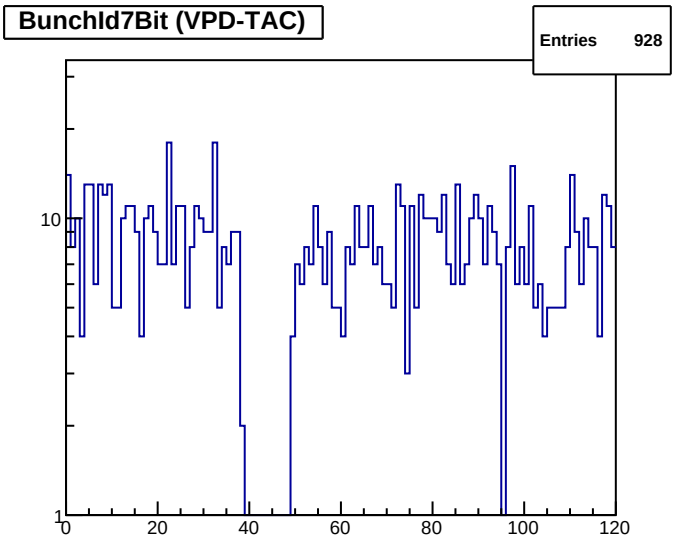
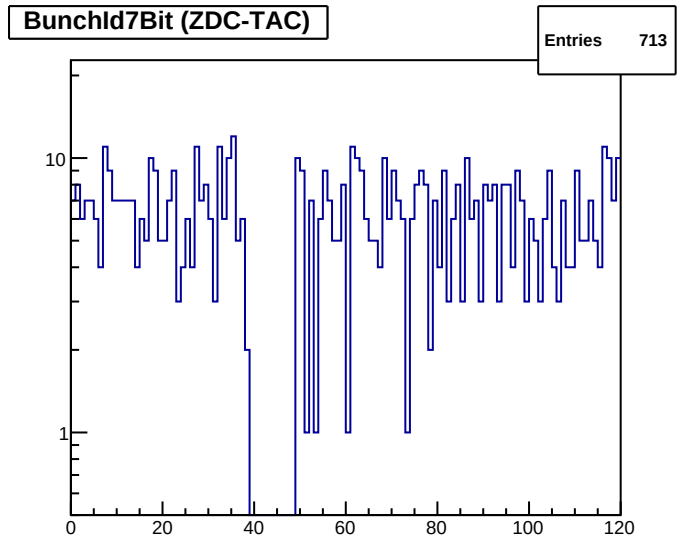
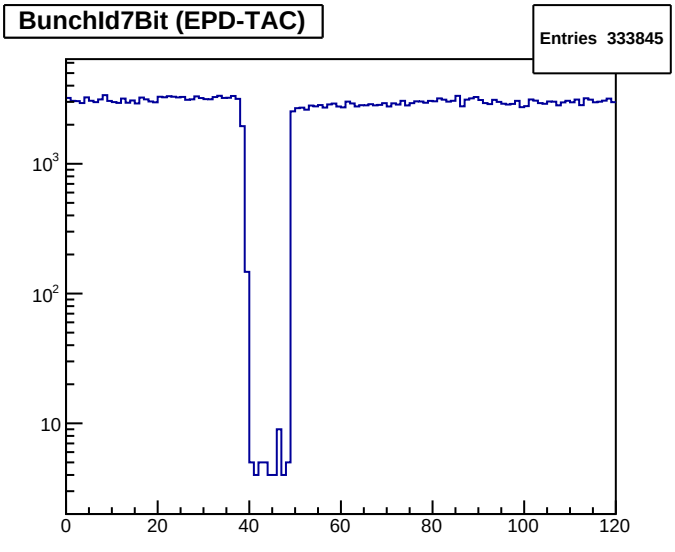
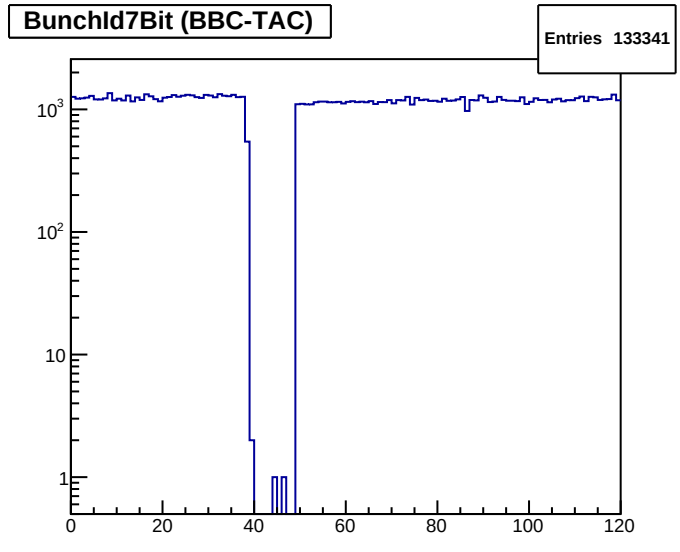
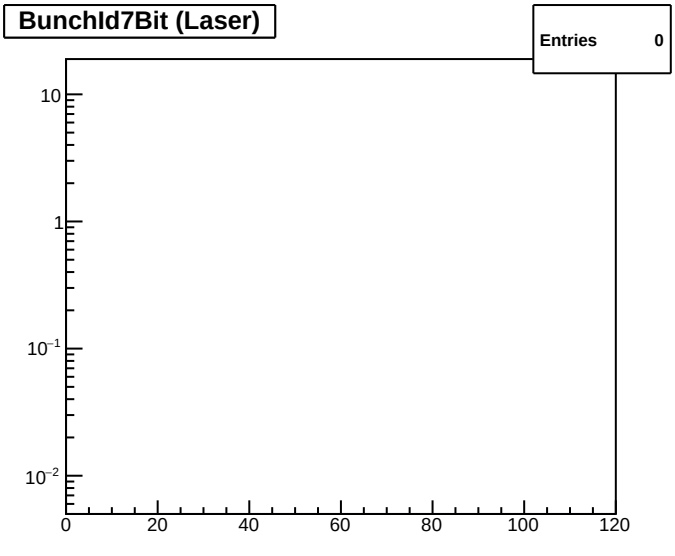
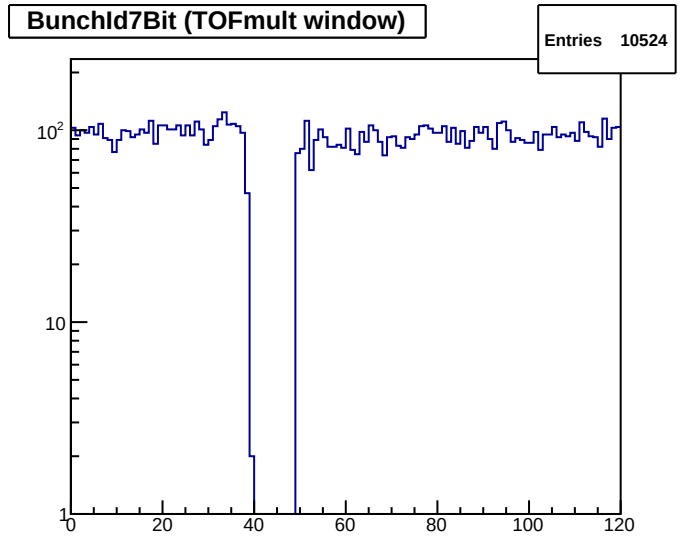

