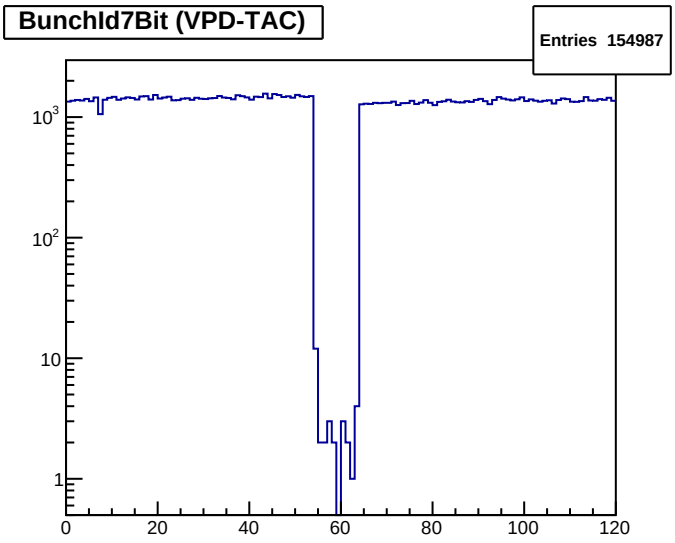
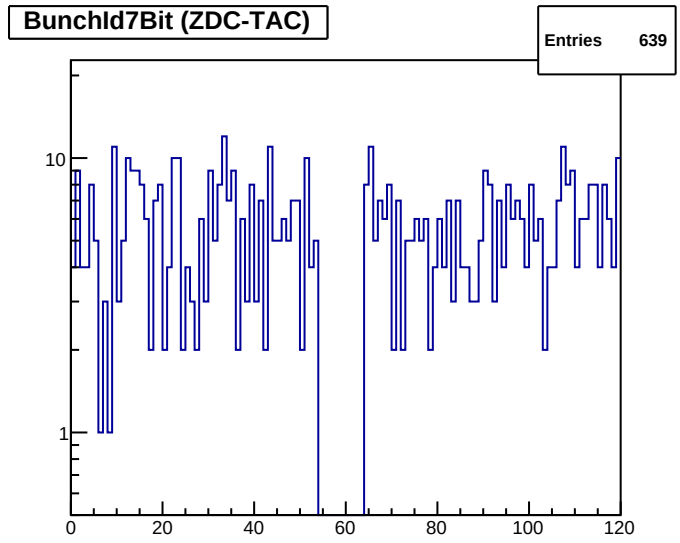
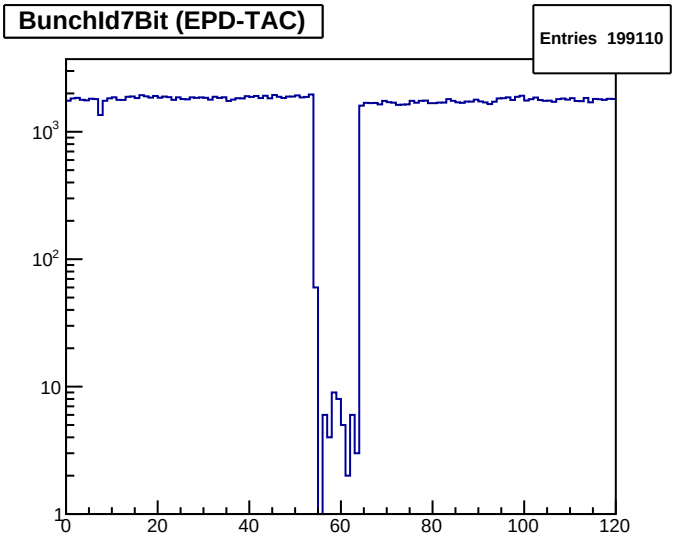
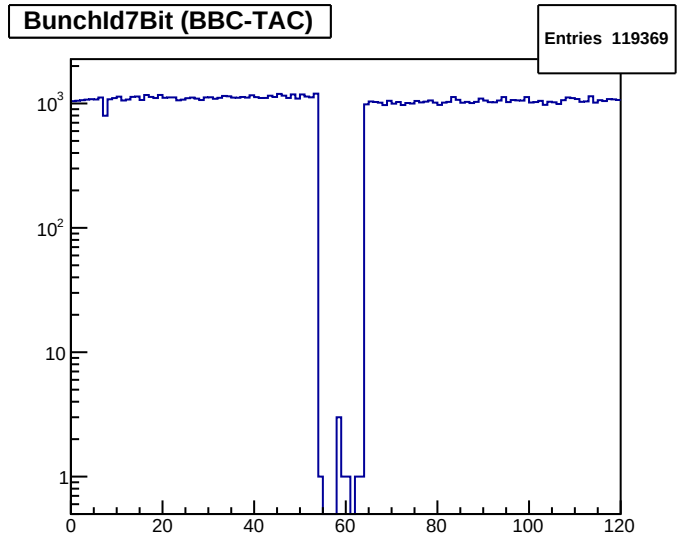
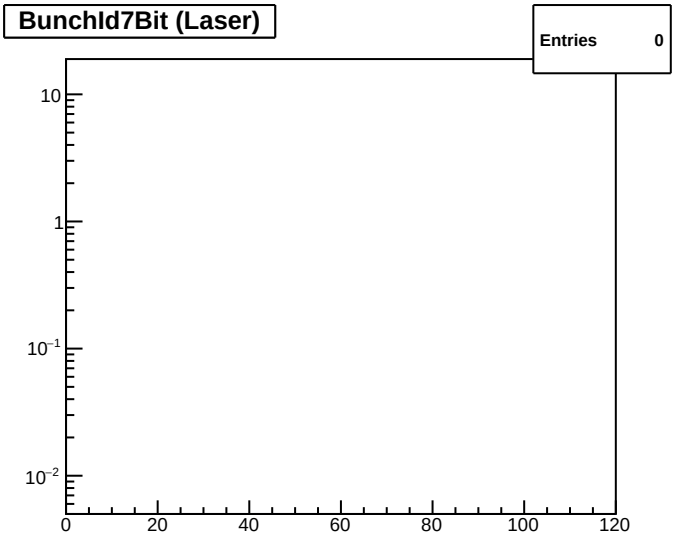
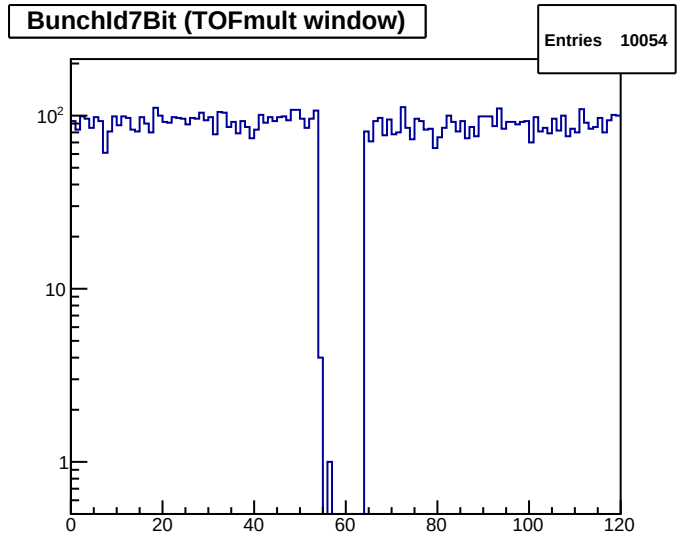

