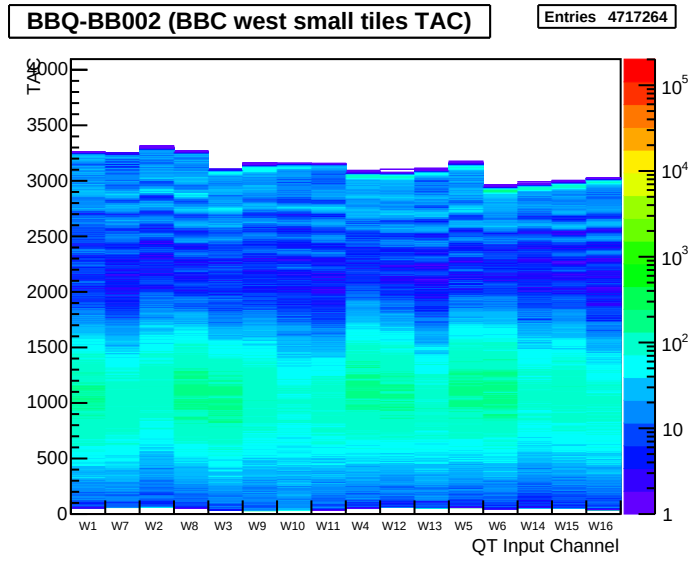

L2-TF201
Entries 2063803
Threshold/UPC bits
1
0
260204
263022
260283
262707
261930
258012
282776
34625
31807
34546
32122
32899
36817
12053
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

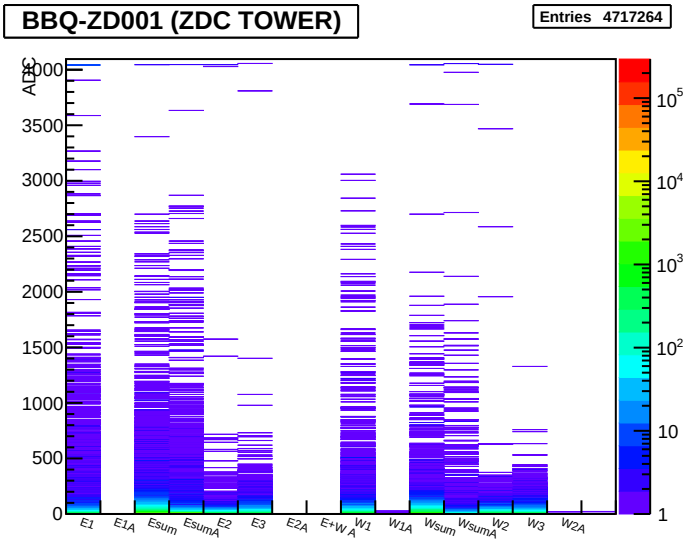

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

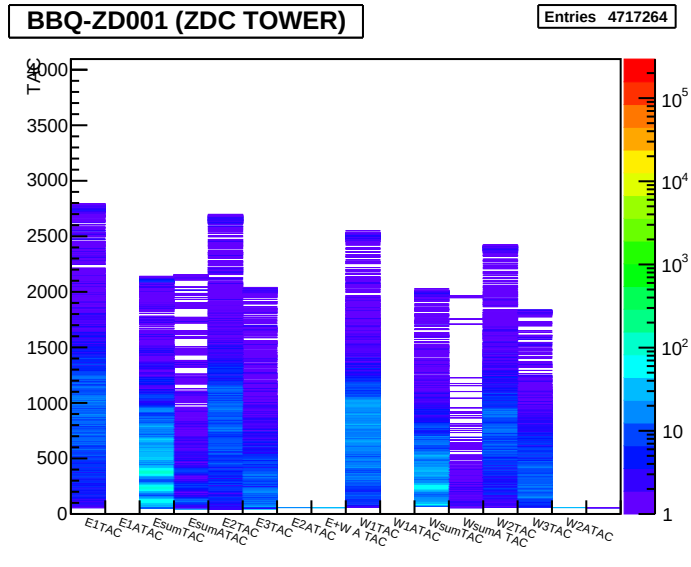

BBQ-BB001 (BBC east small tiles ADC)
Entries 4717264
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

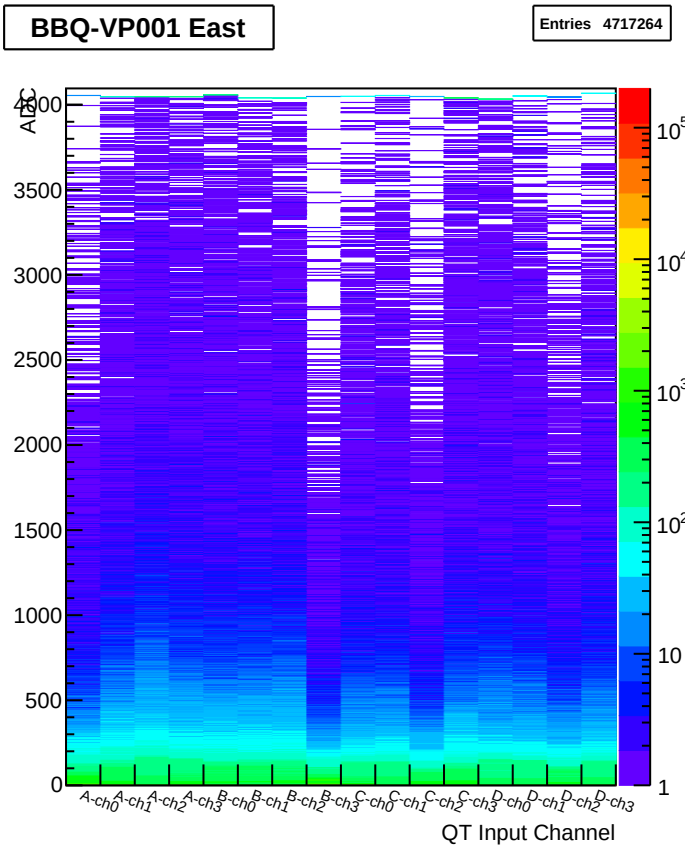

BBQ-BB001 (BBC east small tiles TAC)
Entries 4717264
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

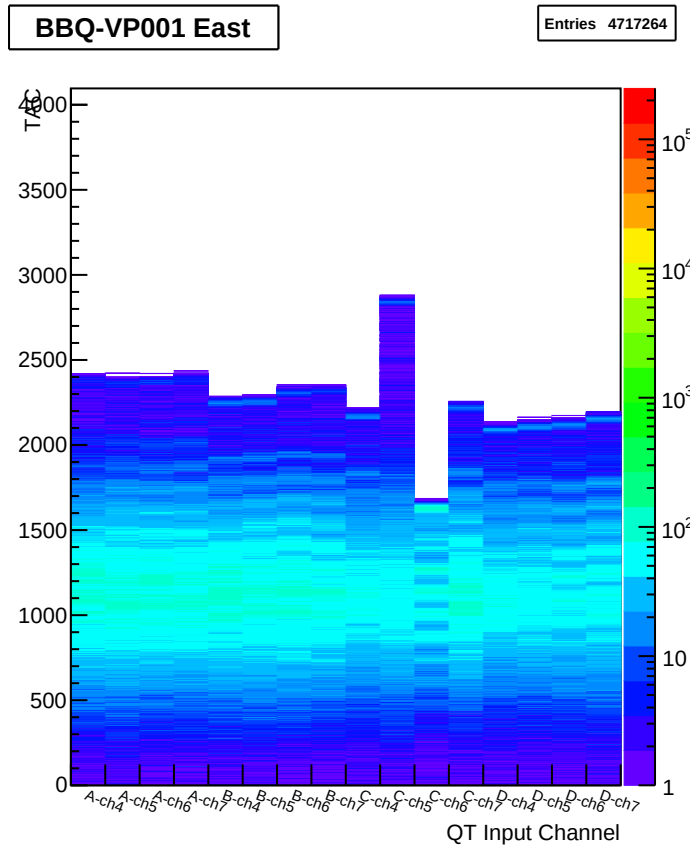

BBQ-BB002 (BBC west small tiles ADC)
Entries 4717264
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

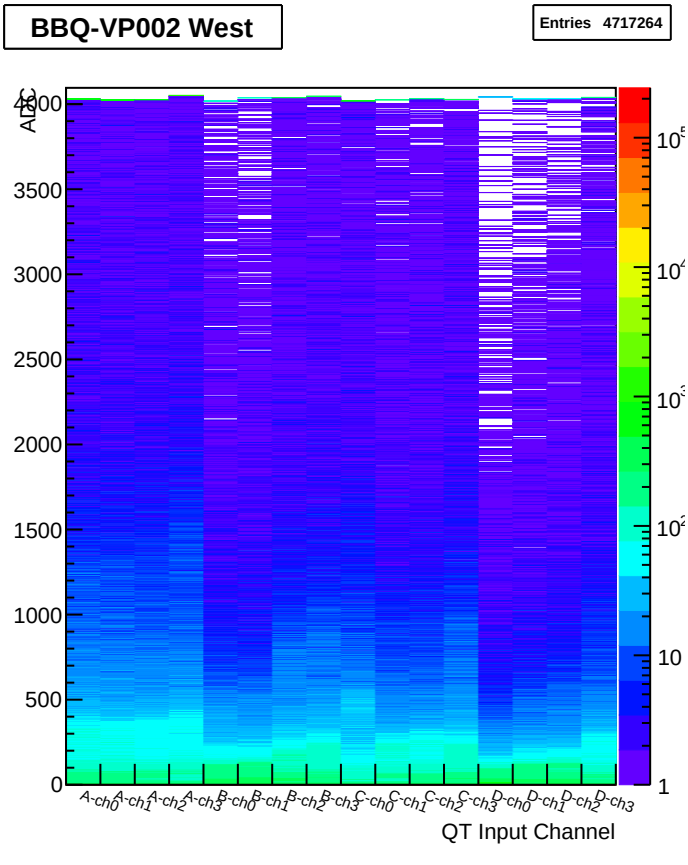

BBQ-BB002 (BBC west small tiles TAC)
Entries 4717264
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

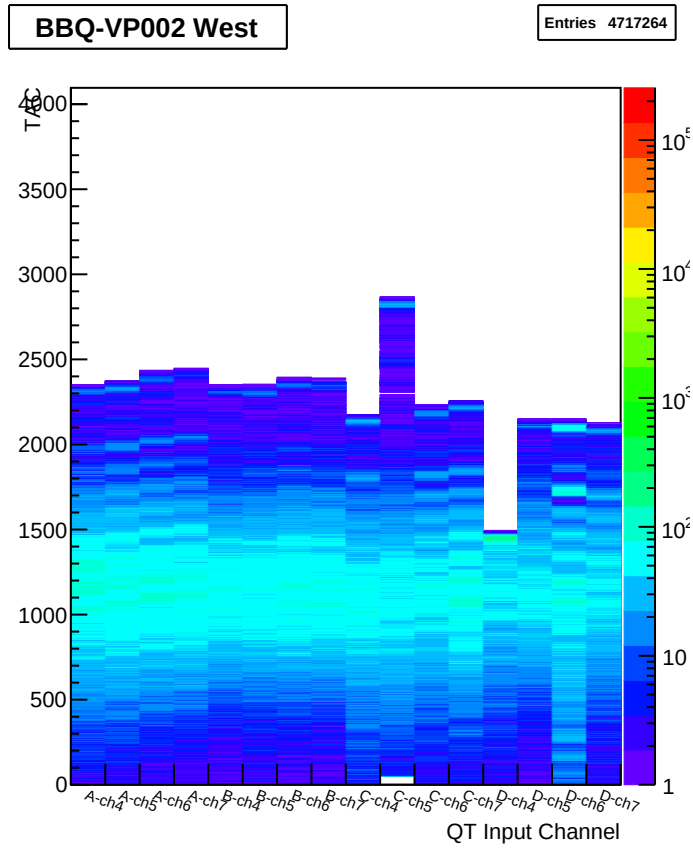

BBQ-ZD001 (ZDC TOWER)
Entries 4717264
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

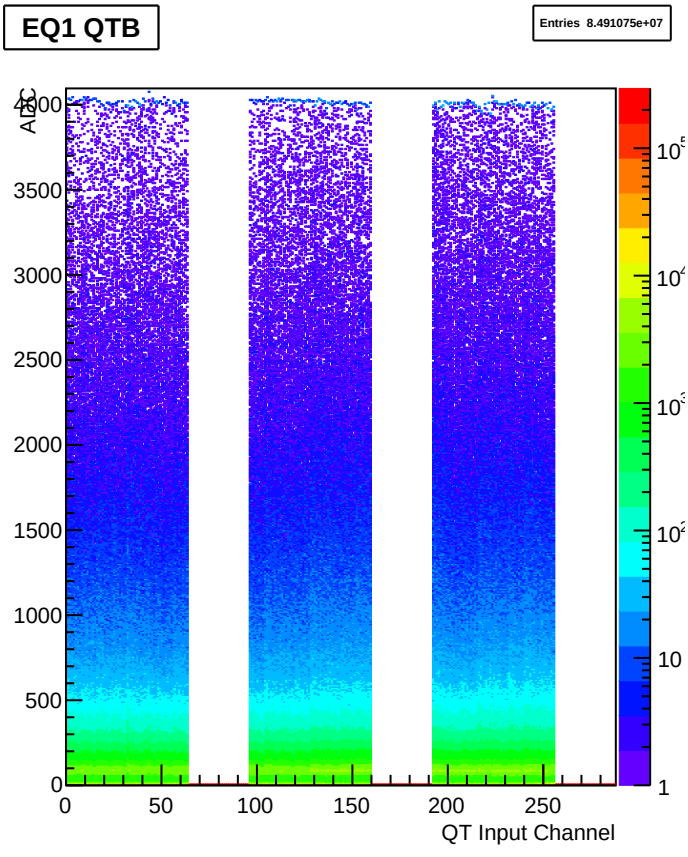

BBQ-ZD001 (ZDC TOWER)
Entries 4717264
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