BunchId7Bit (VPD-TAC)
Entries 928

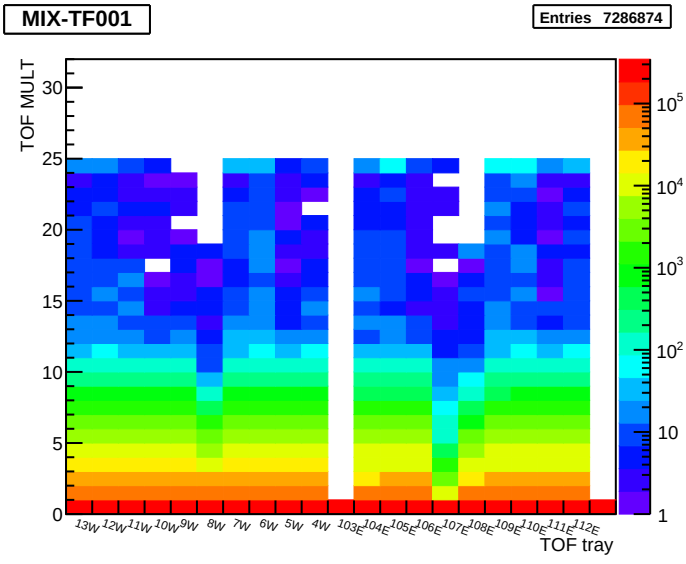

BunchId7Bit (ZDC-TAC)
Entries 713

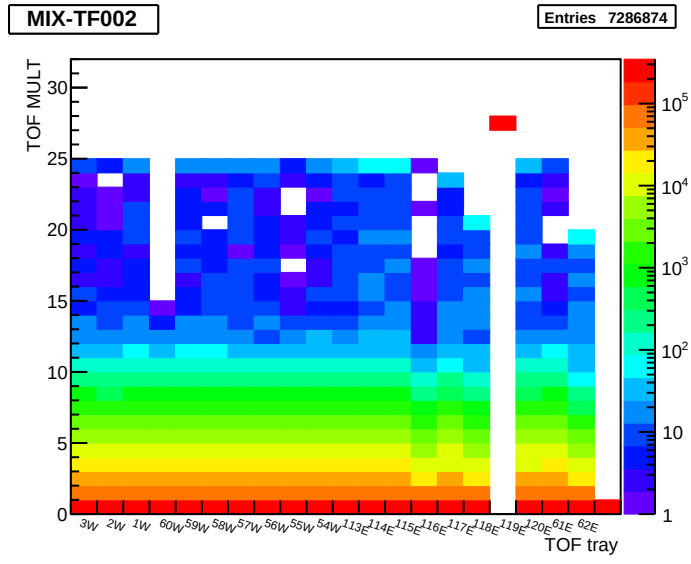

BunchId7Bit (EPD-TAC)
Entries 333845

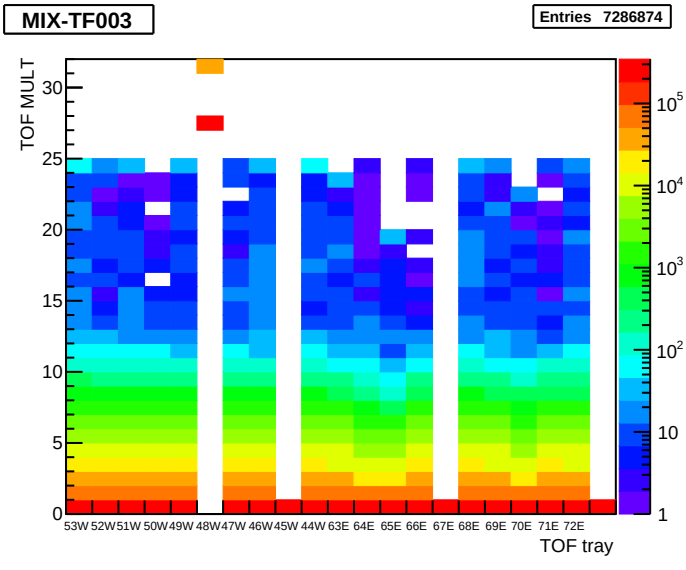

BunchId7Bit (BBC-TAC)
Entries 133341

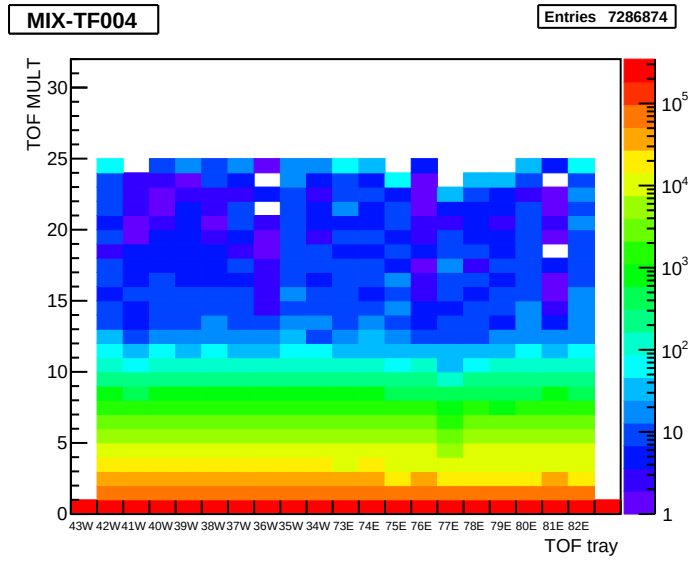

BunchId7Bit (Laser)
Entries 0

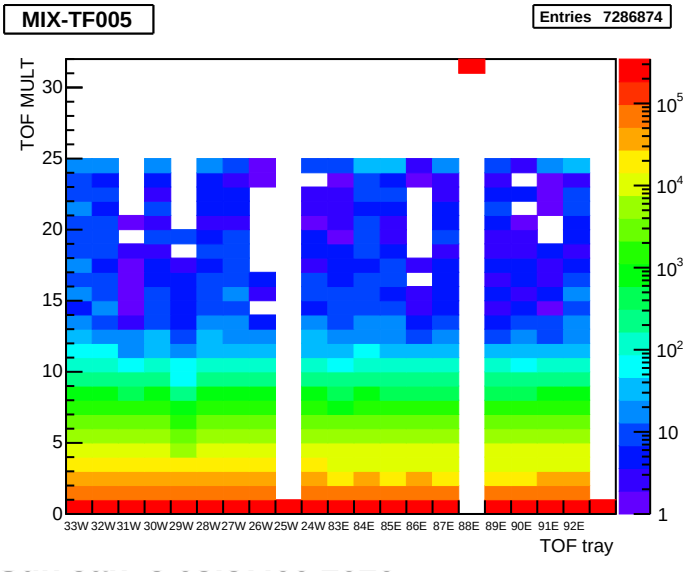

BunchId7Bit (TOFmult window)
Entries 10524

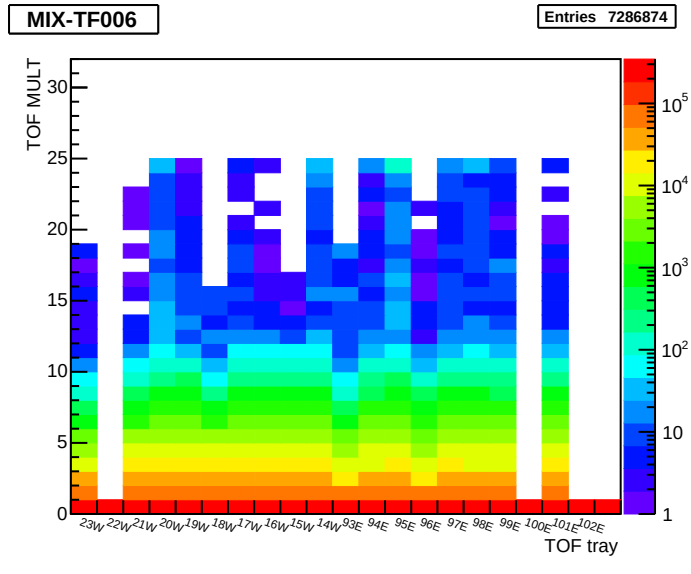

MIX-TF001
Entries 7286874
TOF MULT
TOF tray

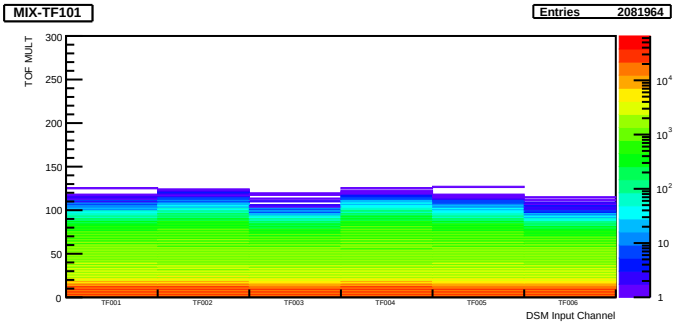

MIX-TF002
Entries 7286874
TOF MULT
TOF tray

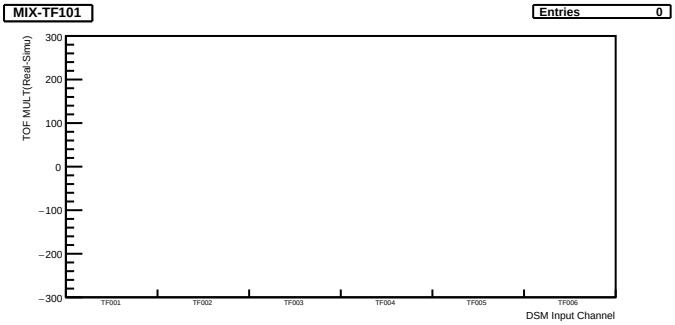

MIX-TF003
Entries 7286874
TOF MULT
TOF tray

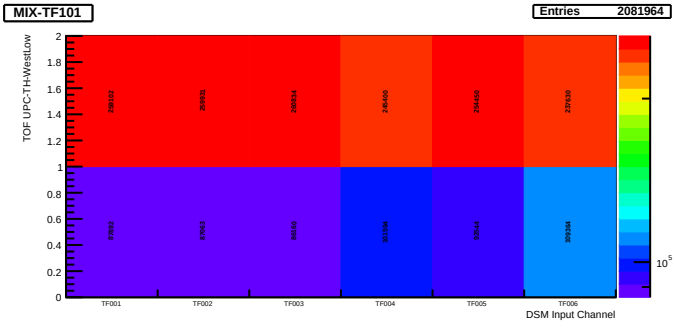

MIX-TF004
Entries 7286874
TOF MULT
TOF tray

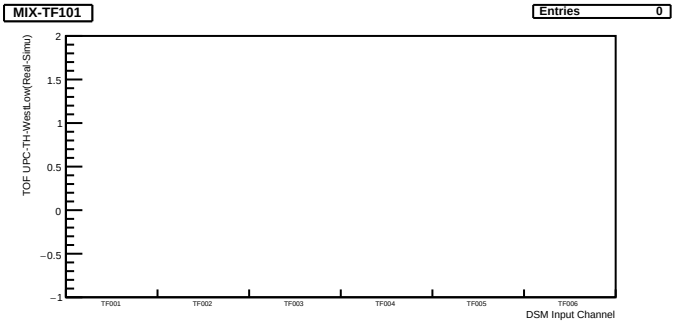

MIX-TF005
Entries 7286874
TOF MULT
TOF tray

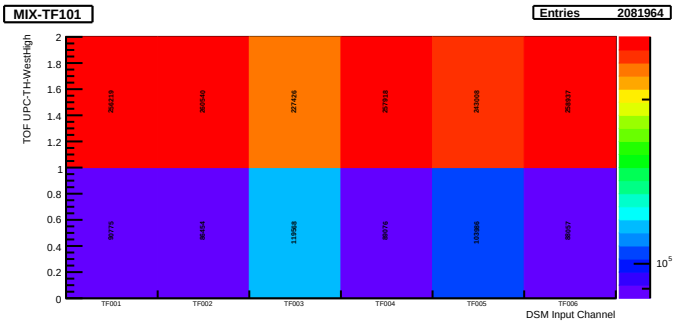

MIX-TF006
Entries 7286874
TOF MULT
TOF tray

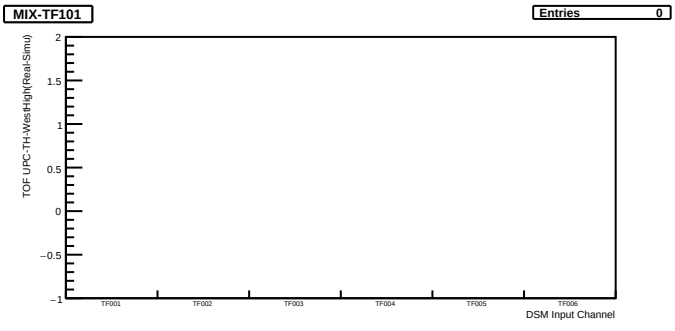

MIX-TF101
Entries 2081964
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

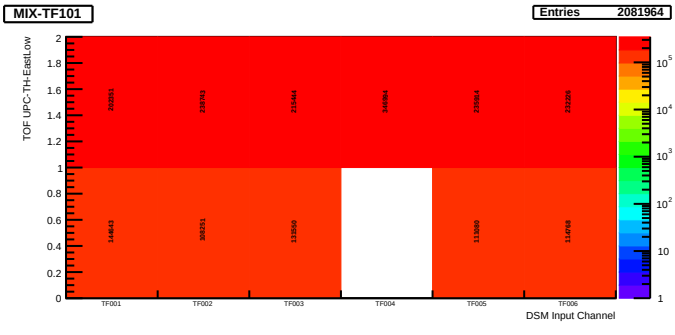

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

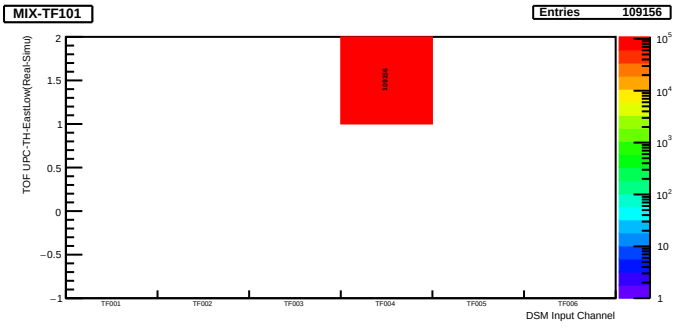

MIX-TF101
Entries 2081964
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

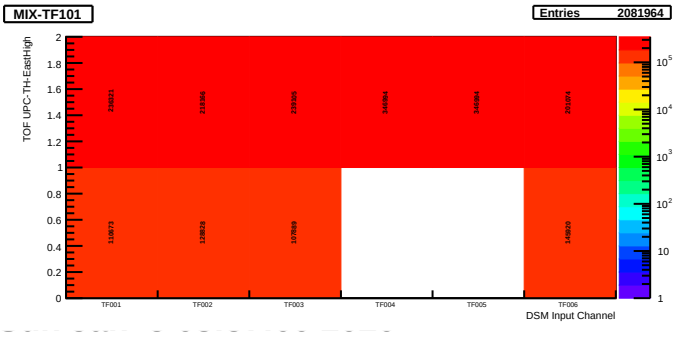

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

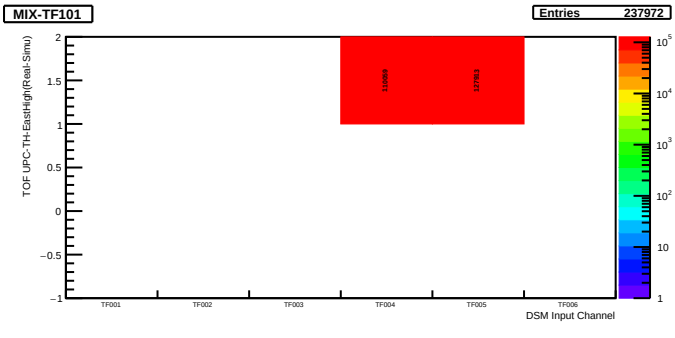

MIX-TF101
Entries 2081964
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

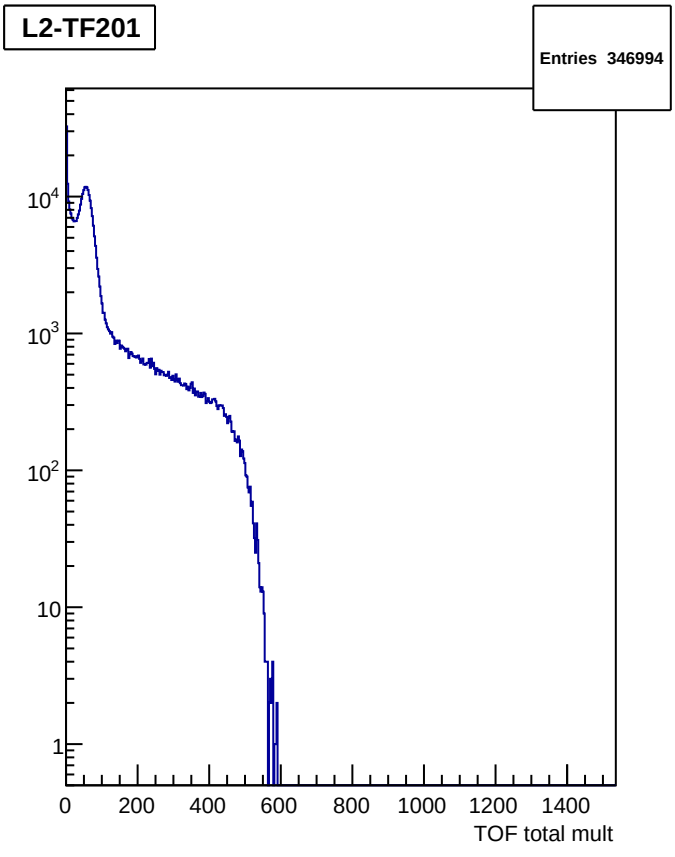

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

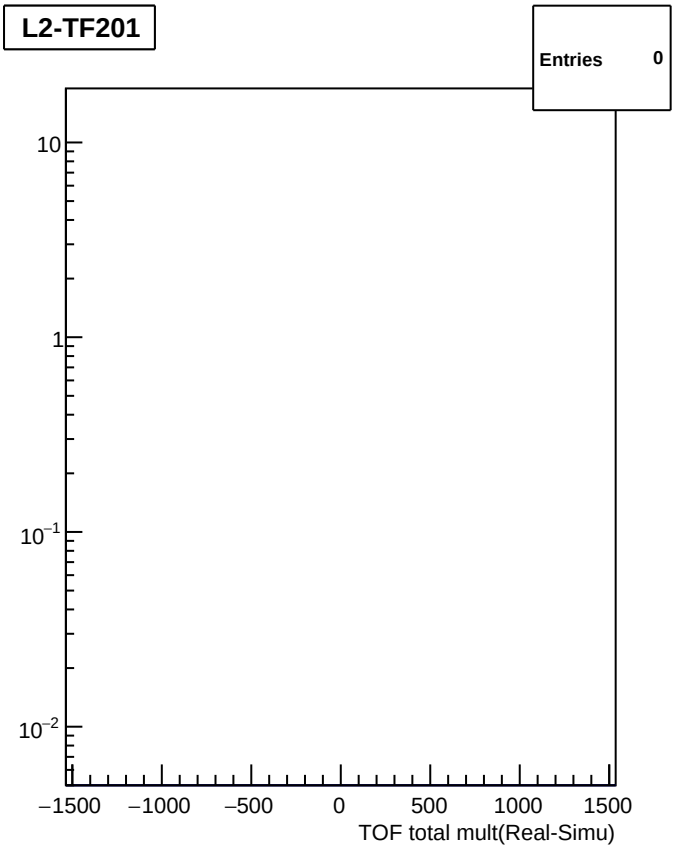

MIX-TF101
Entries 2081964
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

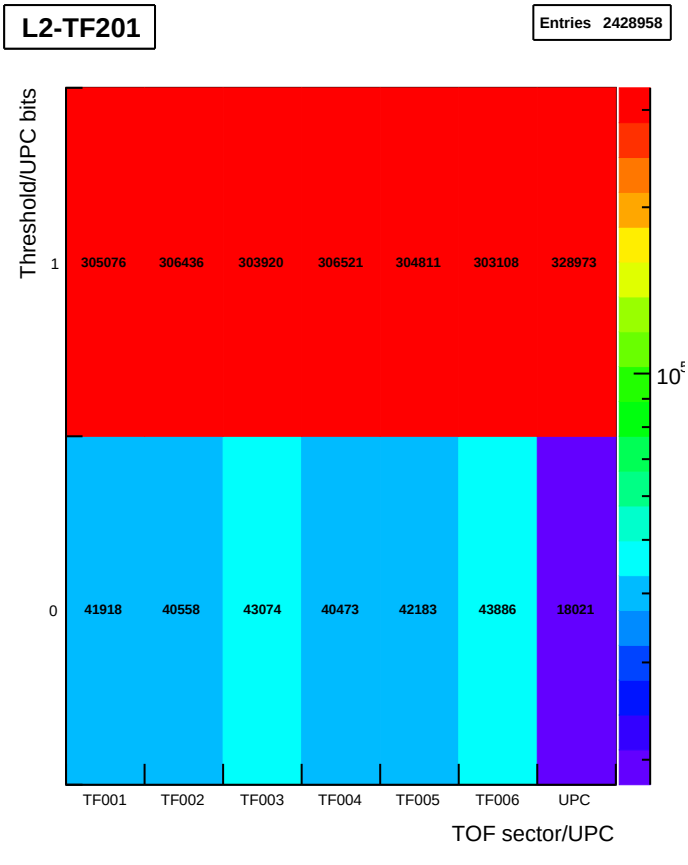

MIX-TF101
Entries 109156
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

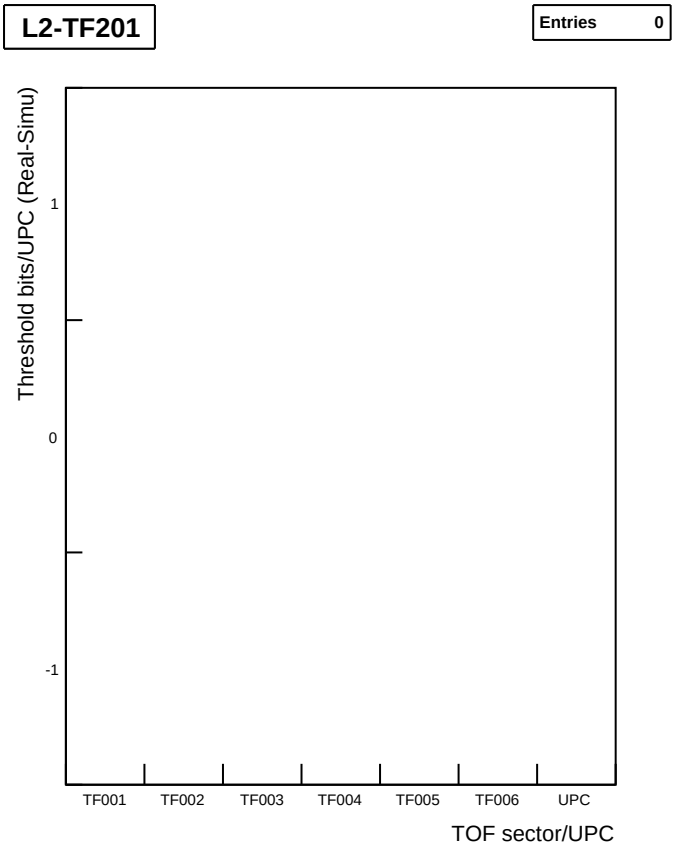

MIX-TF101
Entries 2081964
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

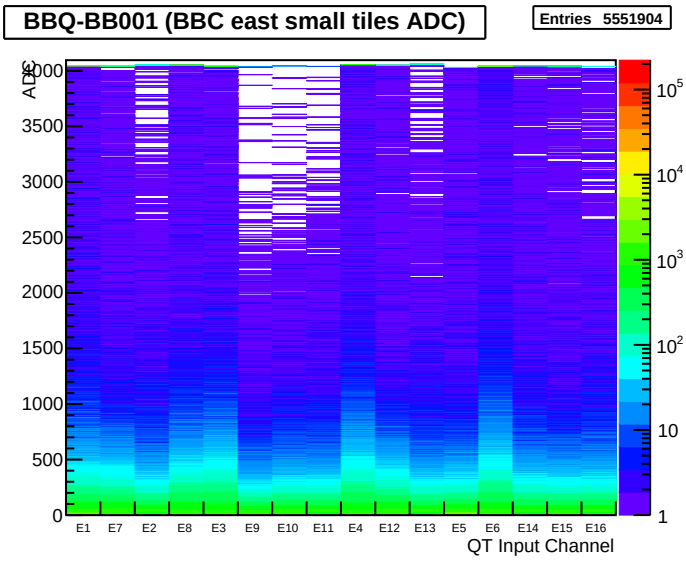

MIX-TF101
Entries 237972
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

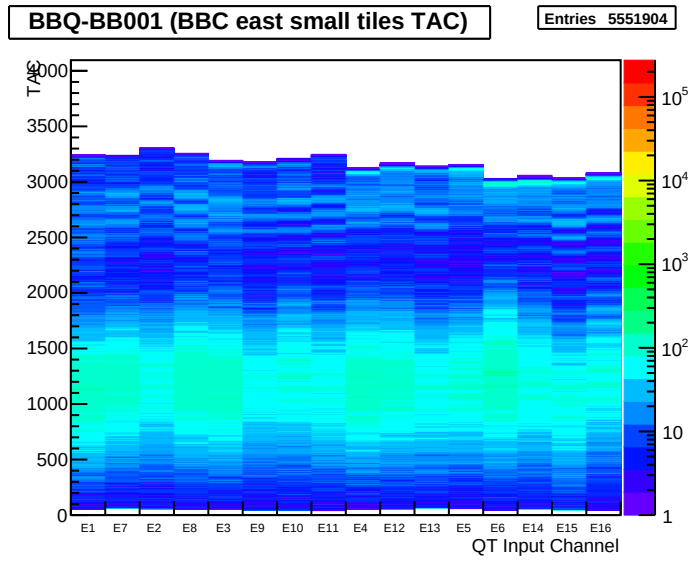

L2-TF201
Entries 346994
TOF total mult

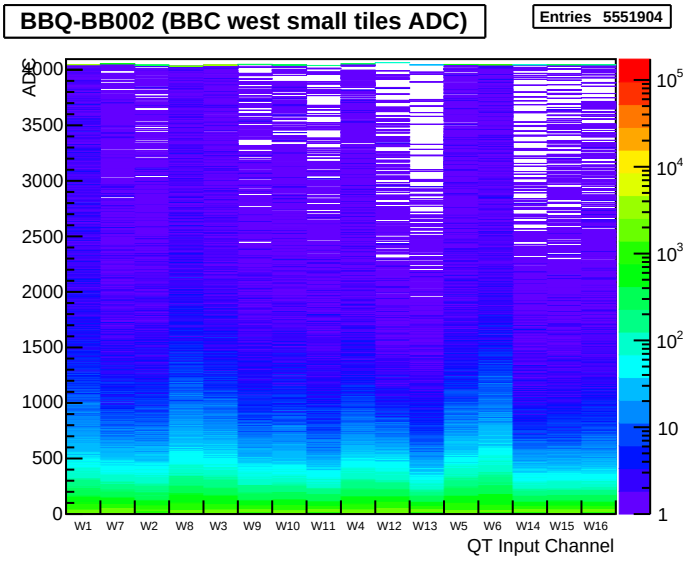

L2-TF201
Entries 0
TOF total mult(Real-Simu)

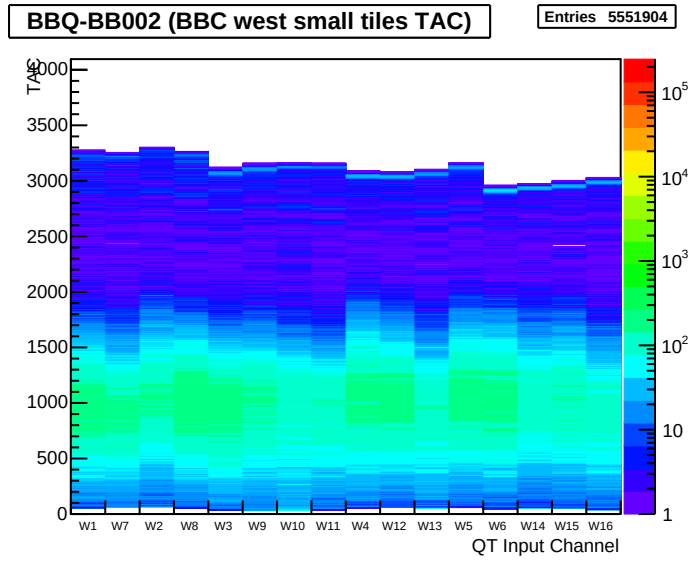

L2-TF201
Entries 2428958
Threshold/UPC bits
305076
306436
303920
306521
304811
303108
328973
41918
40558
43074
40473
42183
43886
18021
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

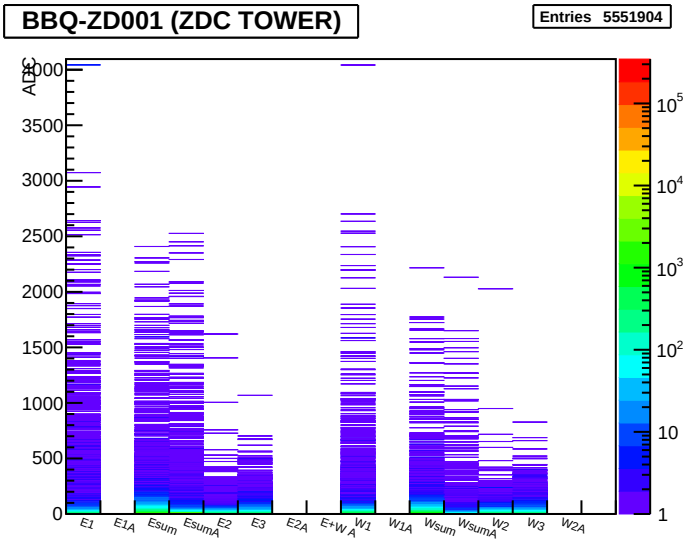

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

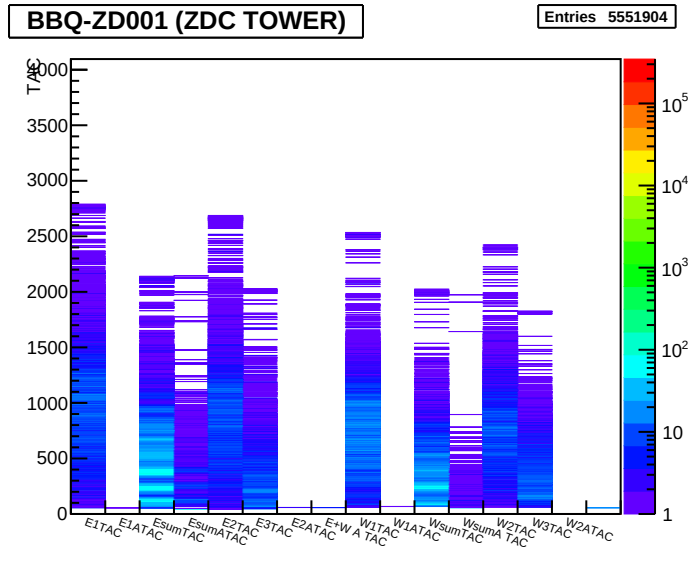

BBQ-BB001 (BBC east small tiles ADC)
Entries 5551904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

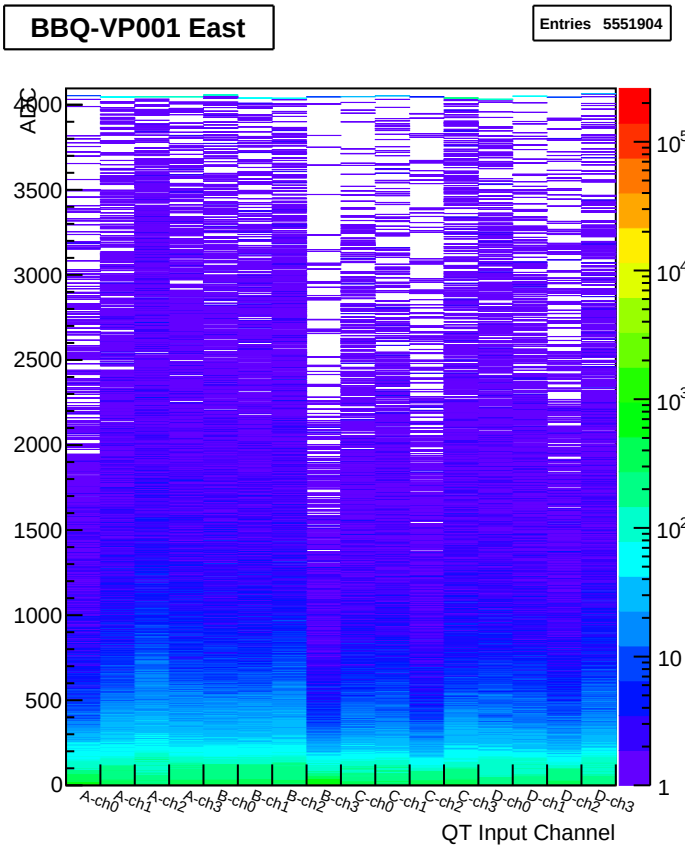

BBQ-BB001 (BBC east small tiles TAC)
Entries 5551904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

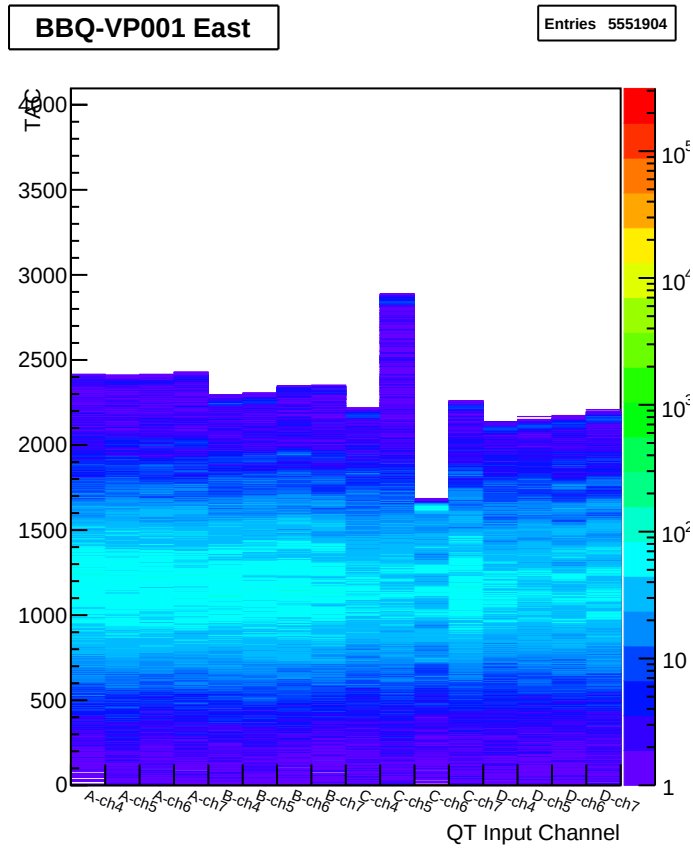

BBQ-BB002 (BBC west small tiles ADC)
Entries 5551904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