BunchId7Bit (VPD-TAC)
Entries 154987

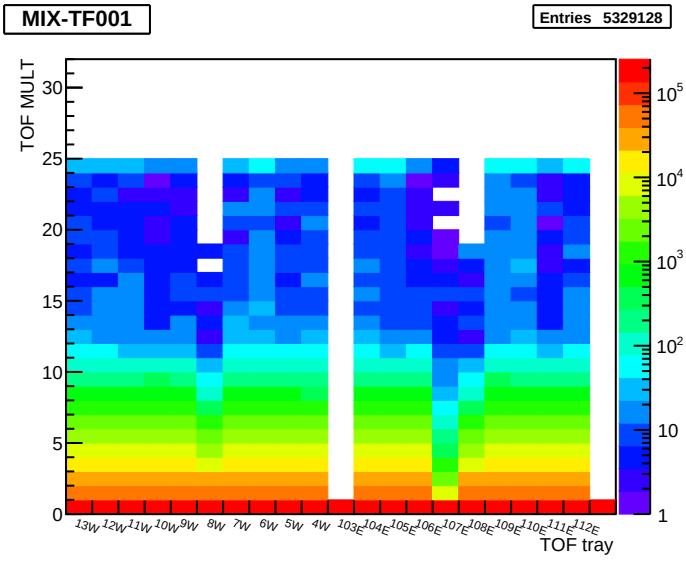

BunchId7Bit (ZDC-TAC)
Entries 639

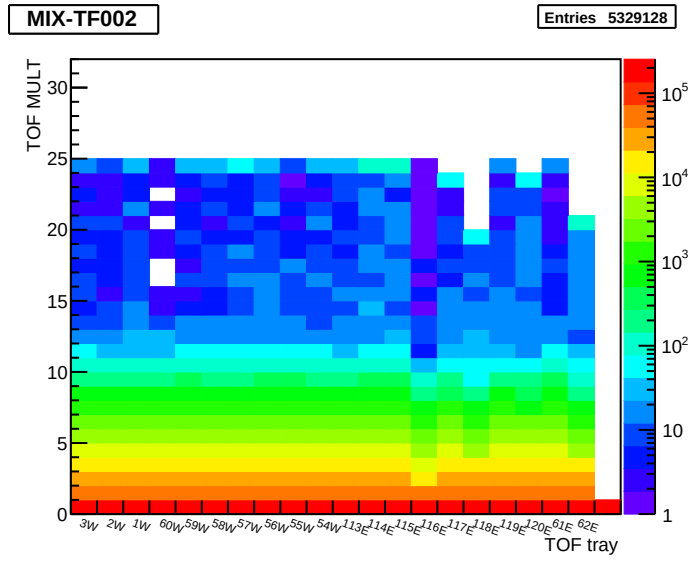

BunchId7Bit (EPD-TAC)
Entries 199110

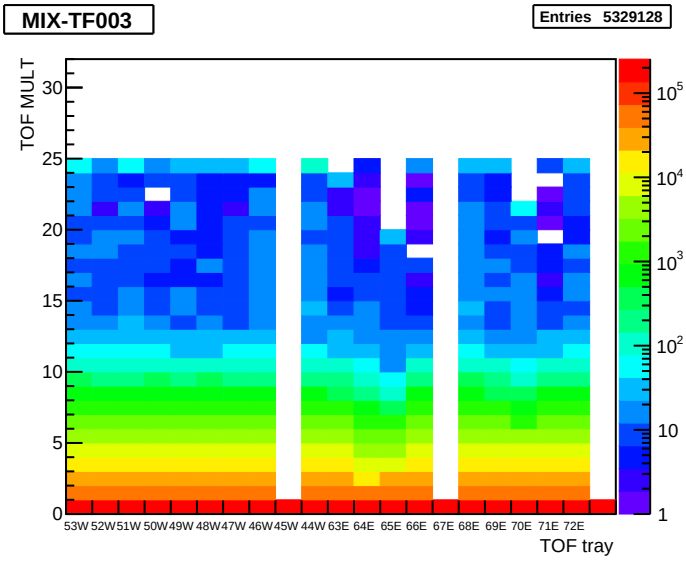

BunchId7Bit (BBC-TAC)
Entries 119369

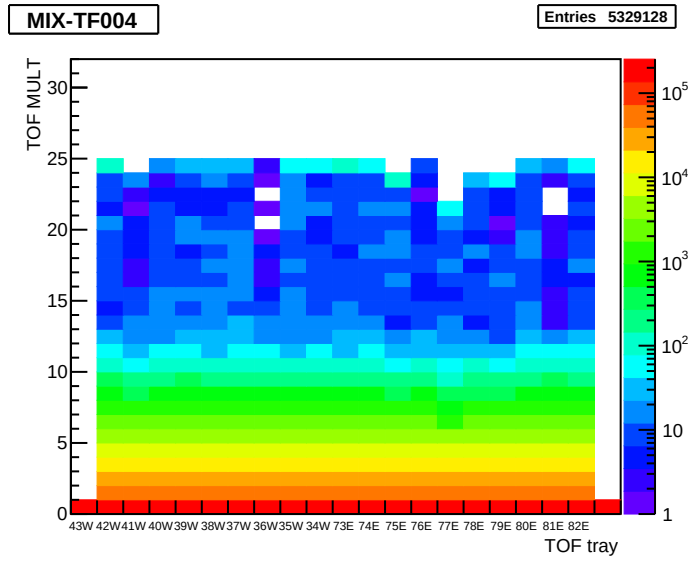

BunchId7Bit (Laser)
Entries 0

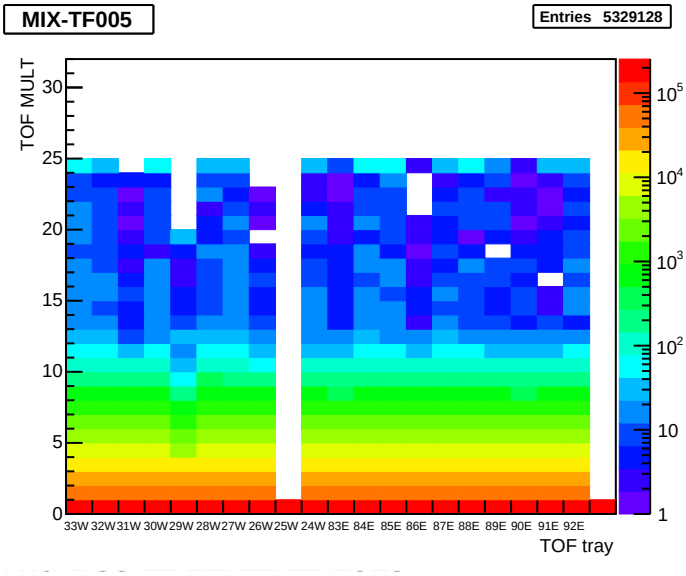

BunchId7Bit (TOFmult window)
Entries 10054

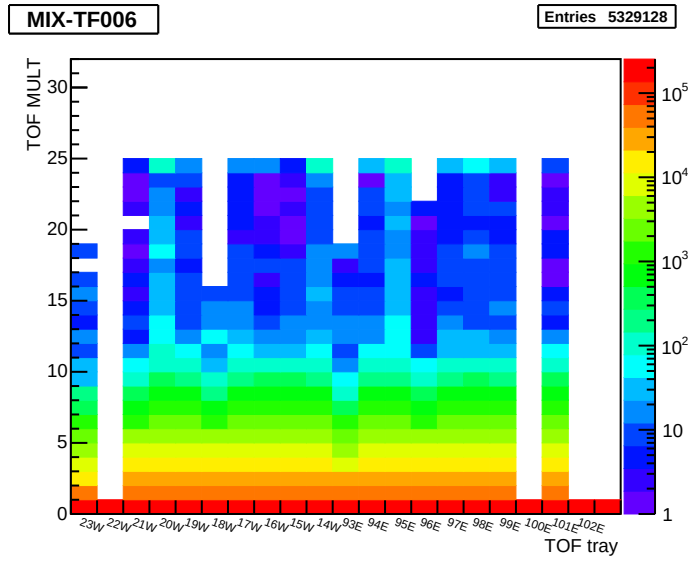

MIX-TF001
Entries 5329128
TOF MULT
TOF tray

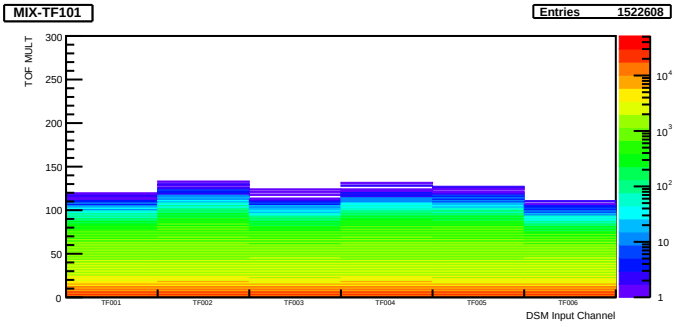

MIX-TF002
Entries 5329128
TOF MULT
TOF tray

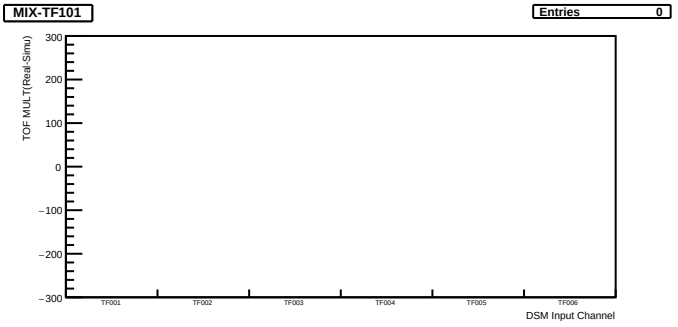

MIX-TF003
Entries 5329128
TOF MULT
TOF tray

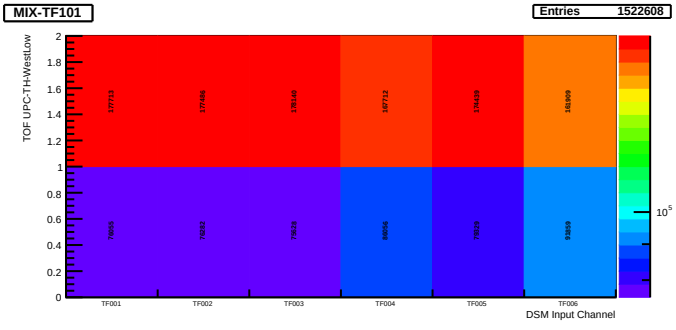

MIX-TF004
Entries 5329128
TOF MULT
TOF tray

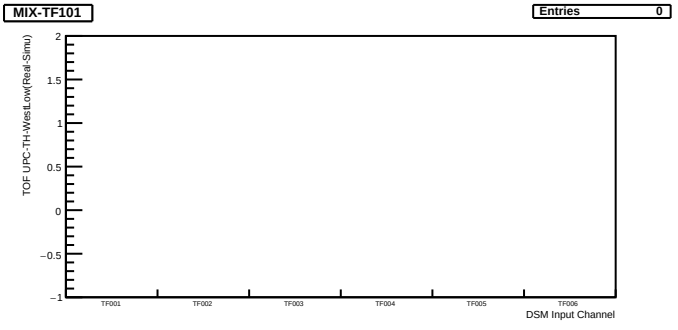

MIX-TF005
Entries 5329128
TOF MULT
TOF tray

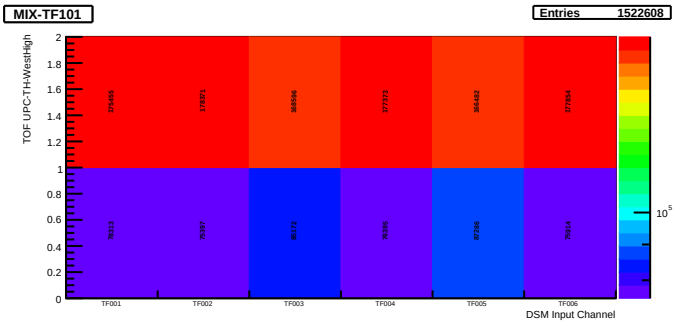

MIX-TF006
Entries 5329128
TOF MULT
TOF tray

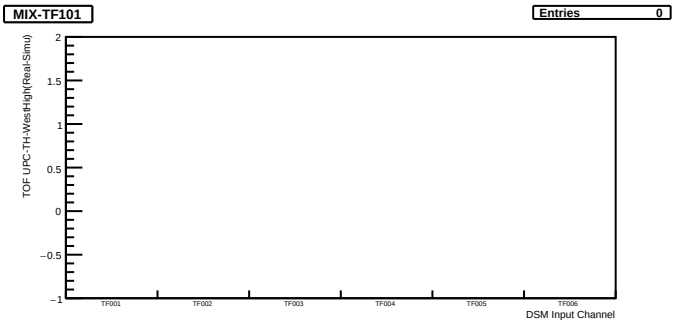

MIX-TF101
Entries 1522608
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

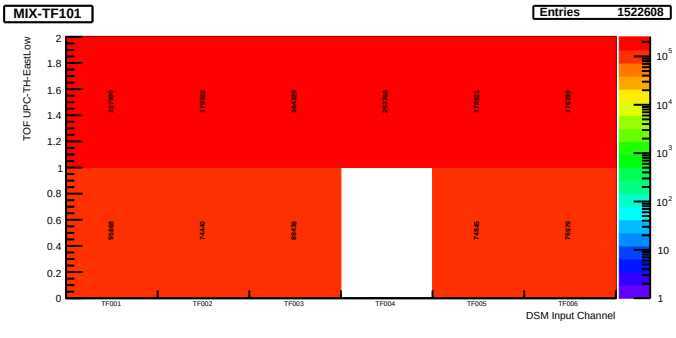

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

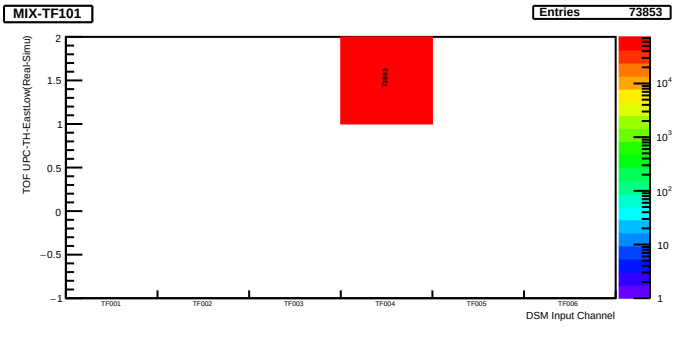

MIX-TF101
Entries 1522608
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

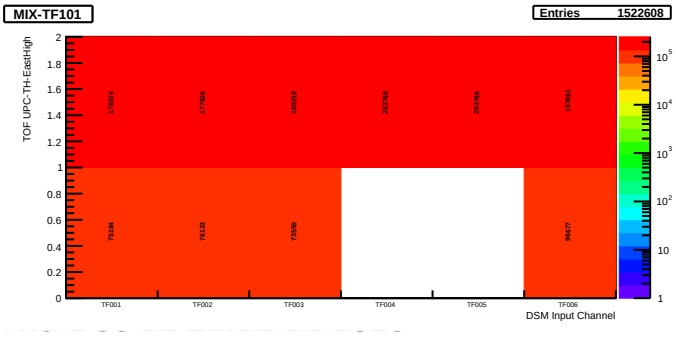

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

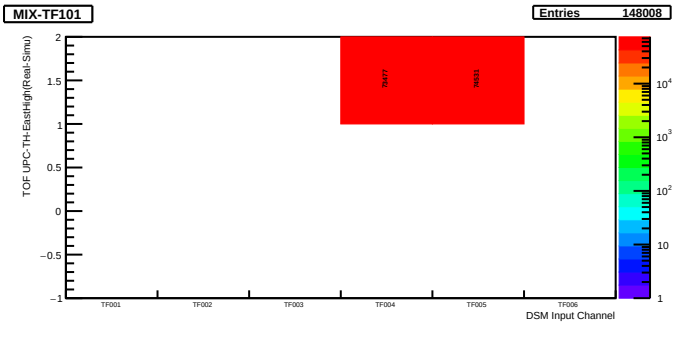

MIX-TF101
Entries 1522608
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

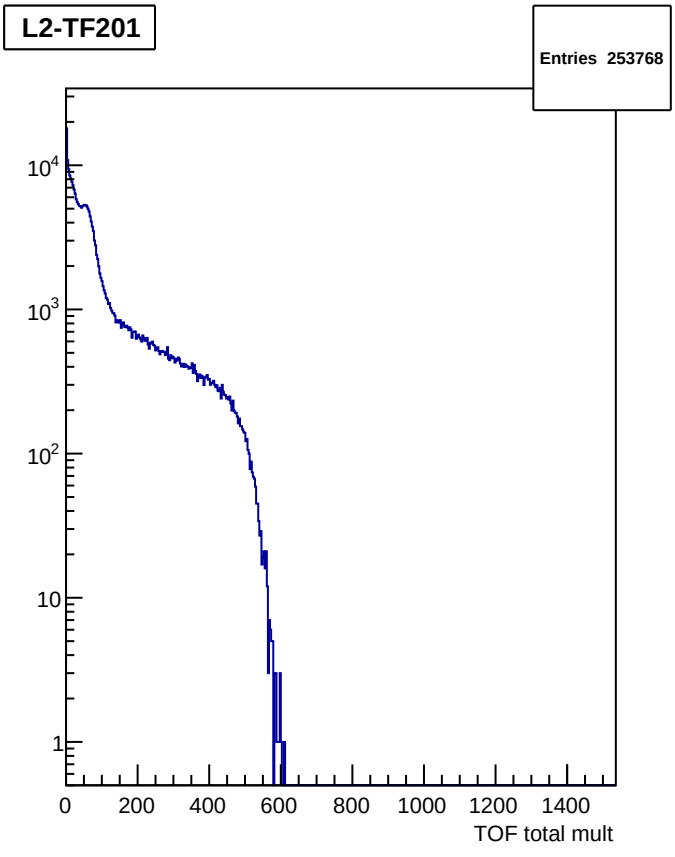

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

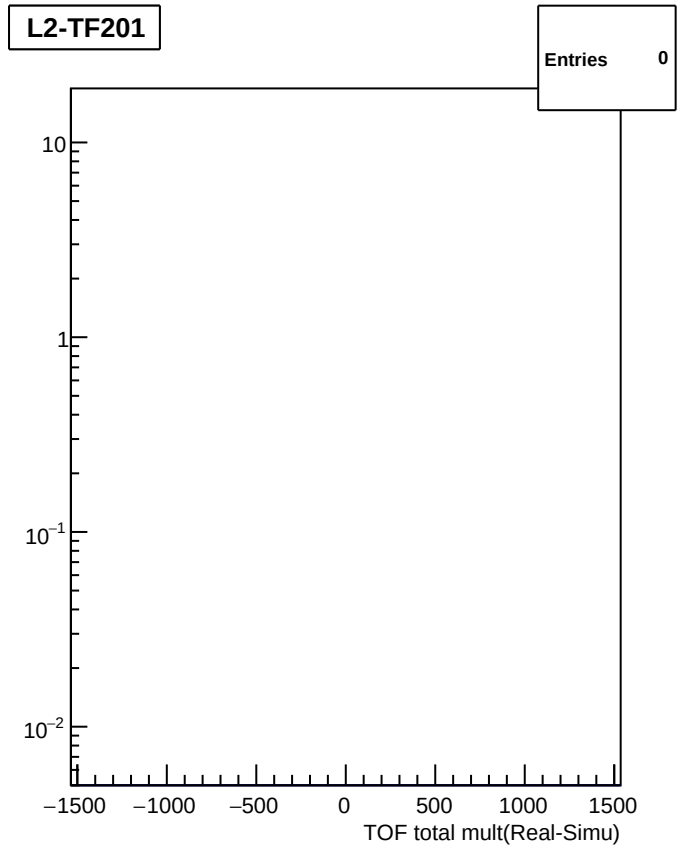

MIX-TF101
Entries 1522608
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

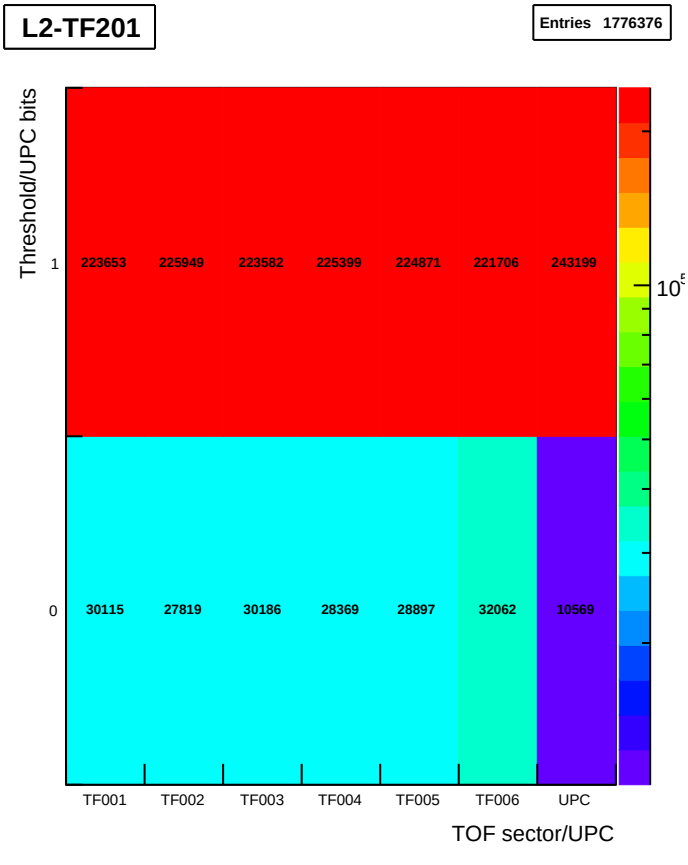

MIX-TF101
Entries 73853
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

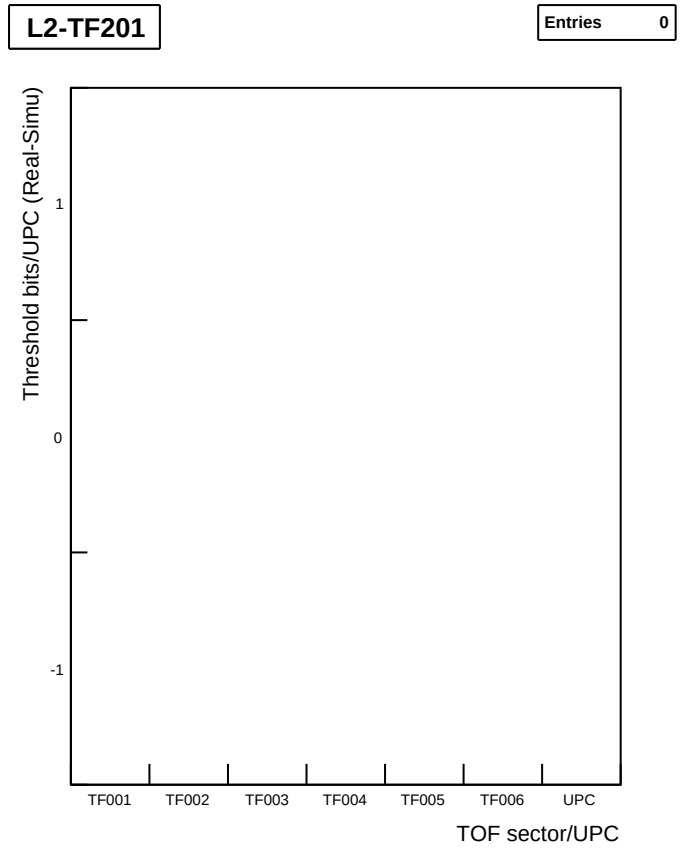

MIX-TF101
Entries 1522608
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

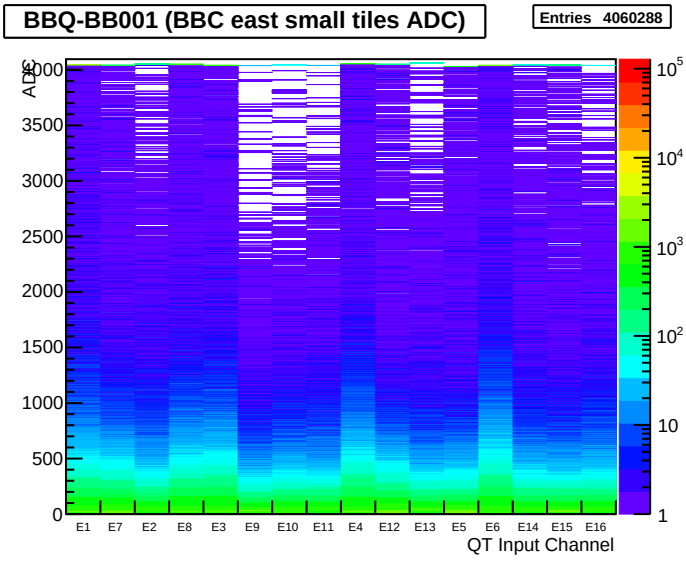

MIX-TF101
Entries 148008
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

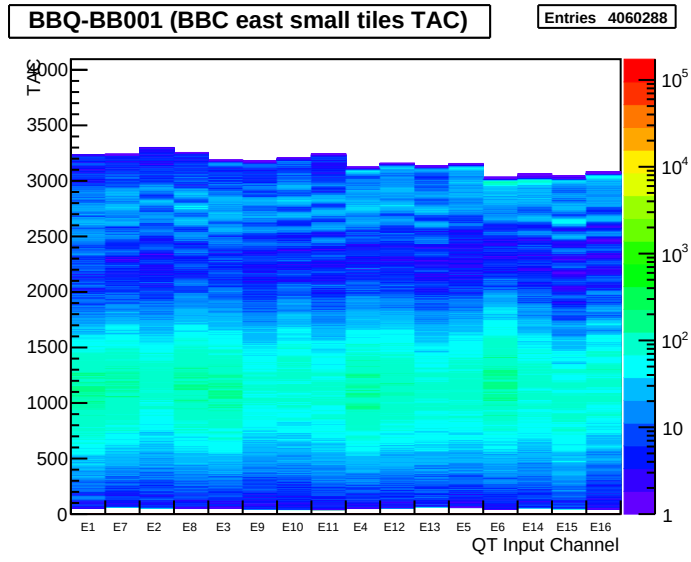

L2-TF201
Entries 253768
TOF total mult

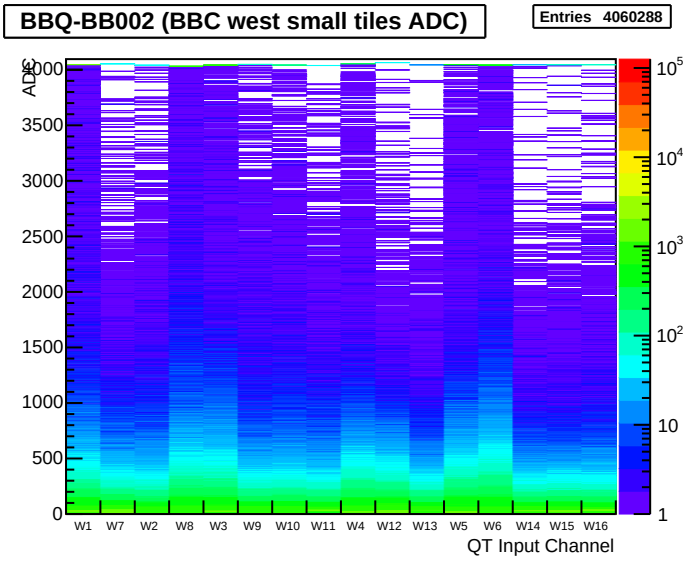

L2-TF201
Entries 0
TOF total mult(Real-Simu)