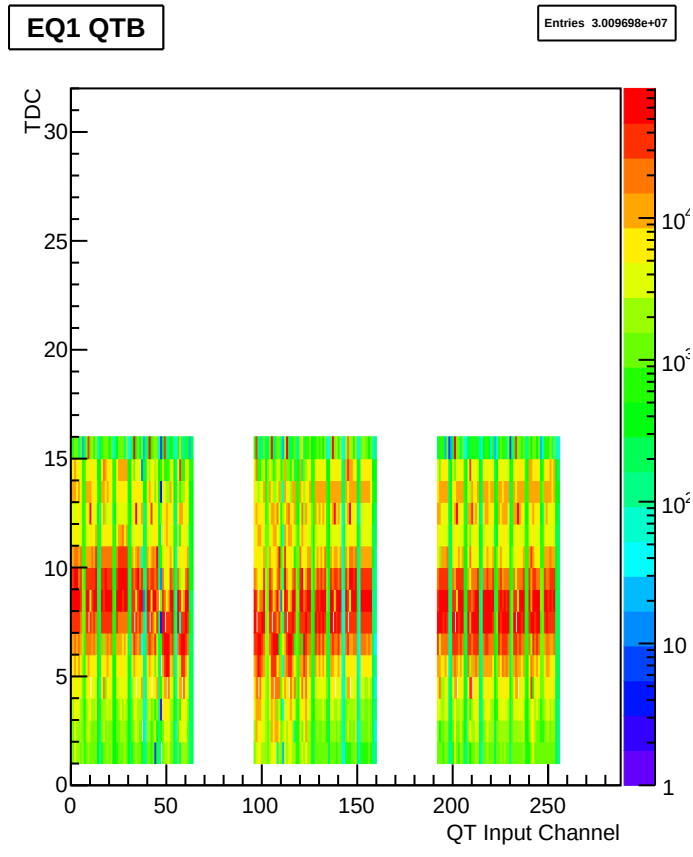

BBQ-VP001 East
Entries 4717264
ADC
QT Input Channel

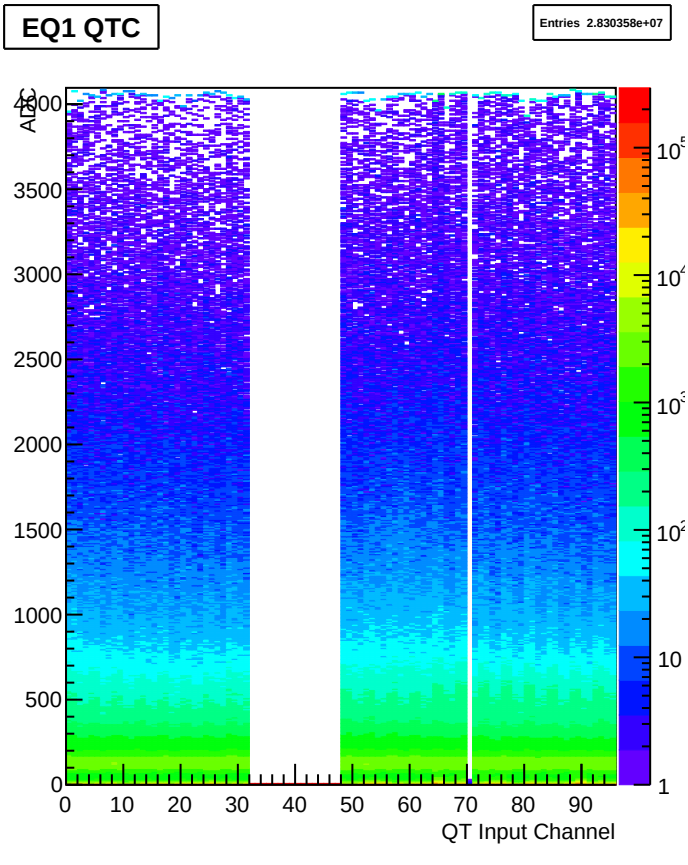

BBQ-VP001 East
Entries 4717264
TADC
QT Input Channel

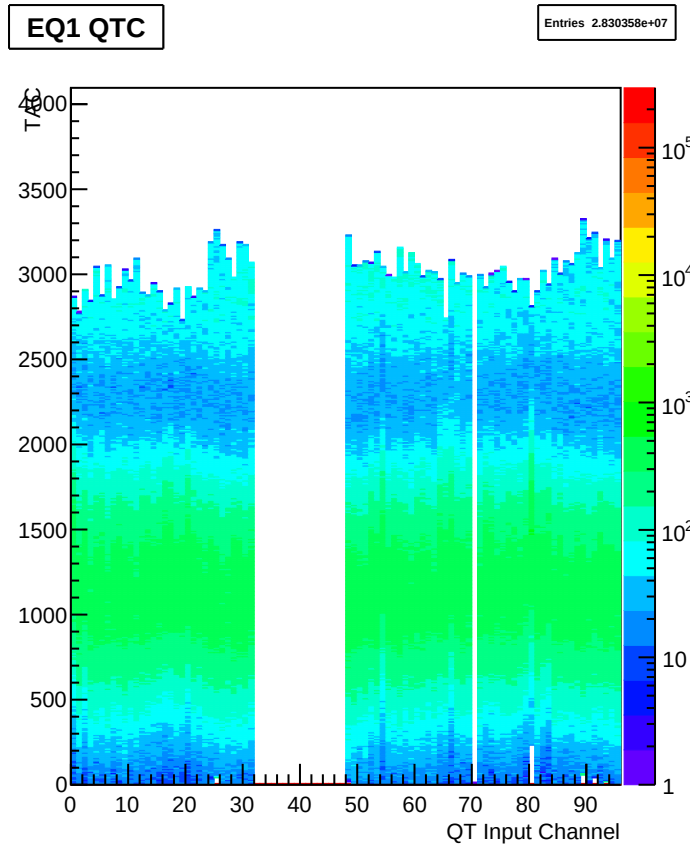

BBQ-VP002 West
Entries 4717264
ADC
QT Input Channel

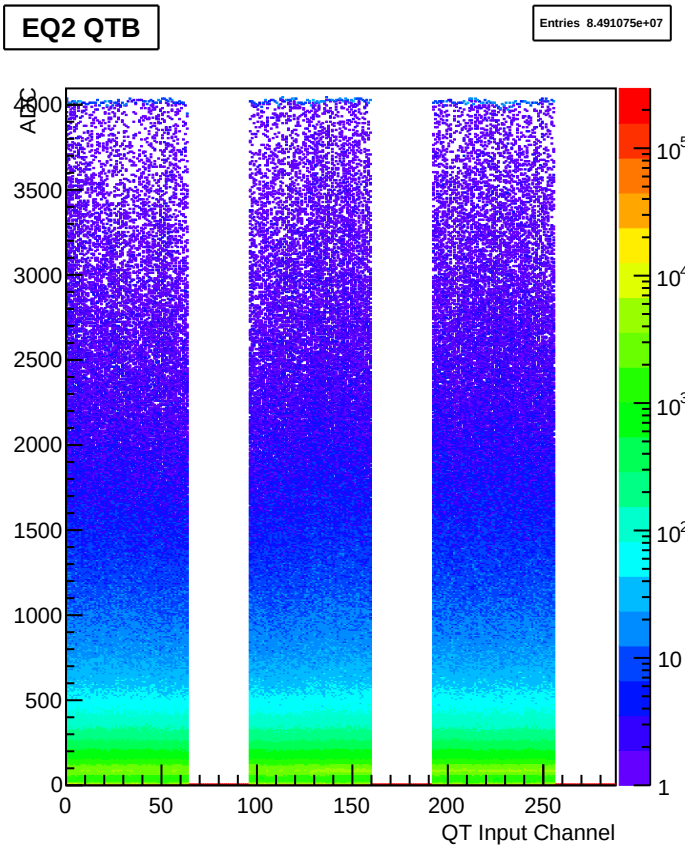

BBQ-VP002 West
Entries 4717264
TADC
QT Input Channel

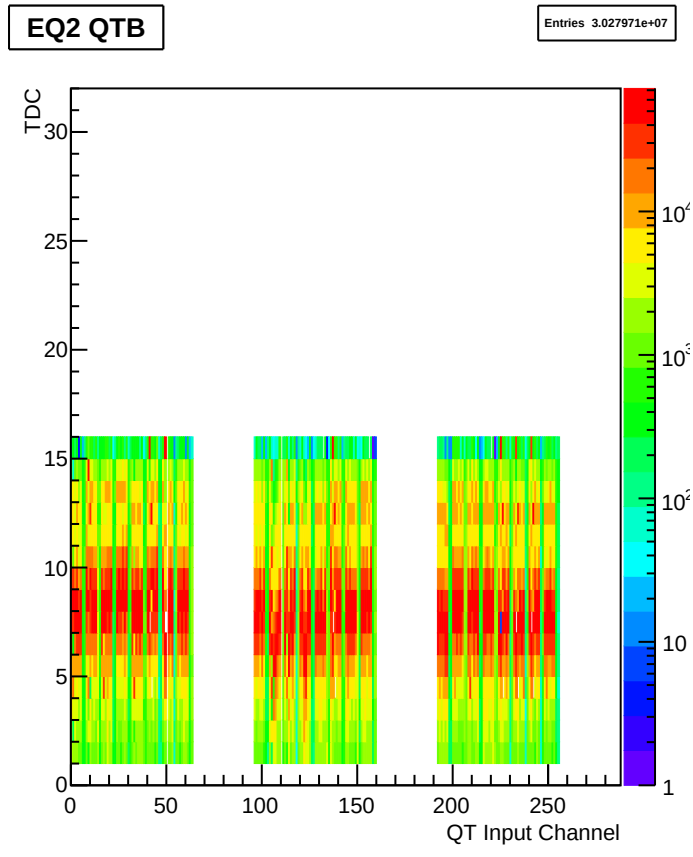

EQ1 QTB
Entries 8.491075e+07
ADC
QT Input Channel

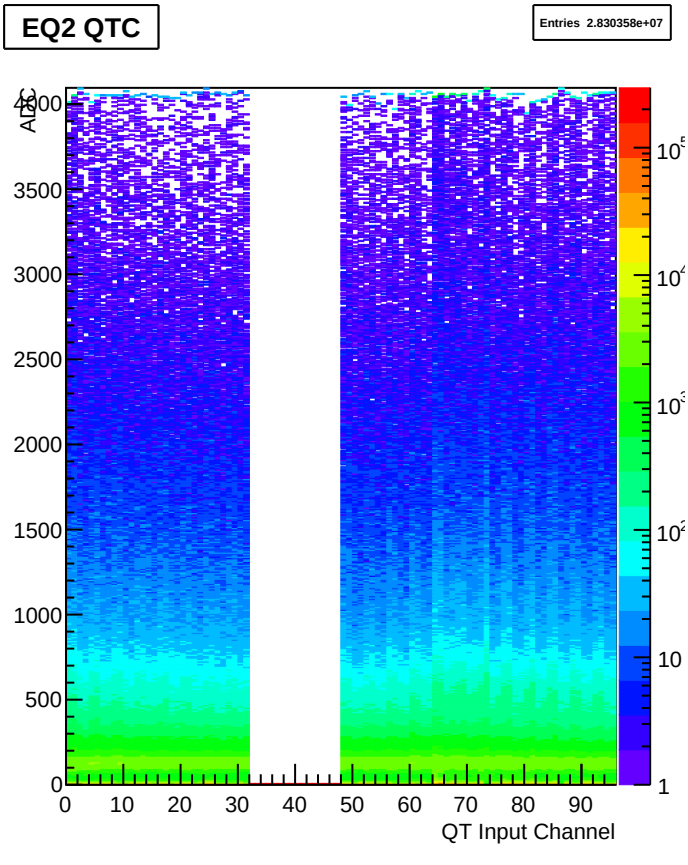

EQ1 QTB
Entries 3.009698e+07
TDC
QT Input Channel

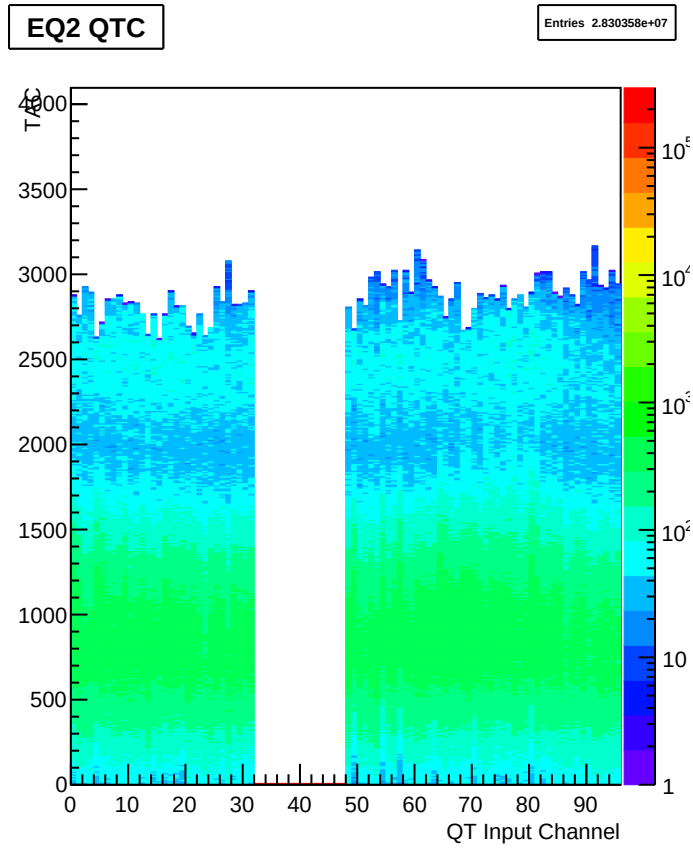

EQ1 QTC
Entries 2.830358e+07
ADC
QT Input Channel

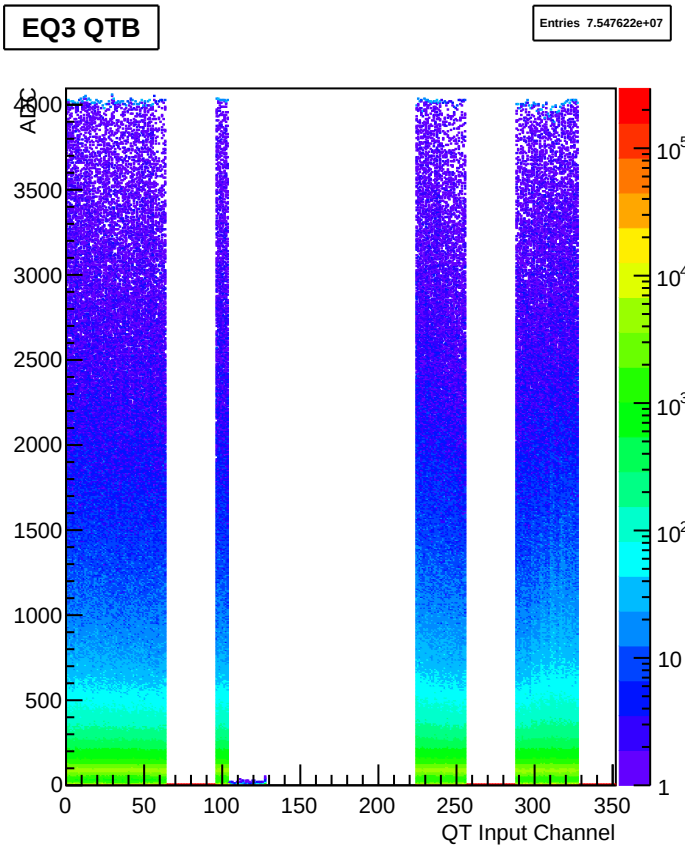

EQ1 QTC
Entries 2.830358e+07
TADC
QT Input Channel

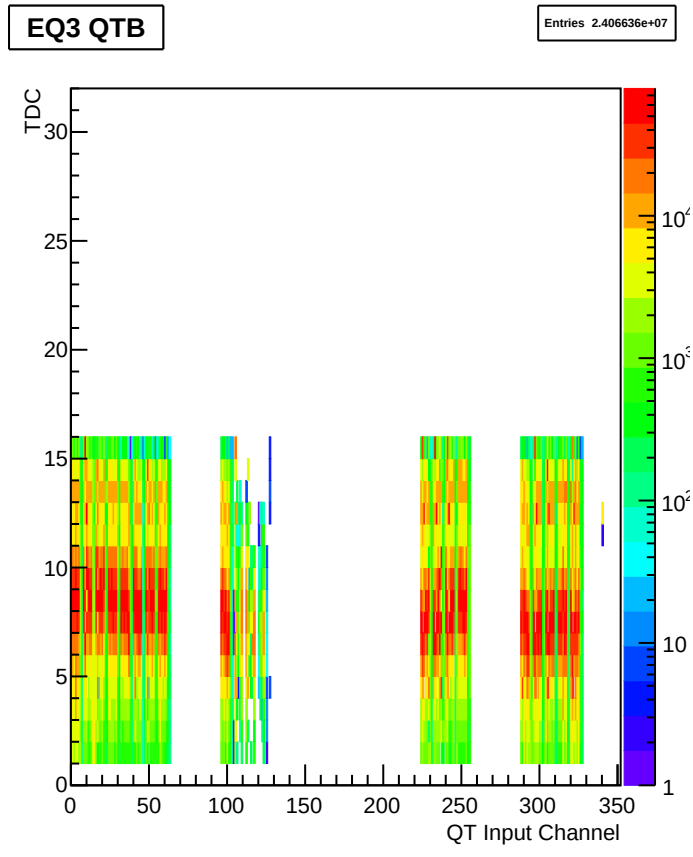

EQ2 QTB
Entries 8.491075e+07
ADC
QT Input Channel

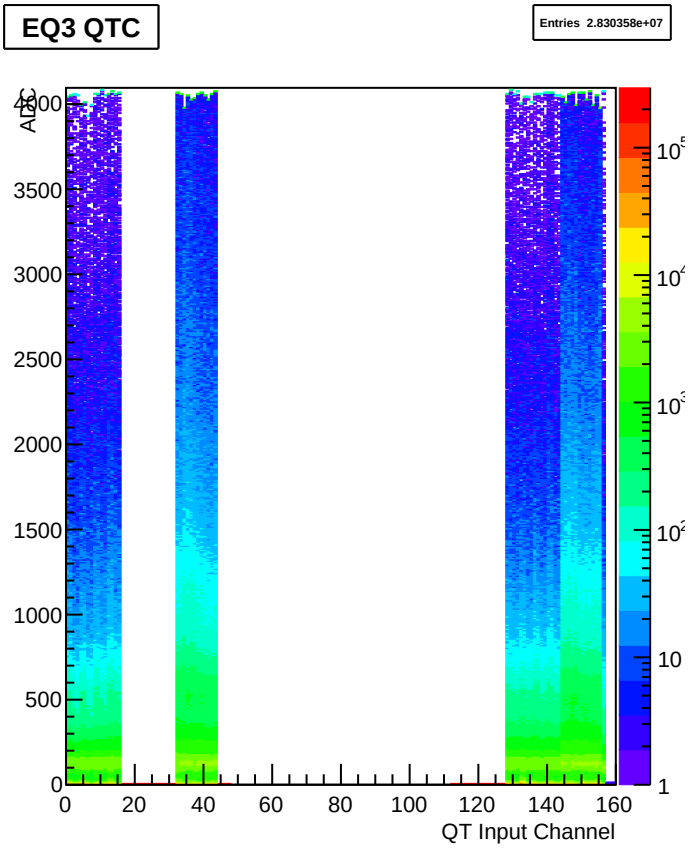

EQ2 QTB
Entries 3.027971e+07
TDC
QT Input Channel

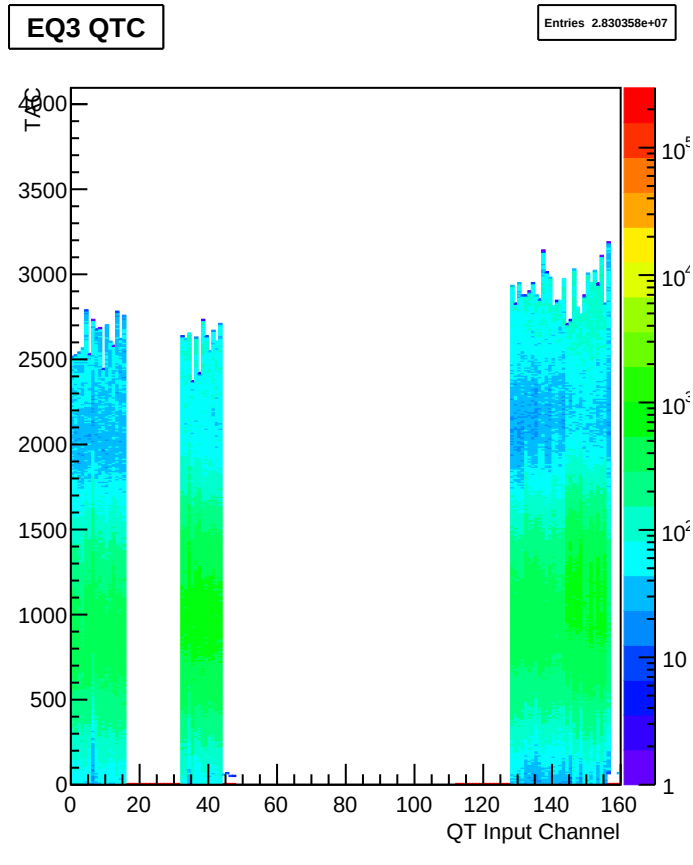

EQ2 QTC
Entries 2.830358e+07
ADC
QT Input Channel

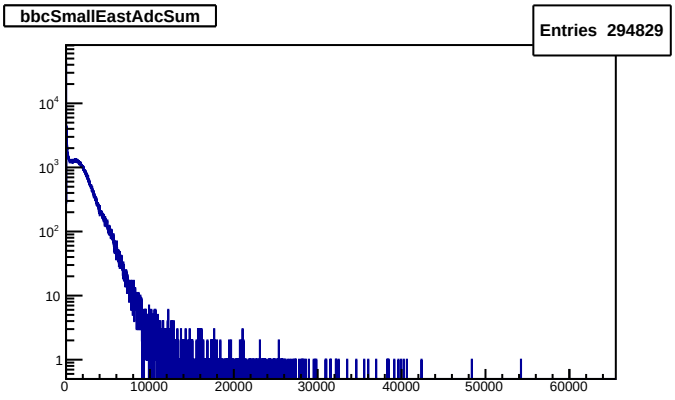

EQ2 QTC
Entries 2.830358e+07
TADC
QT Input Channel

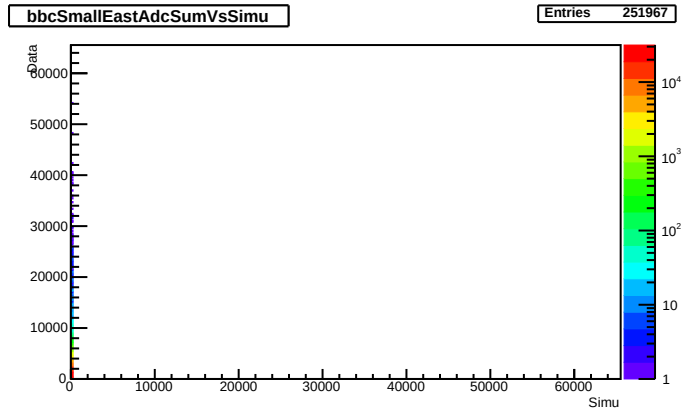

EQ3 QTB
Entries 7.547622e+07
ADC
QT Input Channel

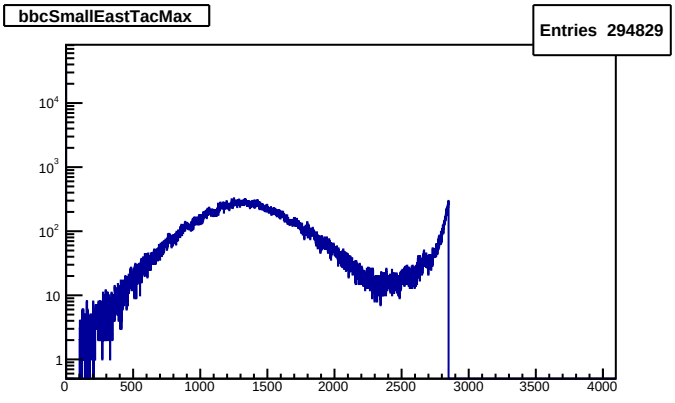

EQ3 QTB
Entries 2.406636e+07
TDC
QT Input Channel

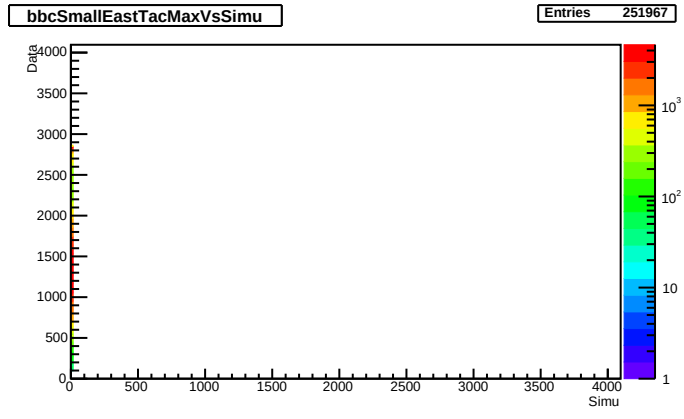

EQ3 QTC