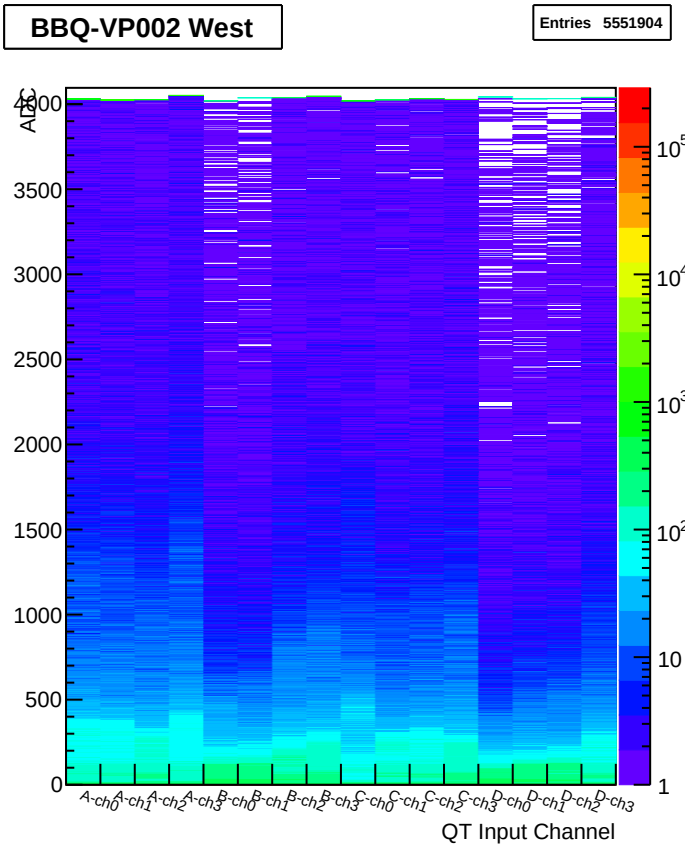

BBQ-BB002 (BBC west small tiles TAC)
Entries 5551904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

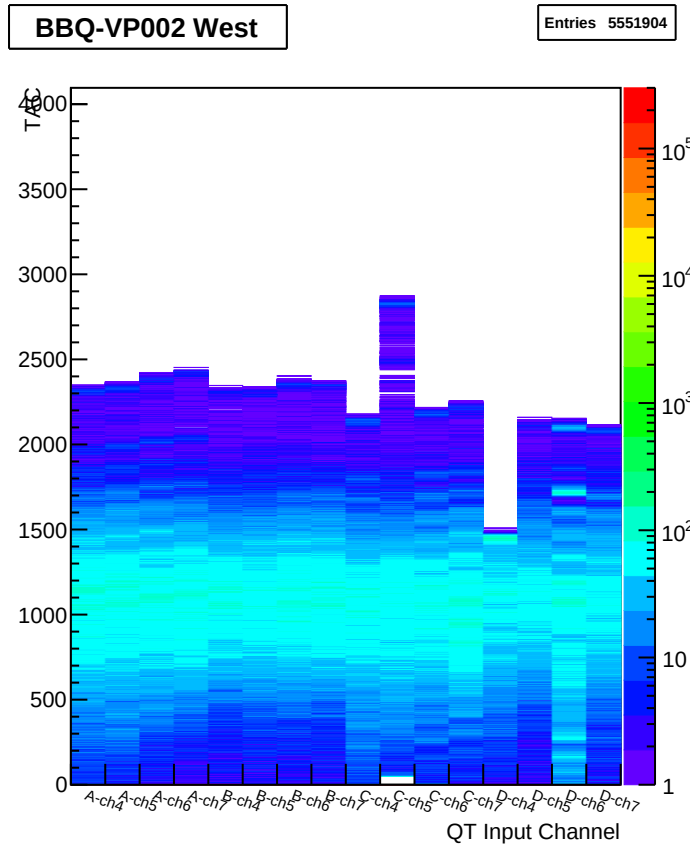

BBQ-ZD001 (ZDC TOWER)
Entries 5551904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

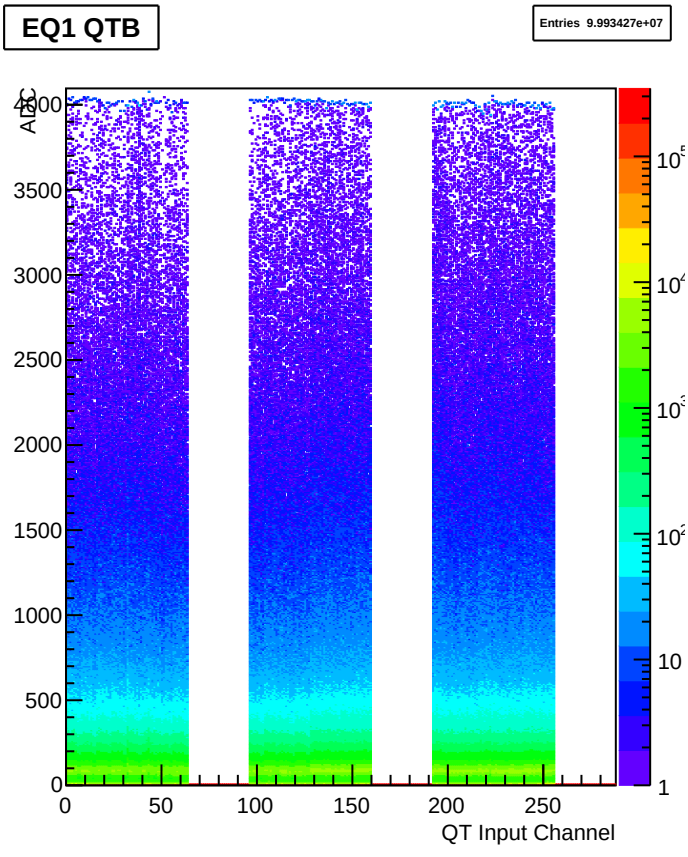

BBQ-ZD001 (ZDC TOWER)
Entries 5551904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