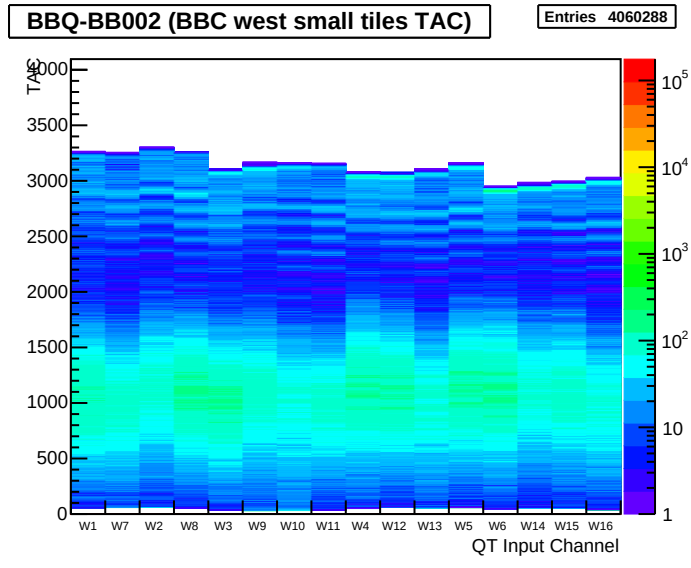

L2-TF201
Entries 1776376
Threshold/UPC bits
223653
225949
223582
225399
224871
221706
243199
30115
27819
30186
28369
28897
32062
10569
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

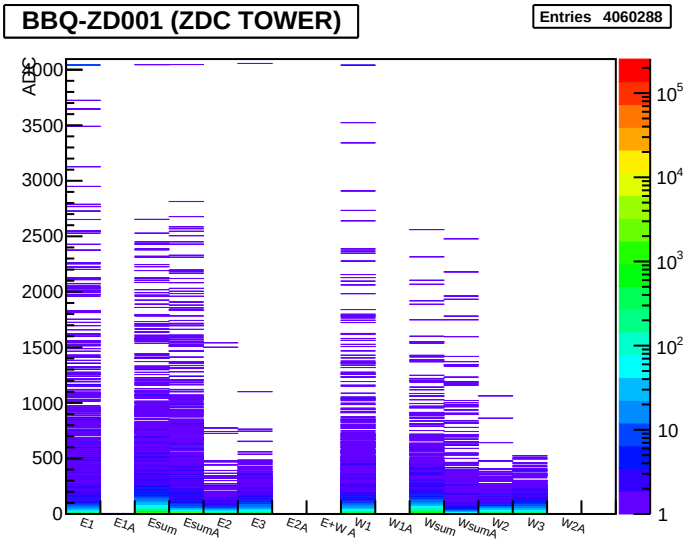

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

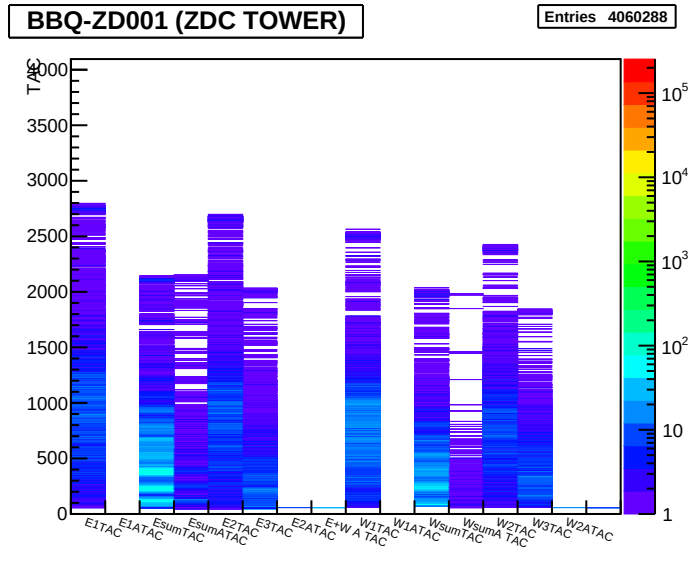

BBQ-BB001 (BBC east small tiles ADC)
Entries 4060288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

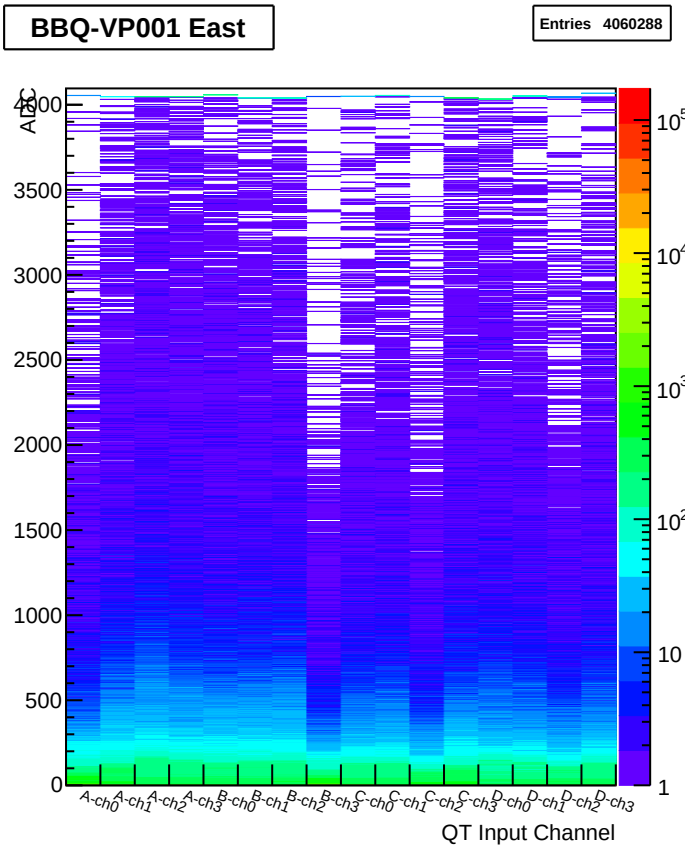

BBQ-BB001 (BBC east small tiles TAC)
Entries 4060288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

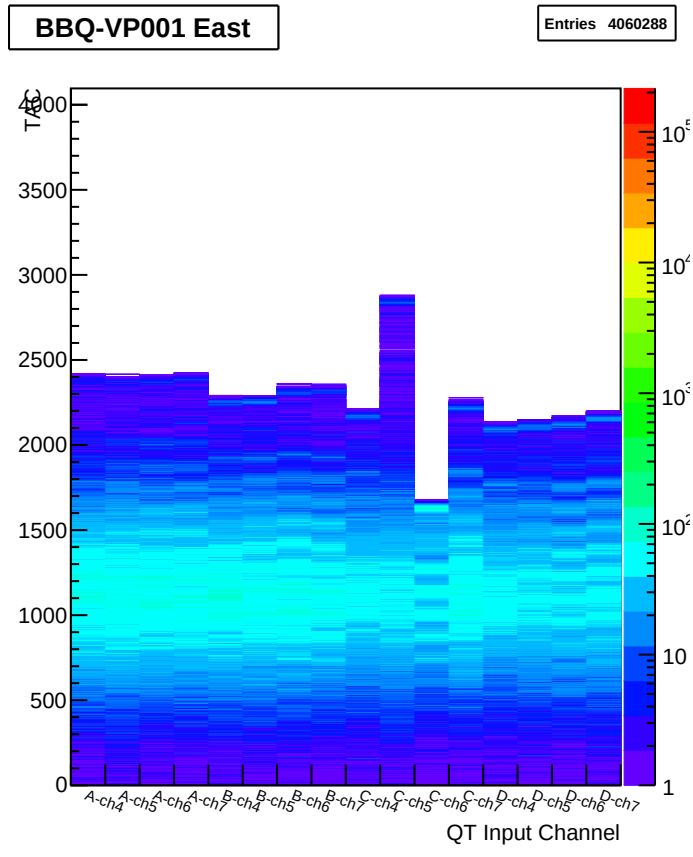

BBQ-BB002 (BBC west small tiles ADC)
Entries 4060288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

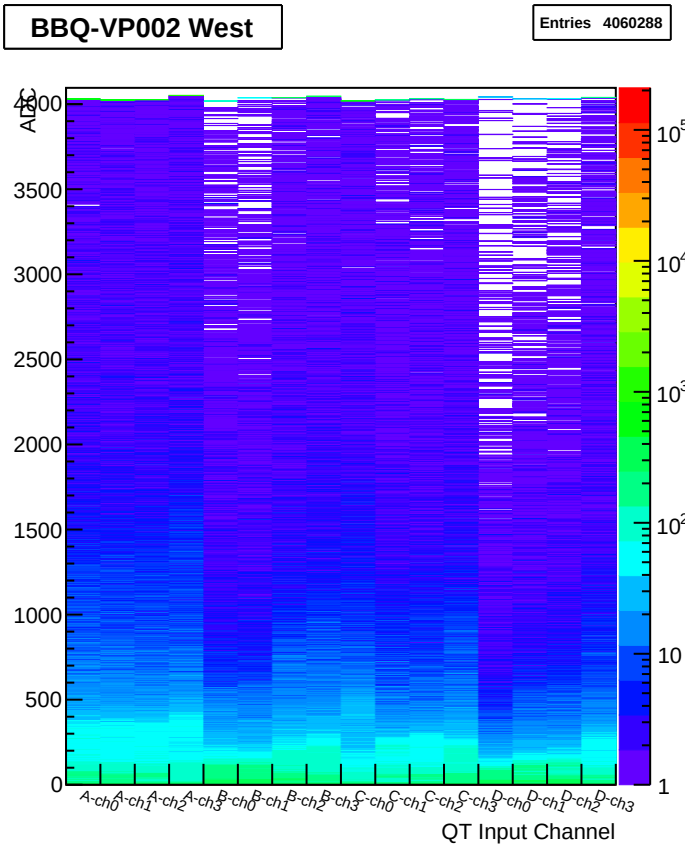

BBQ-BB002 (BBC west small tiles TAC)
Entries 4060288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

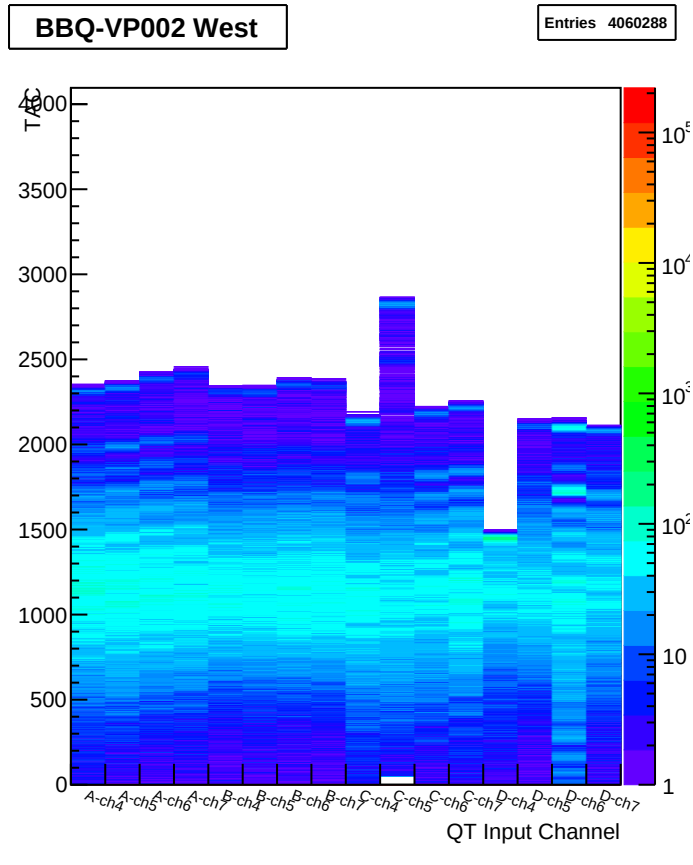

BBQ-ZD001 (ZDC TOWER)
Entries 4060288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

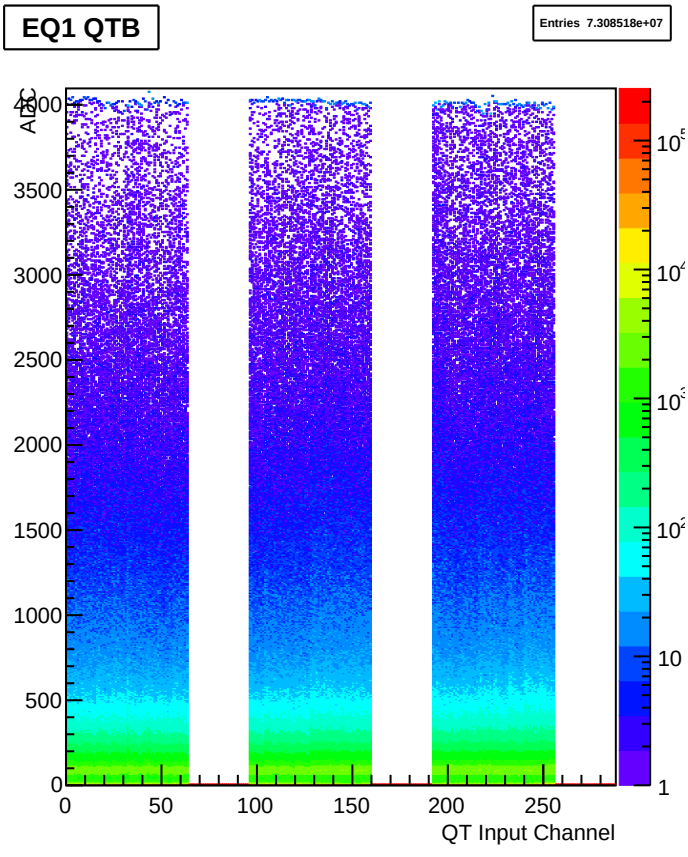

BBQ-ZD001 (ZDC TOWER)
Entries 4060288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