Entries 2.830358e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.830358e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 294829


bbcSmallEastAdcSumVsSimu
Entries 251967
Data
Simu


bbcSmallEastTacMax
Entries 294829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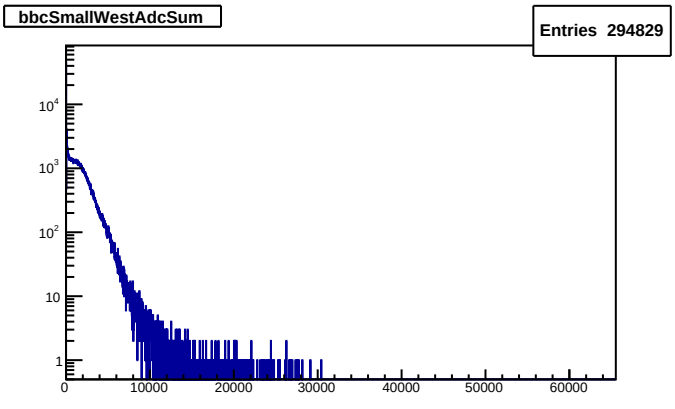
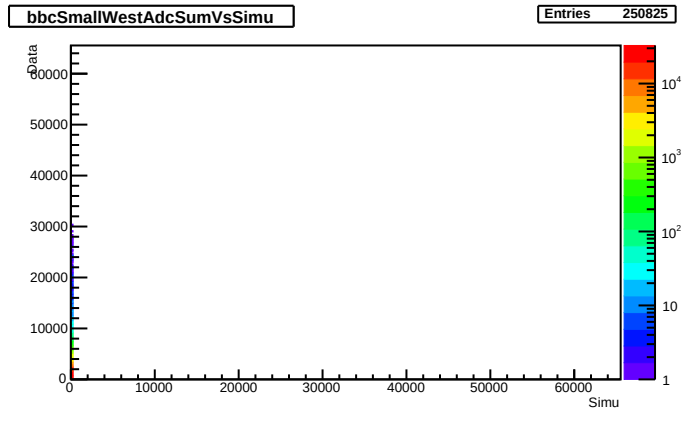
Entries 251967
Data
Simu


bbcSmallWestAdcSum
Entries 294829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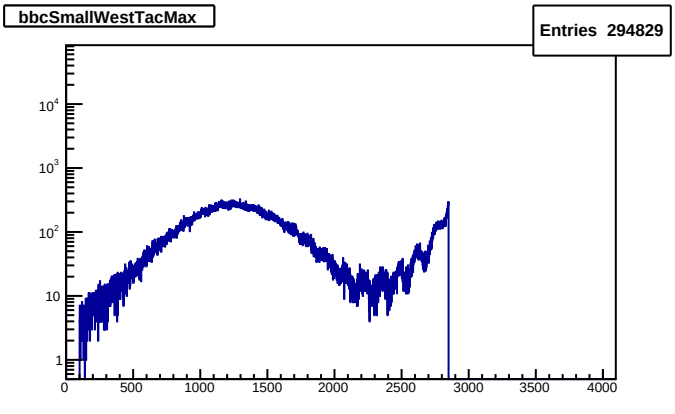
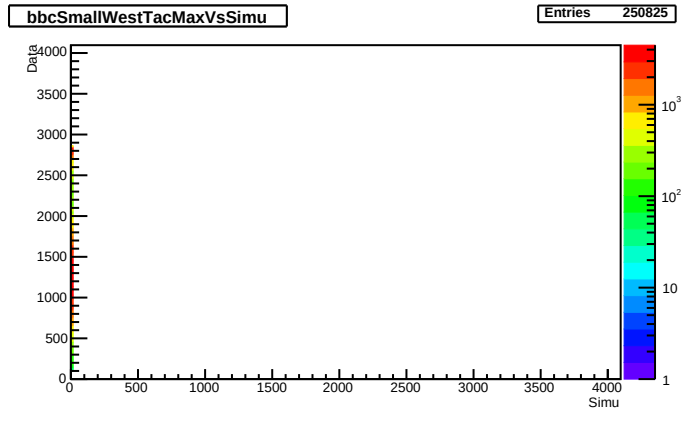
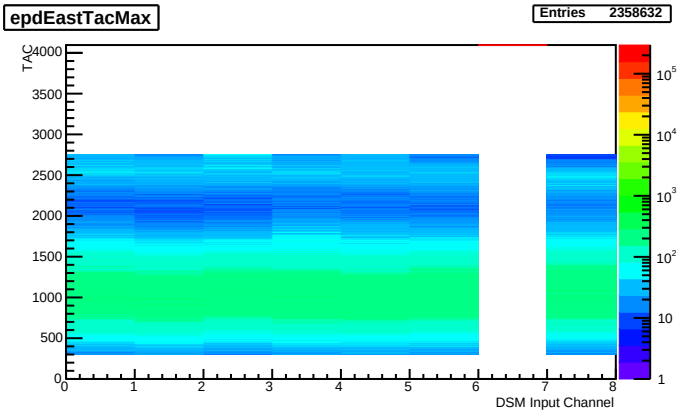
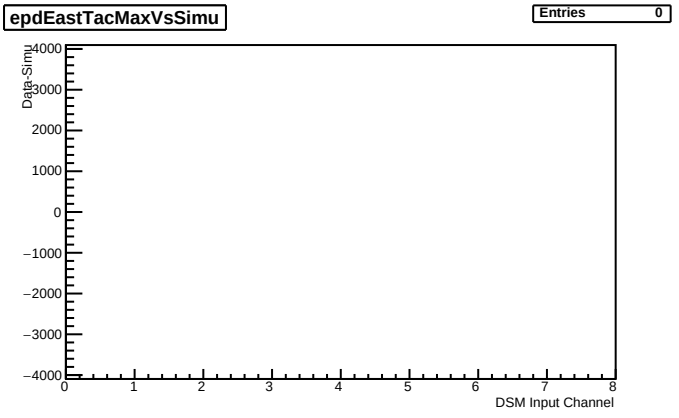
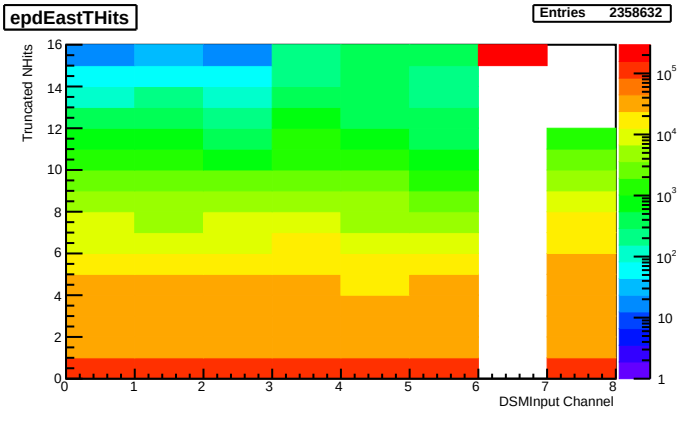
Entries 250825
Data
Simu

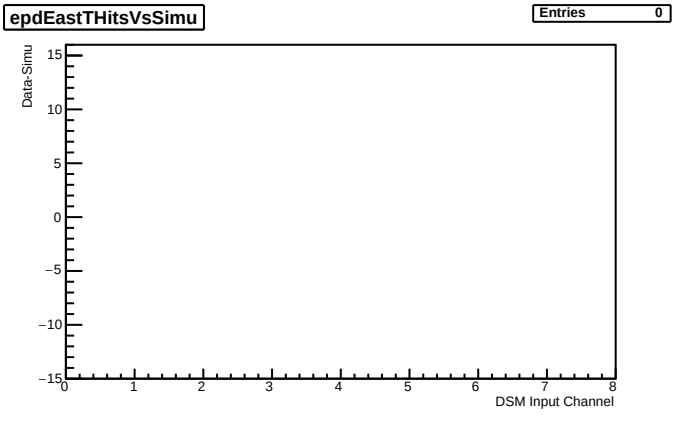

bbcSmallWestTacMax
Entries 294829


bbcSmallWestTacMaxVsSimu
Entries 250825
Data
Simu


epdEastTacMax
Entries 2358632
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2358632
Truncated NHits
DSMInput Channel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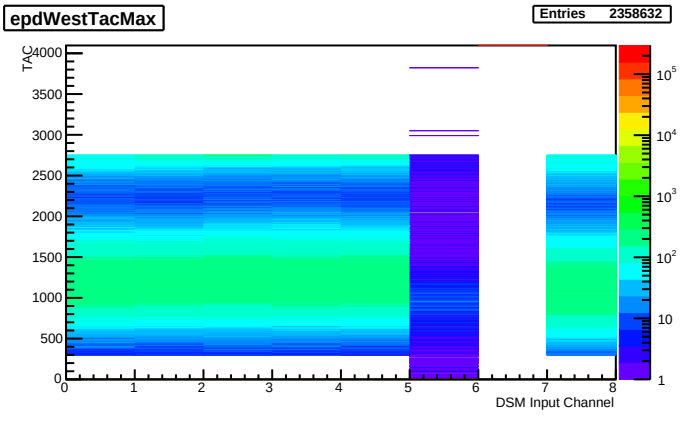
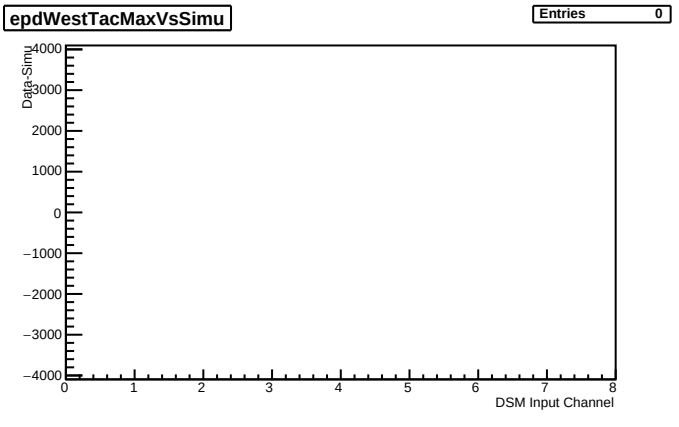
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2358632
TAC
DSM Input Channel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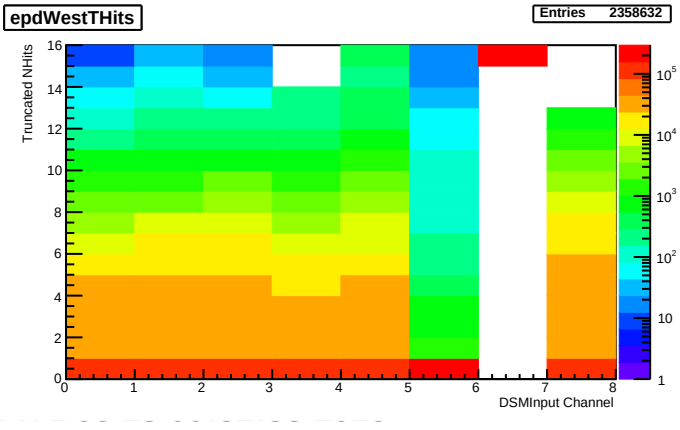
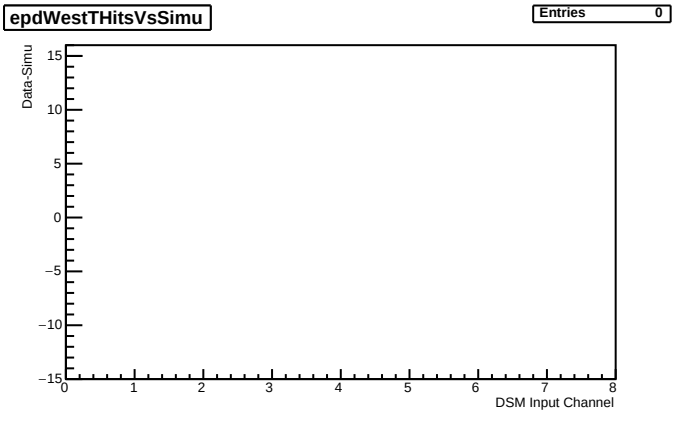
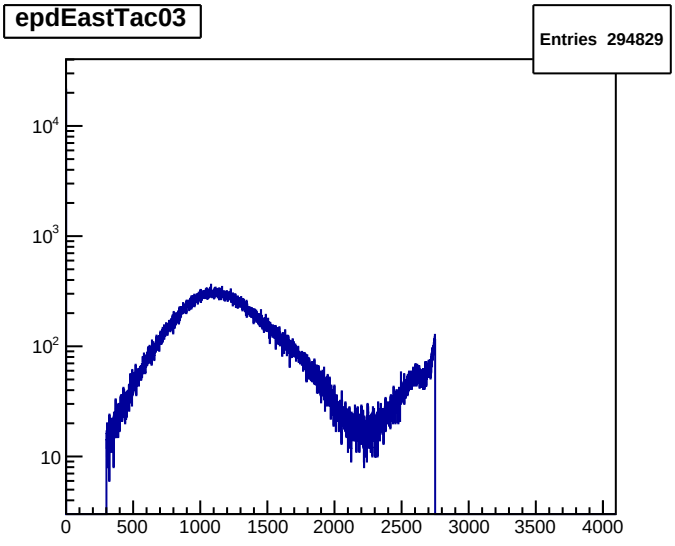
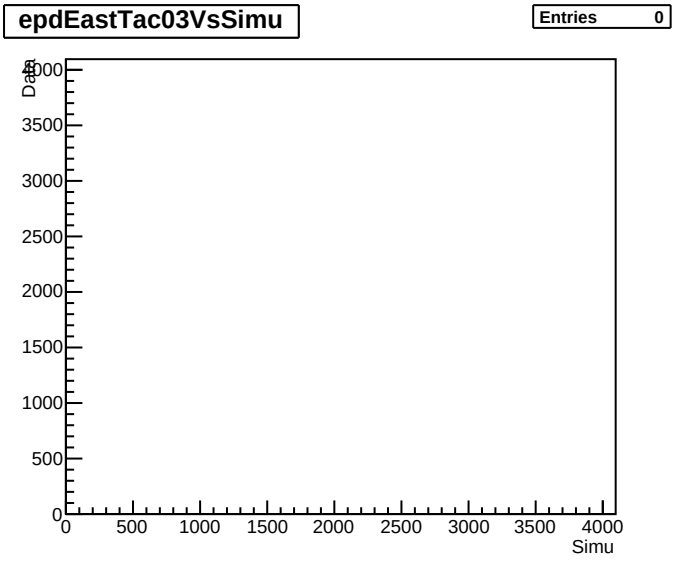
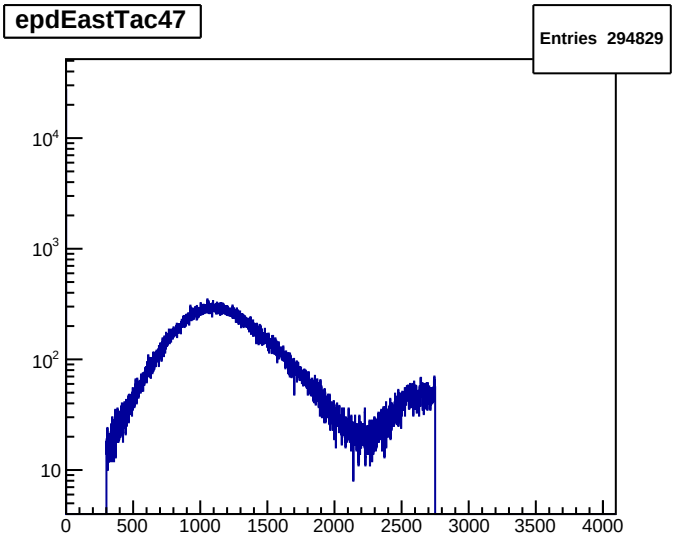
Entries 0
Data-Simu
DSM Input Channel