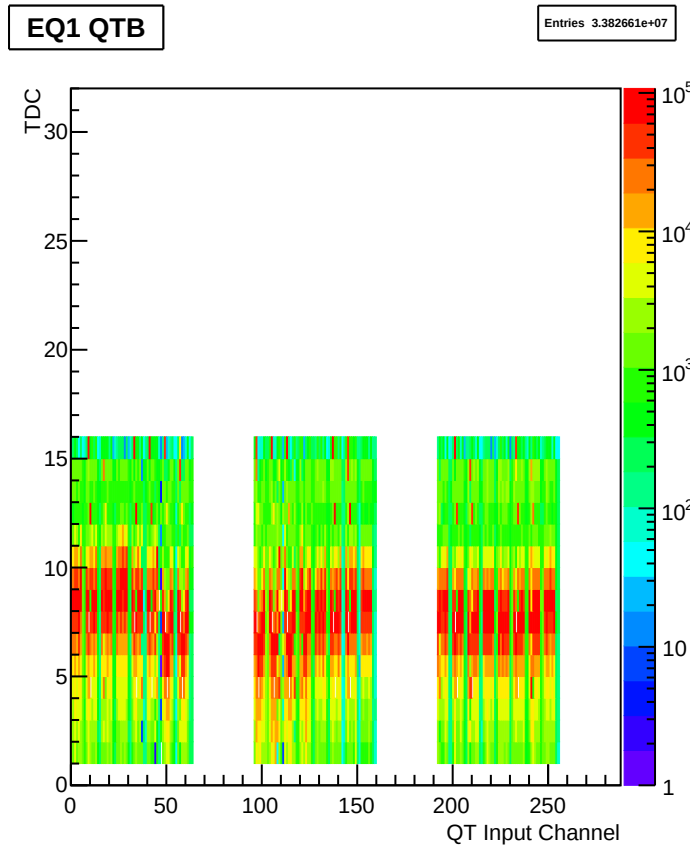

BBQ-VP001 East
Entries 5551904
ADC
QT Input Channel

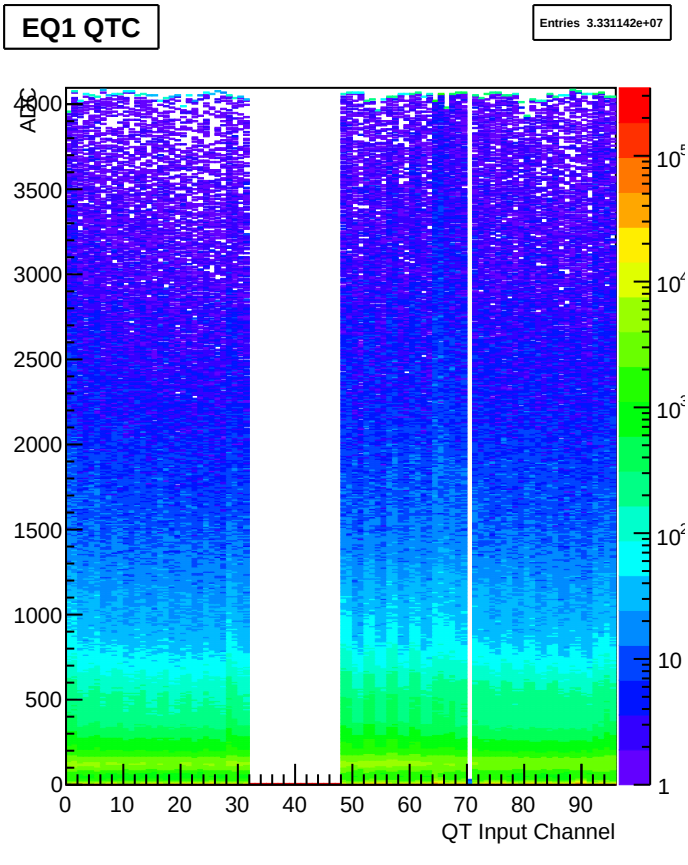

BBQ-VP001 East
Entries 5551904
TADC
QT Input Channel

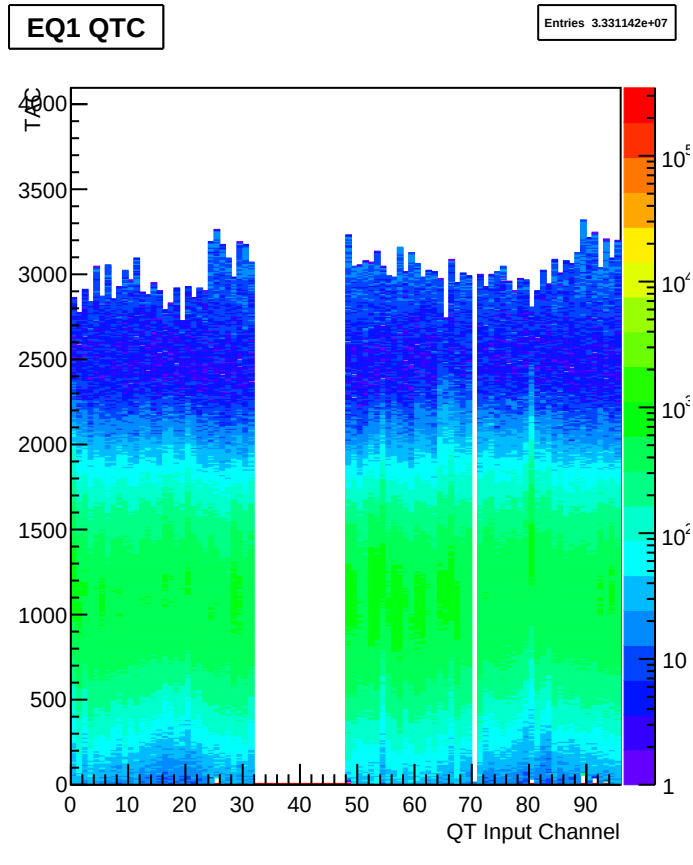

BBQ-VP002 West
Entries 5551904
ADC
QT Input Channel

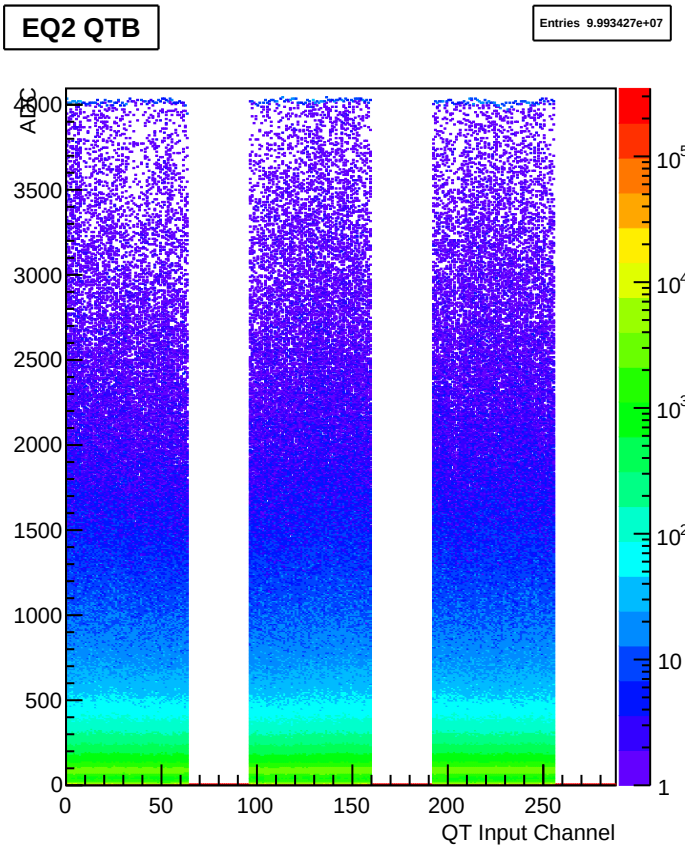

BBQ-VP002 West
Entries 5551904
TADC
QT Input Channel

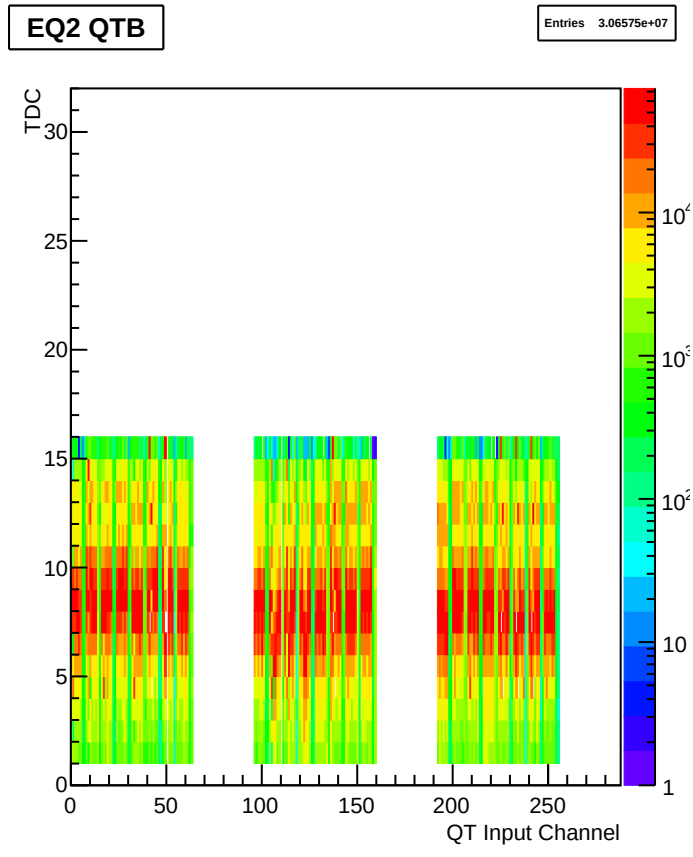

EQ1 QTB
Entries 9.993427e+07
ADC
QT Input Channel

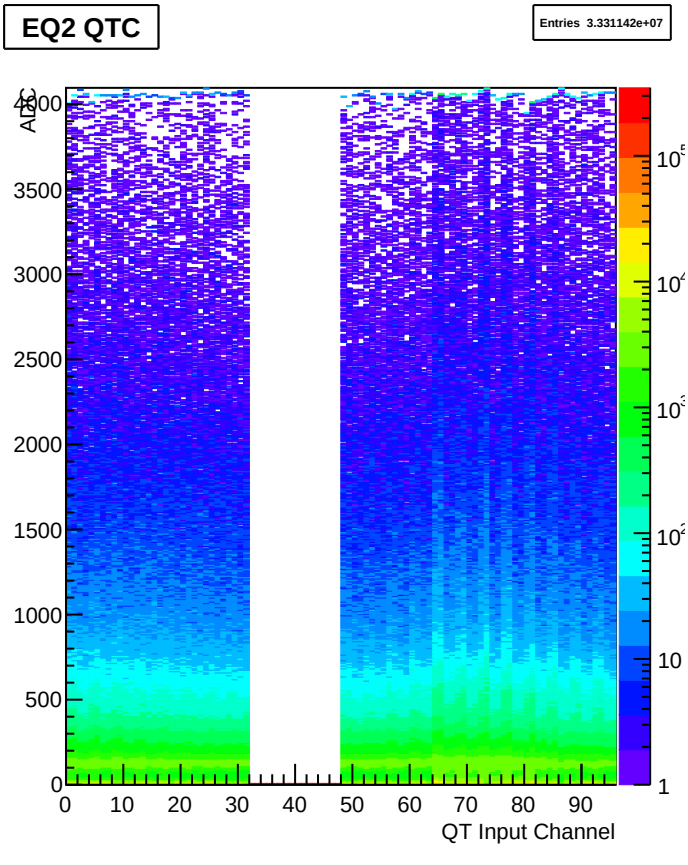

EQ1 QTB
Entries 3.382661e+07
TDC
QT Input Channel

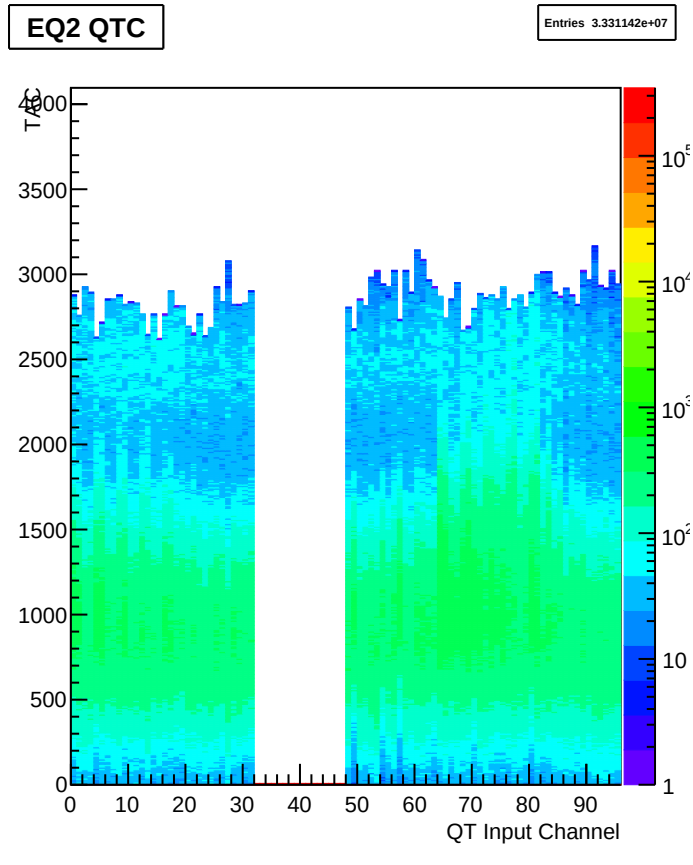

EQ1 QTC
Entries 3.331142e+07
ADC
QT Input Channel

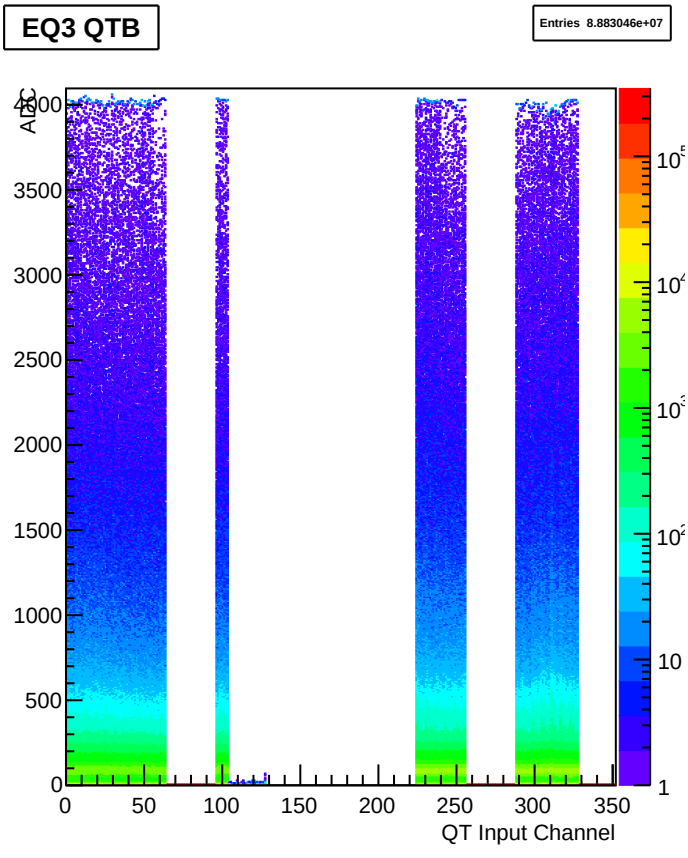

EQ1 QTC
Entries 3.331142e+07
TADC
QT Input Channel

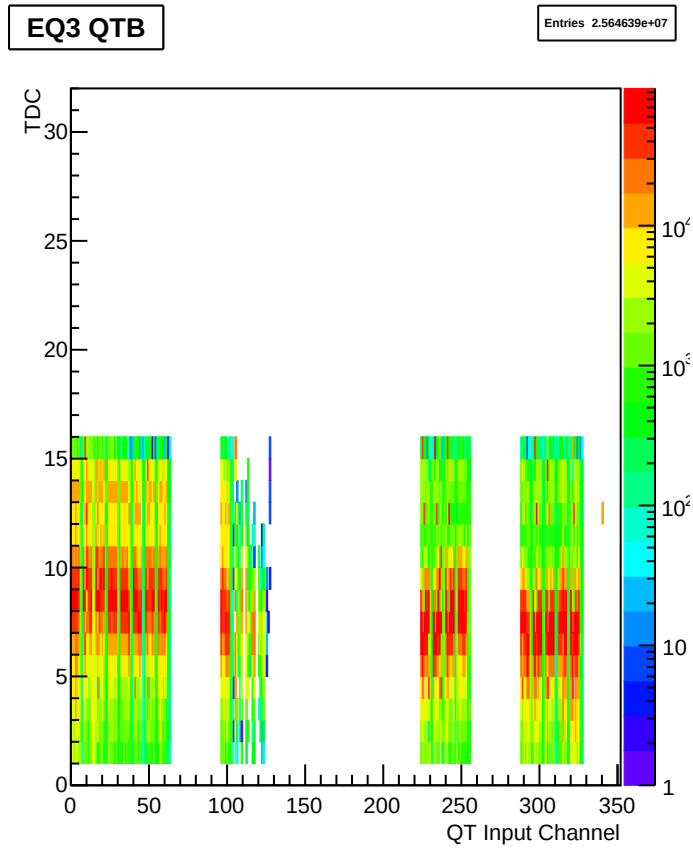

EQ2 QTB
Entries 9.993427e+07
ADC
QT Input Channel

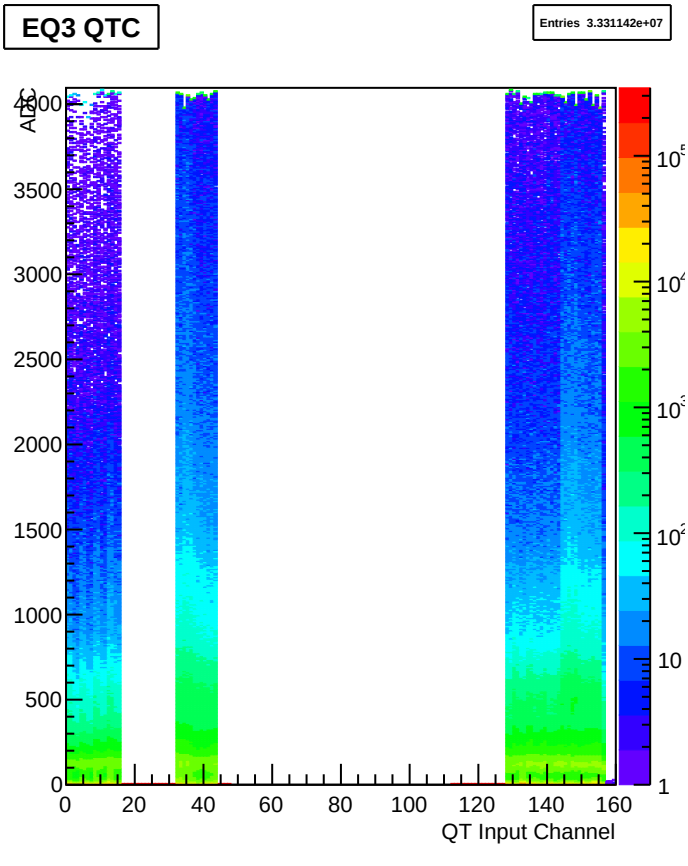

EQ2 QTB
Entries 3.06575e+07
TDC
QT Input Channel

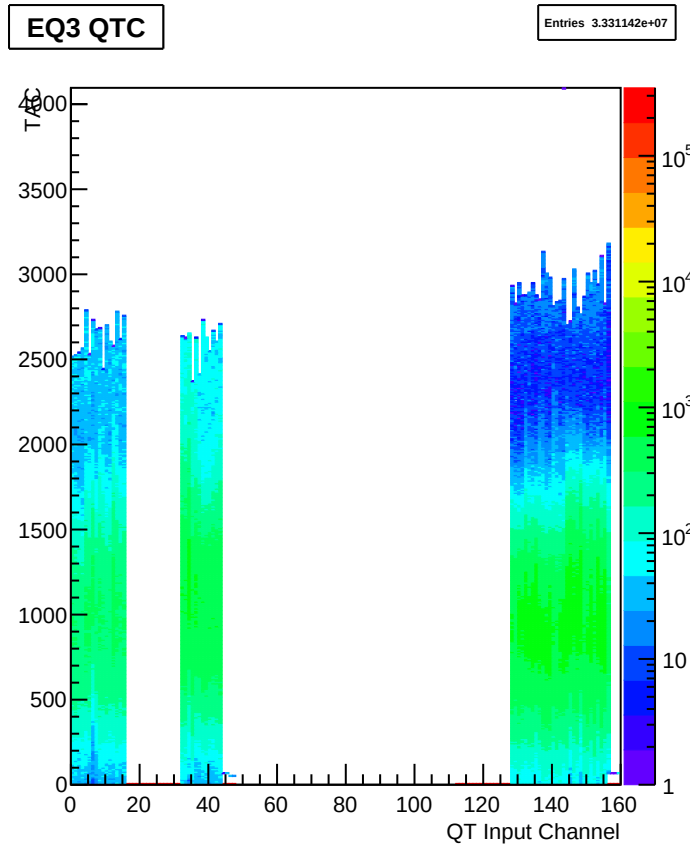

EQ2 QTC
Entries 3.331142e+07
ADC
QT Input Channel

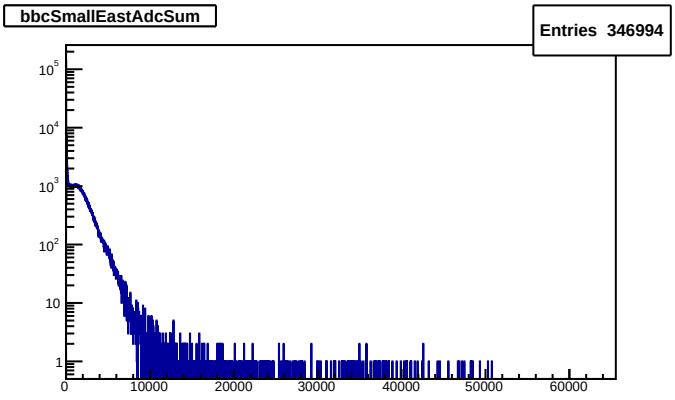

EQ2 QTC
Entries 3.331142e+07
TADC
QT Input Channel

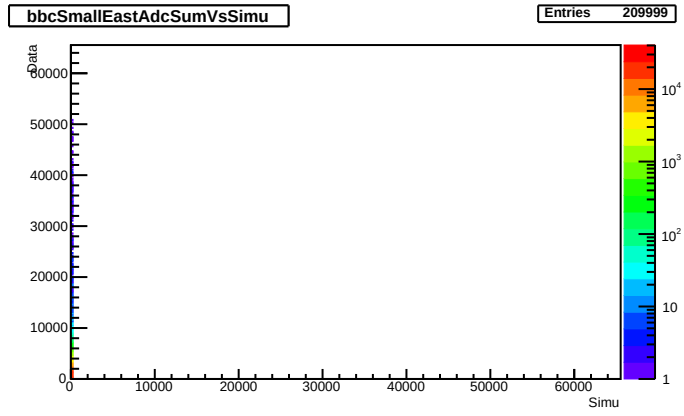

EQ3 QTB
Entries 8.883046e+07
ADC
QT Input Channel

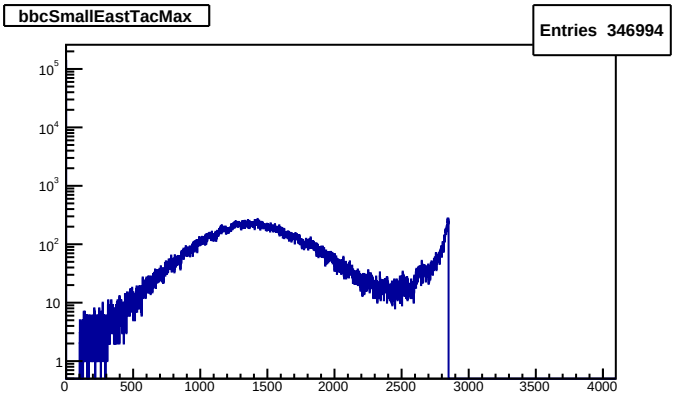

EQ3 QTB
Entries 2.564639e+07
TDC
QT Input Channel

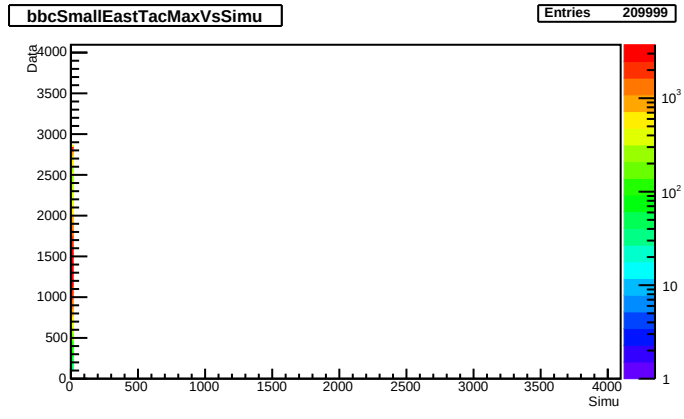

EQ3 QTC
Entries 3.331142e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.331142e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 346994


bbcSmallEastAdcSumVsSimu
Entries 209999
Data
Simu


bbcSmallEastTacMax
Entries 346994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Entries 209999
Data
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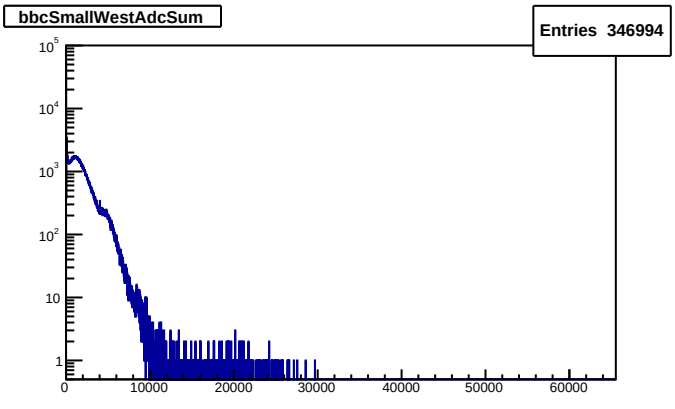
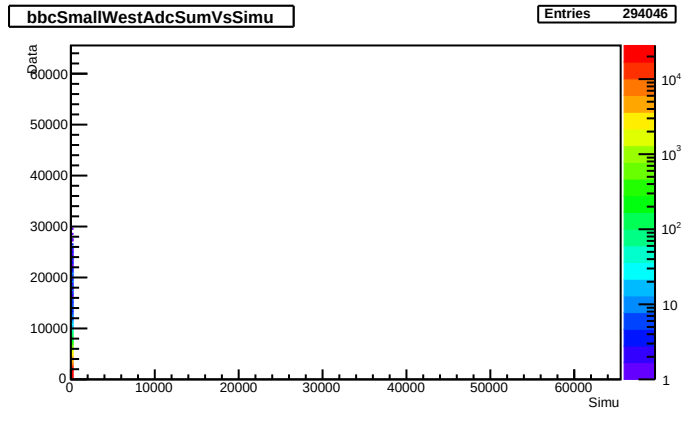
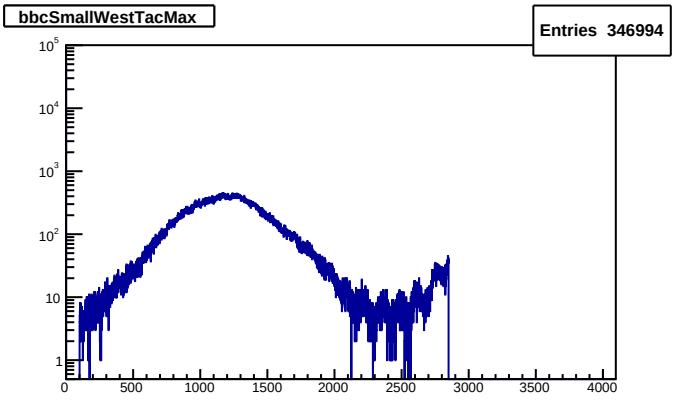
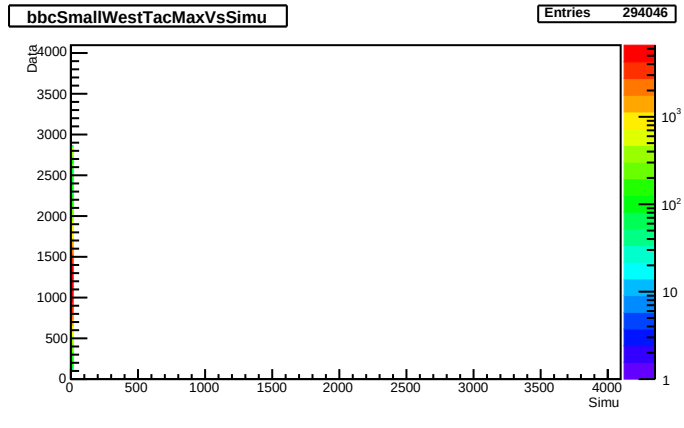
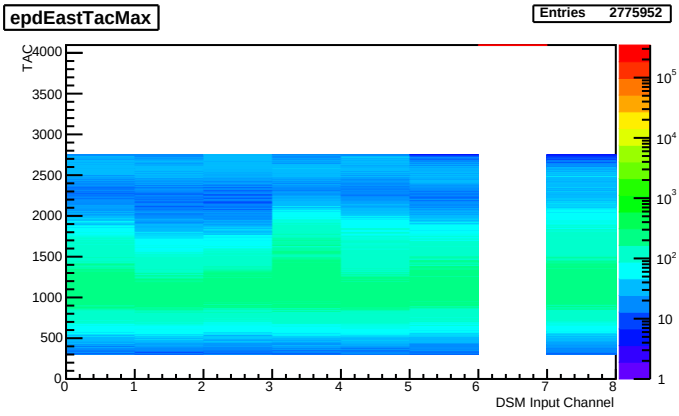
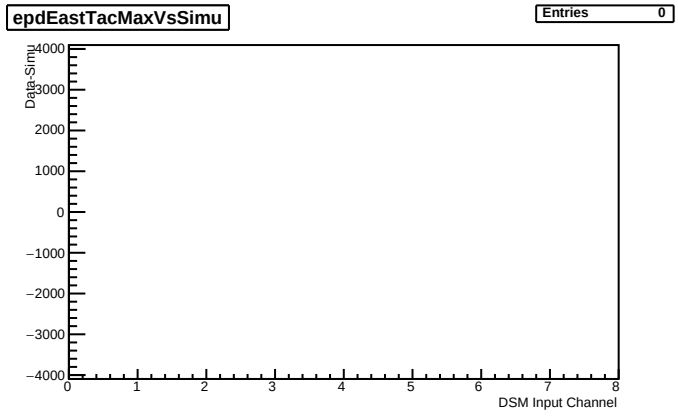