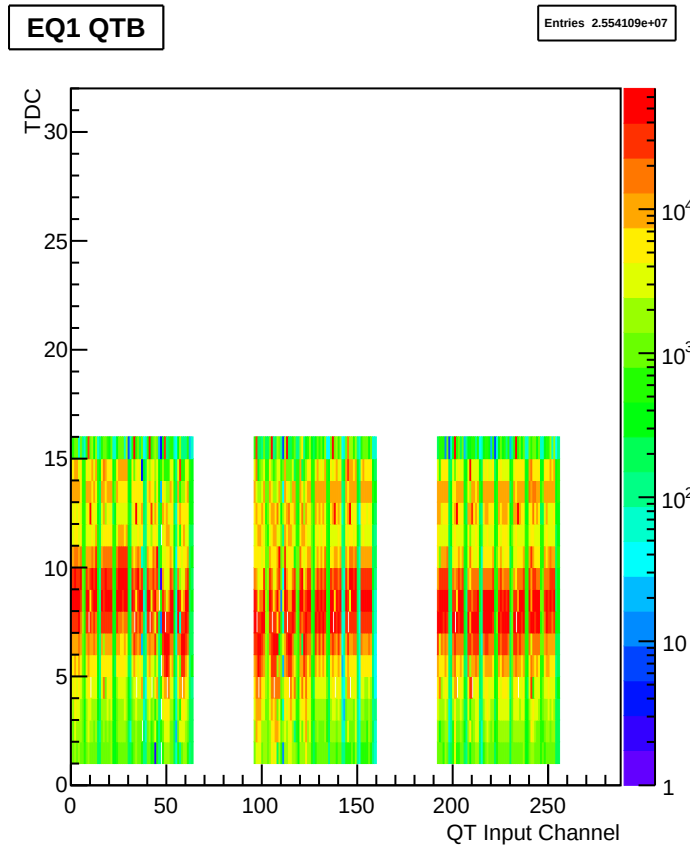

BBQ-VP001 East
Entries 4060288
ADC
QT Input Channel

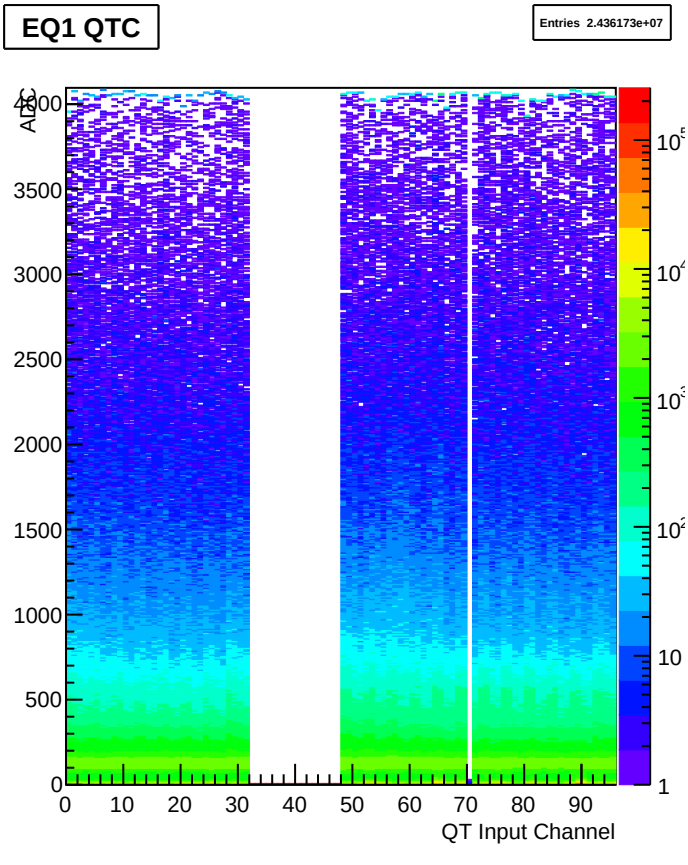

BBQ-VP001 East
Entries 4060288
ADC
QT Input Channel

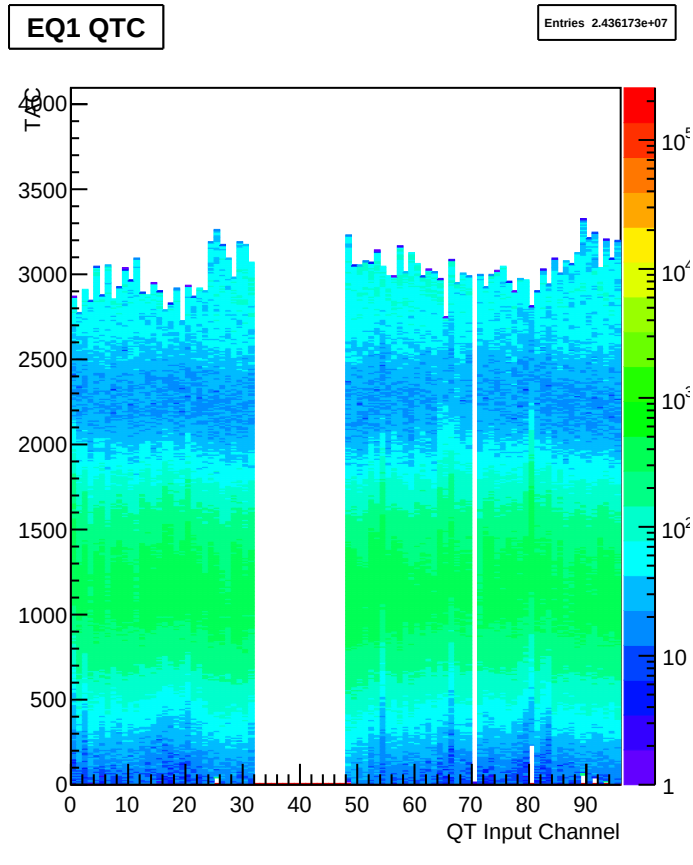

BBQ-VP002 West
Entries 4060288
ADC
QT Input Channel

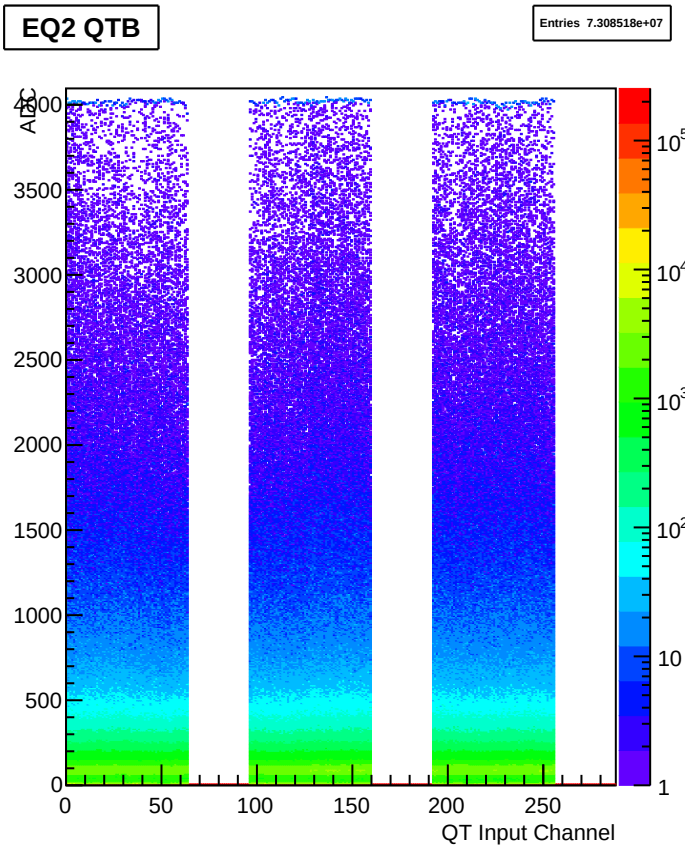

BBQ-VP002 West
Entries 4060288
ADC
QT Input Channel

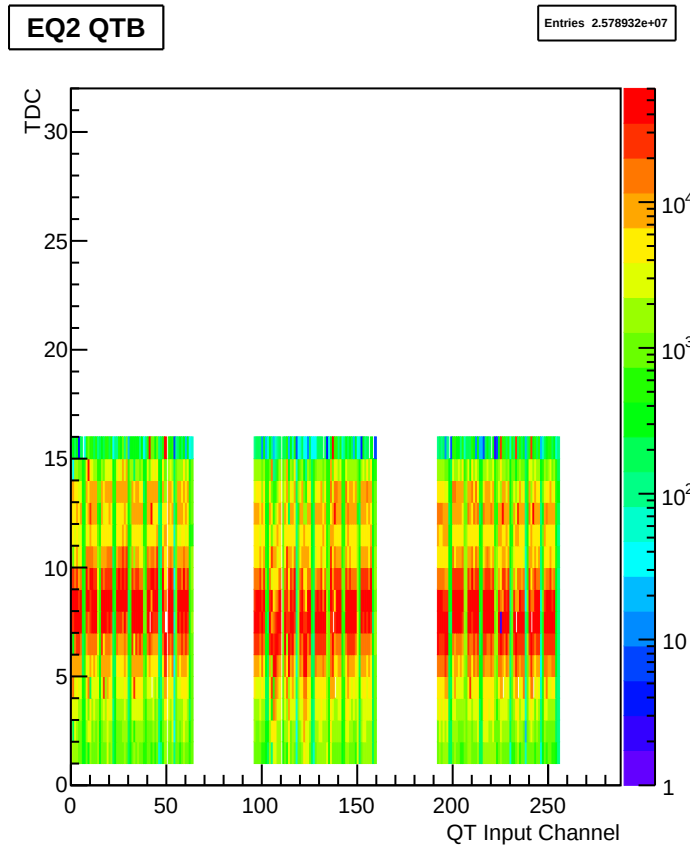

EQ1 QTB
Entries 7.308518e+07
ADC
QT Input Channel

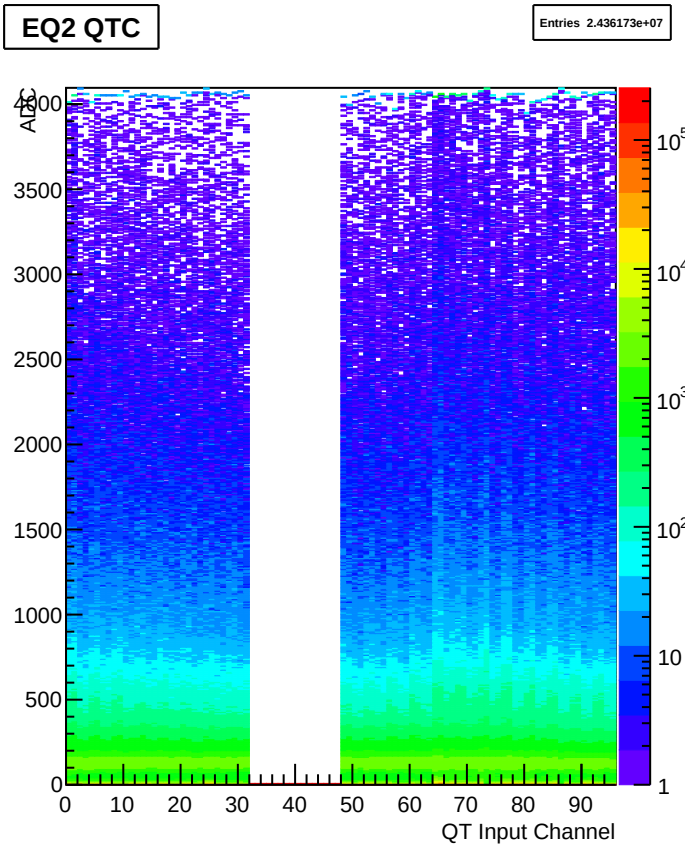

EQ1 QTB
Entries 2.554109e+07
TDC
QT Input Channel

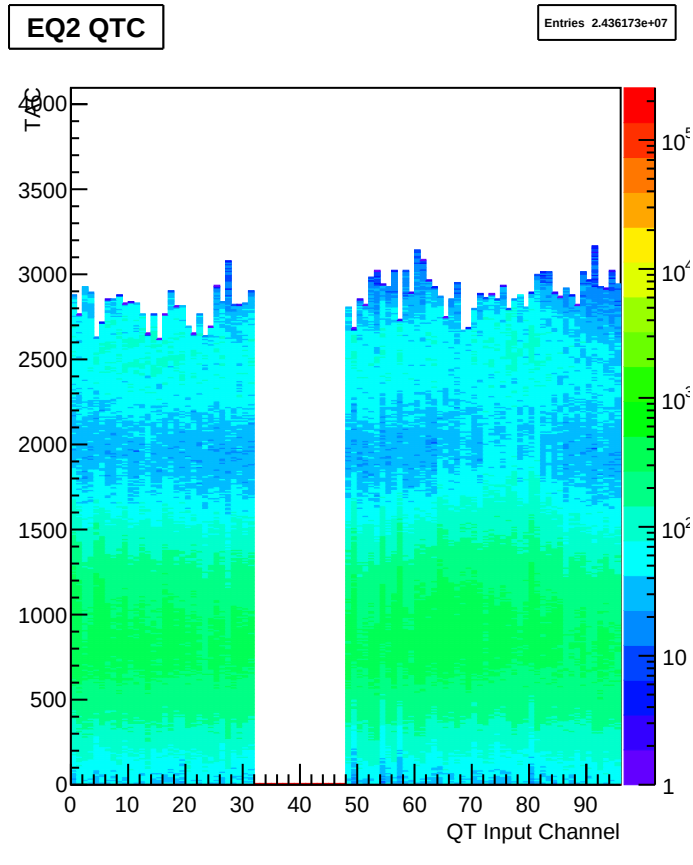

EQ1 QTC
Entries 2.436173e+07
ADC
QT Input Channel

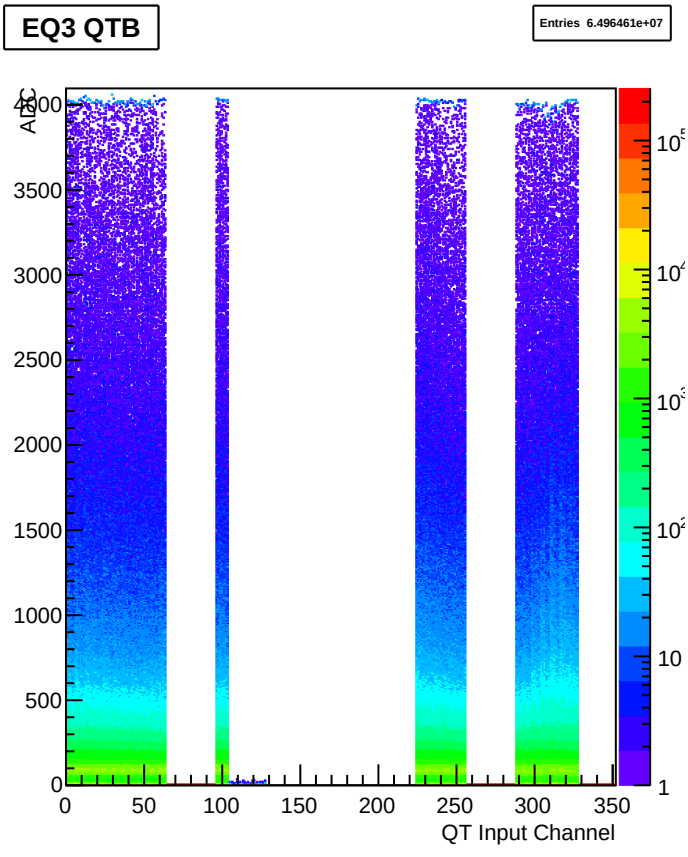

EQ1 QTC
Entries 2.436173e+07
TADC
QT Input Channel

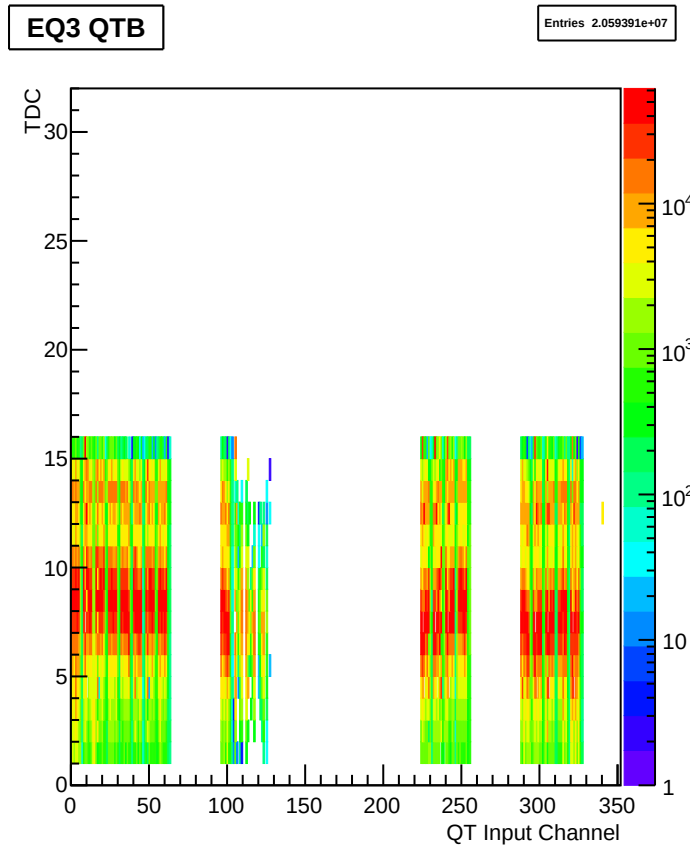

EQ2 QTB
Entries 7.308518e+07
ADC
QT Input Channel

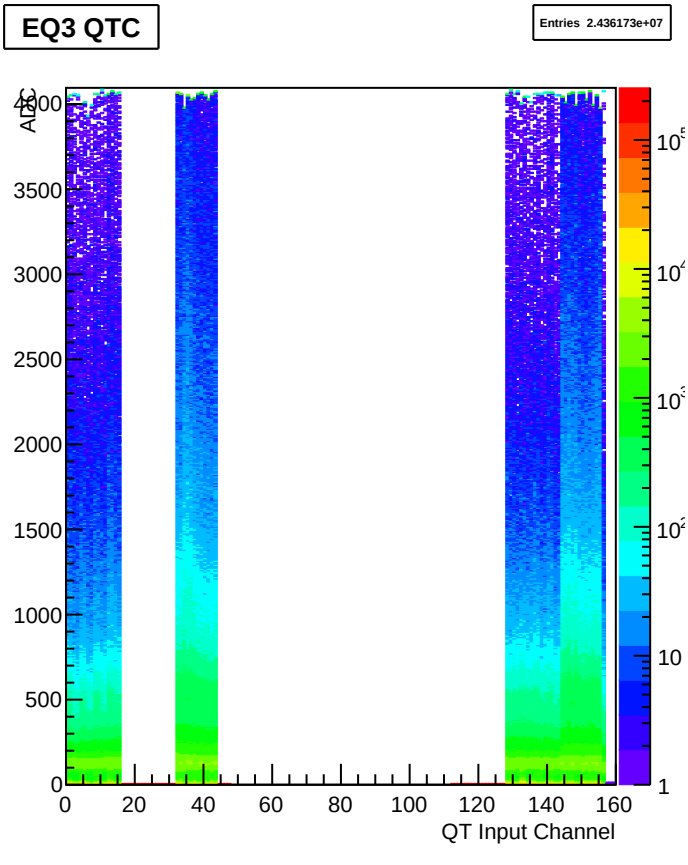

EQ2 QTB
Entries 2.578932e+07
TDC
QT Input Channel

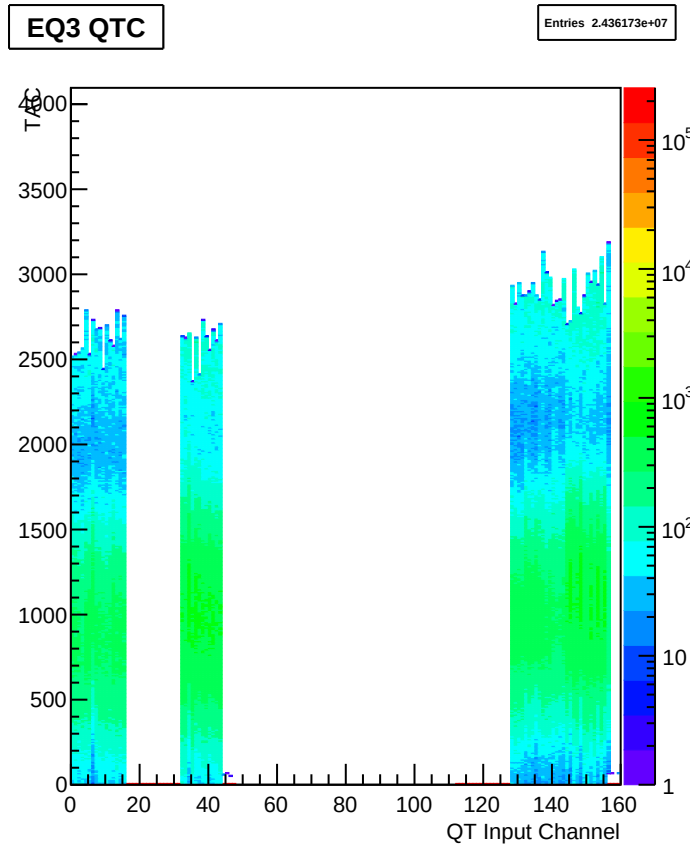

EQ2 QTC
Entries 2.436173e+07
ADC
QT Input Channel

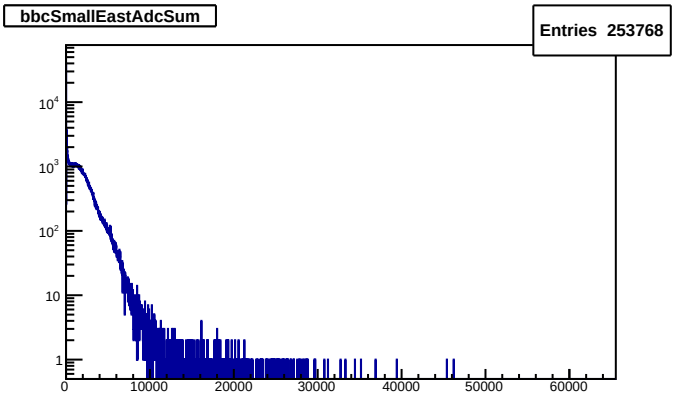

EQ2 QTC
Entries 2.436173e+07
TADC
QT Input Channel

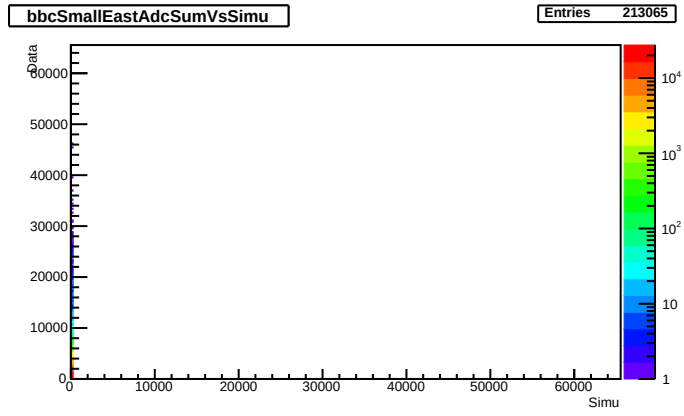

EQ3 QTB
Entries 6.496461e+07
ADC
QT Input Channel

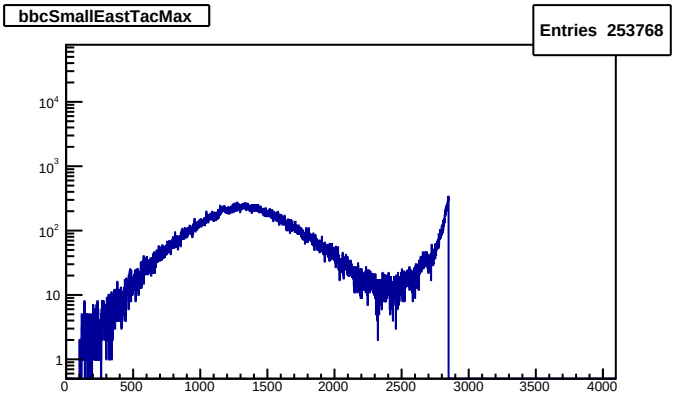

EQ3 QTB
Entries 2.059391e+07
TDC
QT Input Channel

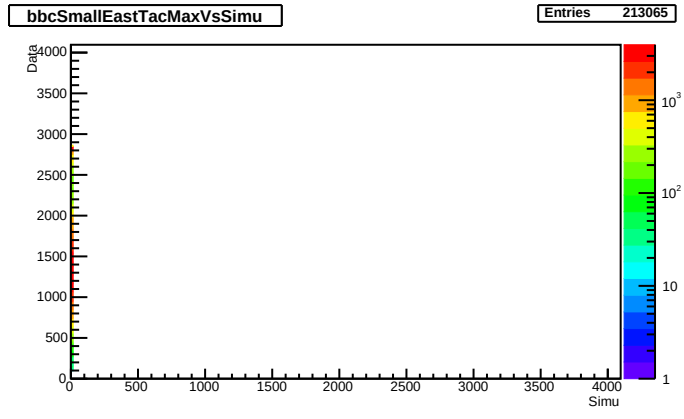

EQ3 QTC