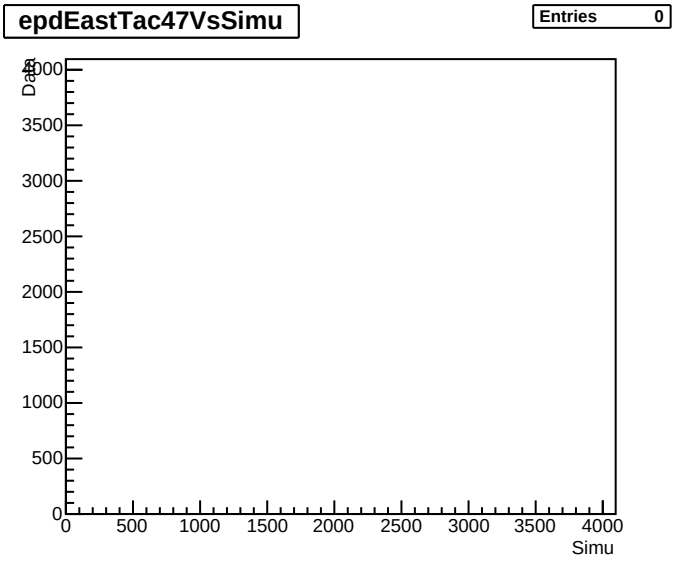

epdWestTHits
Entries 2358632
Truncated NHits
DSMInput Channel

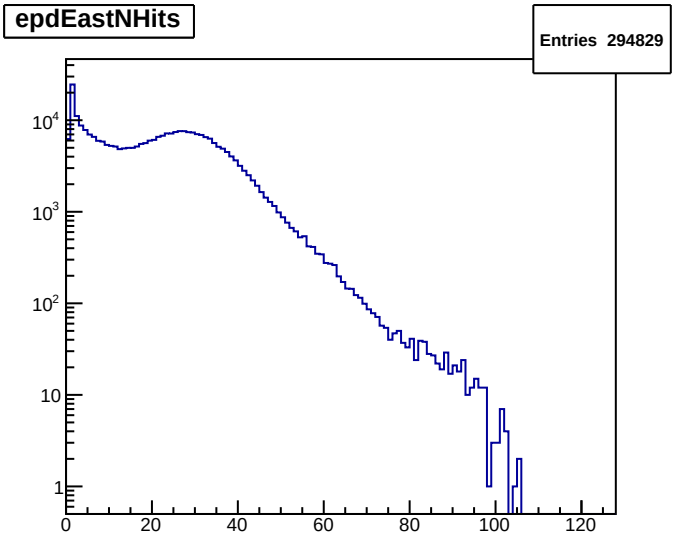

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

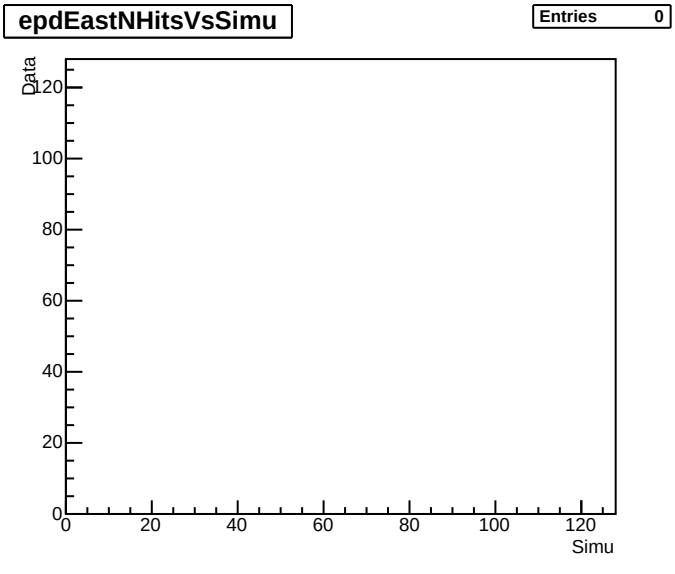

epdEastTac03
Entries 294829


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 294829


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 294829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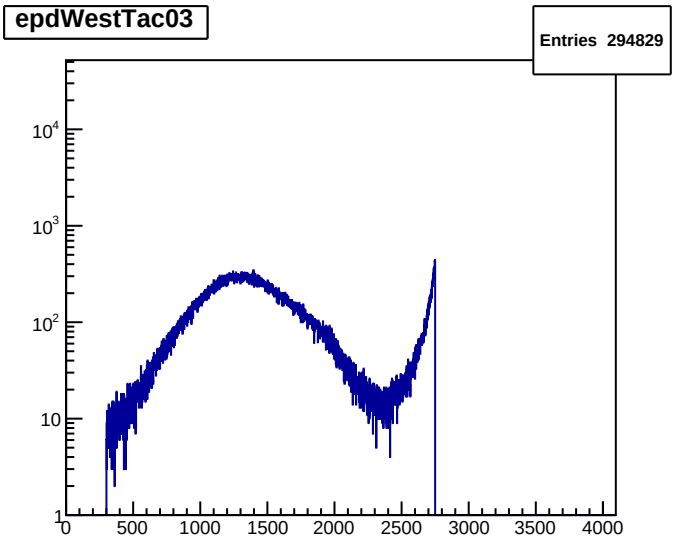
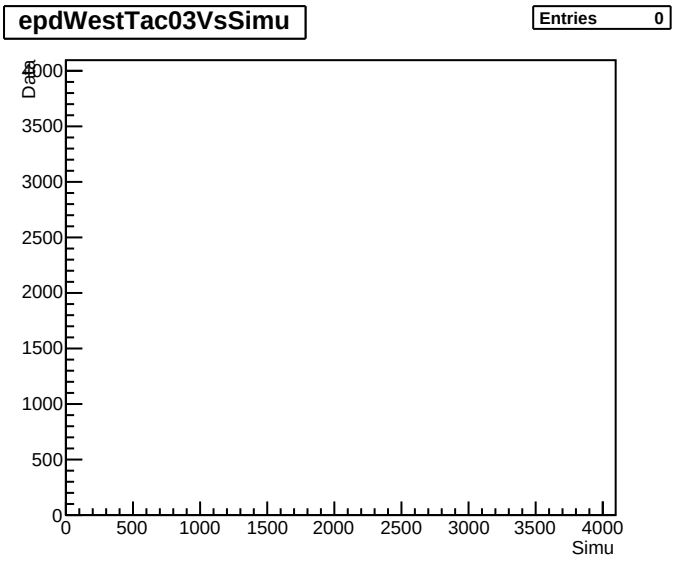
Entries 0
Data
Simu


epdWestTac03
Entries 294829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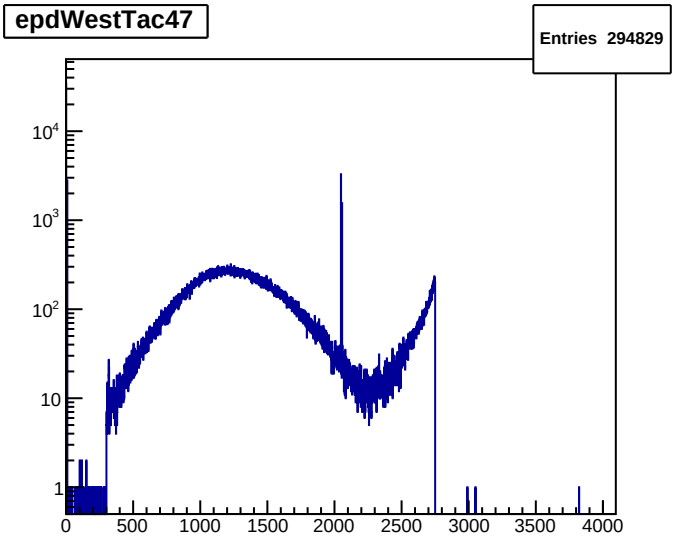
Entries 0
Data
Simu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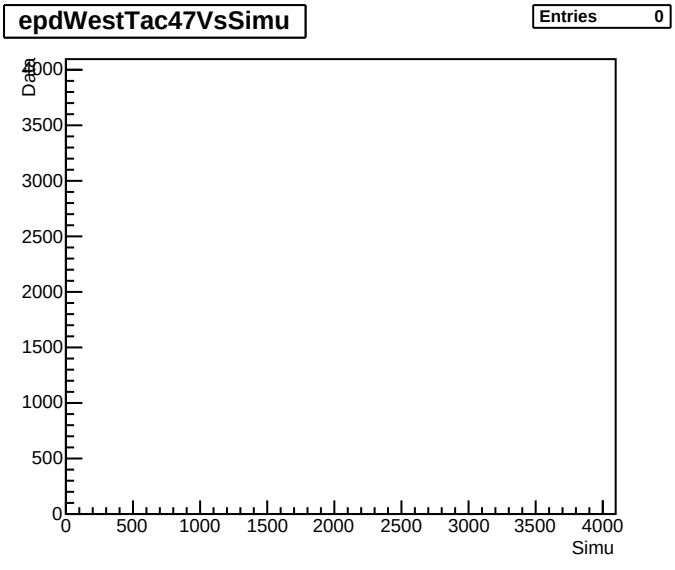
Entries 294829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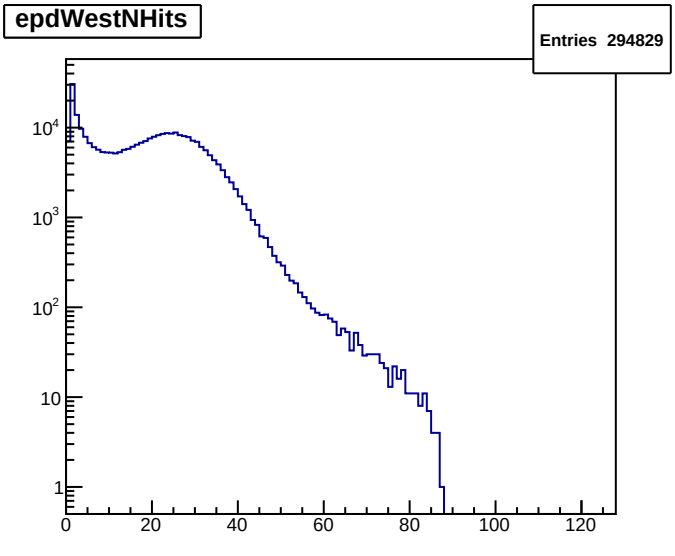
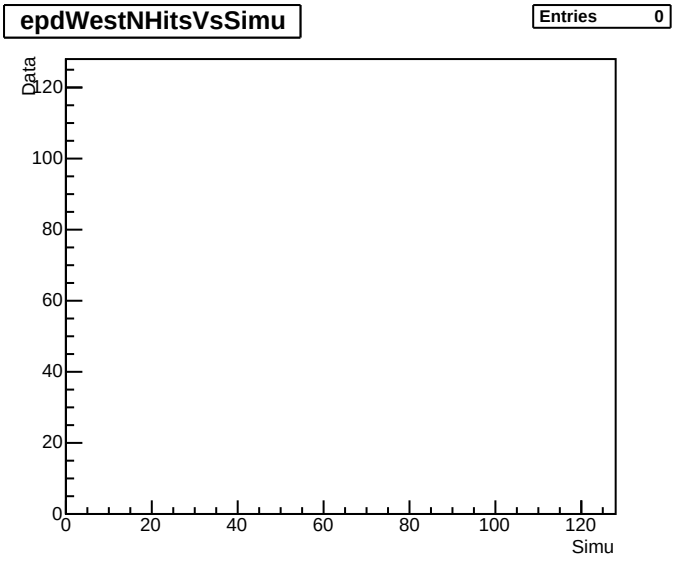
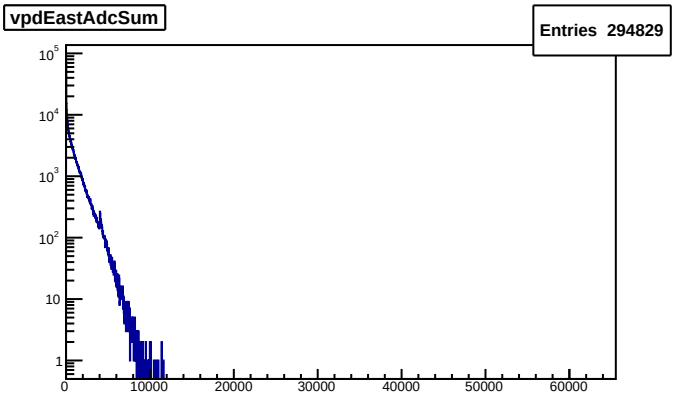
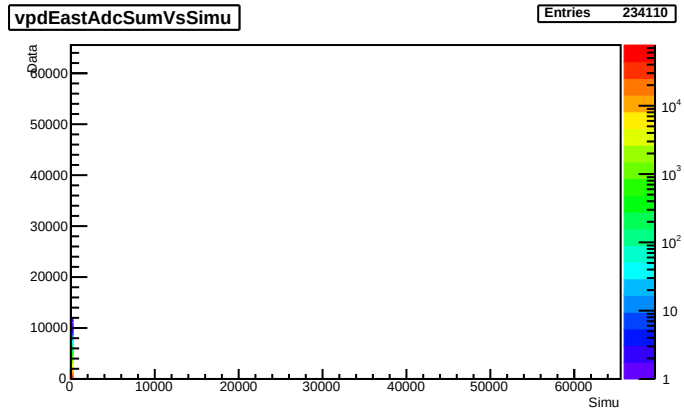
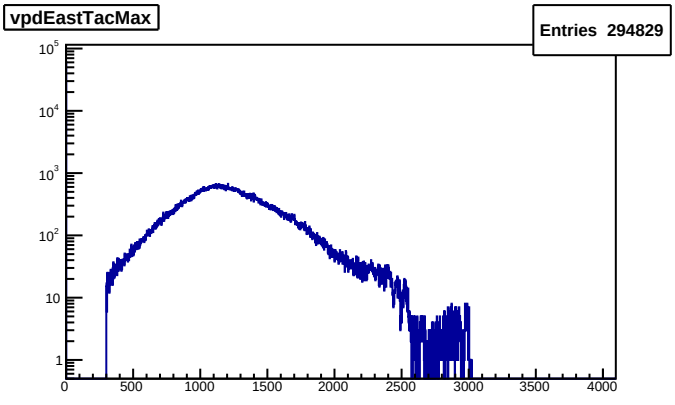
Entries 0
Data
Simu