bbcSmallWestAdcSum
Entries 346994

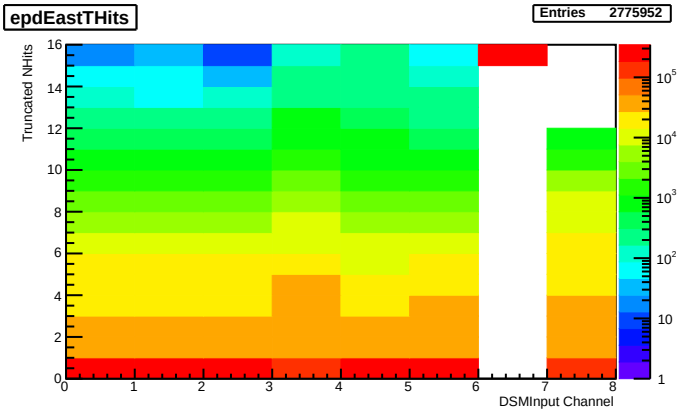

bbcSmallWestAdcSumVsSimu
Entries 294046
Data
Simu

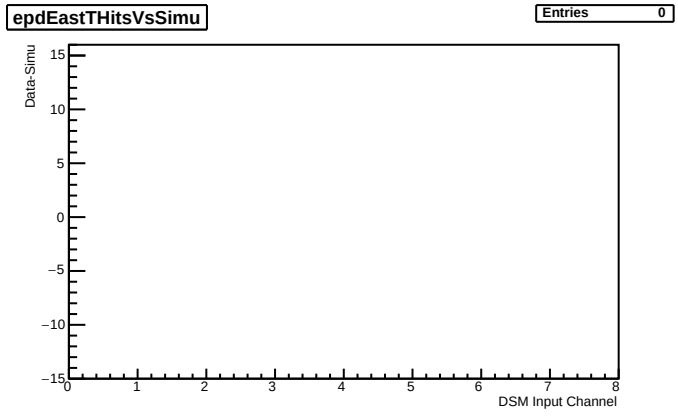

bbcSmallWestTacMax
Entries 346994

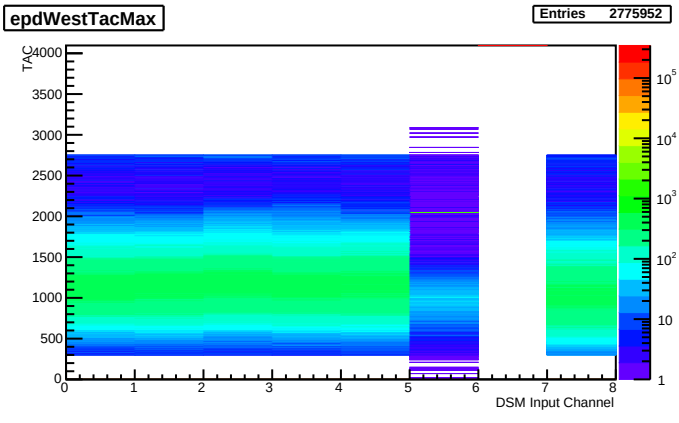

bbcSmallWestTacMaxVsSimu
Entries 294046
Data
Simu


epdEastTacMax
Entries 2775952
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2775952
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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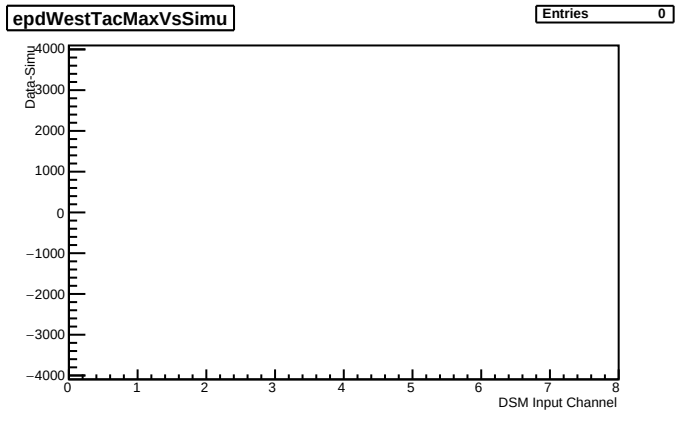
Entries 2775952
TAC
DSM Input Channel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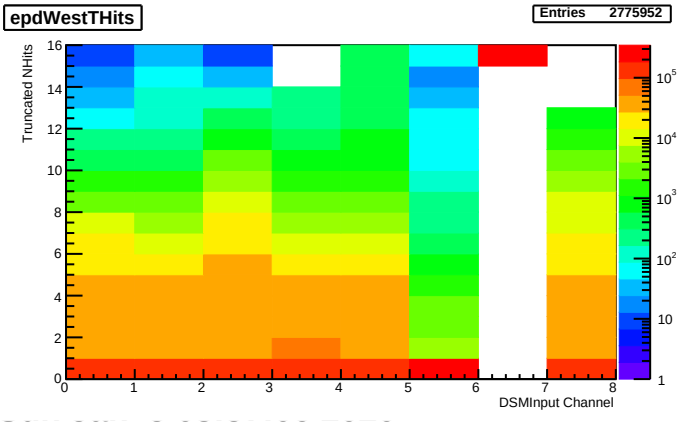
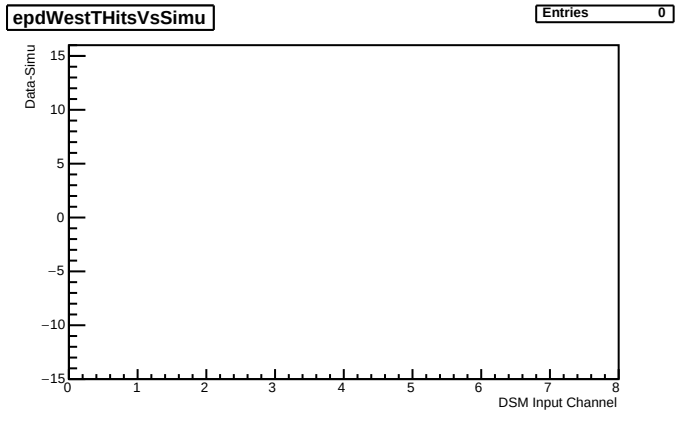
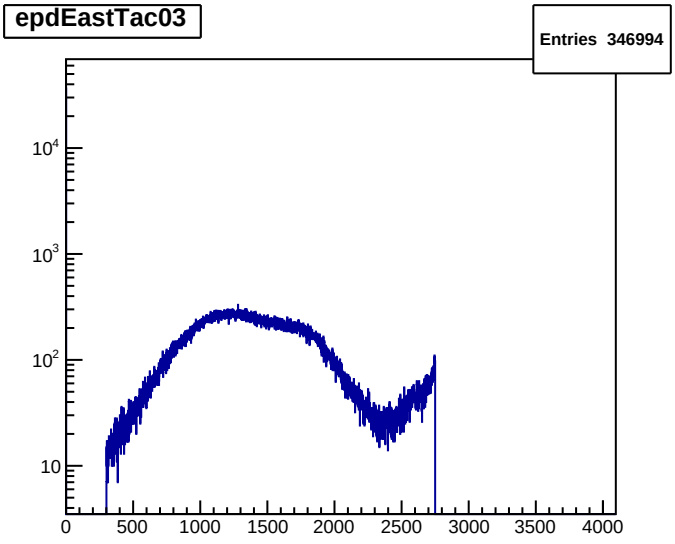
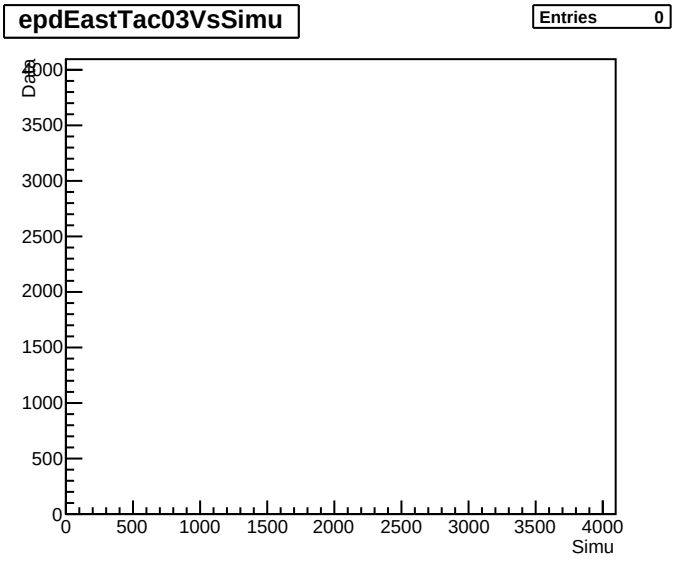
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2775952
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 346994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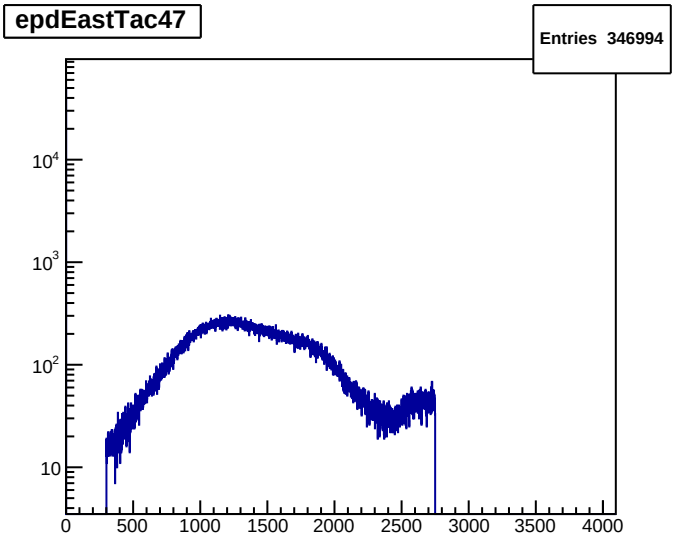
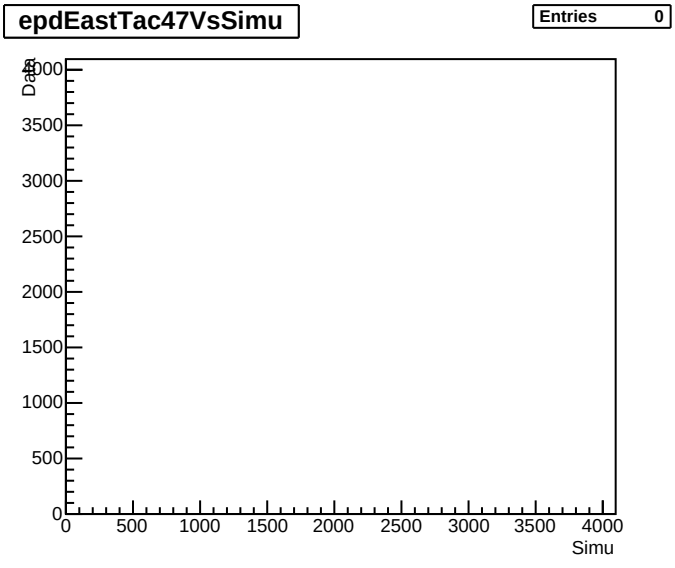
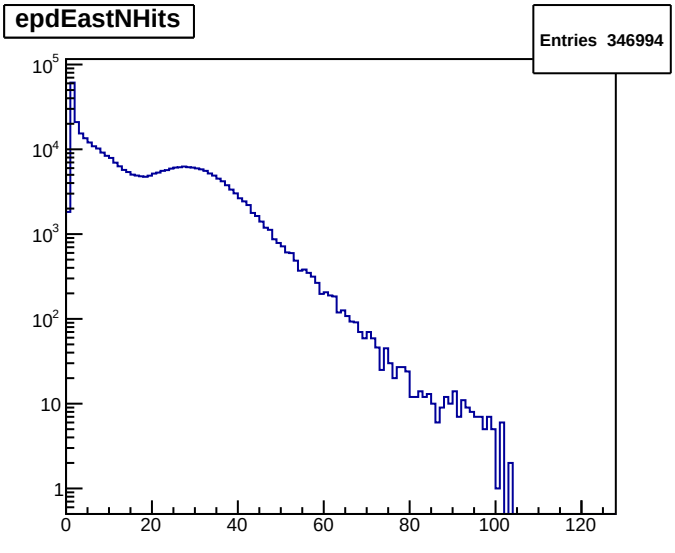
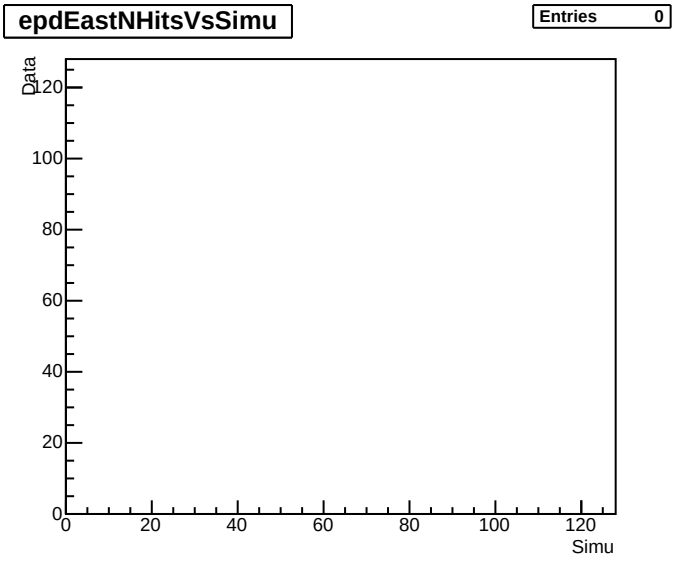
Entries 0
Data
Simu


epdEastTac47
Entries 346994


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 346994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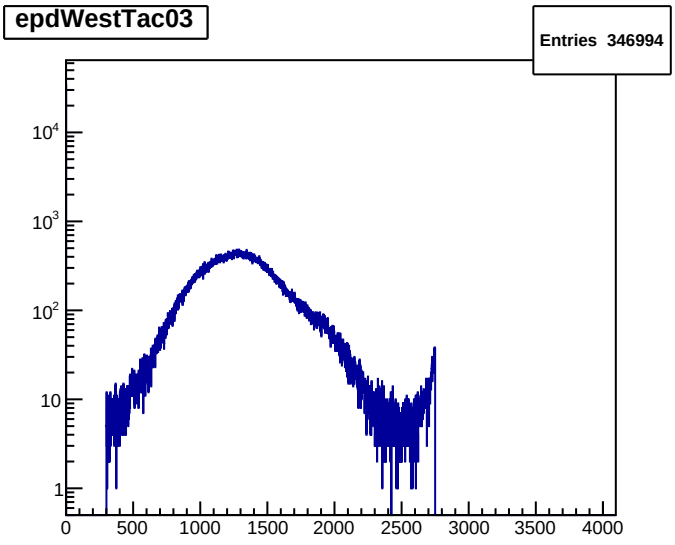
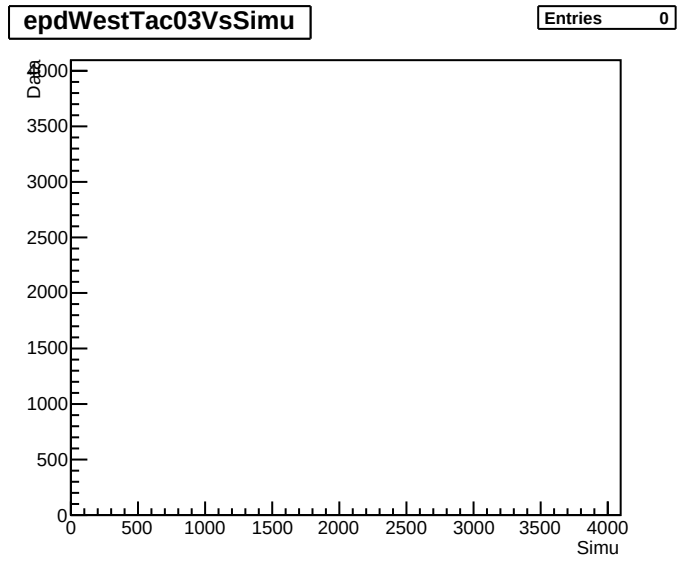
Entries 0
Data
Simu


epdWestTac03
Entries 346994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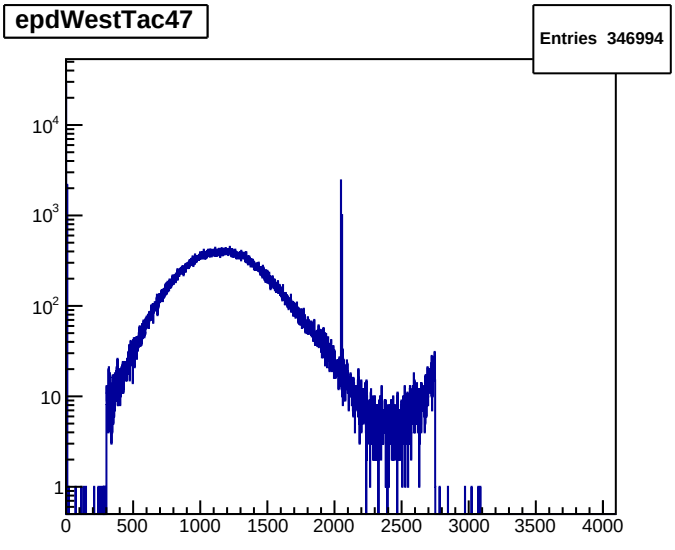
Entries 0
Data
Simu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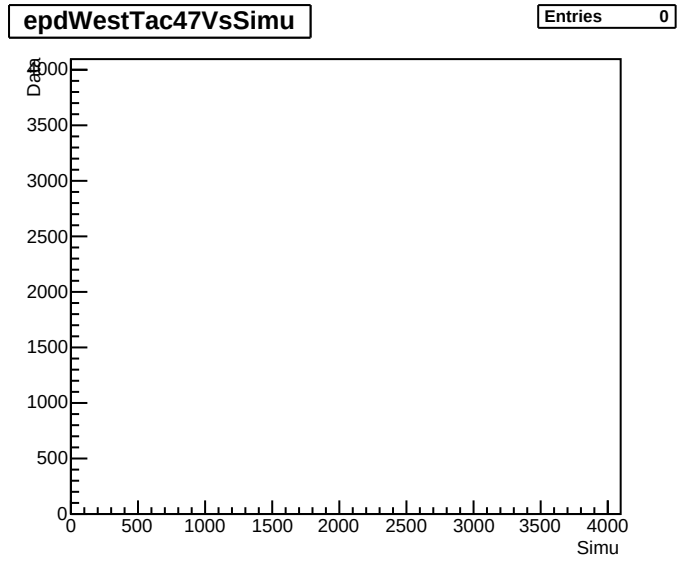
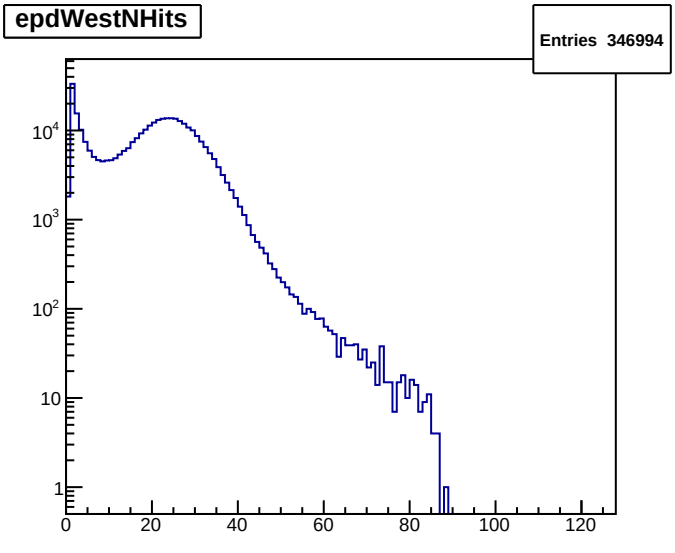
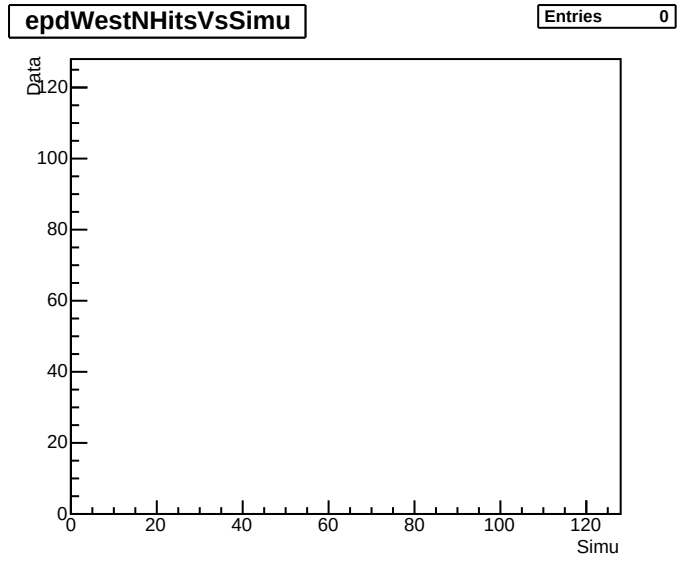
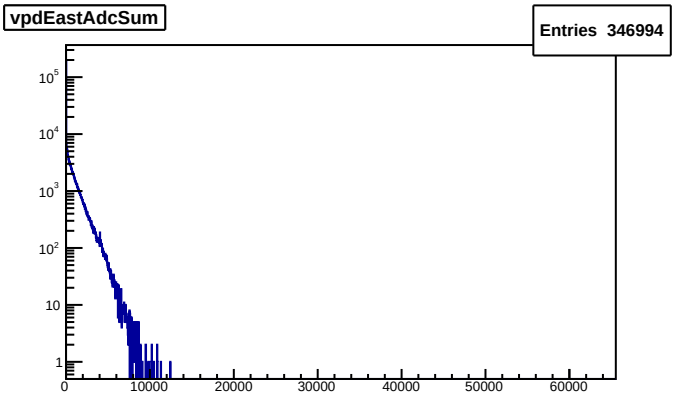
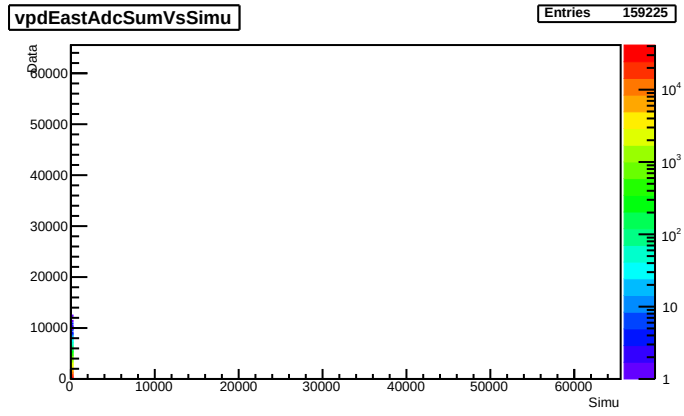
Entries 346994