Entries 2.436173e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.436173e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 253768


bbcSmallEastAdcSumVsSimu
Entries 213065
Data
Simu


bbcSmallEastTacMax
Entries 253768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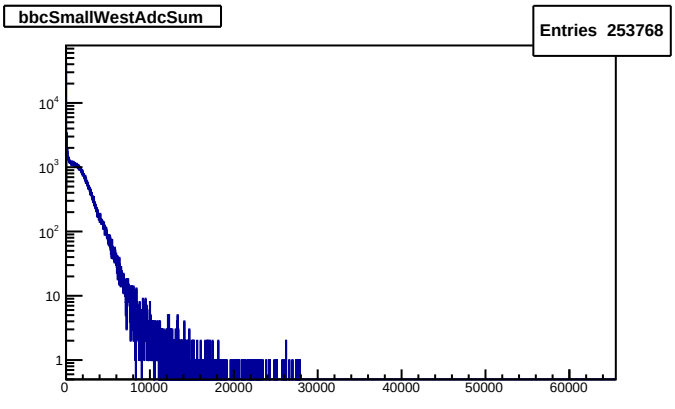
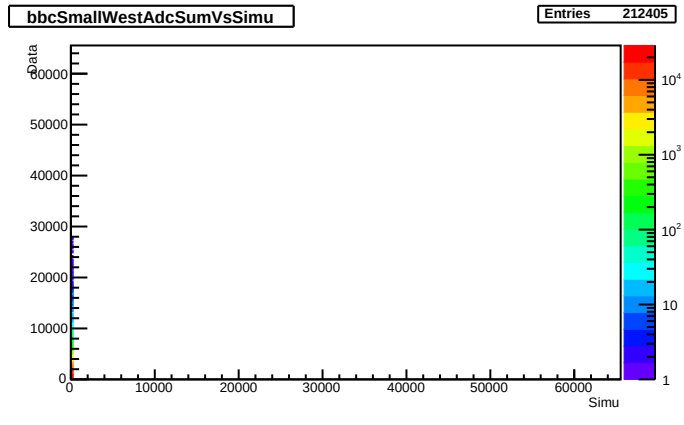
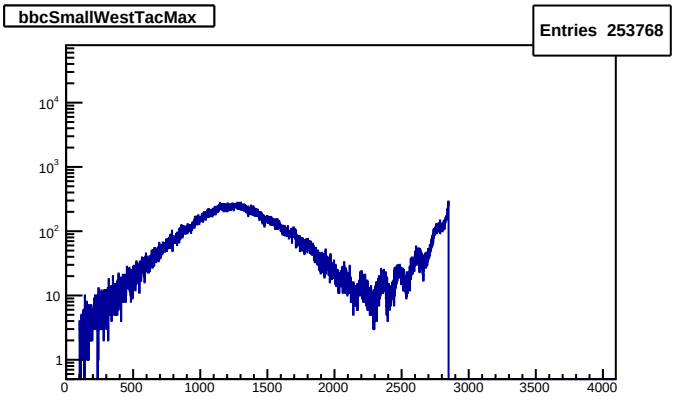
Entries 213065
Data
Simu


bbcSmallWestAdcSum
Entries 253768


bbcSmallWestAdcSumVsSimu
Entries 212405
Data
Simu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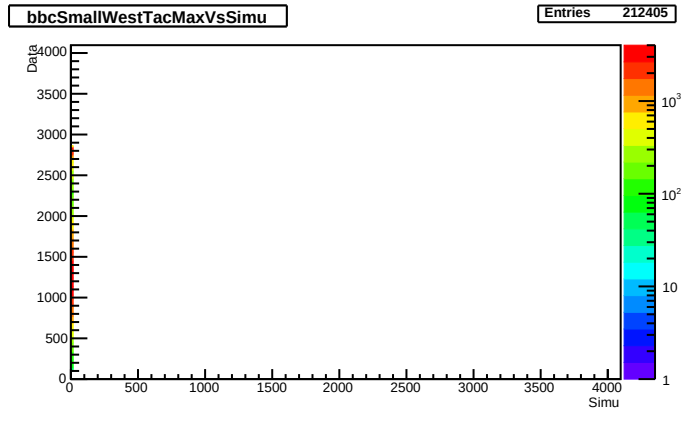
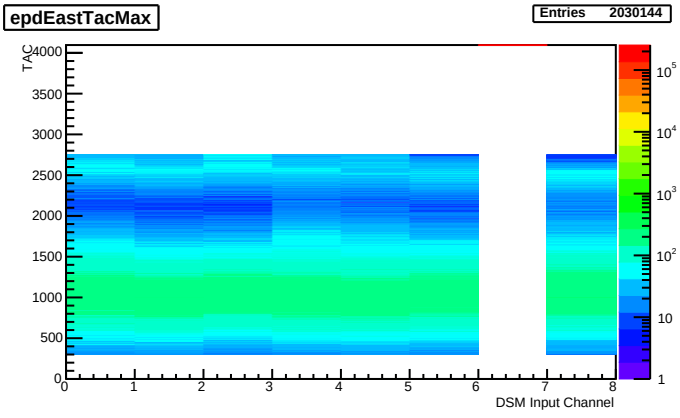
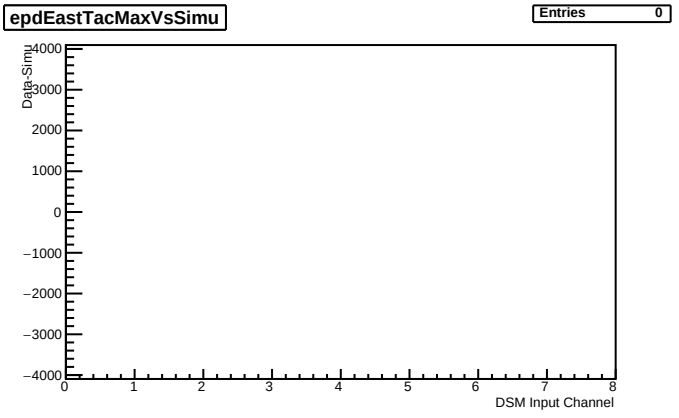
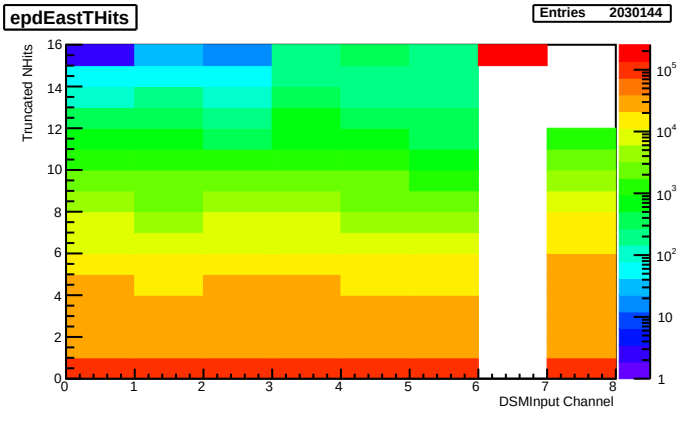
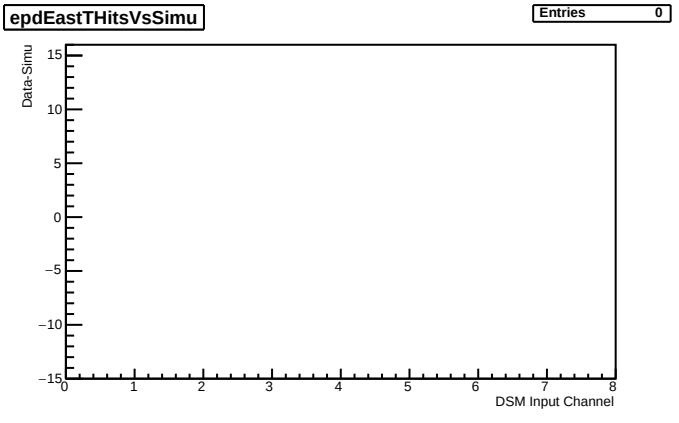
Entries 253768


bbcSmallWestTacMaxVsSimu
Entries 212405
Data
Simu


epdEastTacMax
Entries 2030144
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2030144
Truncated NHits
DSMInput Channel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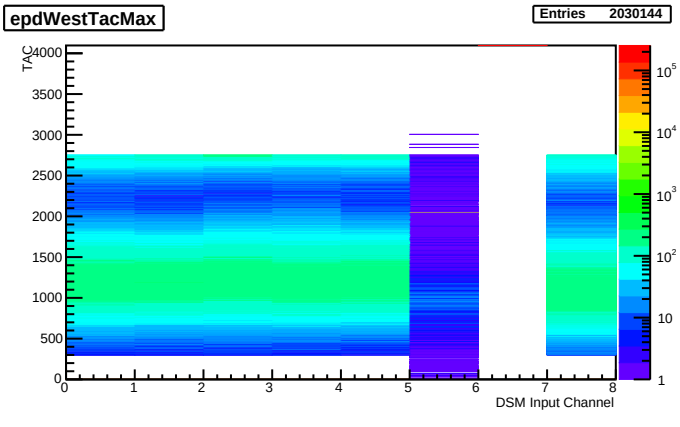
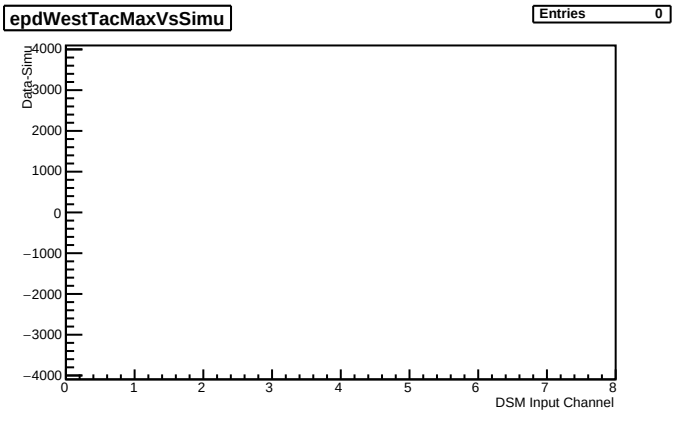
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2030144
TAC
DSM Input Channel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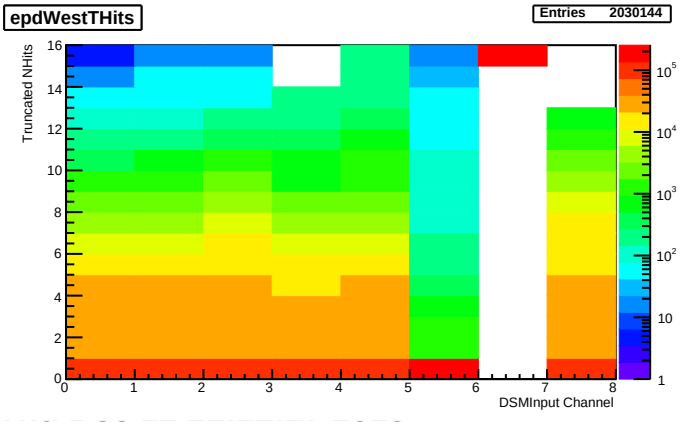
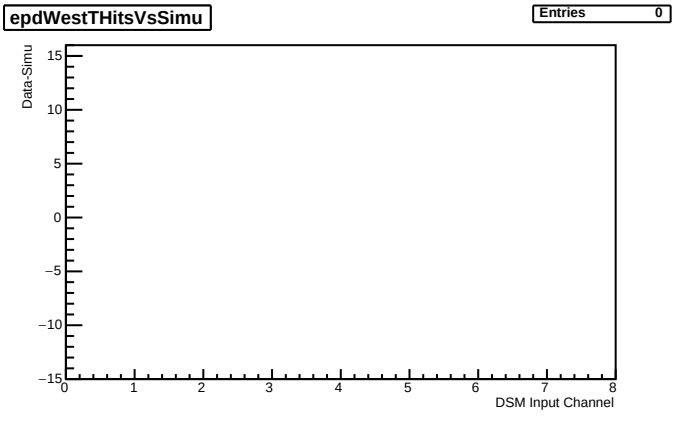
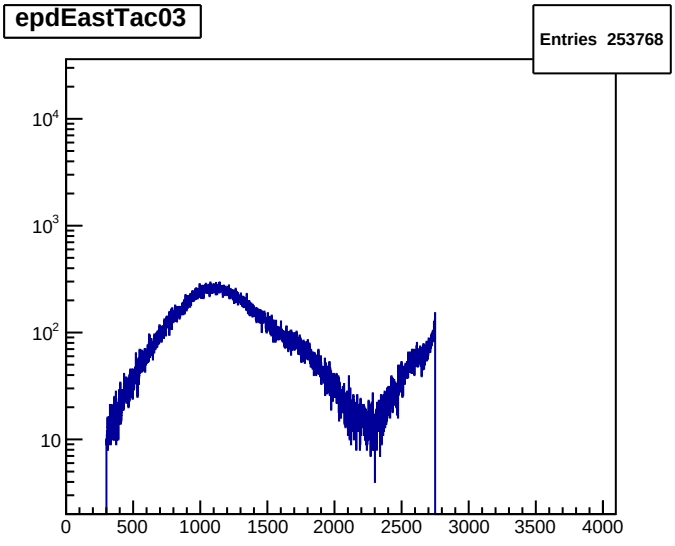
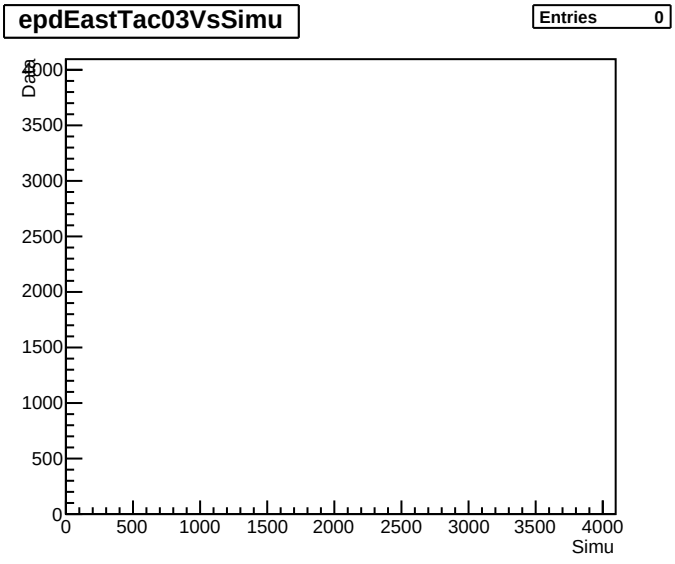
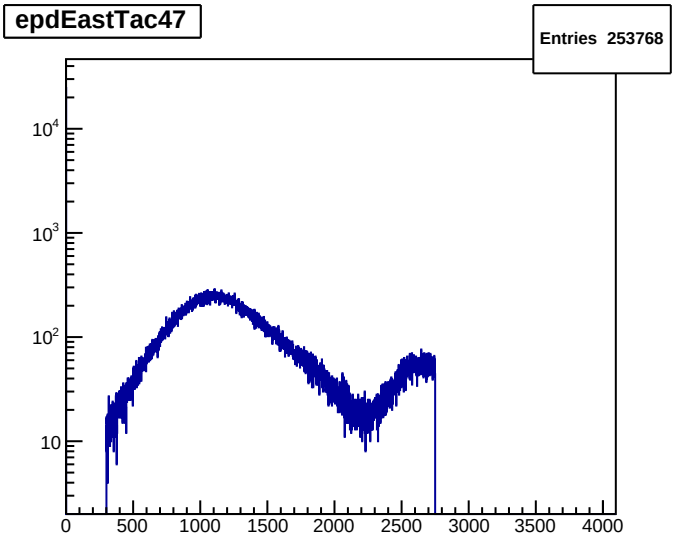
Entries 0
Data-Simu
DSM Input Channel