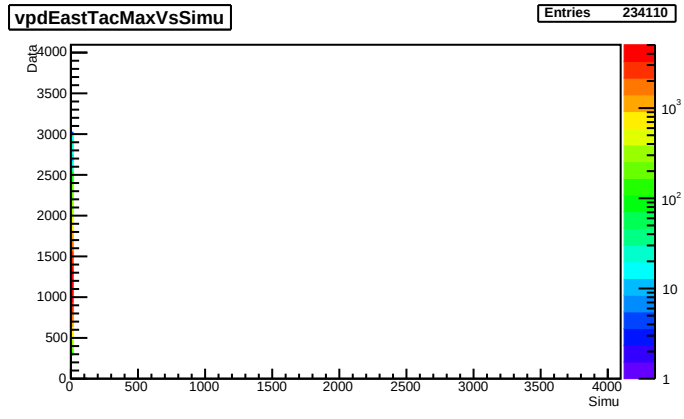

epdWestNHits
Entries 294829

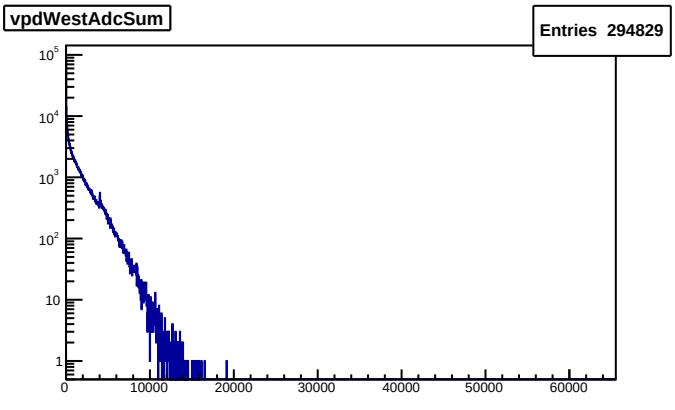

epdWestNHitsVsSimu
Entries 0
Data
Simu

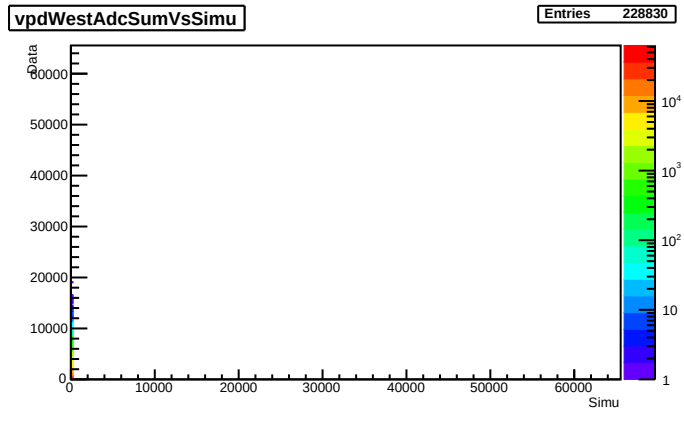

vpdEastAdcSum
Entries 294829

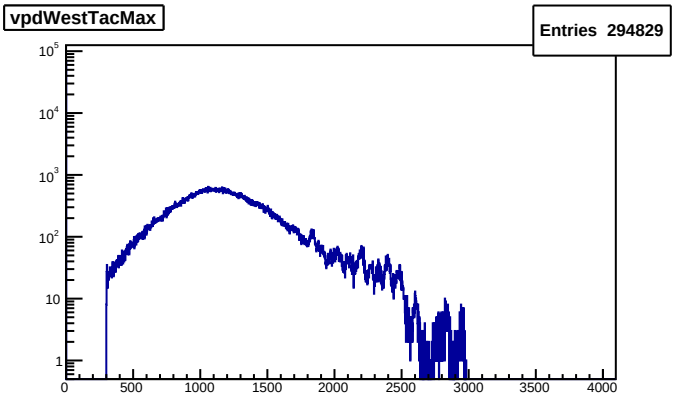

vpdEastAdcSumVsSimu
Entries 234110
Data
Simu

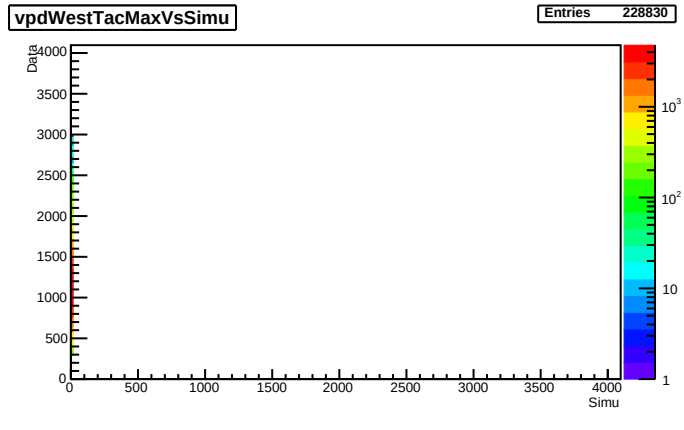

vpdEastTacMax
Entries 294829

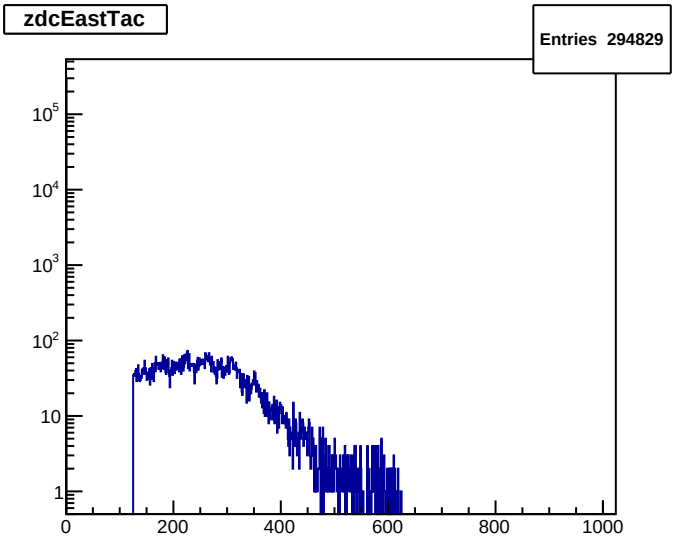

vpdEastTacMaxVsSimu
Entries 234110
Data
Simu

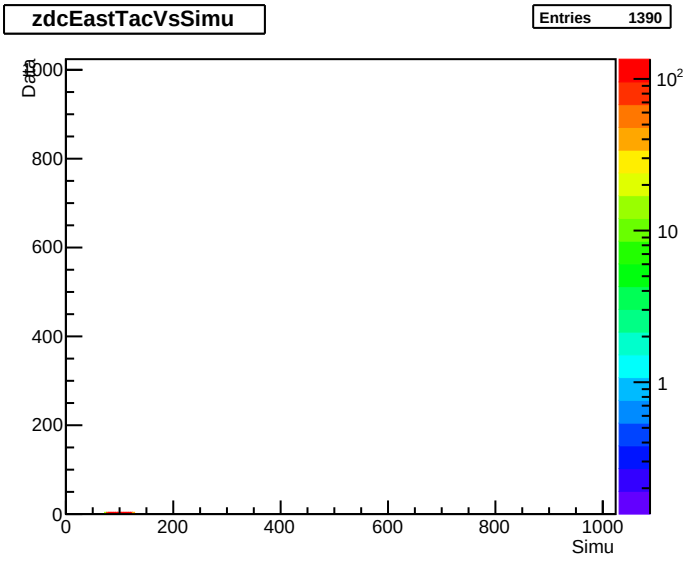

vpdWestAdcSum
Entries 294829

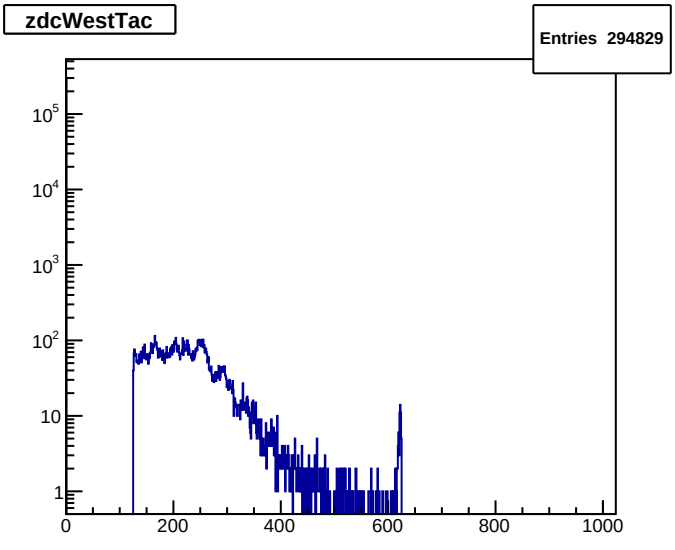

vpdWestAdcSumVsSimu
Entries 228830
Data
Simu

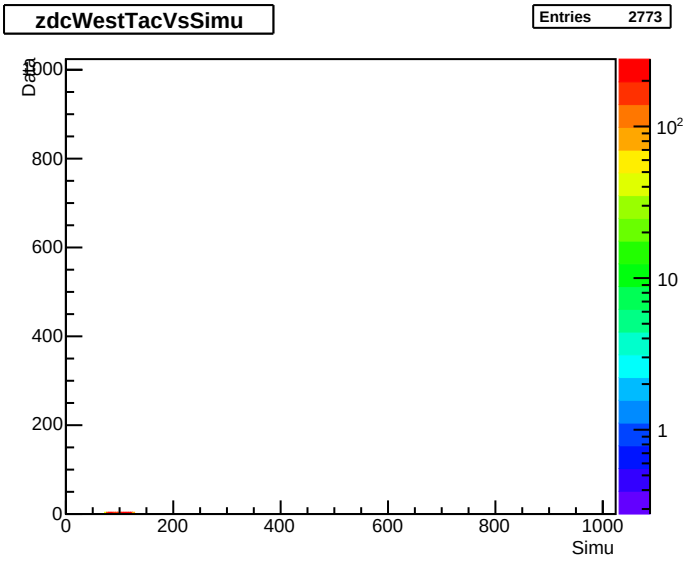

vpdWestTacMax
Entries 294829

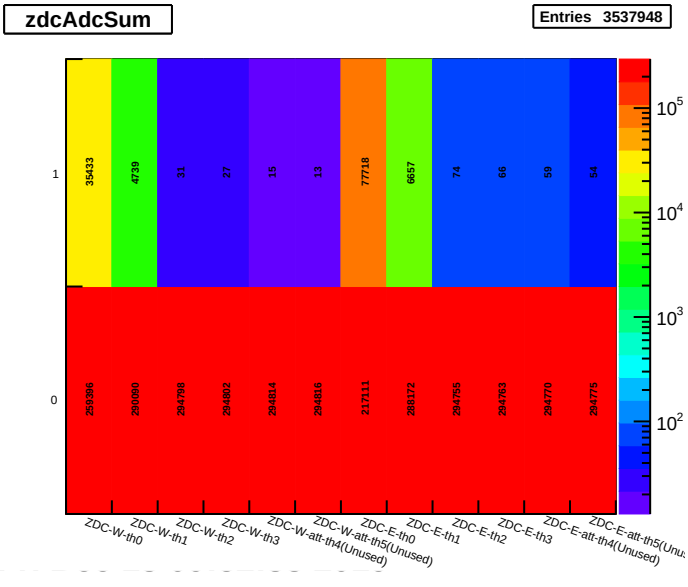

vpdWestTacMaxVsSimu
Entries 228830
Data
Simu

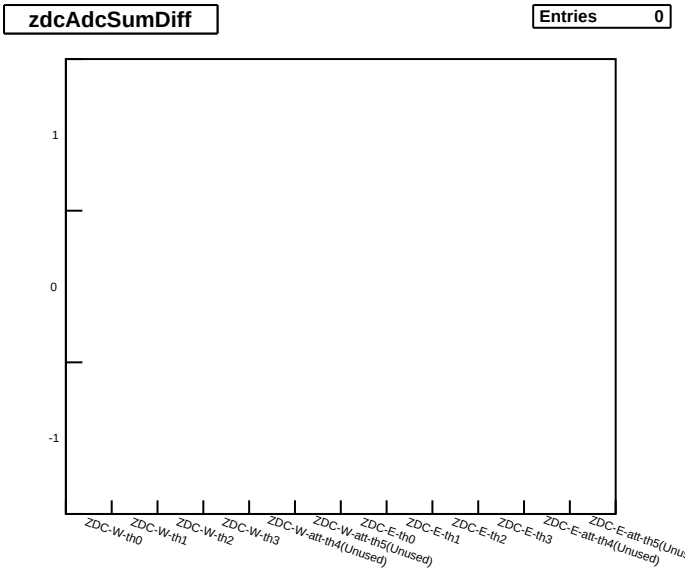

zdcEastTac
Entries 294829

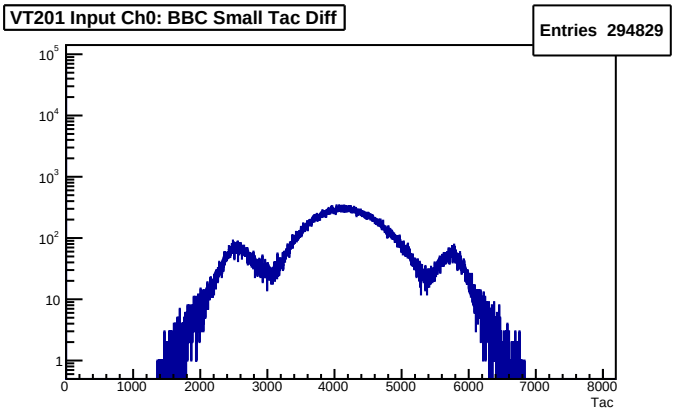

zdcEastTacVsSimu
Entries 1390
Data
Simu

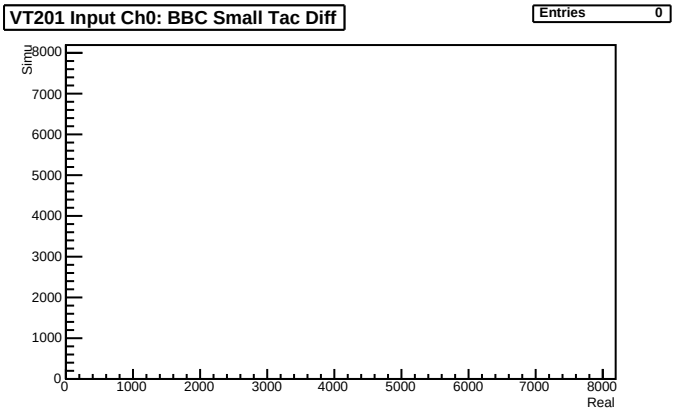

zdcWestTac
Entries 294829

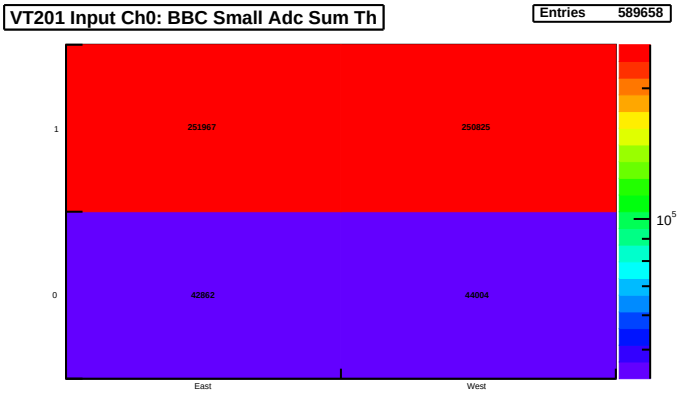

zdcWestTacVsSimu
Entries 2773
Data
Simu

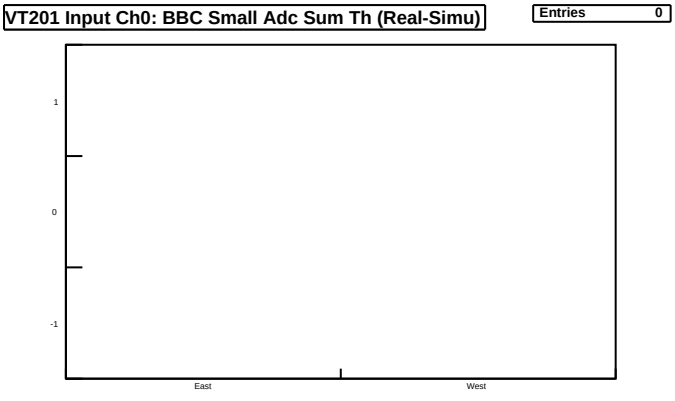

zdcAdcSum
Entries 3537948
35433
4739
31
27
15
13
77718
6657
74
66
59
54
259396
290090
294798
294802
294814
294816
217111
288172
294755
294763
294770
294775
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