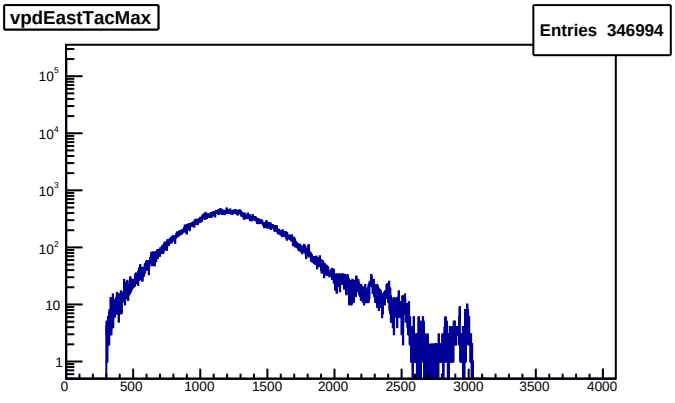

epdWestTac47VsSimu
Entries 0
Data
Simu

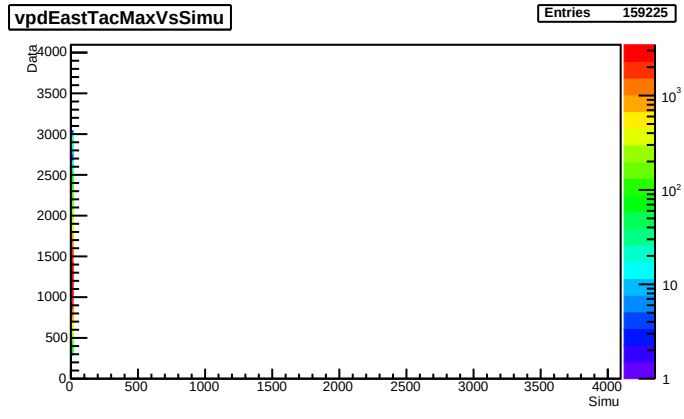

epdWestNHits
Entries 346994

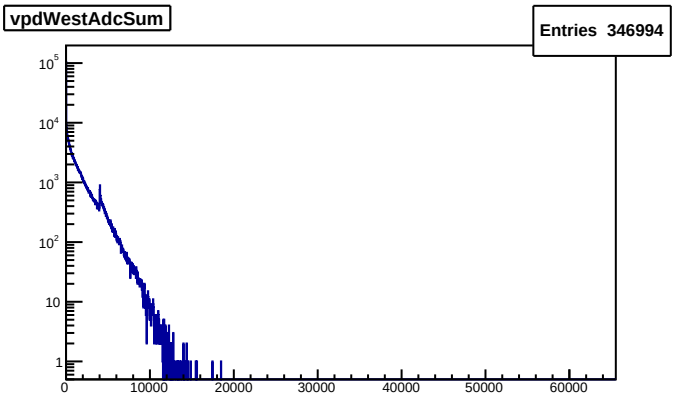

epdWestNHitsVsSimu
Entries 0
Data
Simu

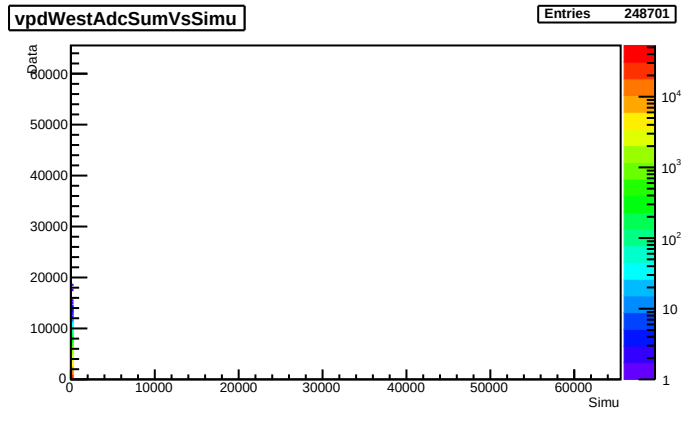

vpdEastAdcSum
Entries 346994

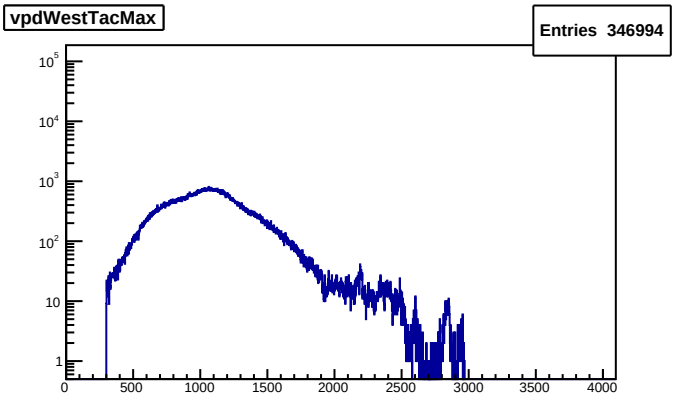

vpdEastAdcSumVsSimu
Entries 159225
Data
Simu

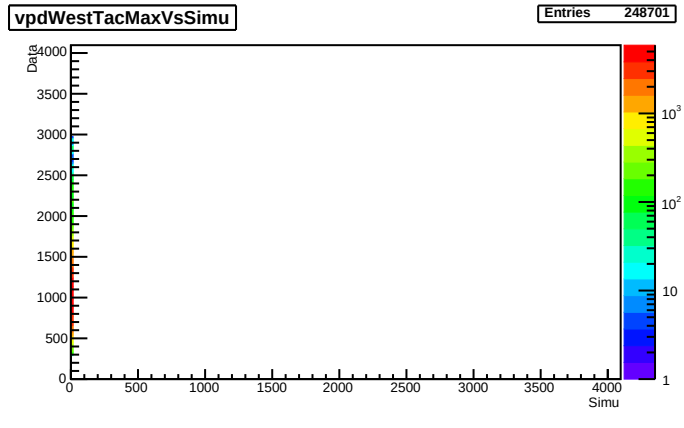

vpdEastTacMax
Entries 346994

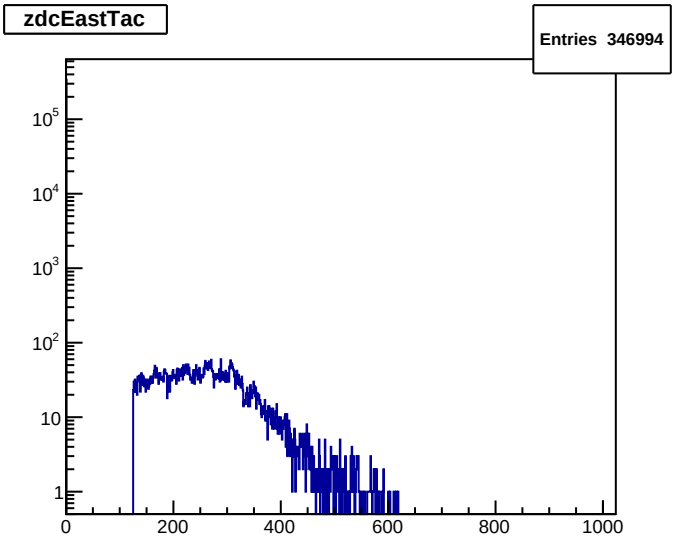

vpdEastTacMaxVsSimu
Entries 159225
Data
Simu

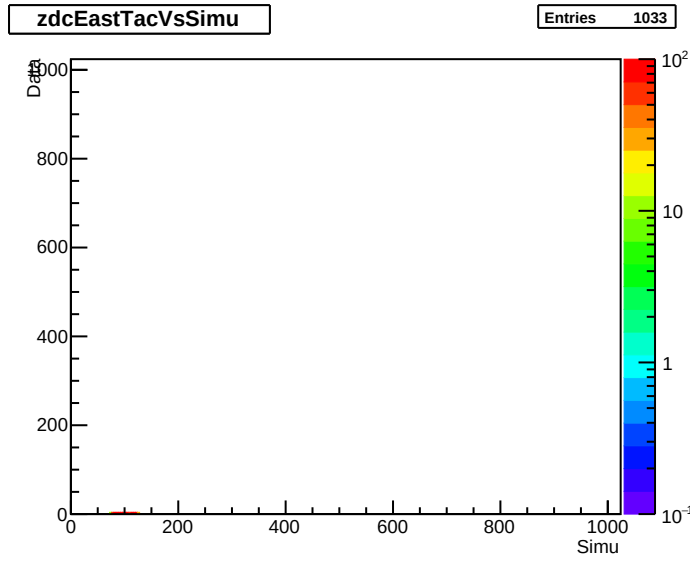

vpdWestAdcSum
Entries 346994

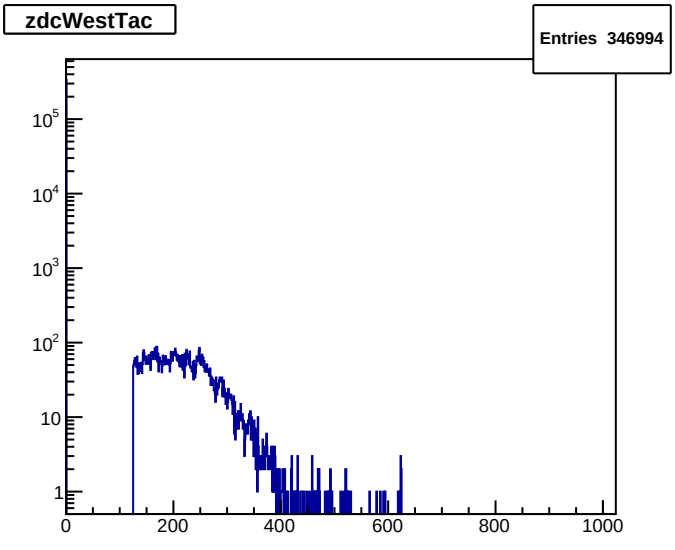

vpdWestAdcSumVsSimu
Entries 248701
Data
Simu

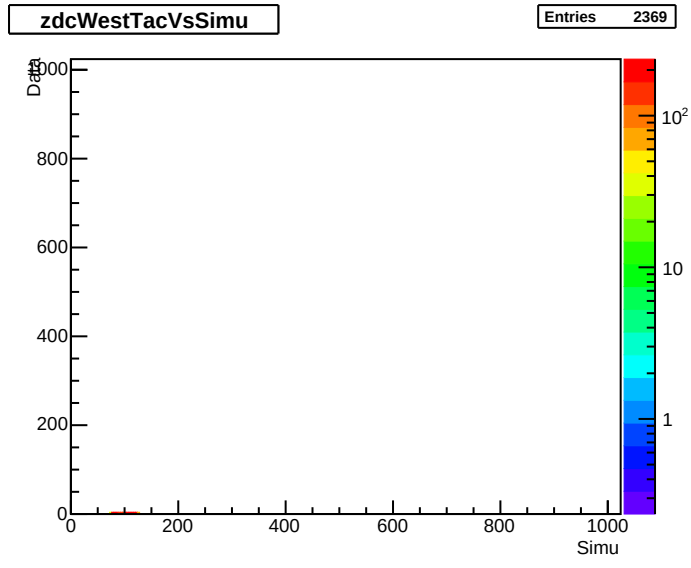

vpdWestTacMax
Entries 346994

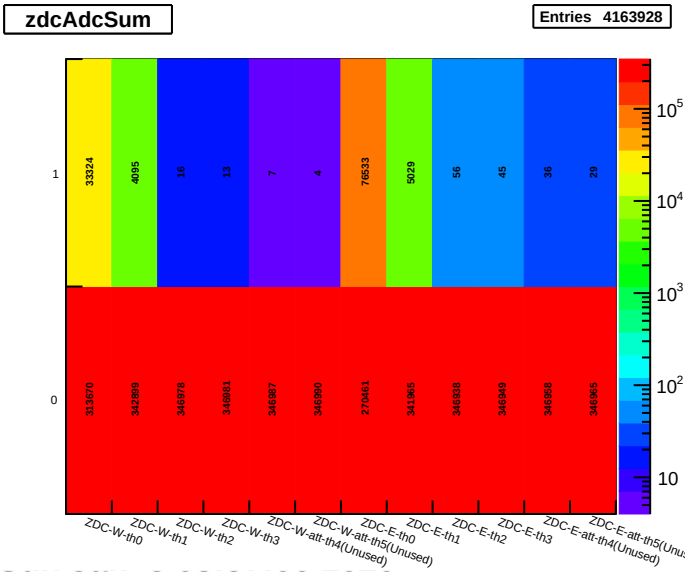

vpdWestTacMaxVsSimu
Entries 248701
Data
Simu

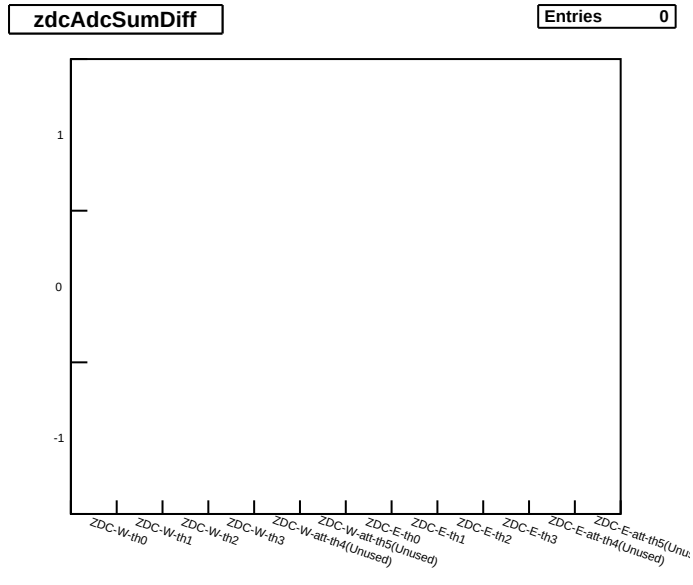

zdcEastTac
Entries 346994

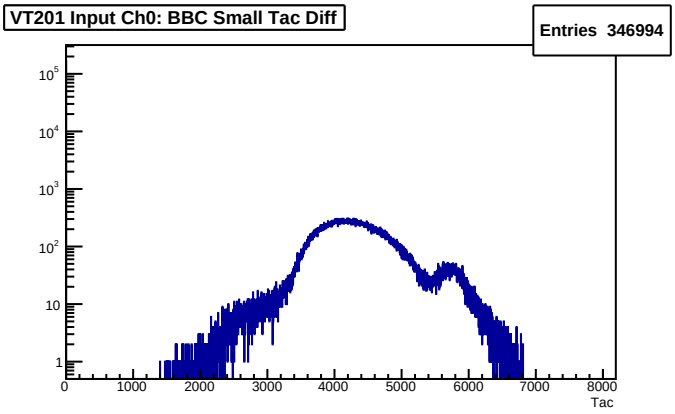

zdcEastTacVsSimu
Entries 1033
Data
Simu

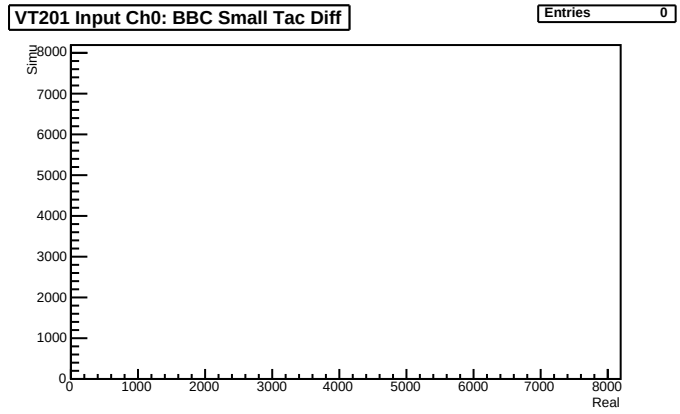

zdcWestTac
Entries 346994

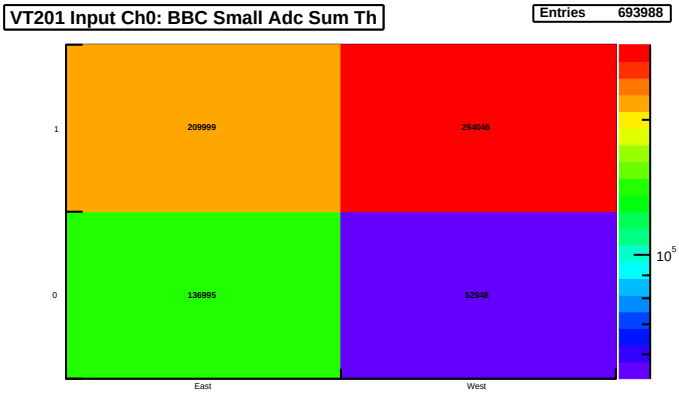

zdcWestTacVsSimu
Entries 2369
Data
Simu

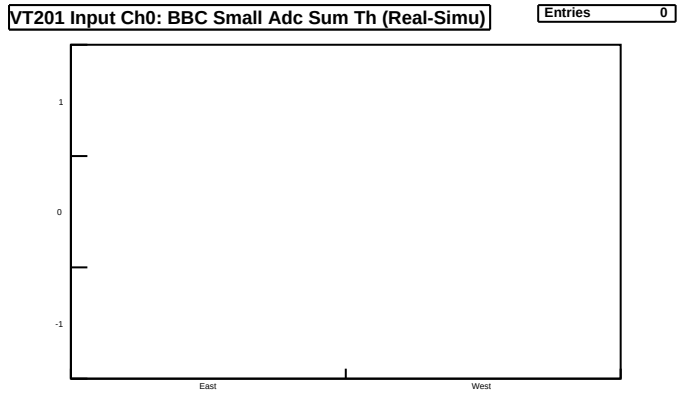

zdcAdcSum
Entries 4163928
33324
4095
16
13
7
4
76533
5029
56
45
36
29
313670
342899
346978
346981
346987
346990
270461
341965
346938
346949
346958
346965
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

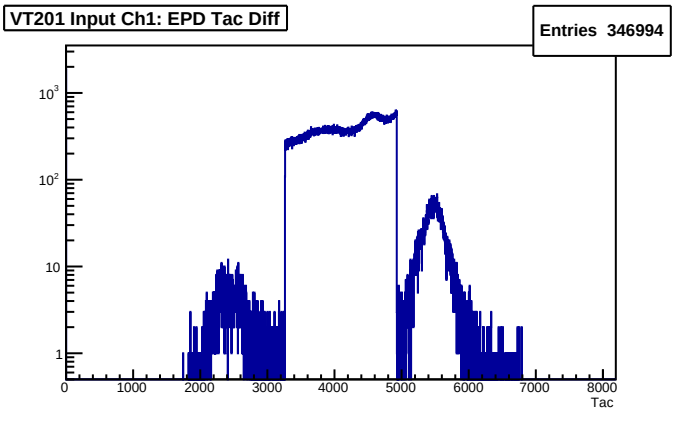

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

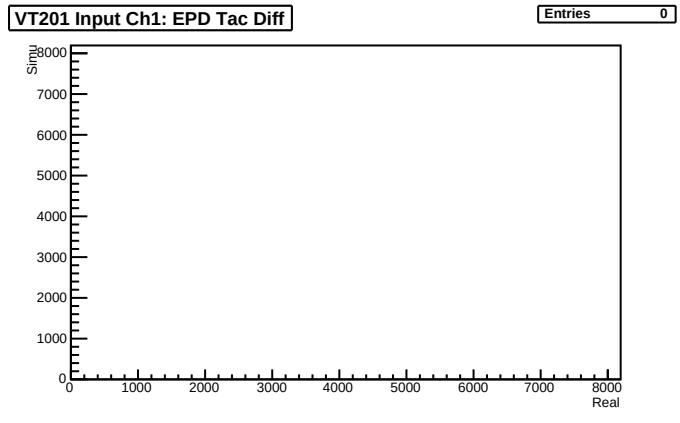

VT201 Input Ch0: BBC Small Tac Diff
Entries 346994
Tac

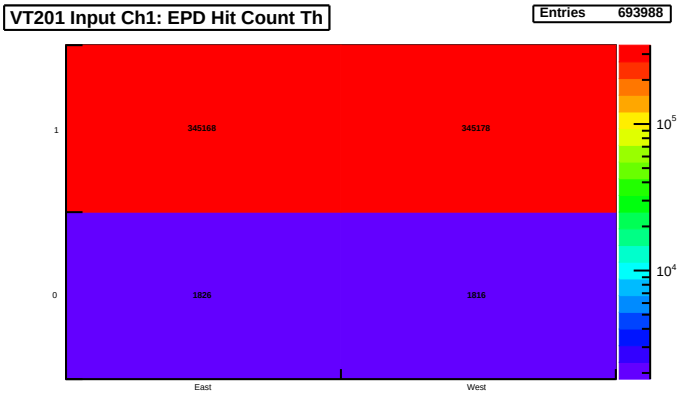

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

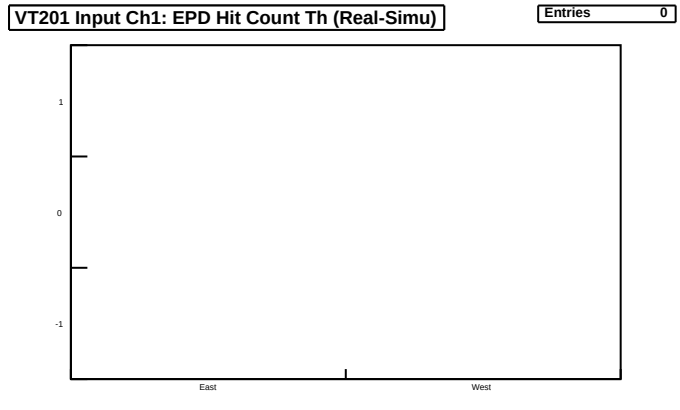

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 693988
209999
294046
136995
52948
East
West

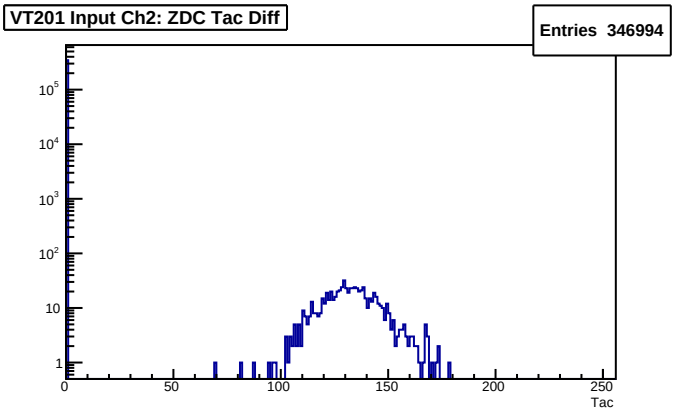

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

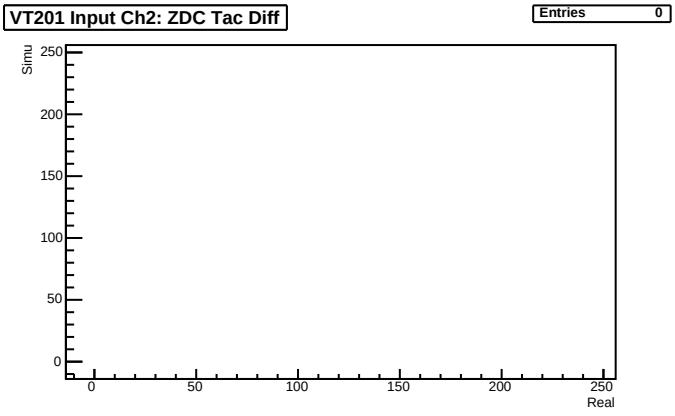

VT201 Input Ch1: EPD Tac Diff
Entries 346994
Tac

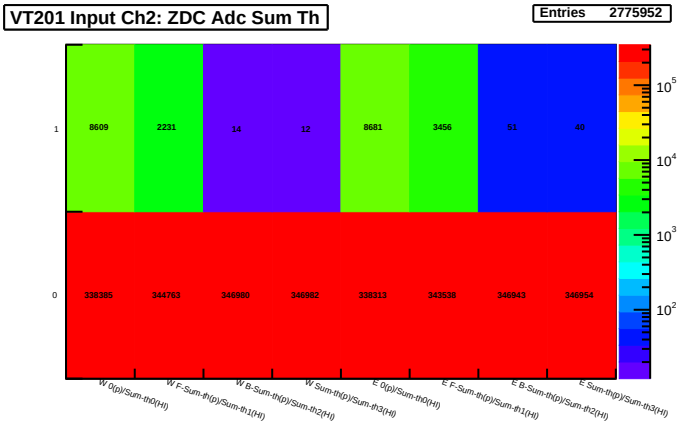

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

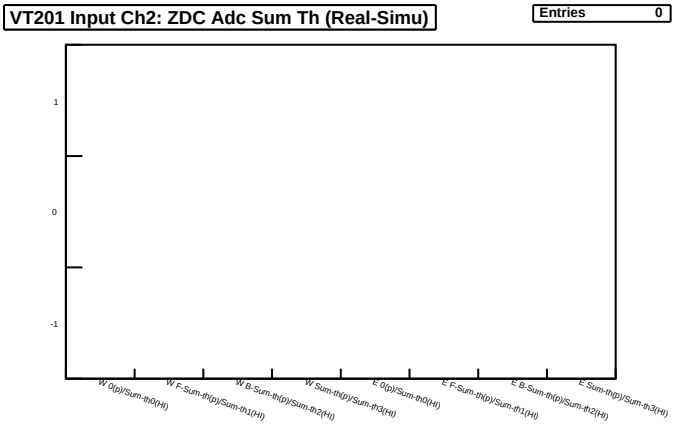

VT201 Input Ch1: EPD Hit Count Th
Entries 693988
345168
345178
1826
1816
East
West