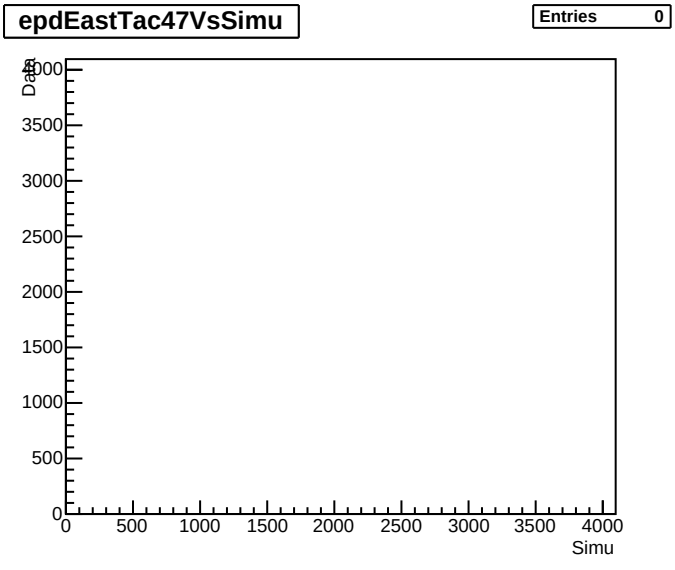

epdWestTHits
Entries 2030144
Truncated NHits
DSMInput Channel

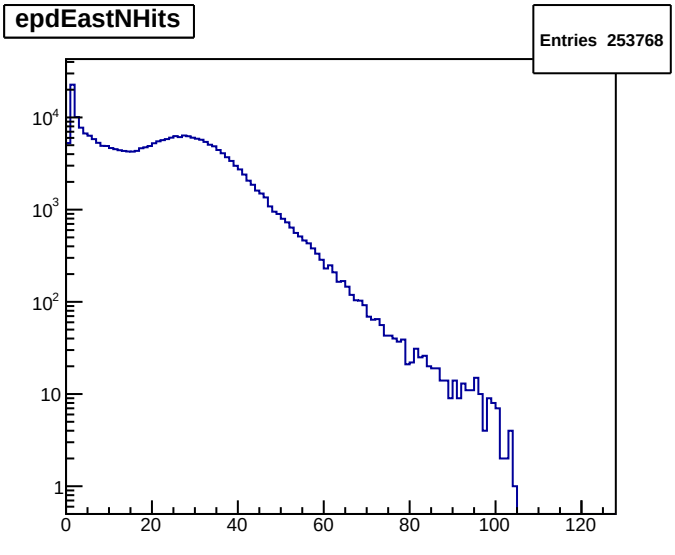

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

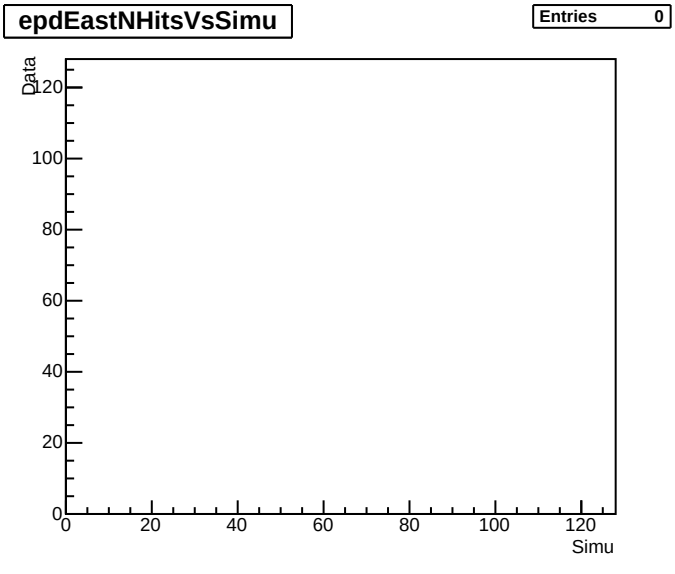

epdEastTac03
Entries 253768
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

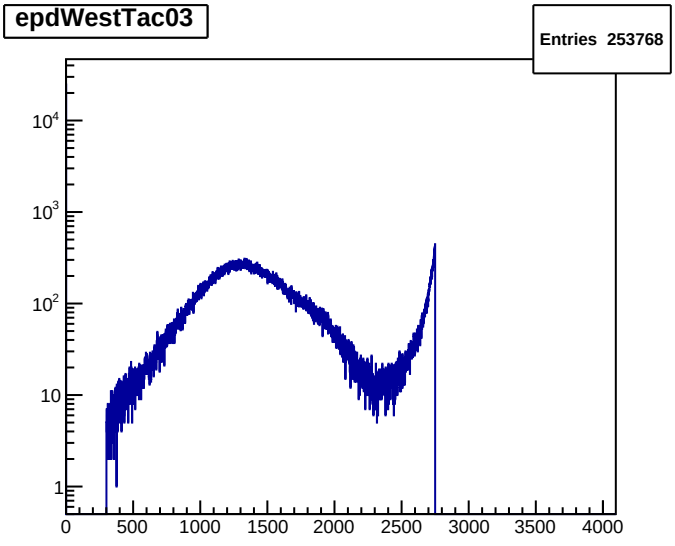

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

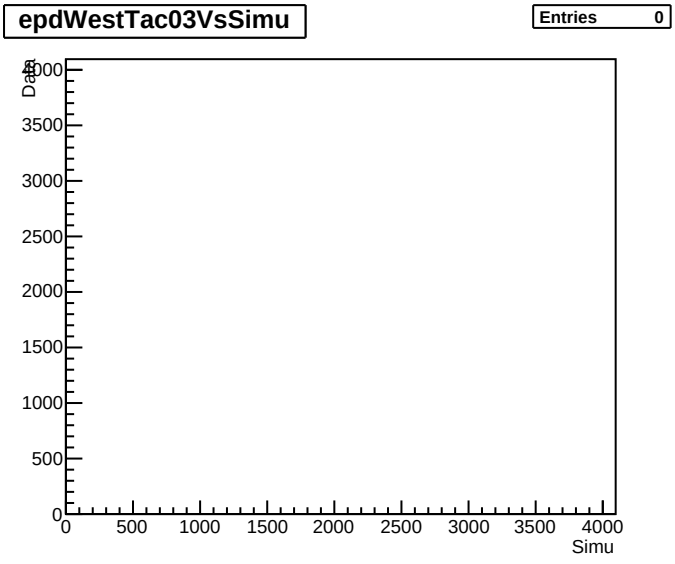

epdEastTac47
Entries 253768
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 253768
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 253768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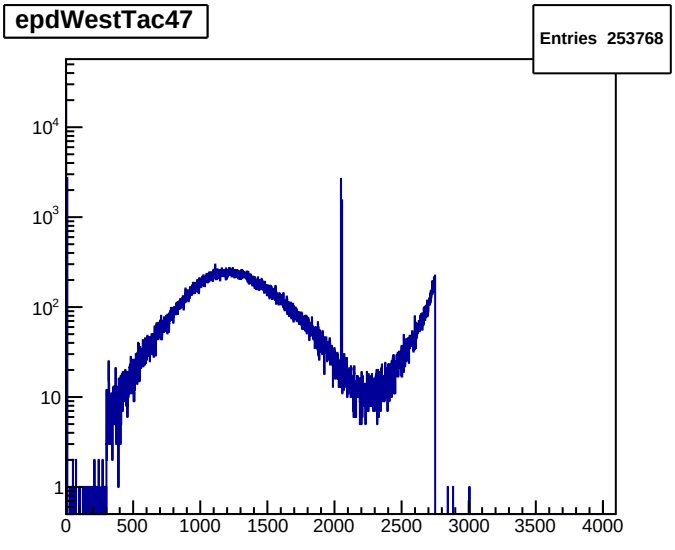
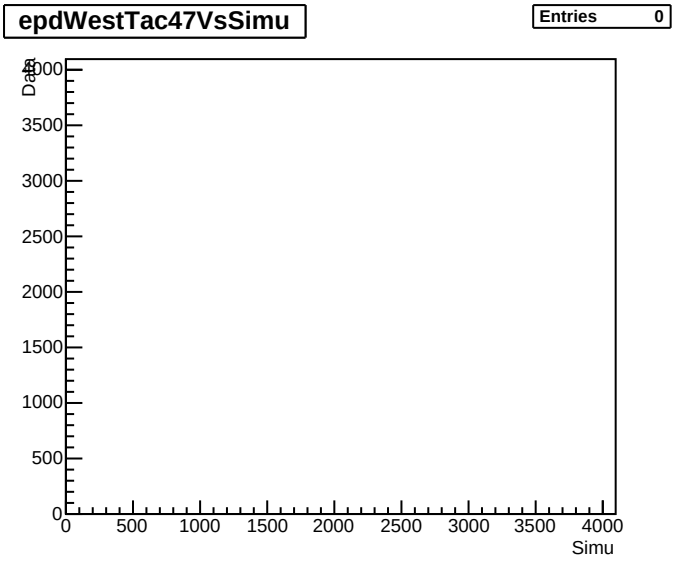
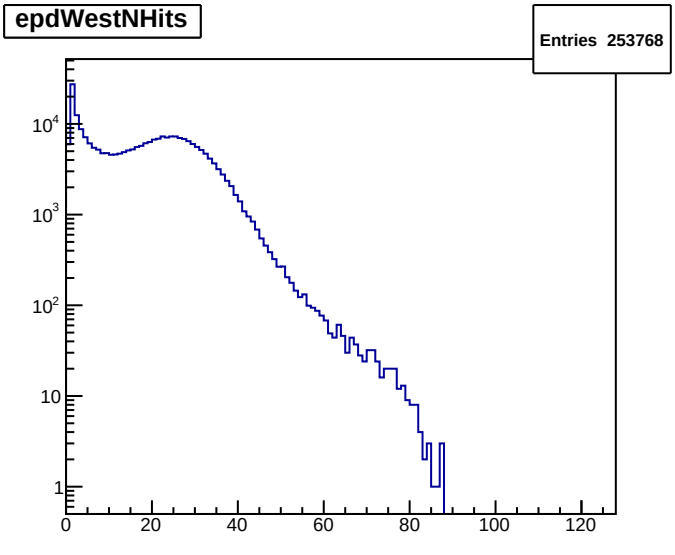
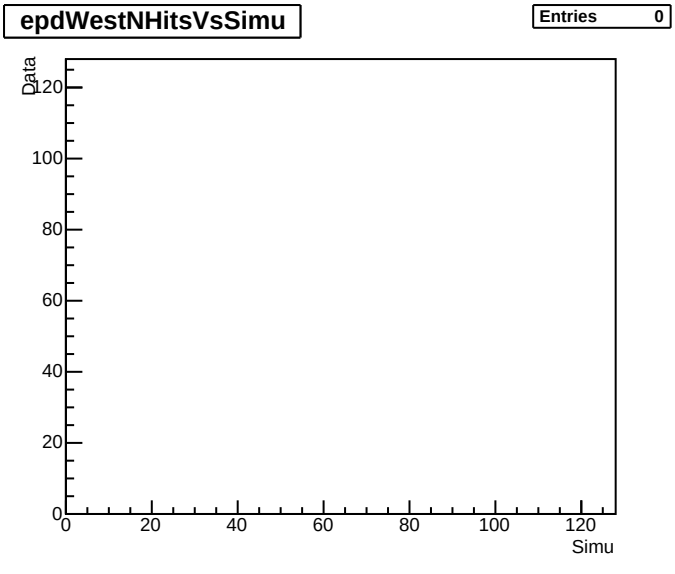
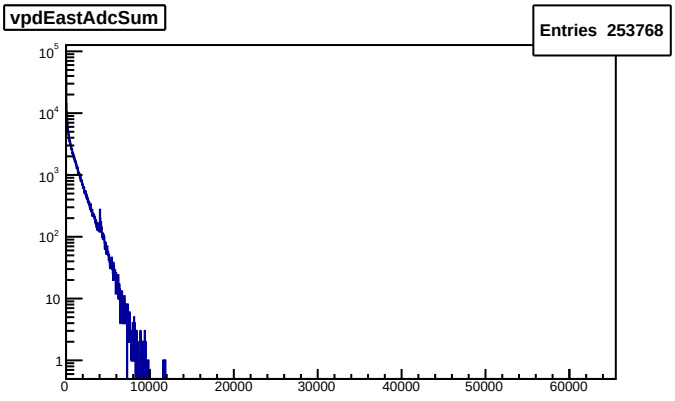
Entries 0
Data
Simu