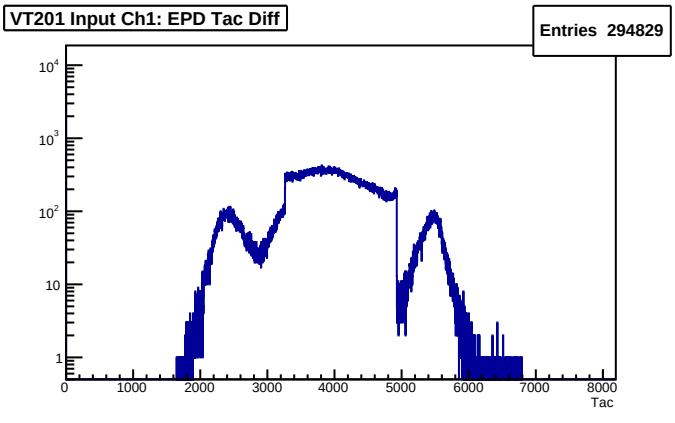

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

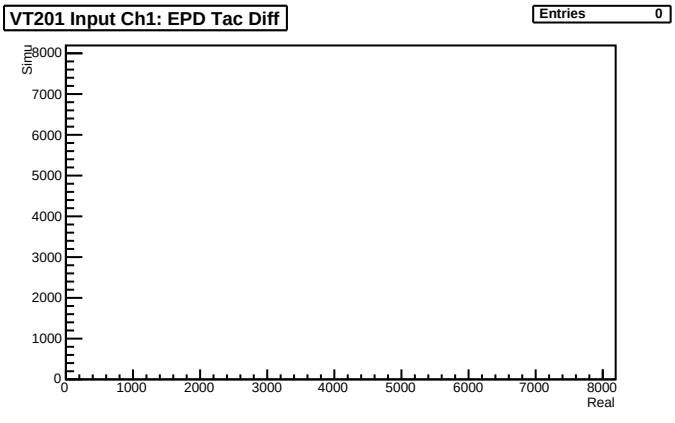

VT201 Input Ch0: BBC Small Tac Diff
Entries 294829
Tac

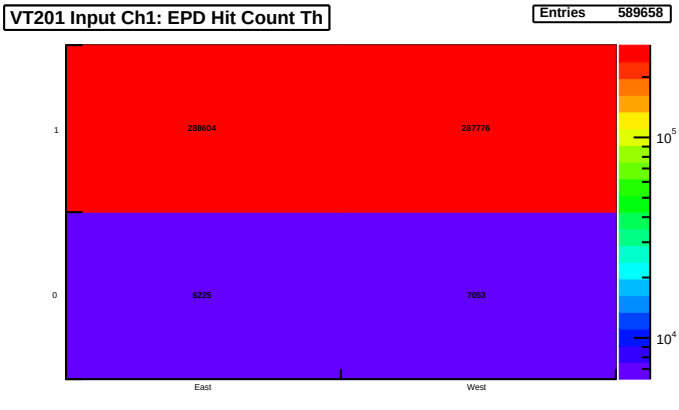

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

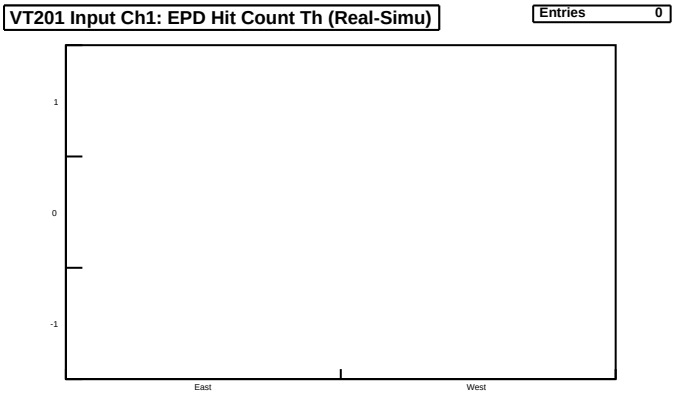

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 589658
251967
250825
42862
44004
East
West

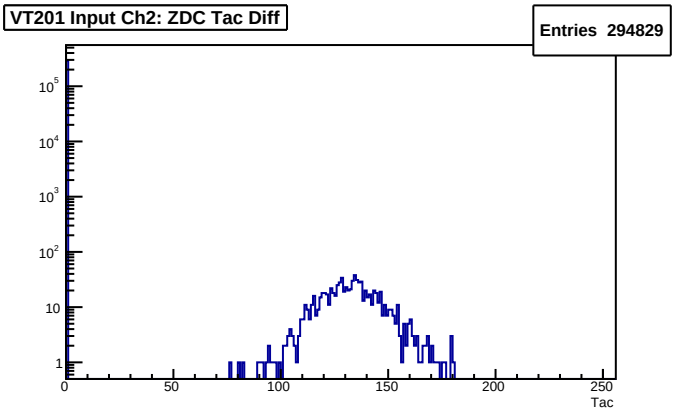

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

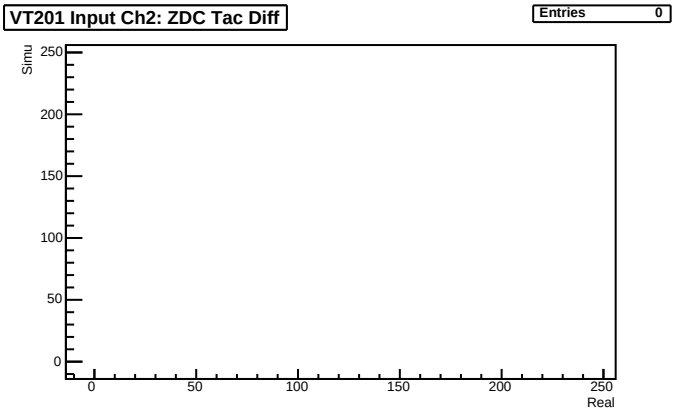

VT201 Input Ch1: EPD Tac Diff
Entries 294829
Tac

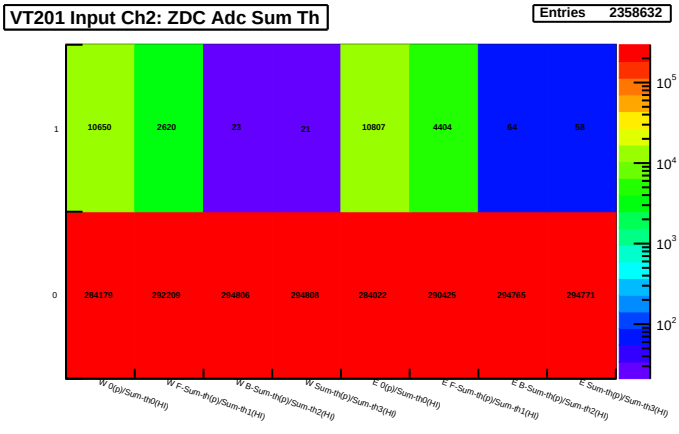

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

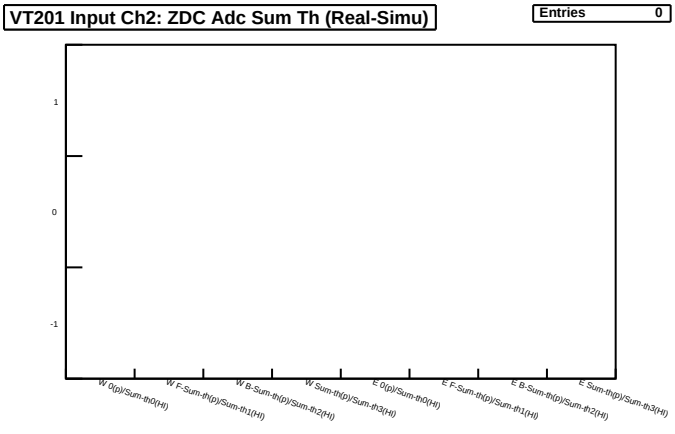

VT201 Input Ch1: EPD Hit Count Th
Entries 589658
288604
287776
6225
7053
East
West

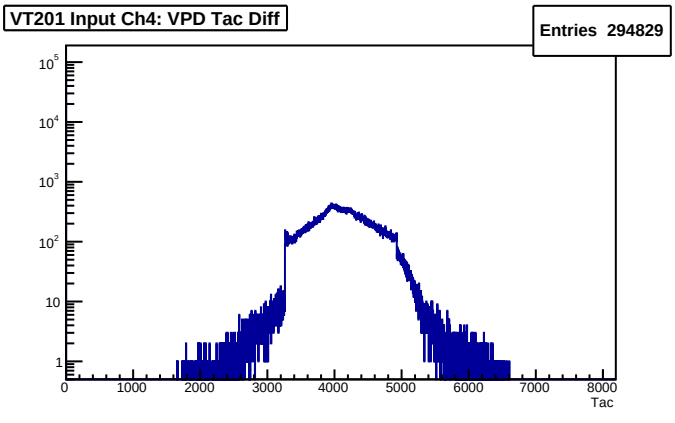

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

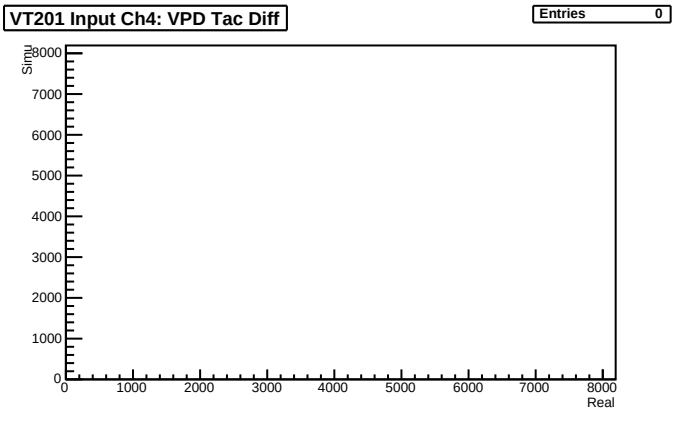

VT201 Input Ch2: ZDC Tac Diff
Entries 294829
Tac

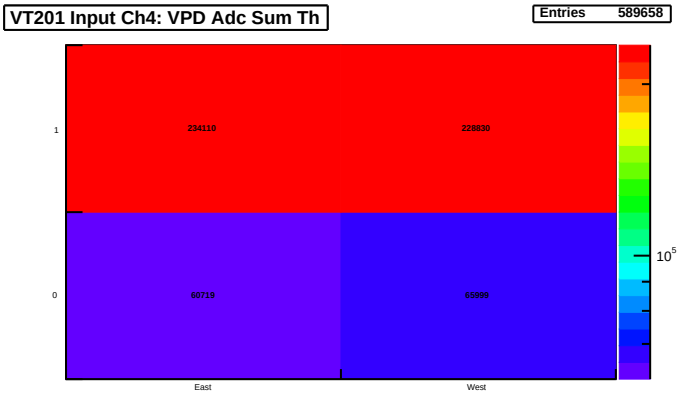

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

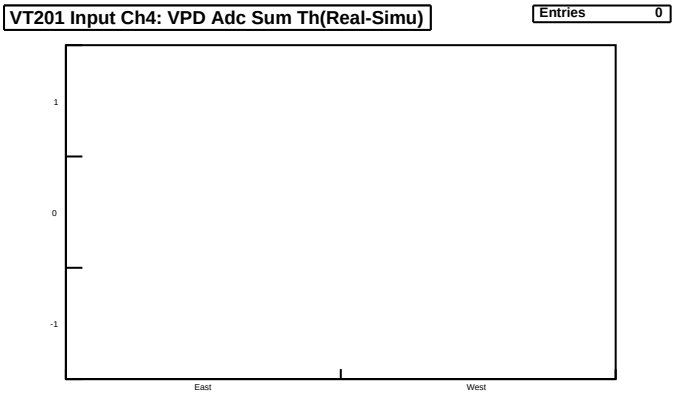

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2358632
10650
2620
23
21
10807
4404
64
58
284179
292209
294806
294808
284022
290425
294765
294771
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

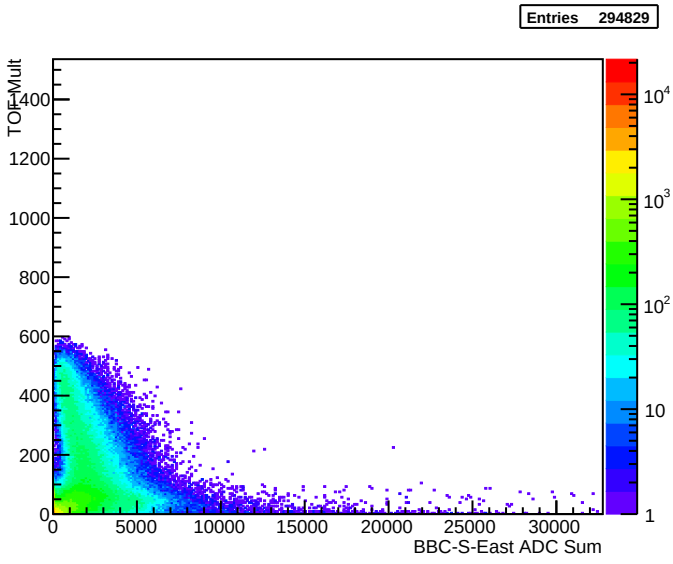

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

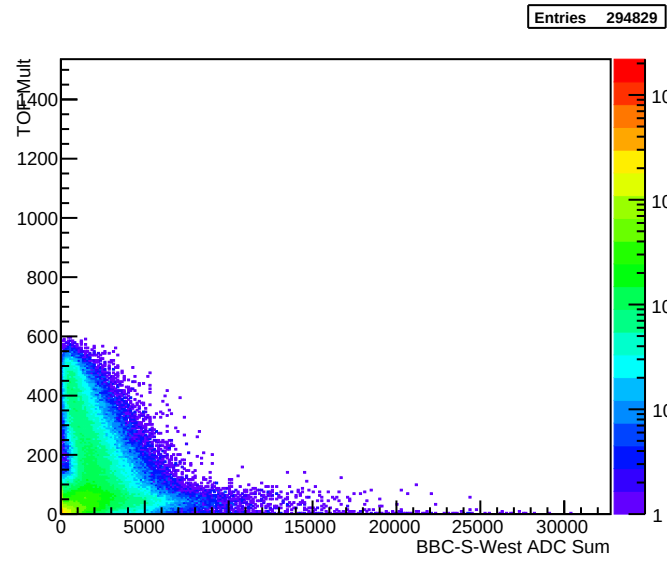

VT201 Input Ch4: VPD Tac Diff
Entries 294829
Tac

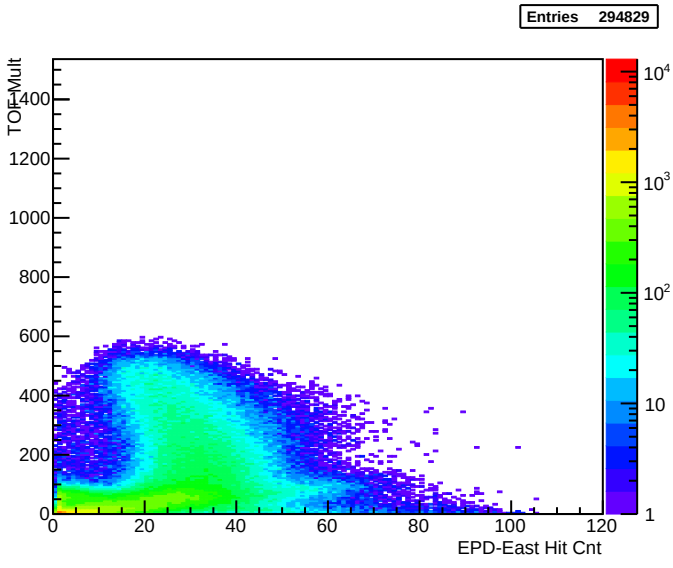

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

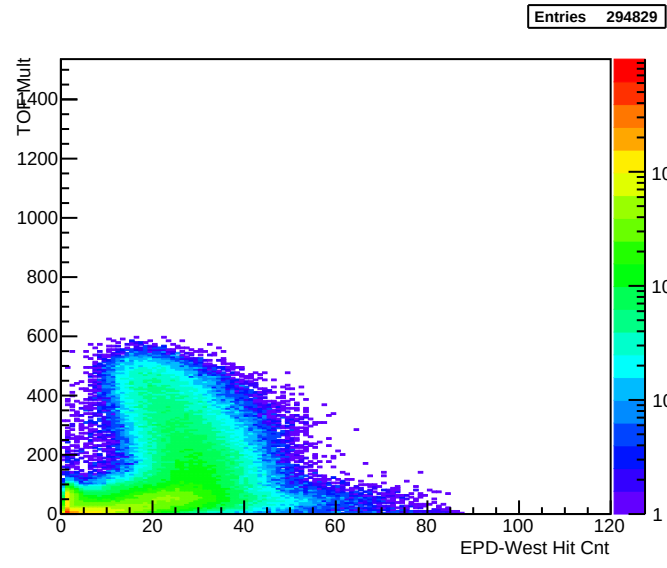

VT201 Input Ch4: VPD Adc Sum Th
Entries 589658
234110
228830
60719
65999
East
West