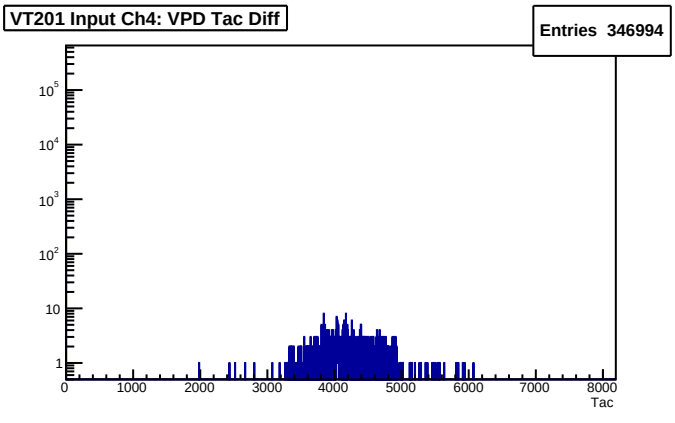

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

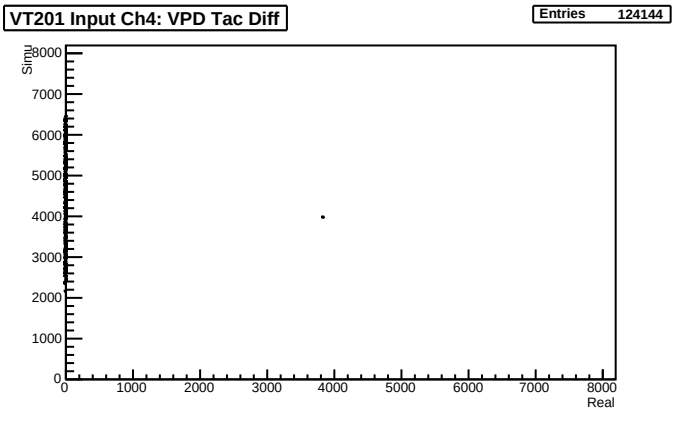

VT201 Input Ch2: ZDC Tac Diff
Entries 346994
Tac

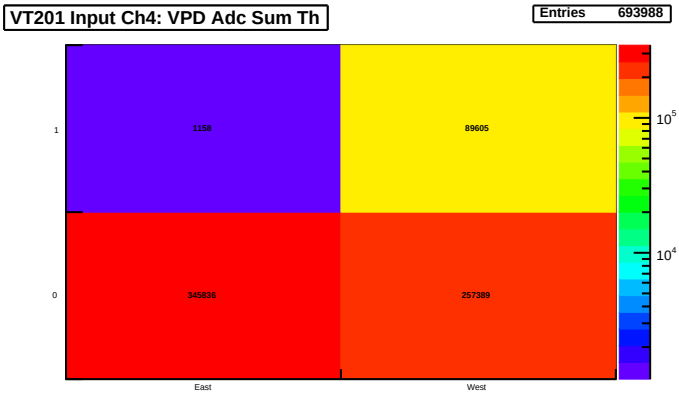

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

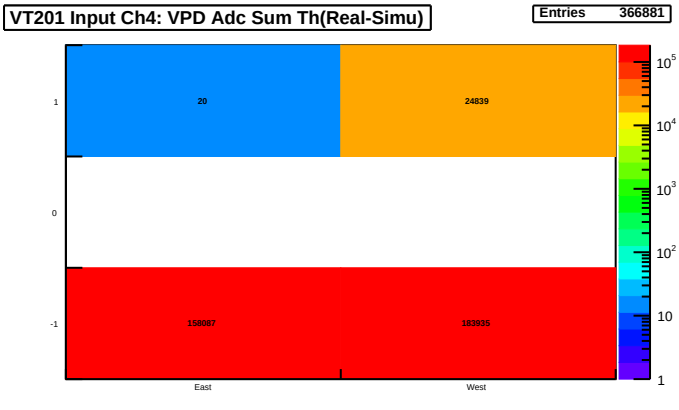

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2775952
8609
2231
14
12
8681
3456
51
40
338385
344763
346980
346982
338313
343538
346943
346954
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

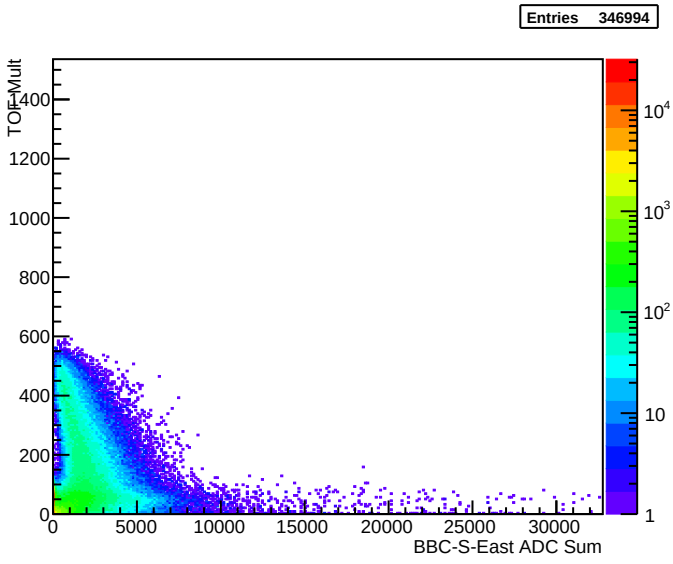

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

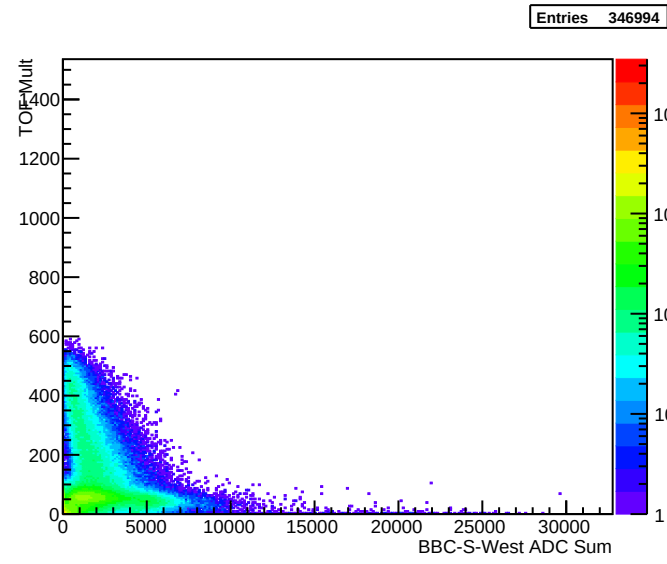

VT201 Input Ch4: VPD Tac Diff
Entries 346994
Tac

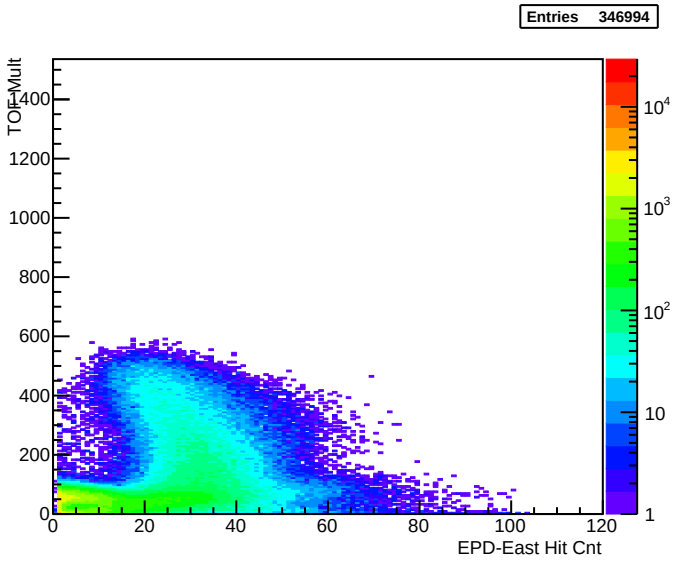

VT201 Input Ch4: VPD Tac Diff
Entries 124144
Simu
Real

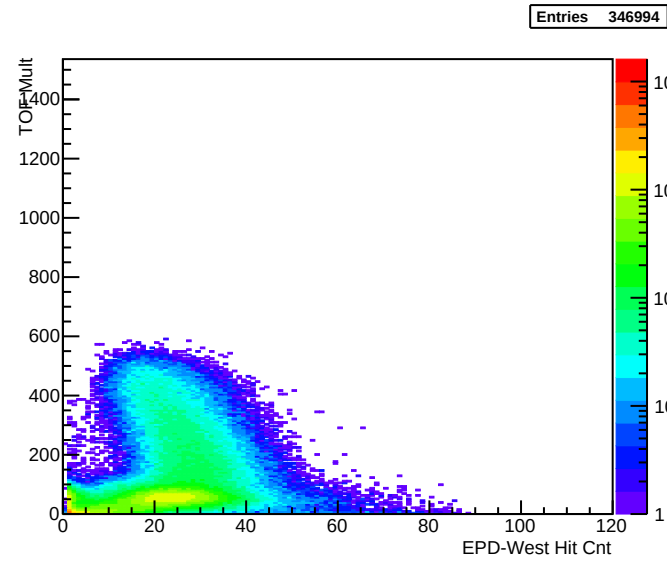

VT201 Input Ch4: VPD Adc Sum Th
Entries 693988
1158
89605
345836
257389
East
West

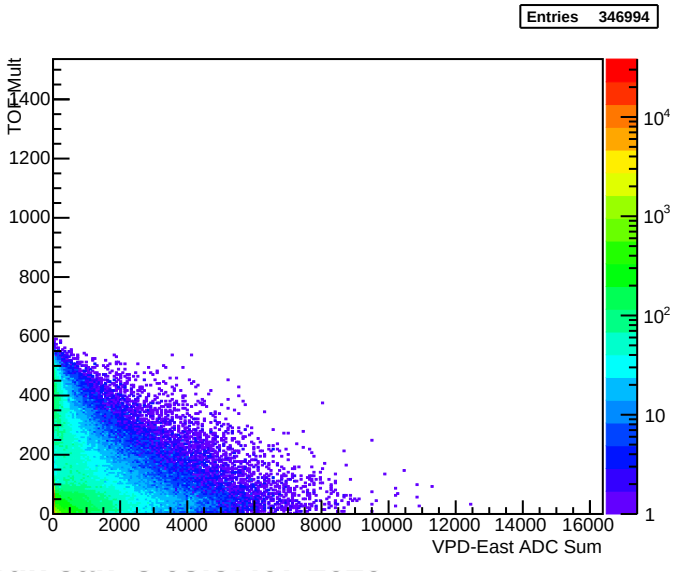

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 366881
20
24839
158087
183935
East
West