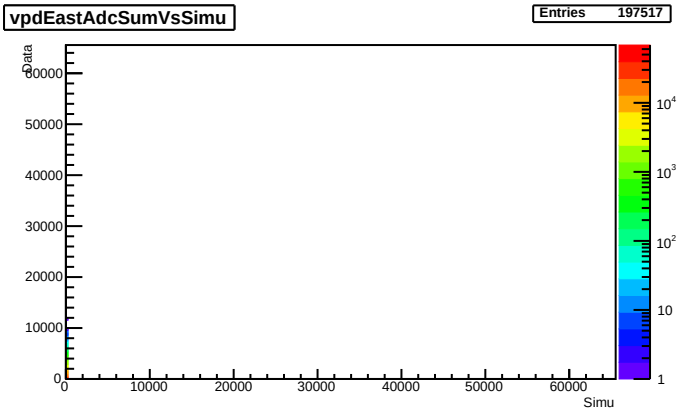

epdWestTac47
Entries 253768

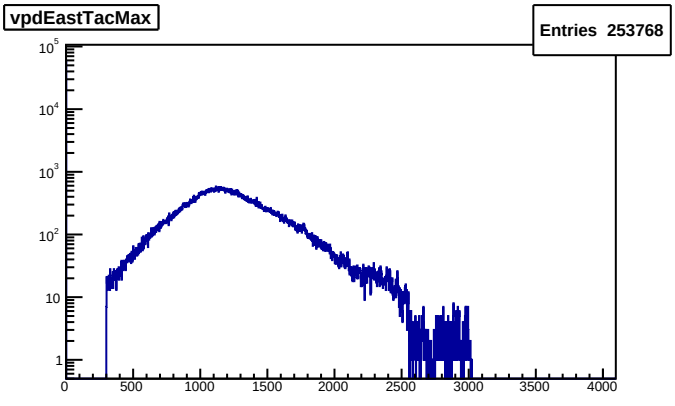

epdWestTac47VsSimu
Entries 0
Data
Simu

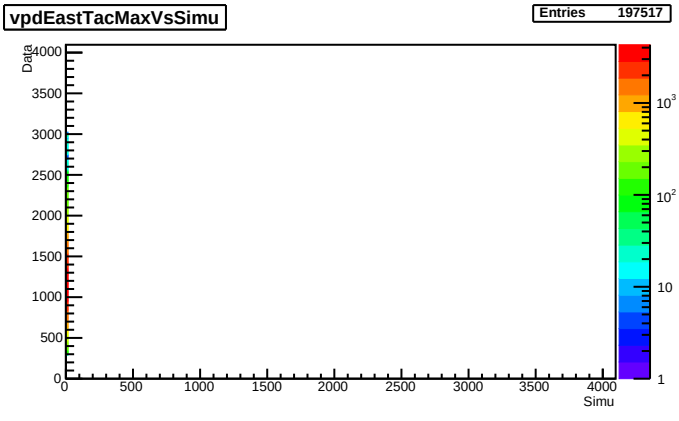

epdWestNHits
Entries 253768

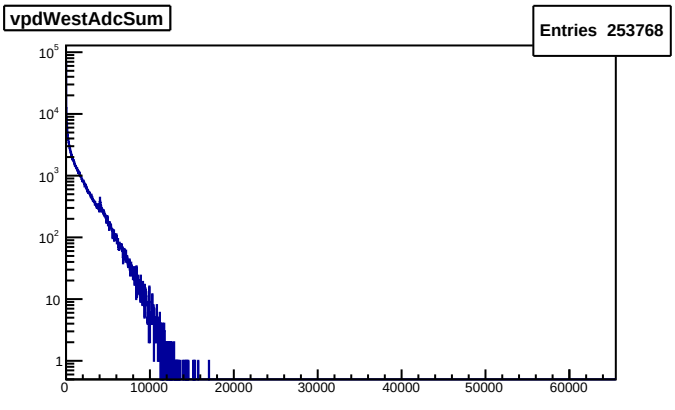

epdWestNHitsVsSimu
Entries 0
Data
Simu

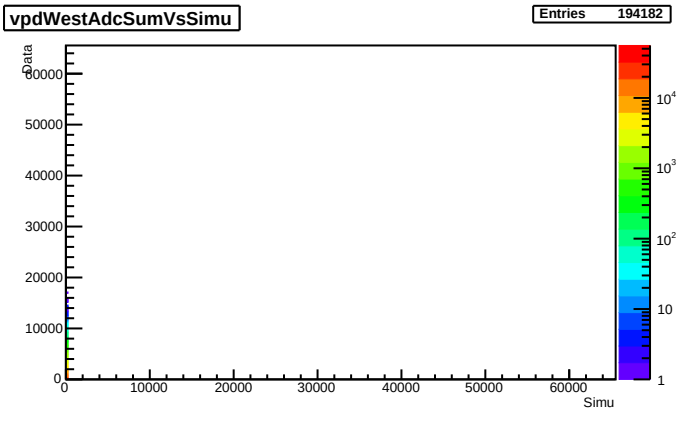

vpdEastAdcSum
Entries 253768

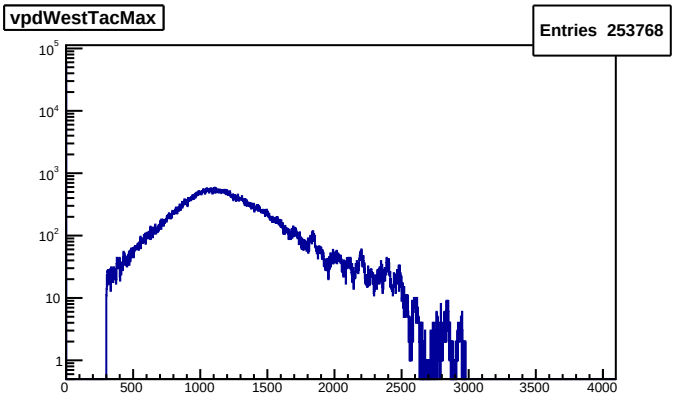

vpdEastAdcSumVsSimu
Entries 197517
Data
Simu

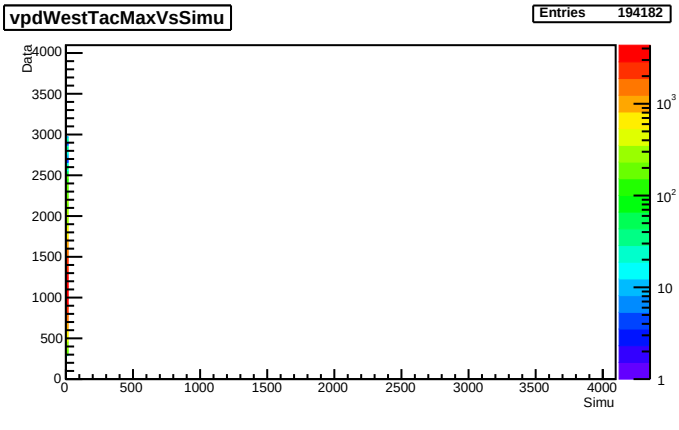

vpdEastTacMax
Entries 253768

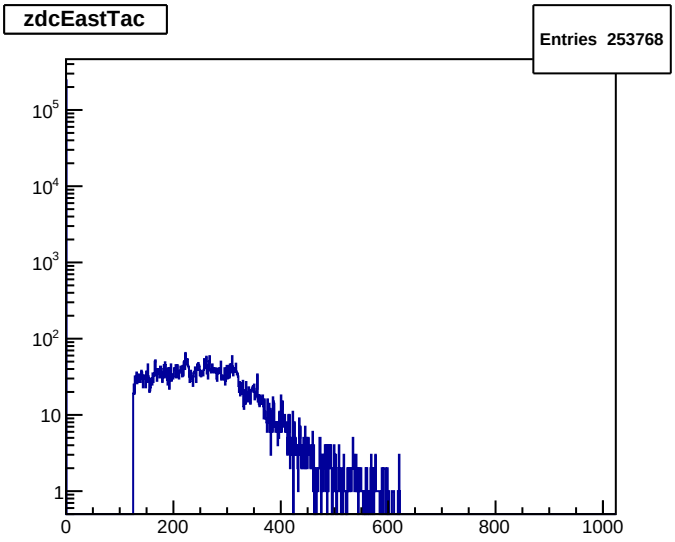

vpdEastTacMaxVsSimu
Entries 197517
Data
Simu

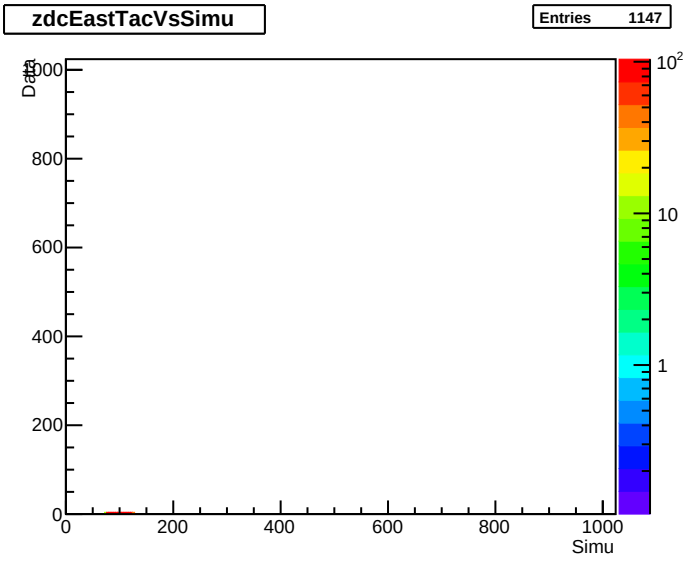

vpdWestAdcSum
Entries 253768

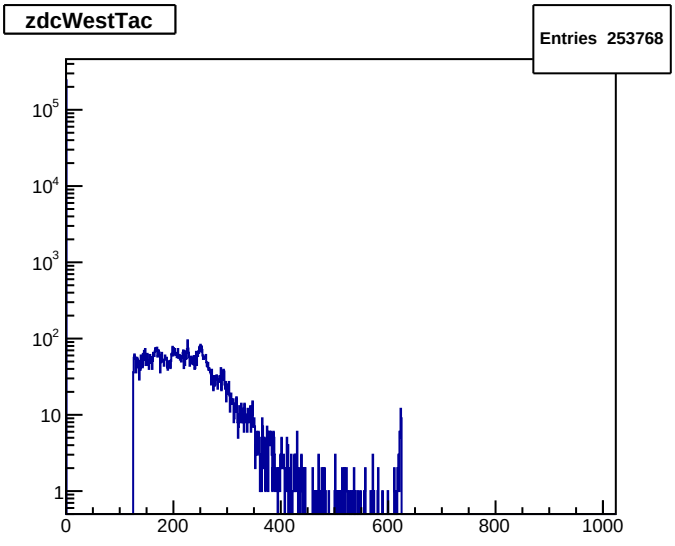

vpdWestAdcSumVsSimu
Entries 194182
Data
Simu

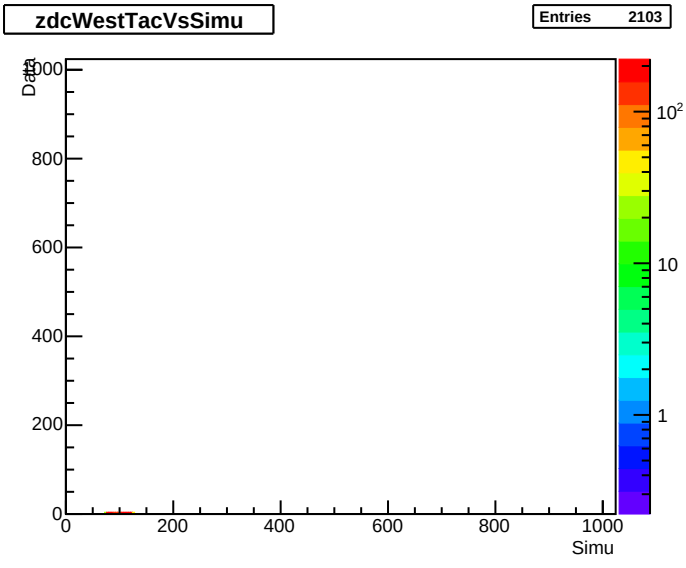

vpdWestTacMax
Entries 253768

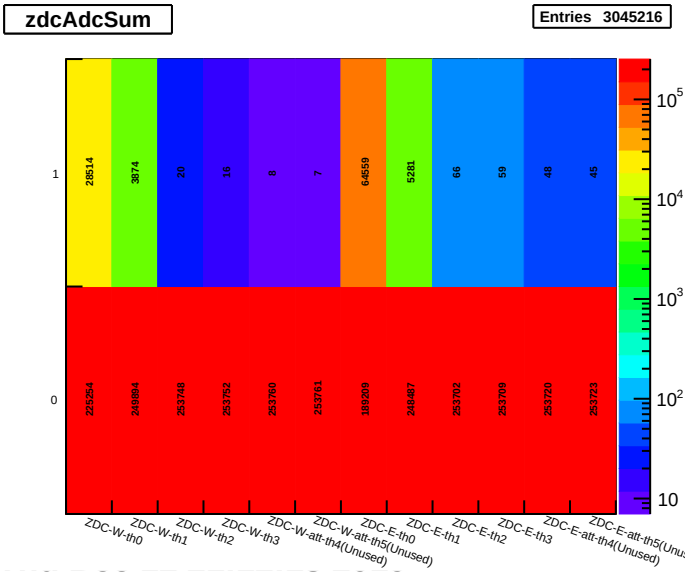

vpdWestTacMaxVsSimu
Entries 194182
Data
Simu

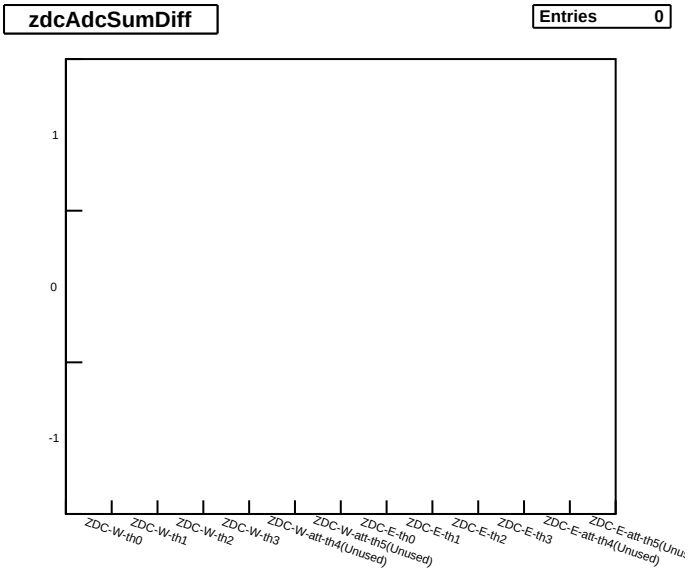

zdcEastTac
Entries 253768

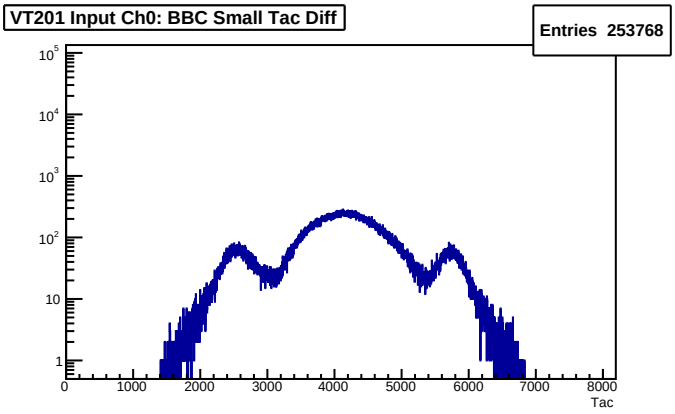

zdcEastTacVsSimu
Entries 1147
Data
Simu

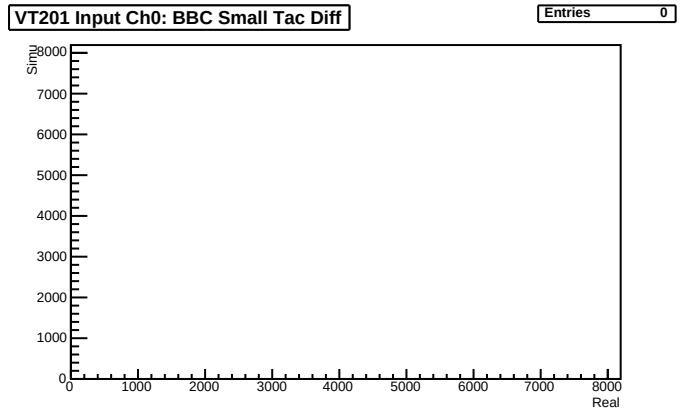

zdcWestTac
Entries 253768

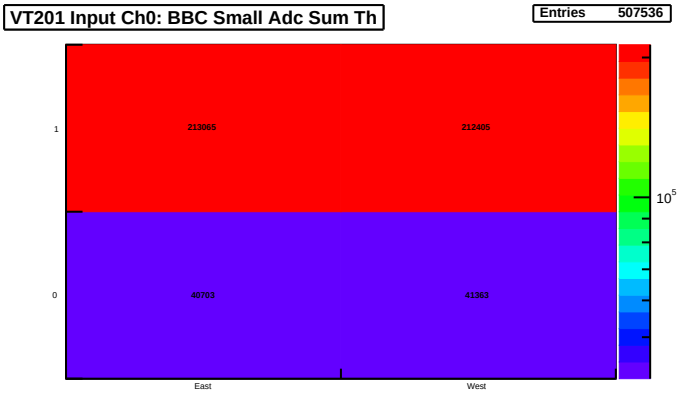

zdcWestTacVsSimu
Entries 2103
Data
Simu

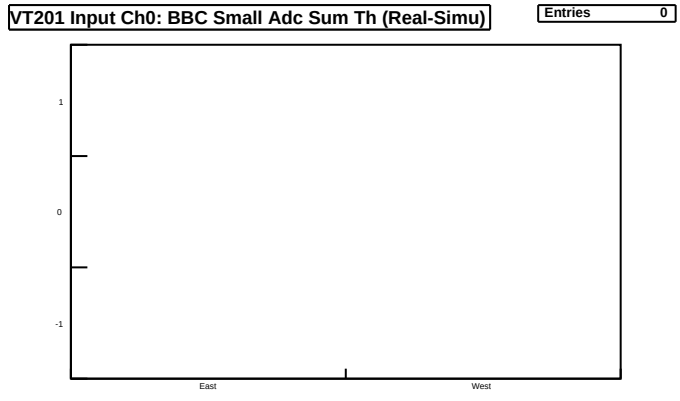

zdcAdcSum
Entries 3045216
28514
3874
20
16
8
7
64559
5281
66
59
48
45
225254
249894
253748
253752
253760
253761
189209
248487
253702
253709
253720
253723
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

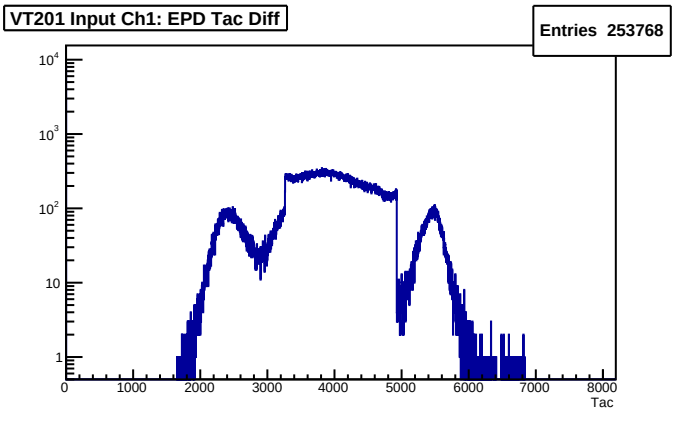

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

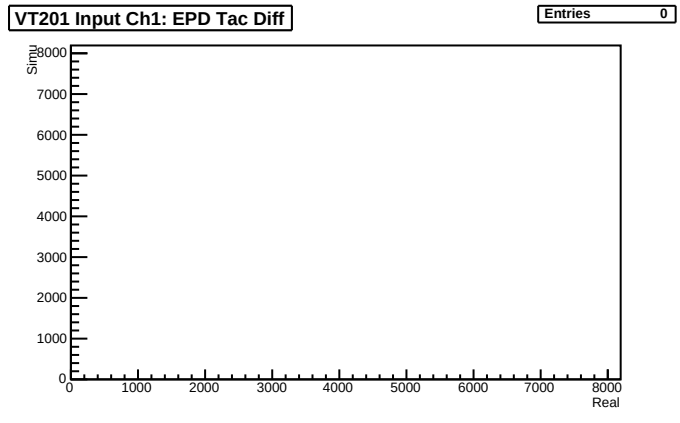

VT201 Input Ch0: BBC Small Tac Diff
Entries 253768
Tac

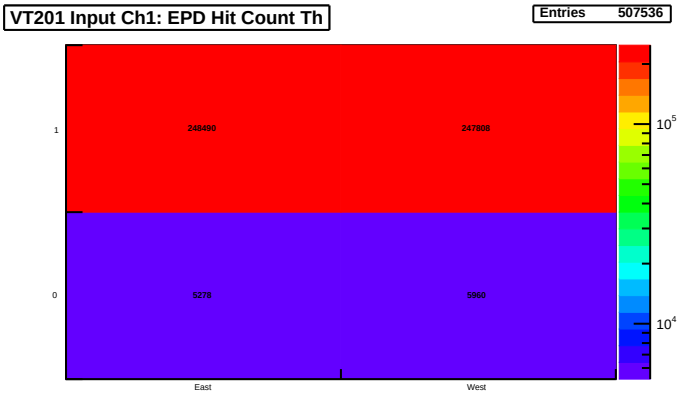

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

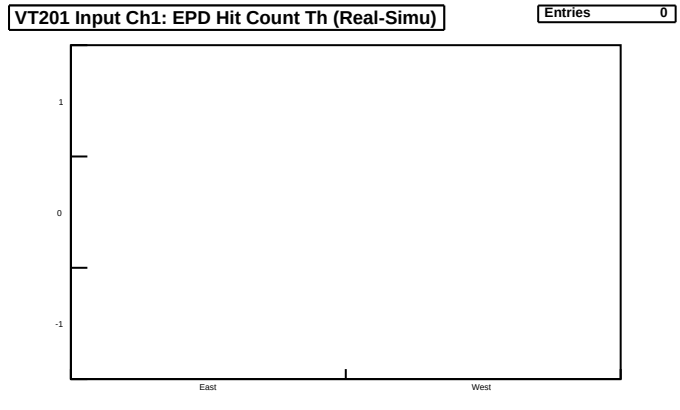

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 507536
213065
212405
40703
41363
East
West