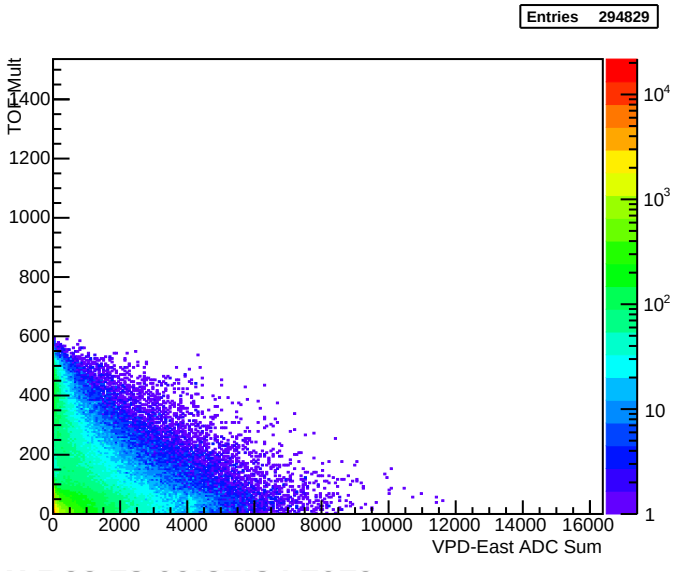

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

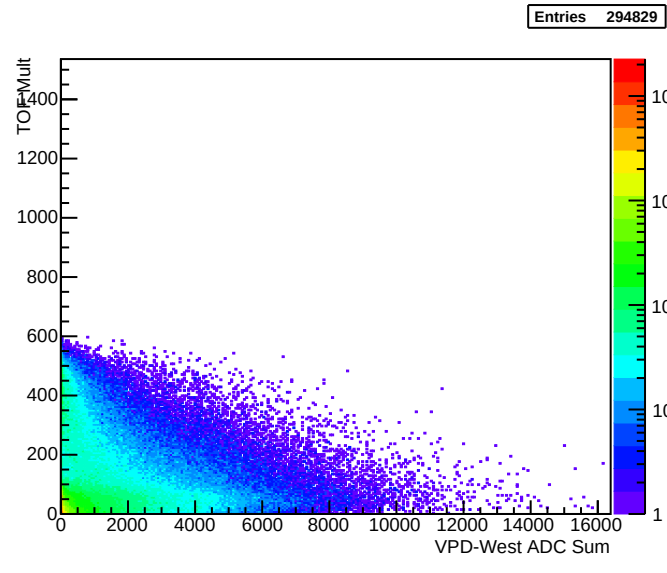

Entries 294829
TOF-Mult
BBC-S-East ADC Sum

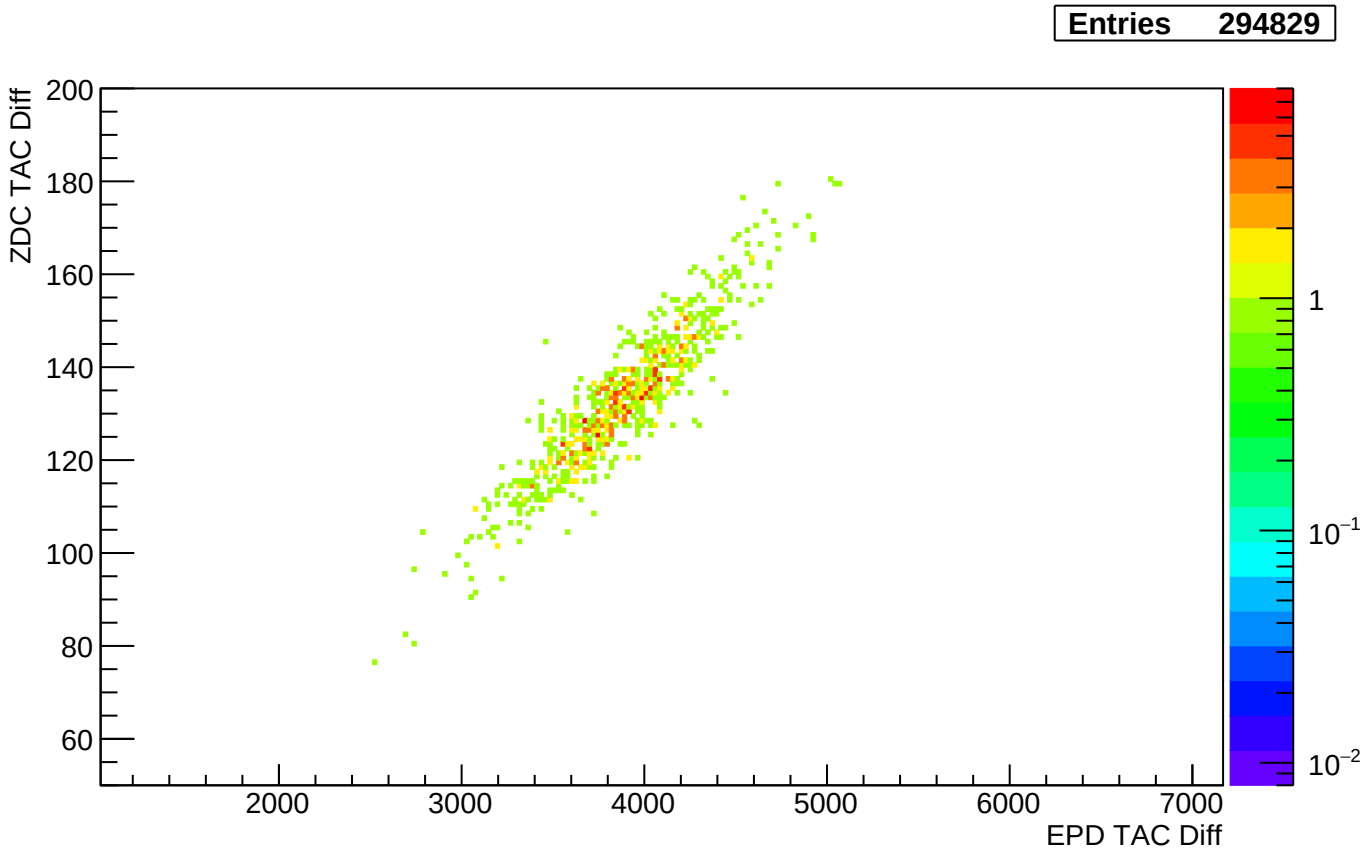

Entries 294829
TOF-Mult
BBC-S-West ADC Sum

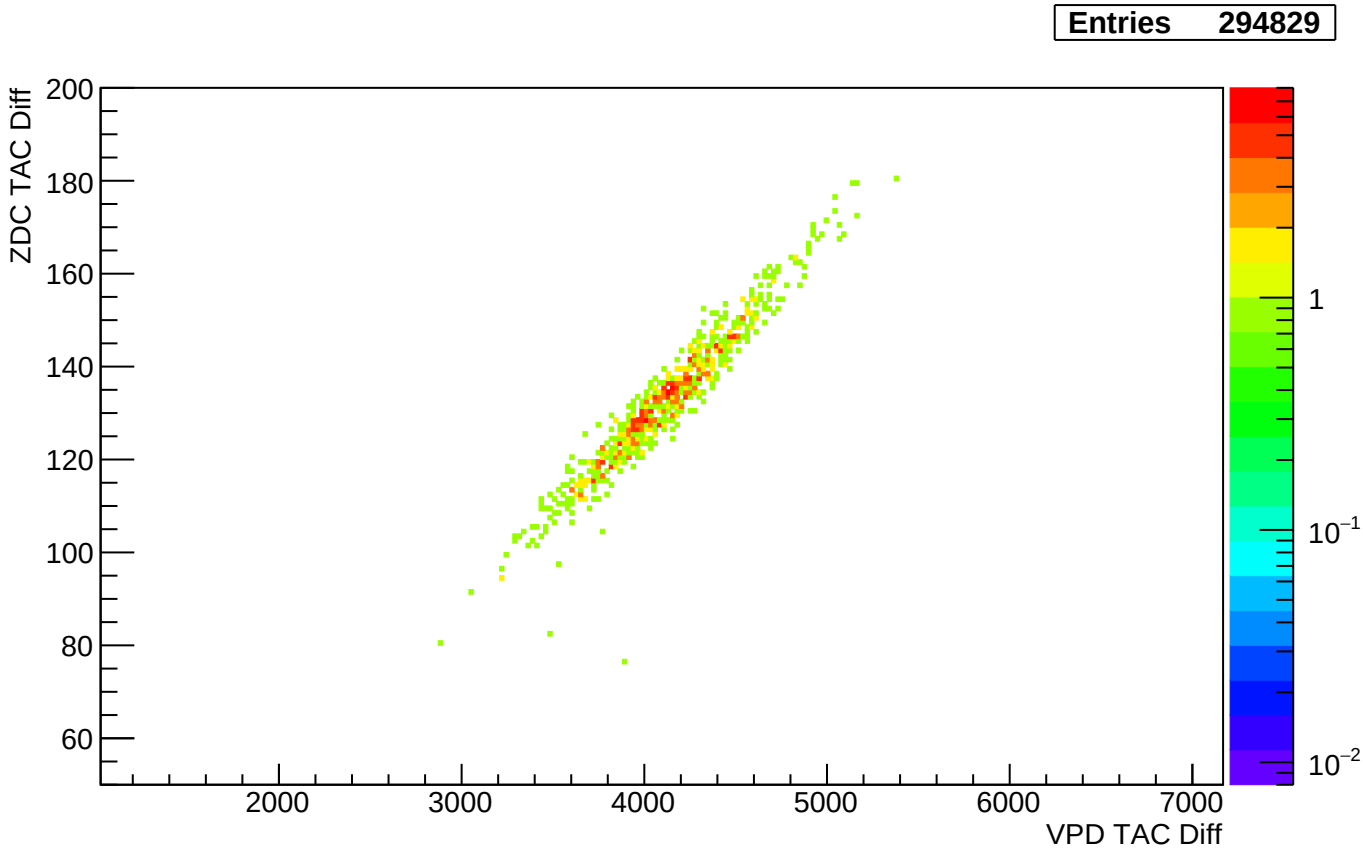

Entries 294829
TOF-Mult
EPD-East Hit Cnt

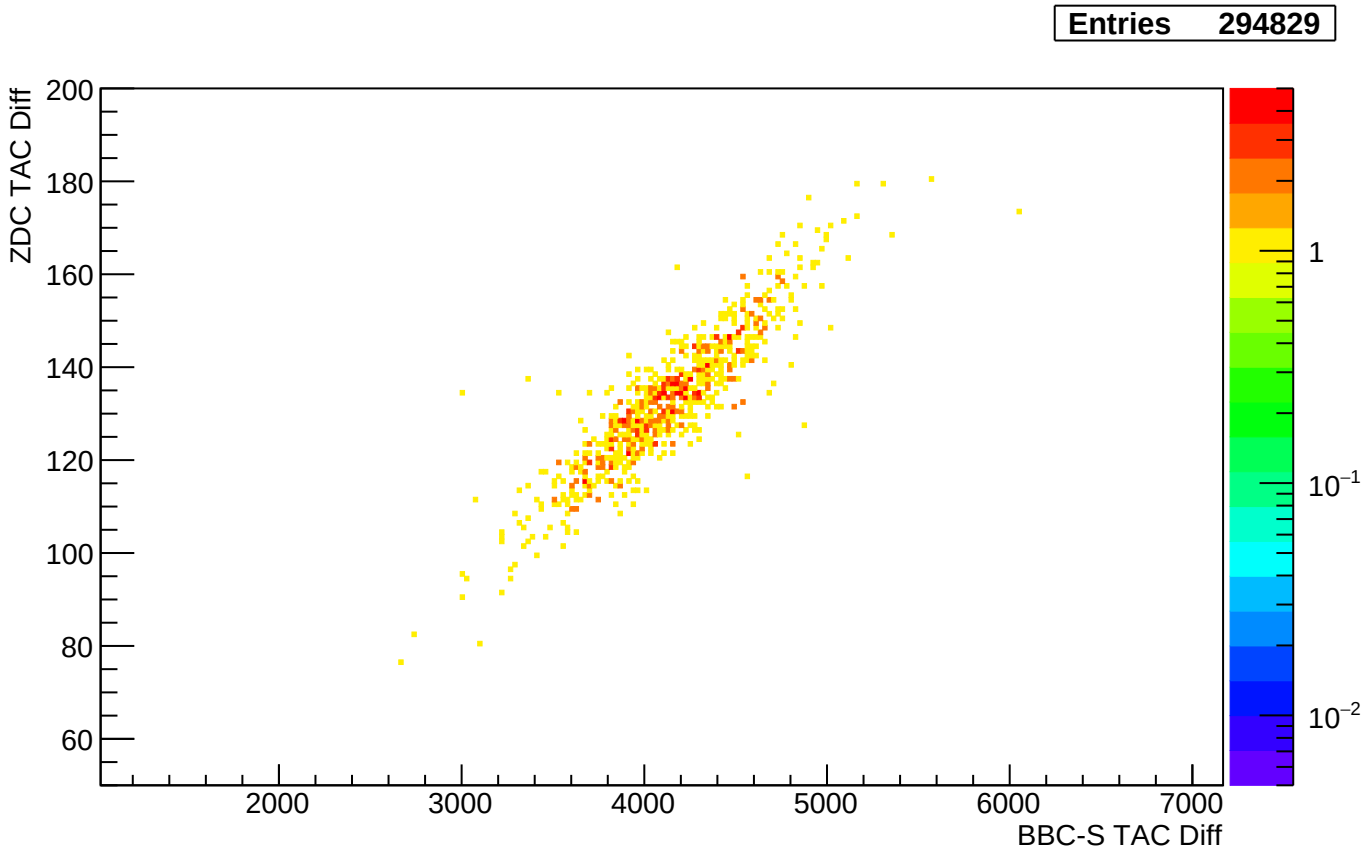

Entries 294829
TOF-Mult
EPD-West Hit Cnt

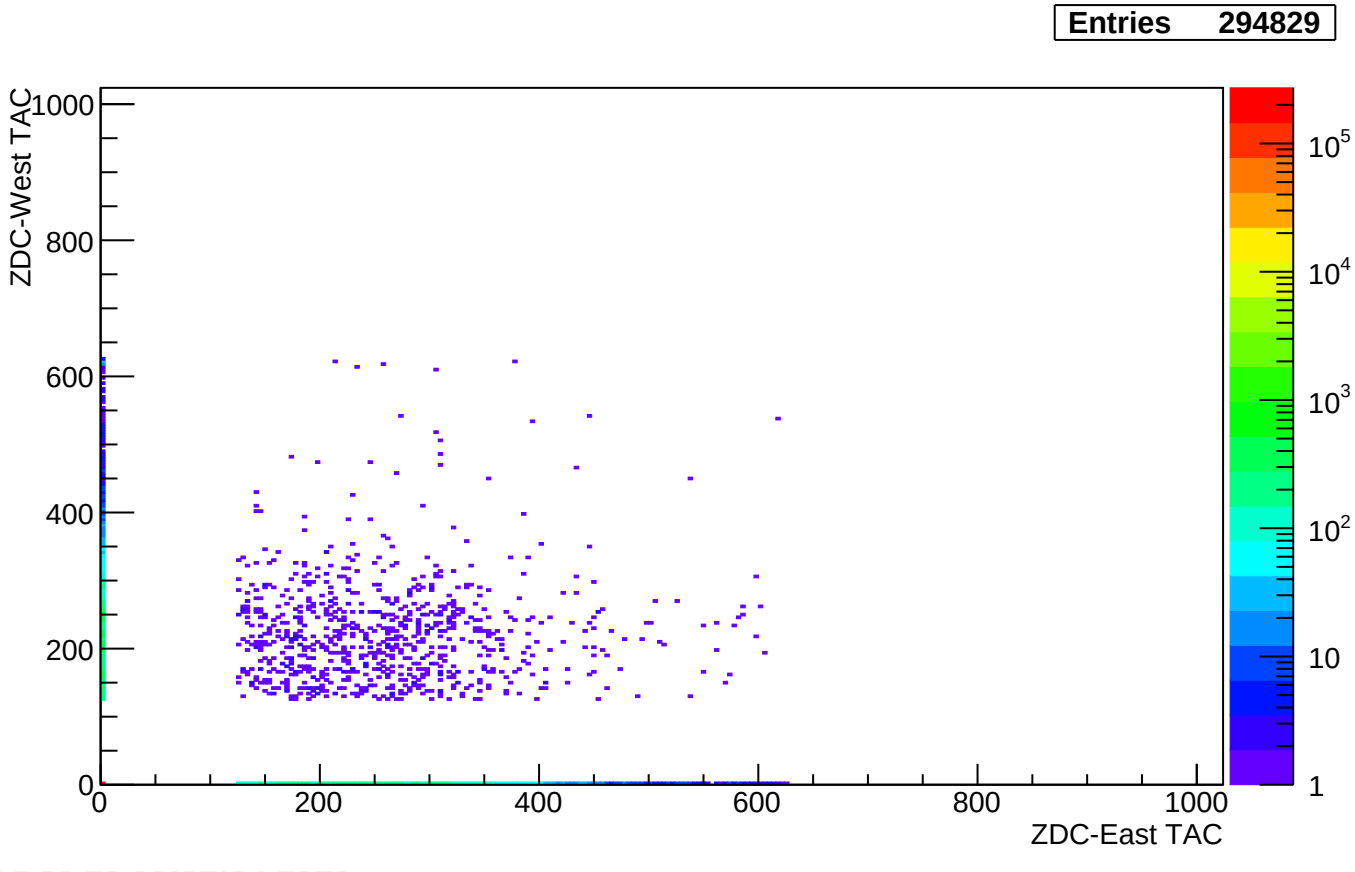

Entries 294829
TOF-Mult
VPD-East ADC Sum

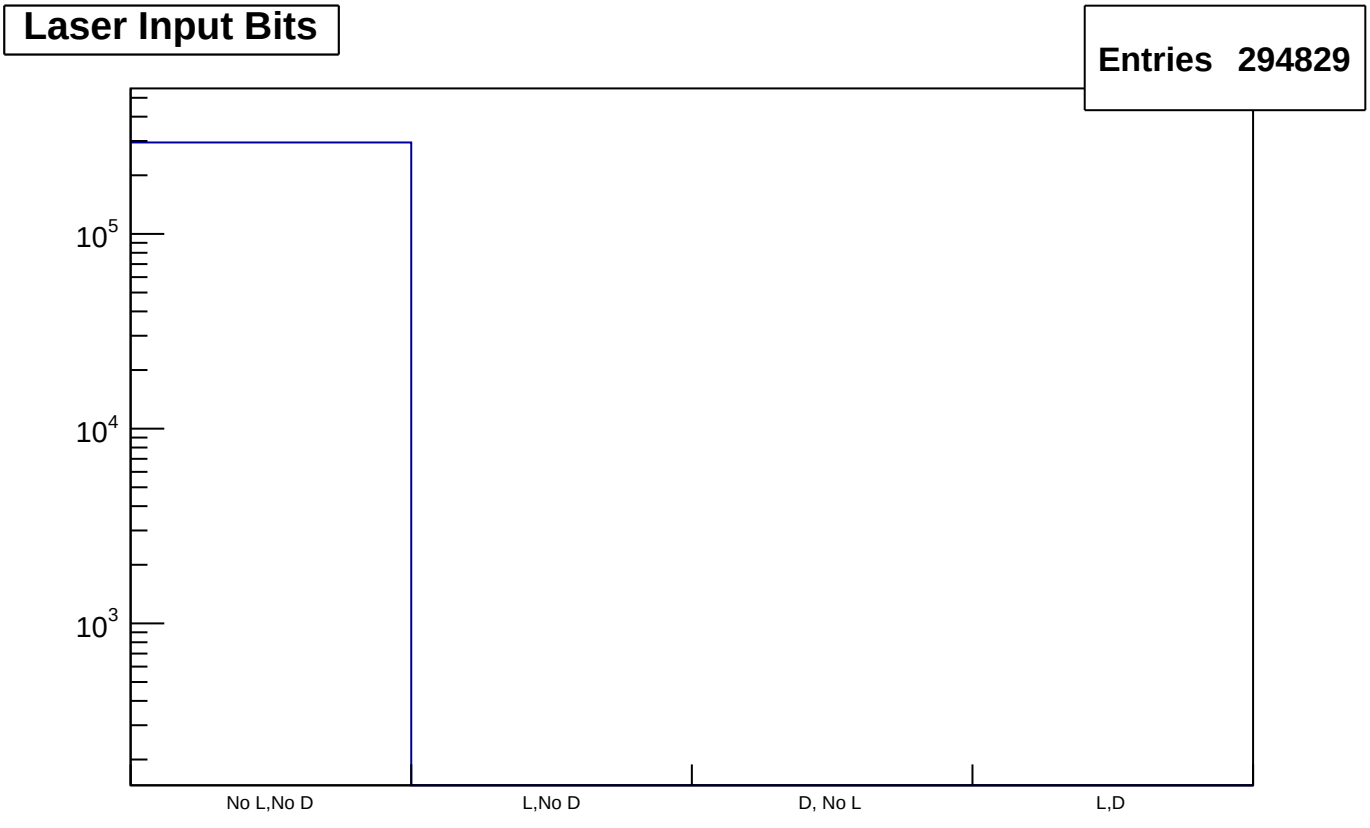

Entries 294829
TOF-Mult
VPD-West ADC Sum

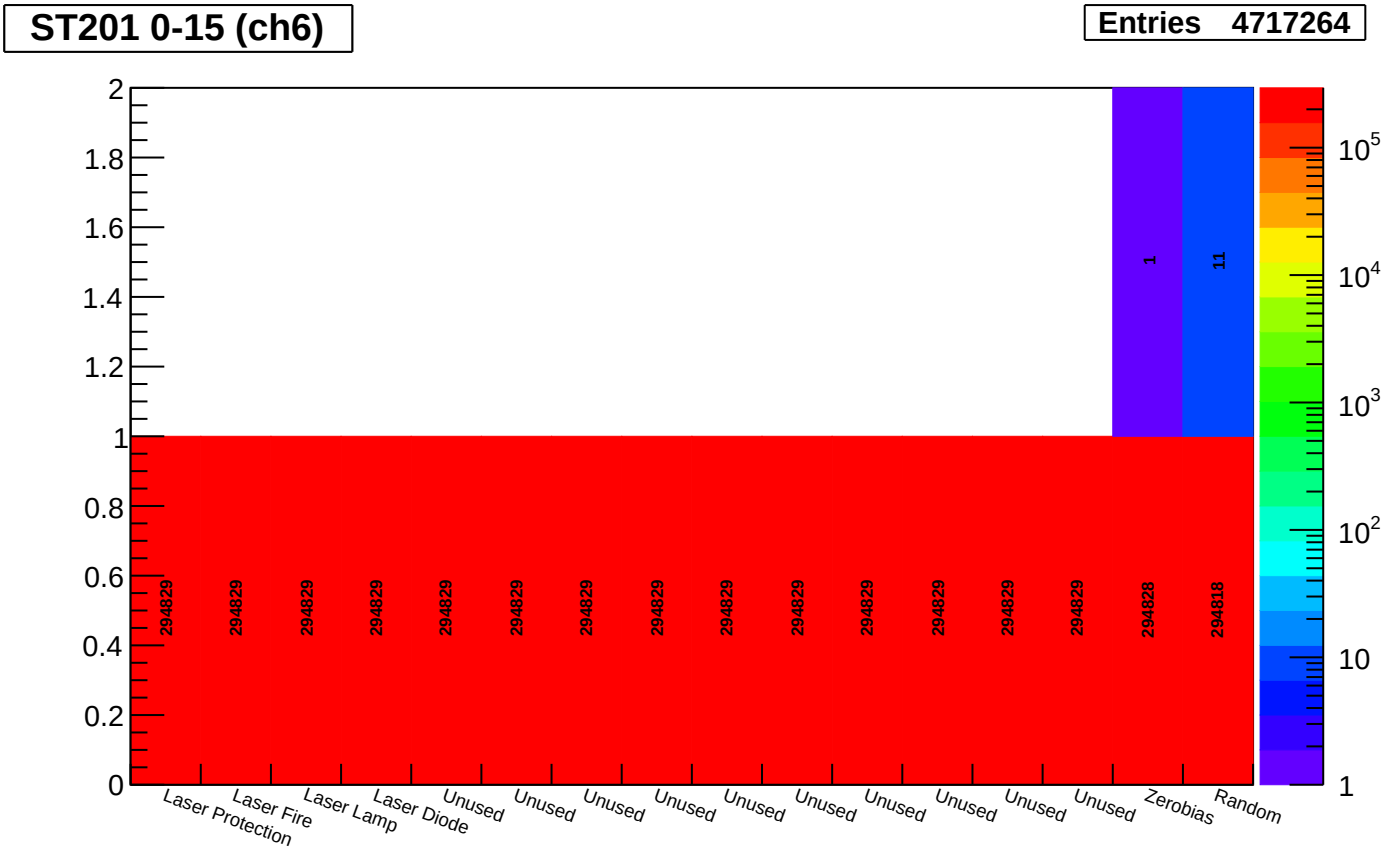

Entries 294829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

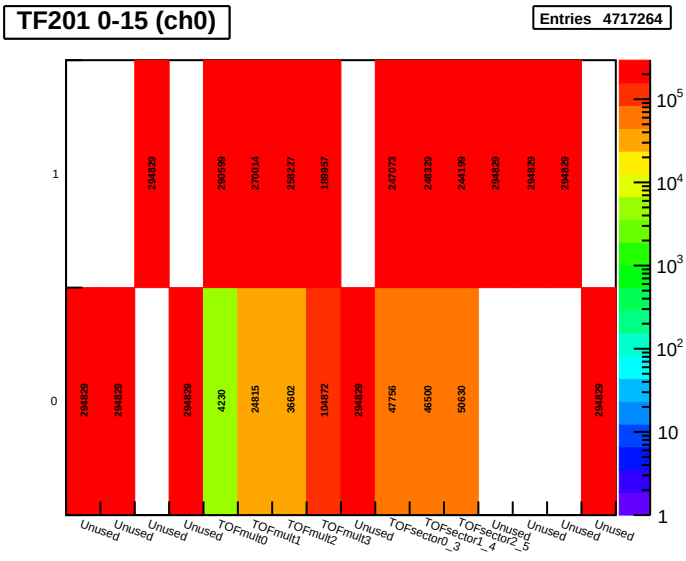

Entries 294829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

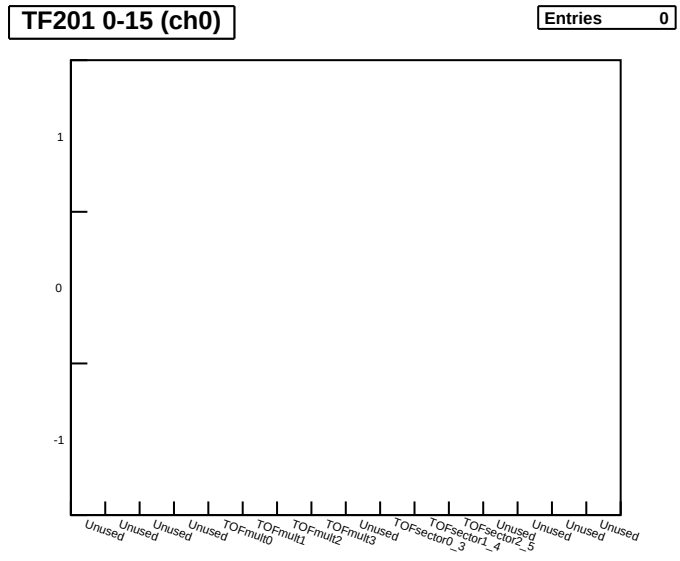

Entries 294829
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

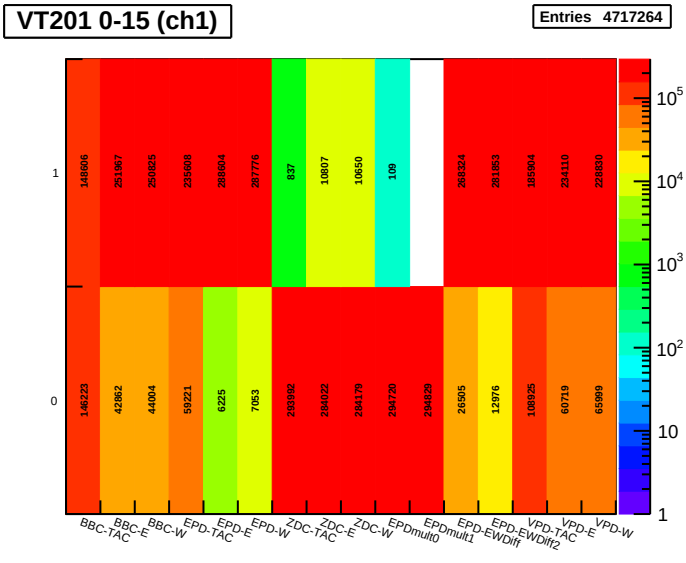

Entries 294829
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

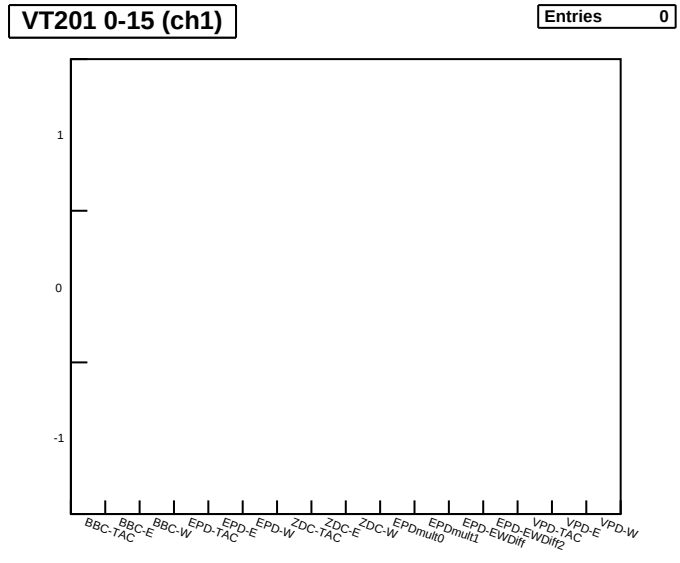

Laser Input Bits
Entries 294829