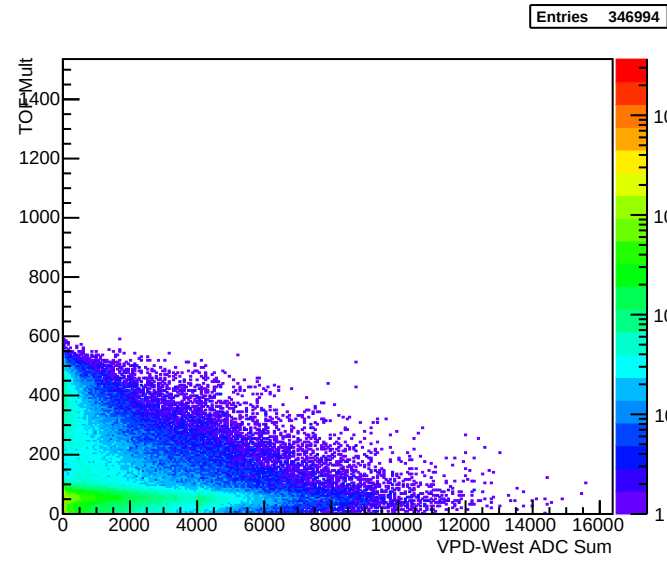

Entries 346994
TOF-Mult
BBC-S-East ADC Sum

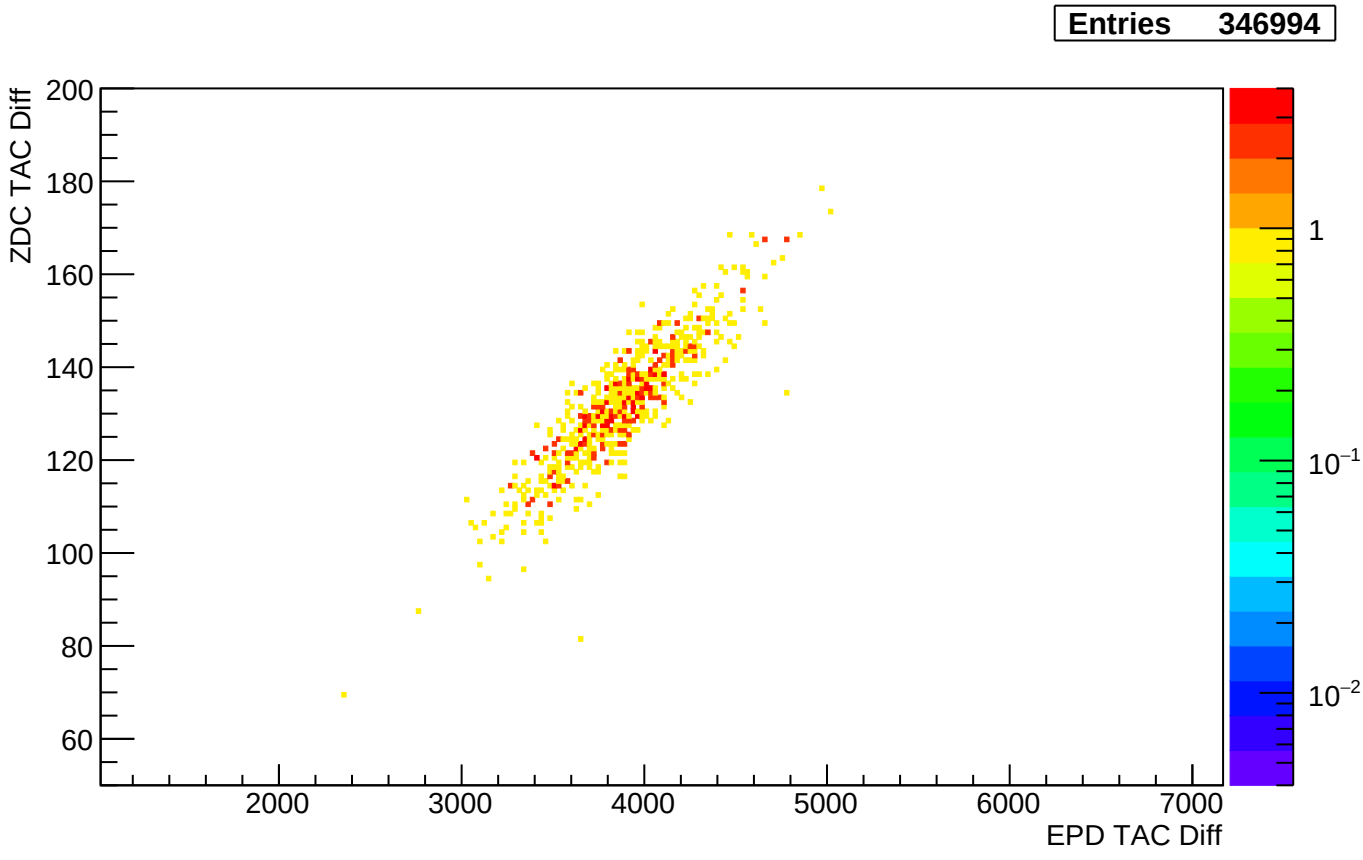

Entries 346994
TOF-Mult
BBC-S-West ADC Sum

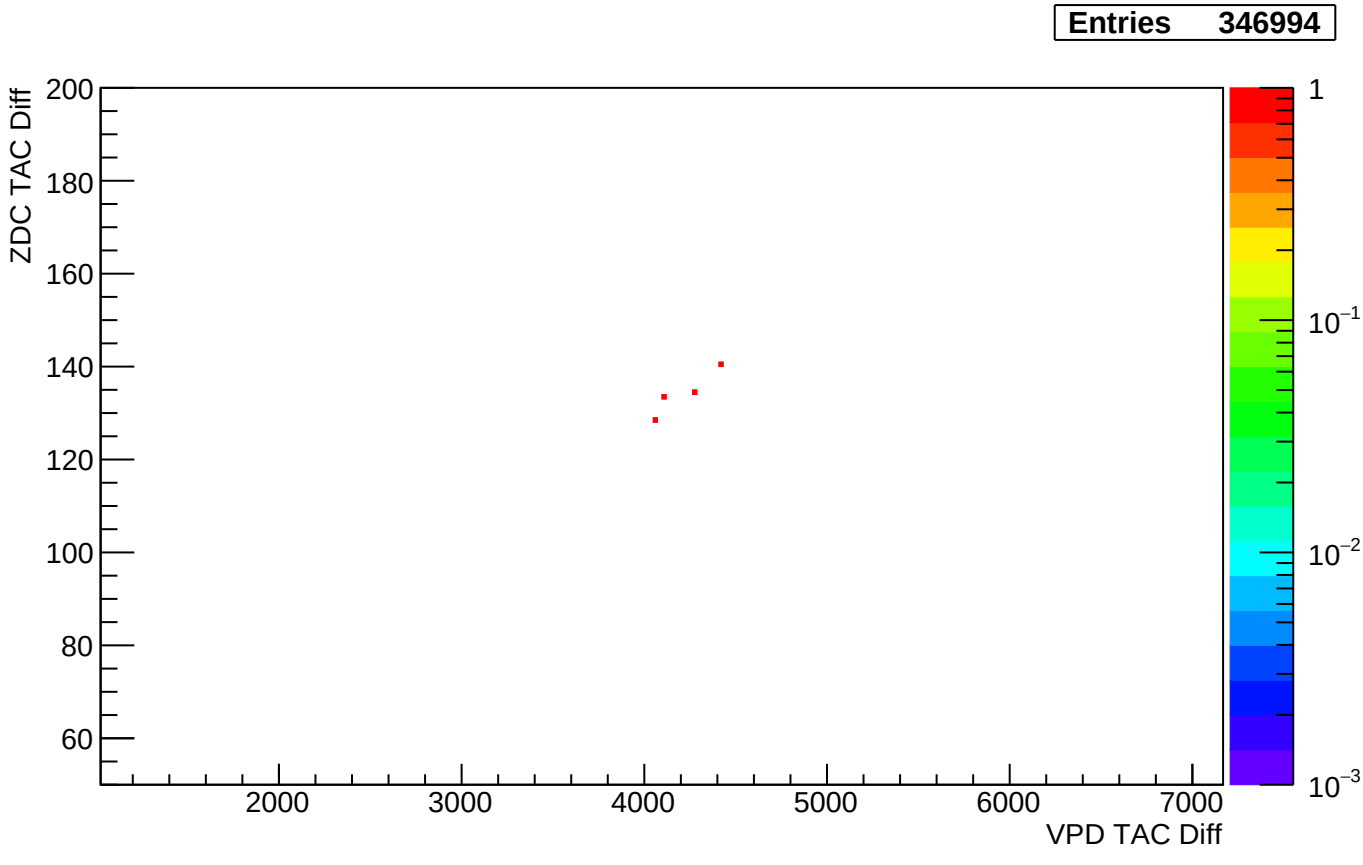

Entries 346994
TOF-Mult
EPD-East Hit Cnt

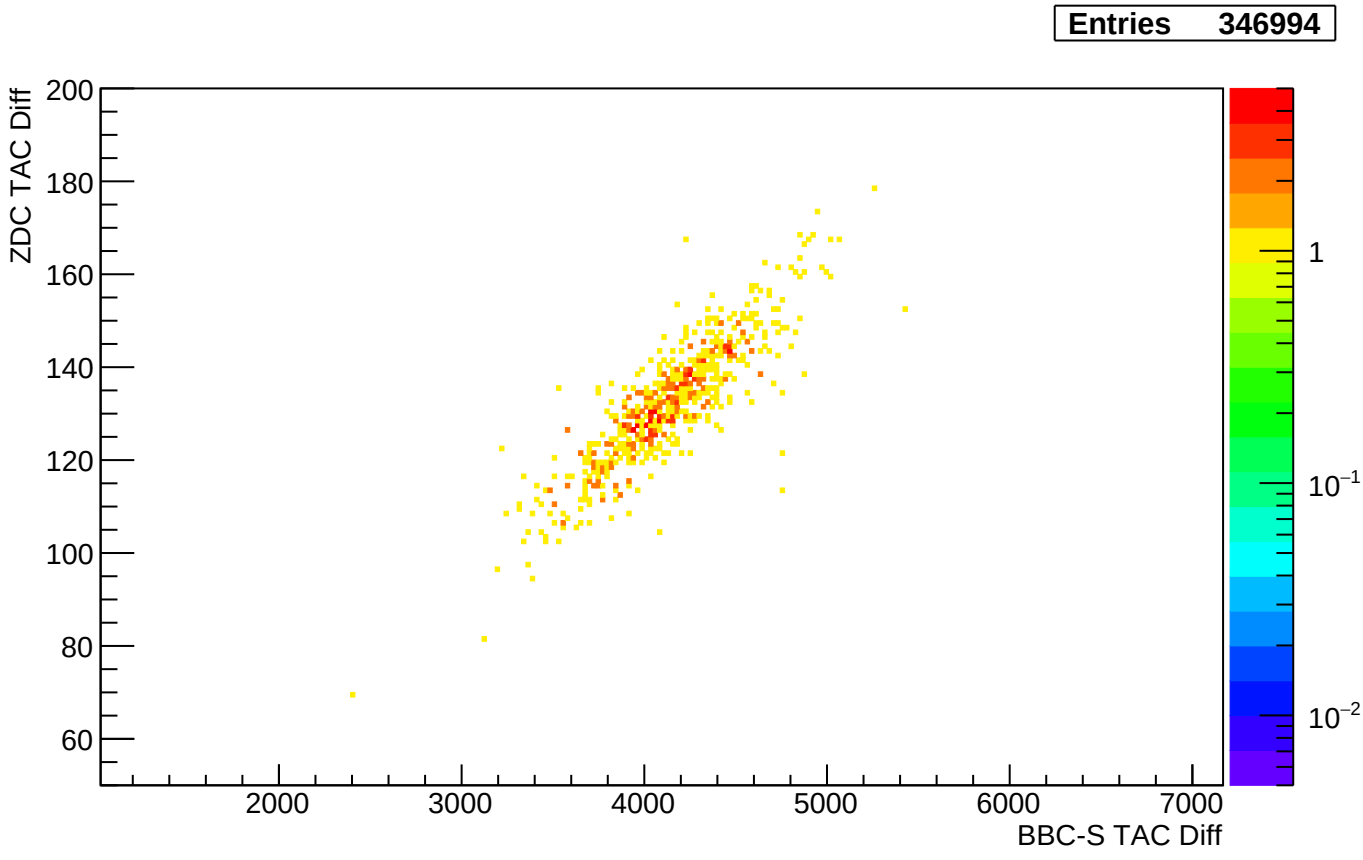

Entries 346994
TOF-Mult
EPD-West Hit Cnt

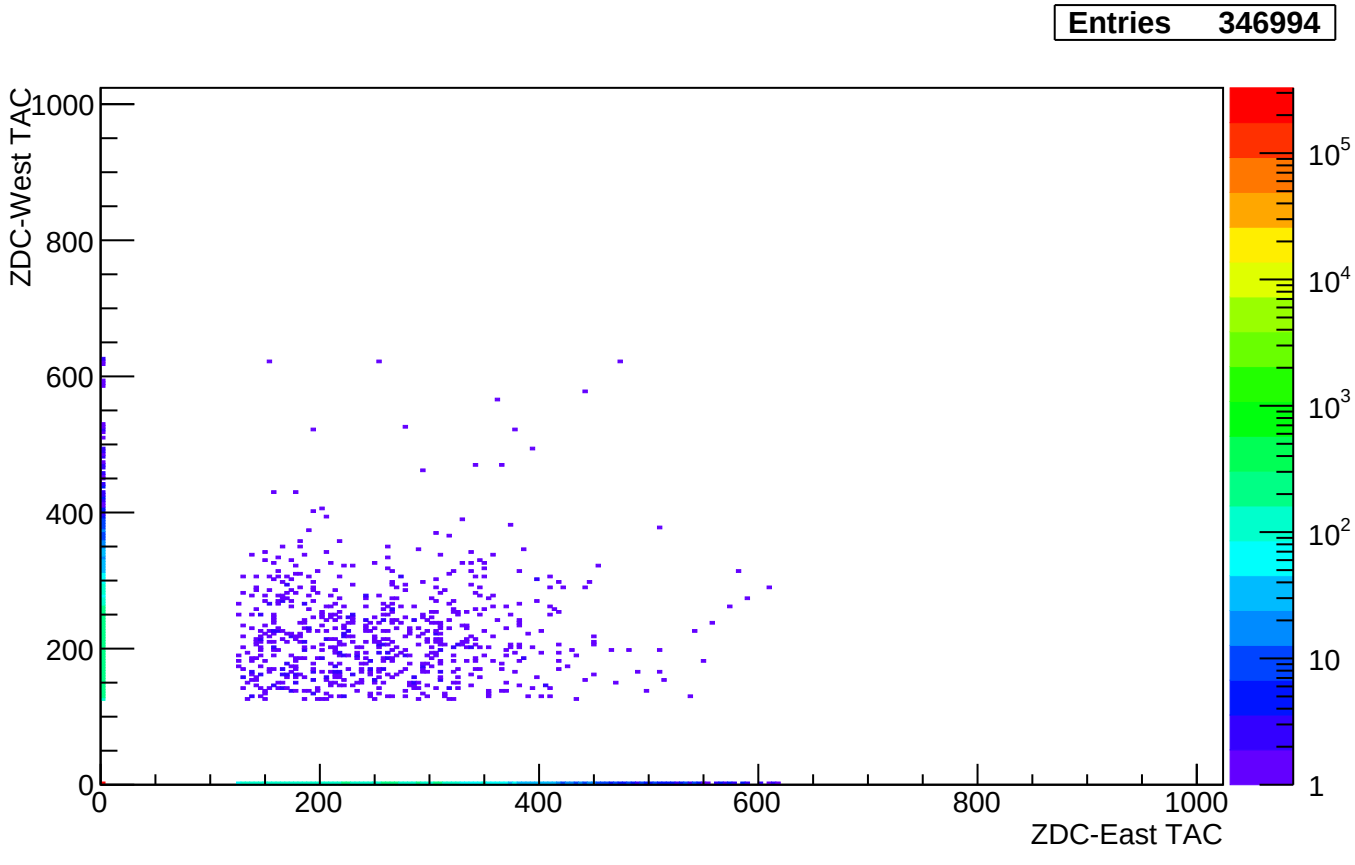

Entries 346994
TOF-Mult
VPD-East ADC Sum

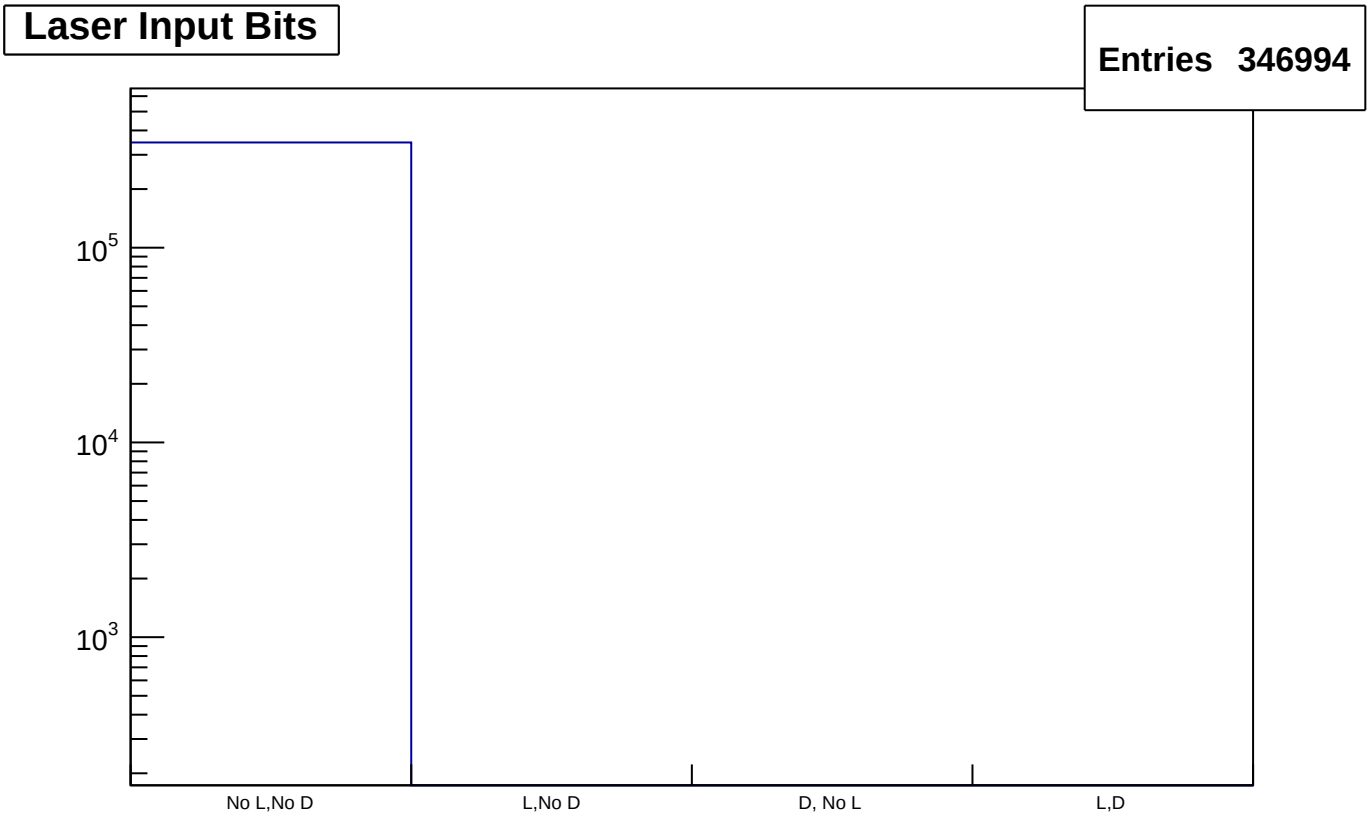

Entries 346994
TOF-Mult
VPD-West ADC Sum

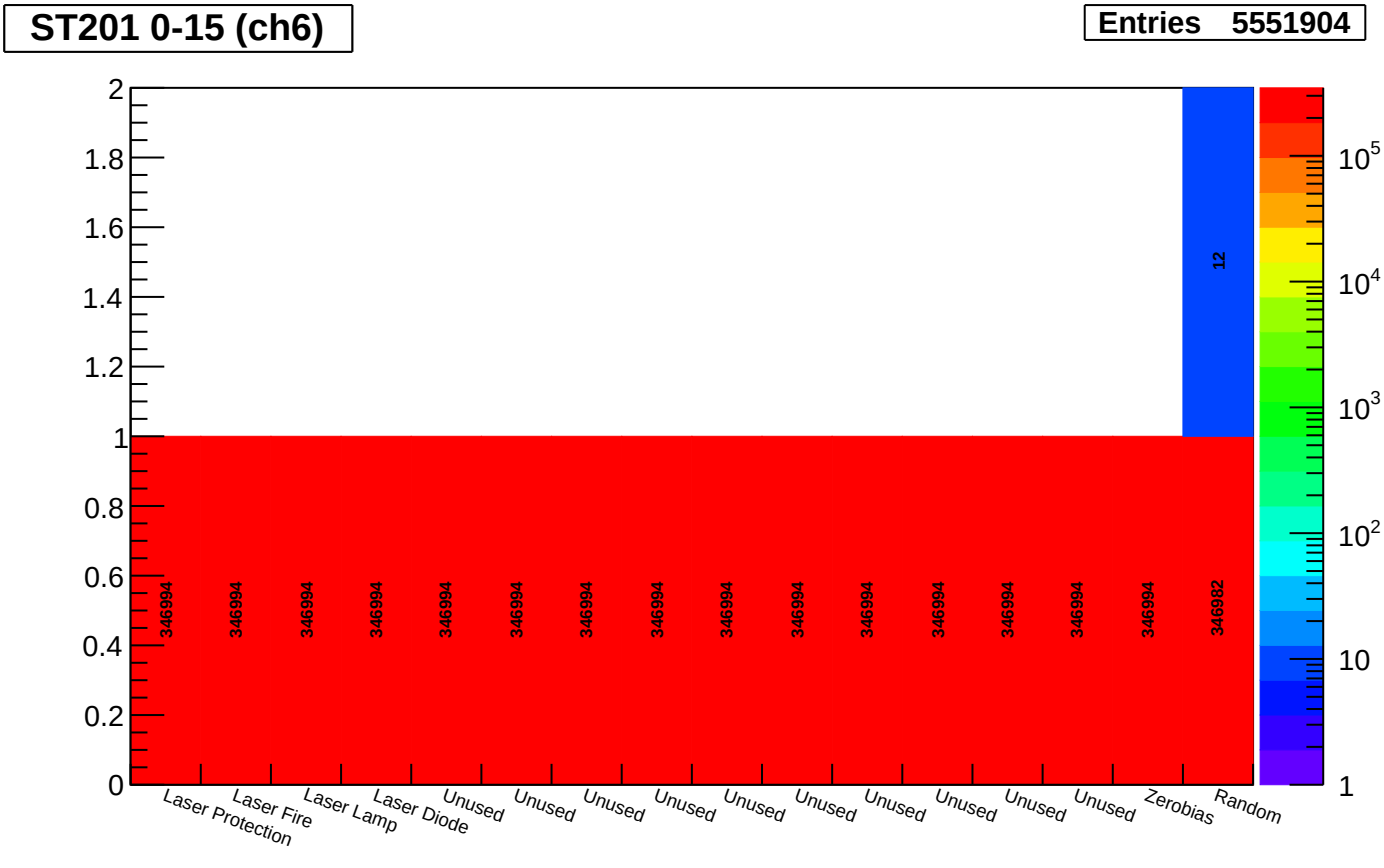

Entries 346994
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

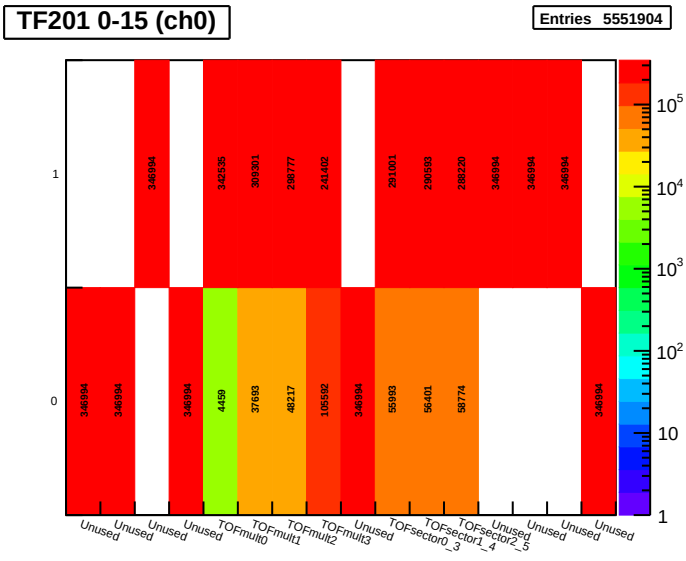

Entries 346994
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

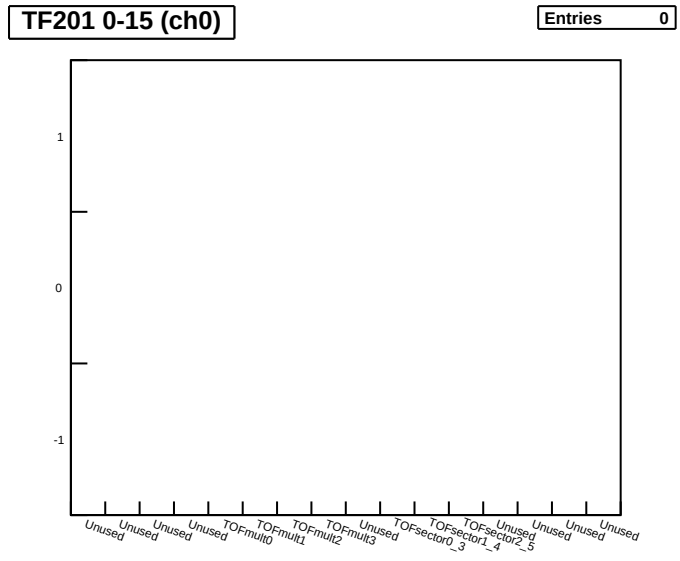

Entries 346994
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

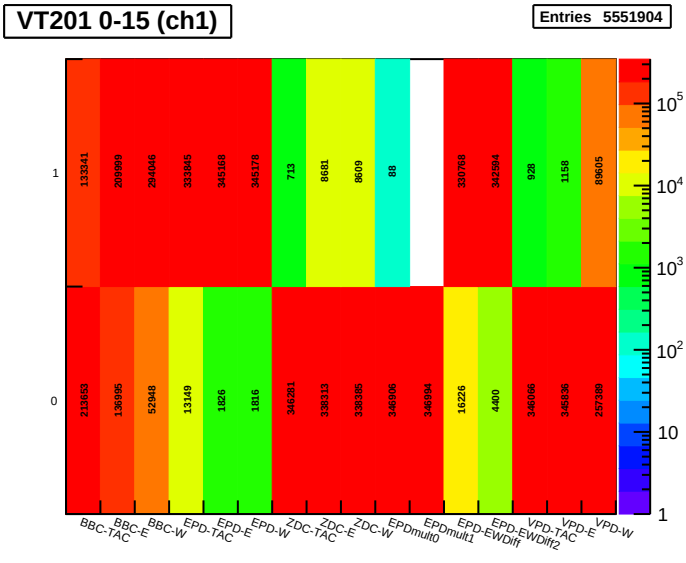

Entries 346994
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

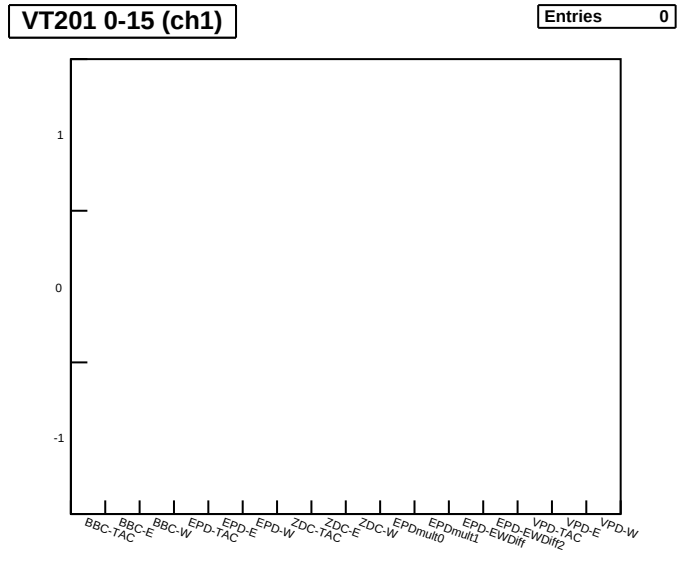

Laser Input Bits
Entries 346994
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

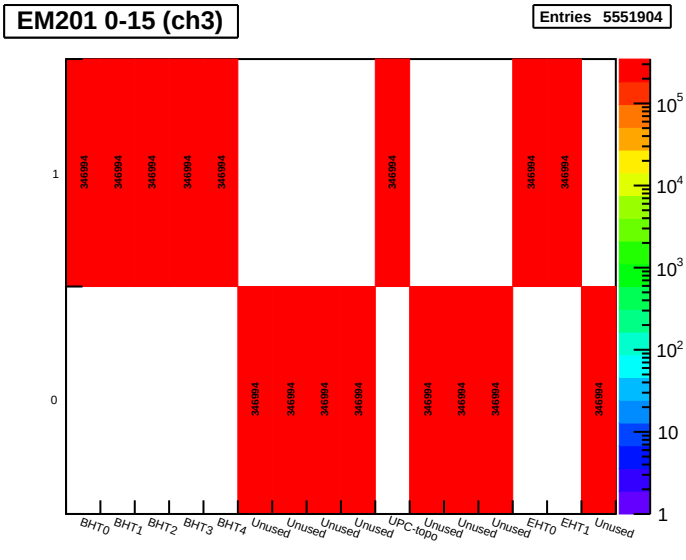

ST201 0-15 (ch6)
Entries 5551904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
346994
346982
12
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

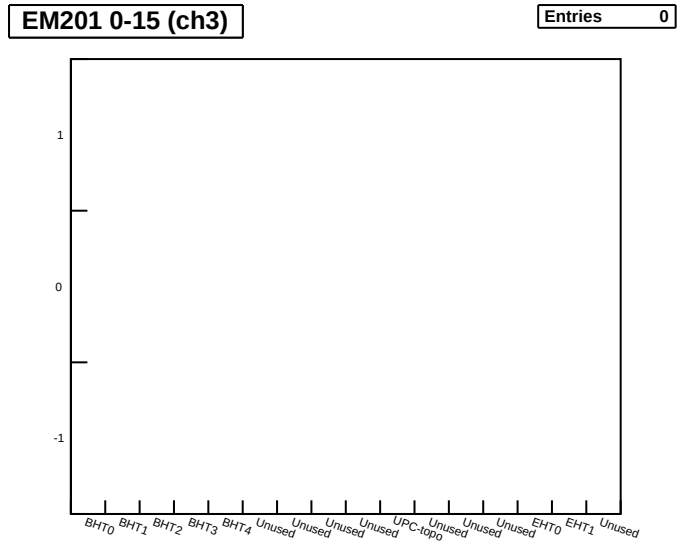

TF201 0-15 (ch0)
Entries 5551904
1
0
346994 342535 309301 298777 241402 291001 290593 288220 346994 346994 346994
346994 346994 346994 4459 37693 48217 105592 346994 55993 56401 58774 346994
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 5551904
1
0
133341 209999 294046 333845 345168 345178 713 8681 8609 88 330768 342594 928 1158 89605
213653 136995 52948 13149 1826 1816 346281 338313 338385 346906 346994 16226 4400 346066 345836 257389
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 5551904
1
0
346994 346994 346994 346994 346994 346994 346994 346994
346994 346994 346994 346994 346994 346994 346994 346994
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