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

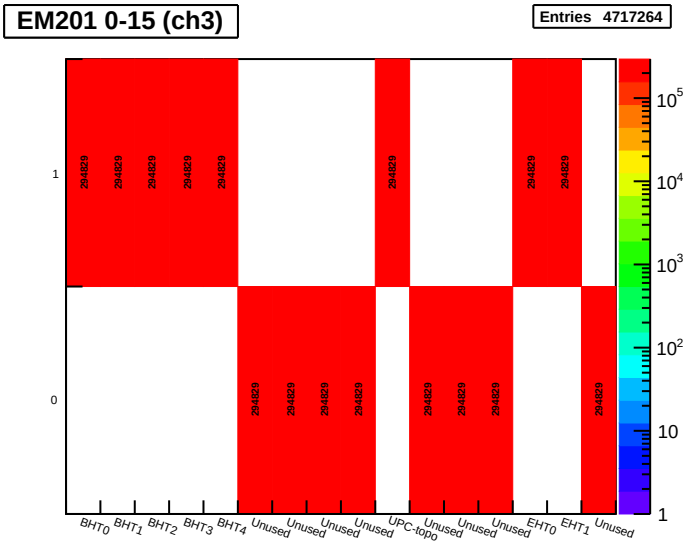

ST201 0-15 (ch6)
Entries 4717264
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
294829
294829
294829
294829
294829
294829
294829
294829
294829
294829
294829
294829
294829
294829
294828
294818
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

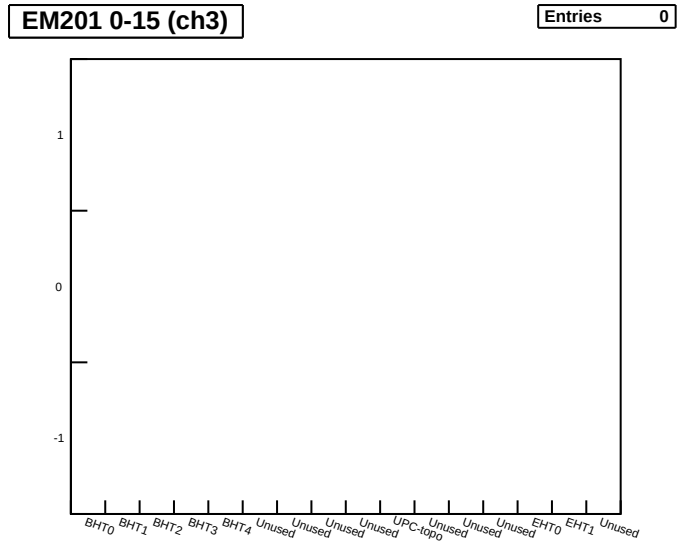

TF201 0-15 (ch0)
Entries 4717264
1
0
294829 294829 294829 294829 290599 270014 238227 189957 247073 248329 244199 294829 294829 294829
294829 294829 294829 4230 24815 36602 104872 294829 47756 46500 50630 294829
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 4717264
1
0
148606 251967 250825 235608 288604 287776 837 10807 10650 109 268324 281853 185904 234110 228830
146223 42862 44004 59221 6225 7053 283992 284022 284179 294720 294829 26505 12976 106925 60719 65999
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 4717264
1
0
294829 294829 294829 294829 294829 294829 294829 294829
294829 294829 294829 294829 294829 294829 294829 294829
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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