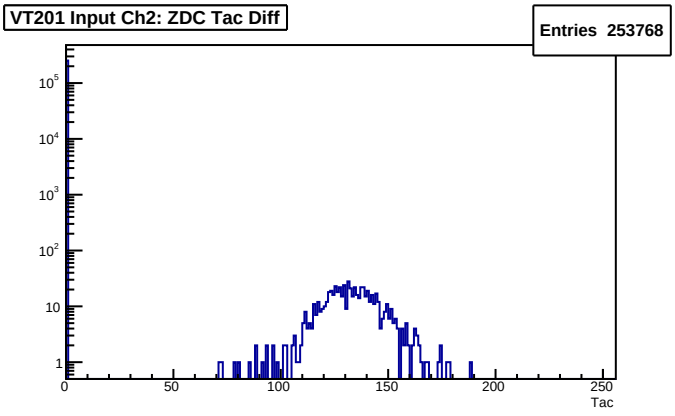

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

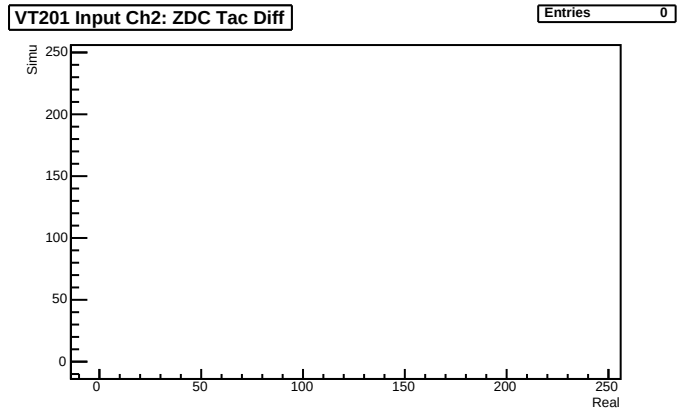

VT201 Input Ch1: EPD Tac Diff
Entries 253768
Tac

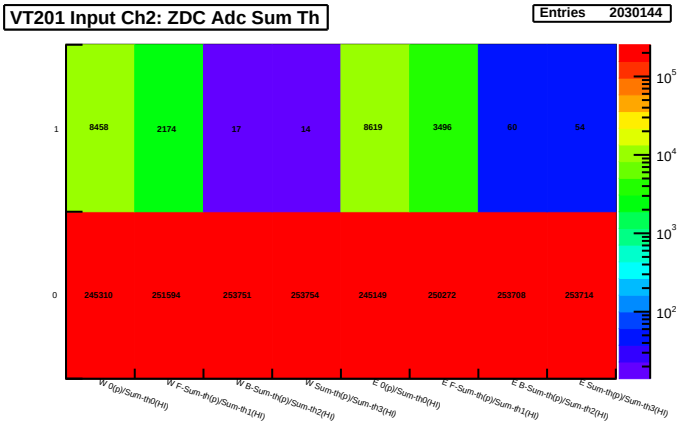

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

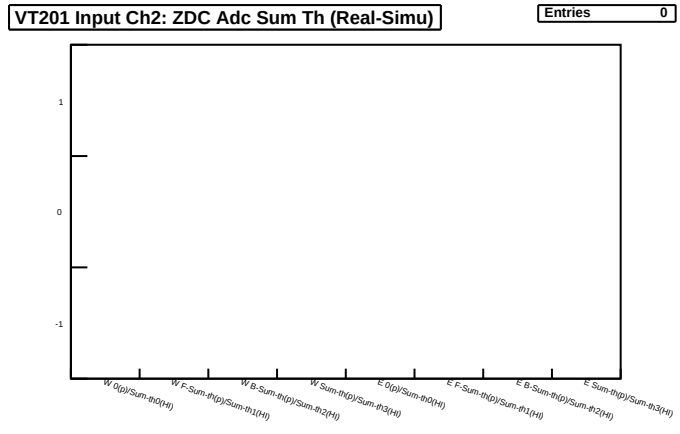

VT201 Input Ch1: EPD Hit Count Th
Entries 507536
248490
247808
5278
5960
East
West

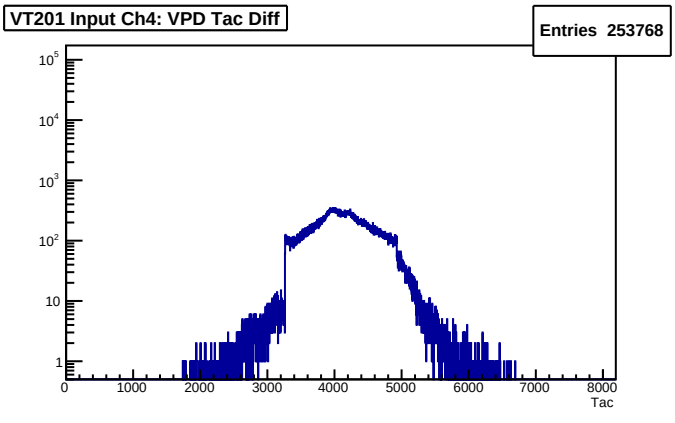

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

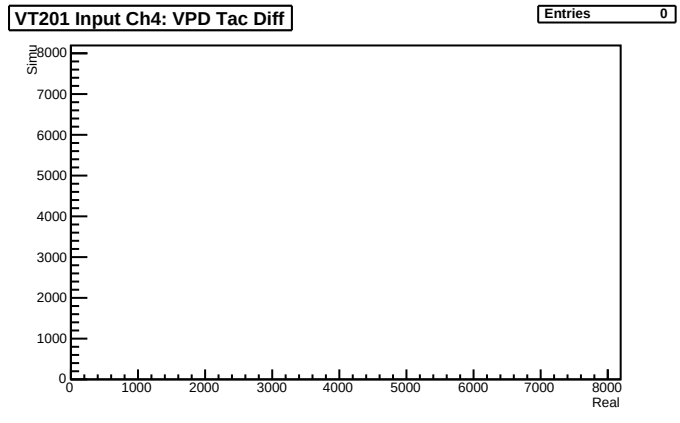

VT201 Input Ch2: ZDC Tac Diff
Entries 253768
Tac

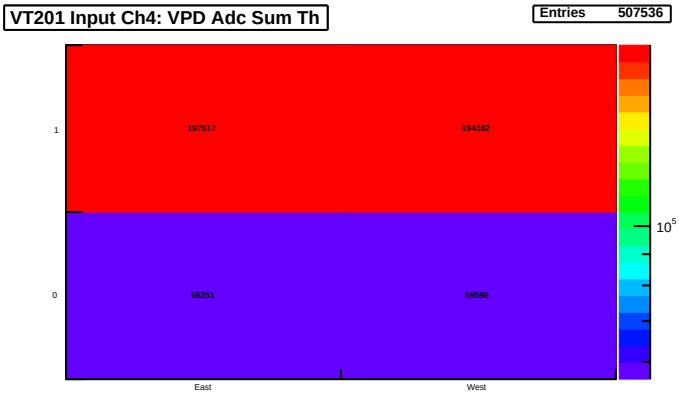

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

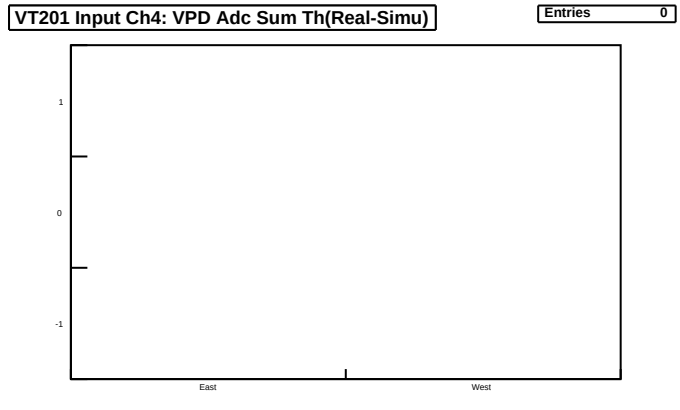

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2030144
8458
2174
17
14
8619
3496
60
54
245310
251594
253751
253754
245149
250272
253708
253714
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

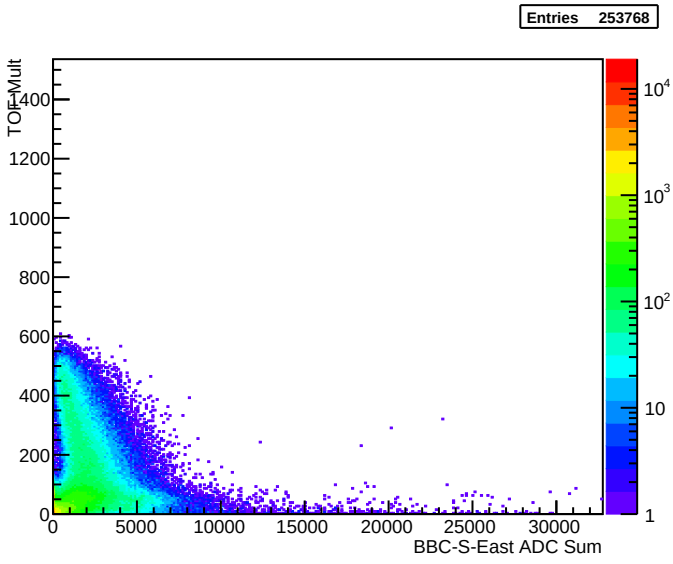

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

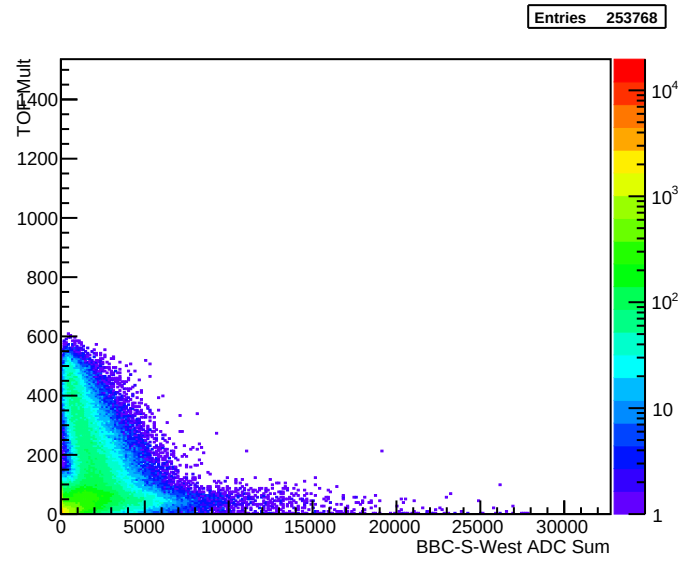

VT201 Input Ch4: VPD Tac Diff
Entries 253768
Tac

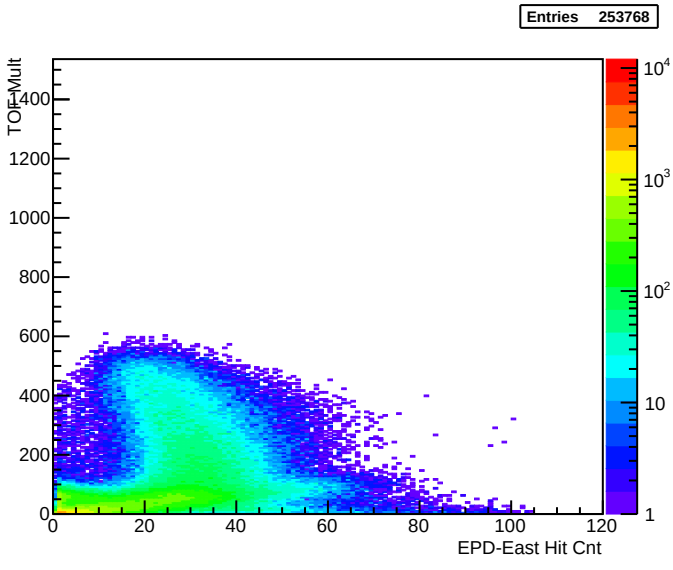

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

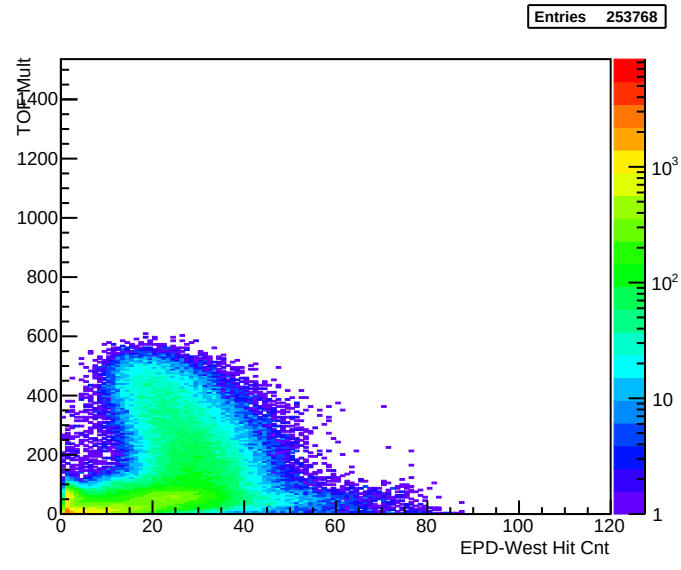

VT201 Input Ch4: VPD Adc Sum Th
Entries 507536
197517
194182
56251
59586
East
West

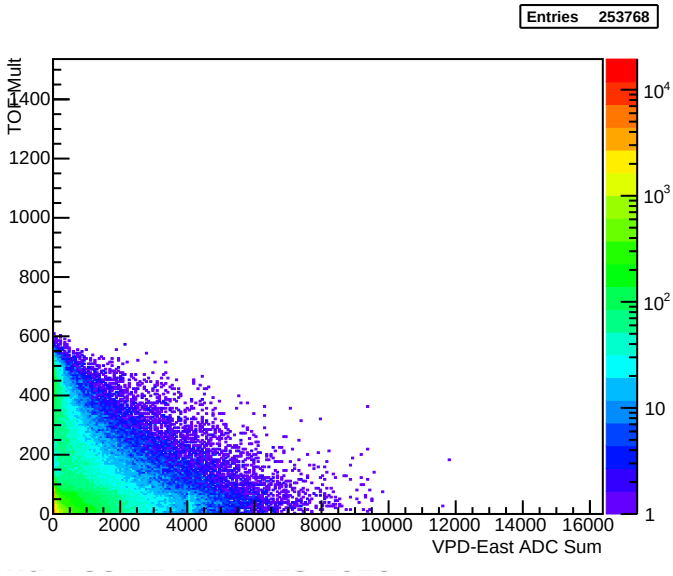

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

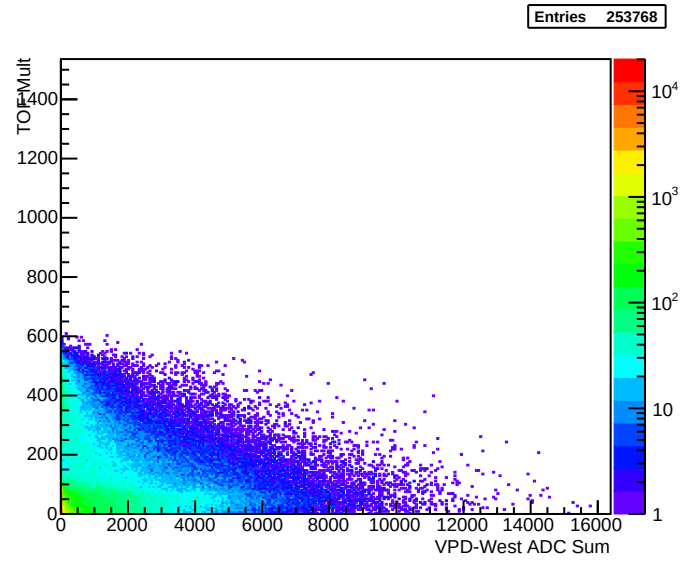

Entries 253768
TOF-Mult
BBC-S-East ADC Sum

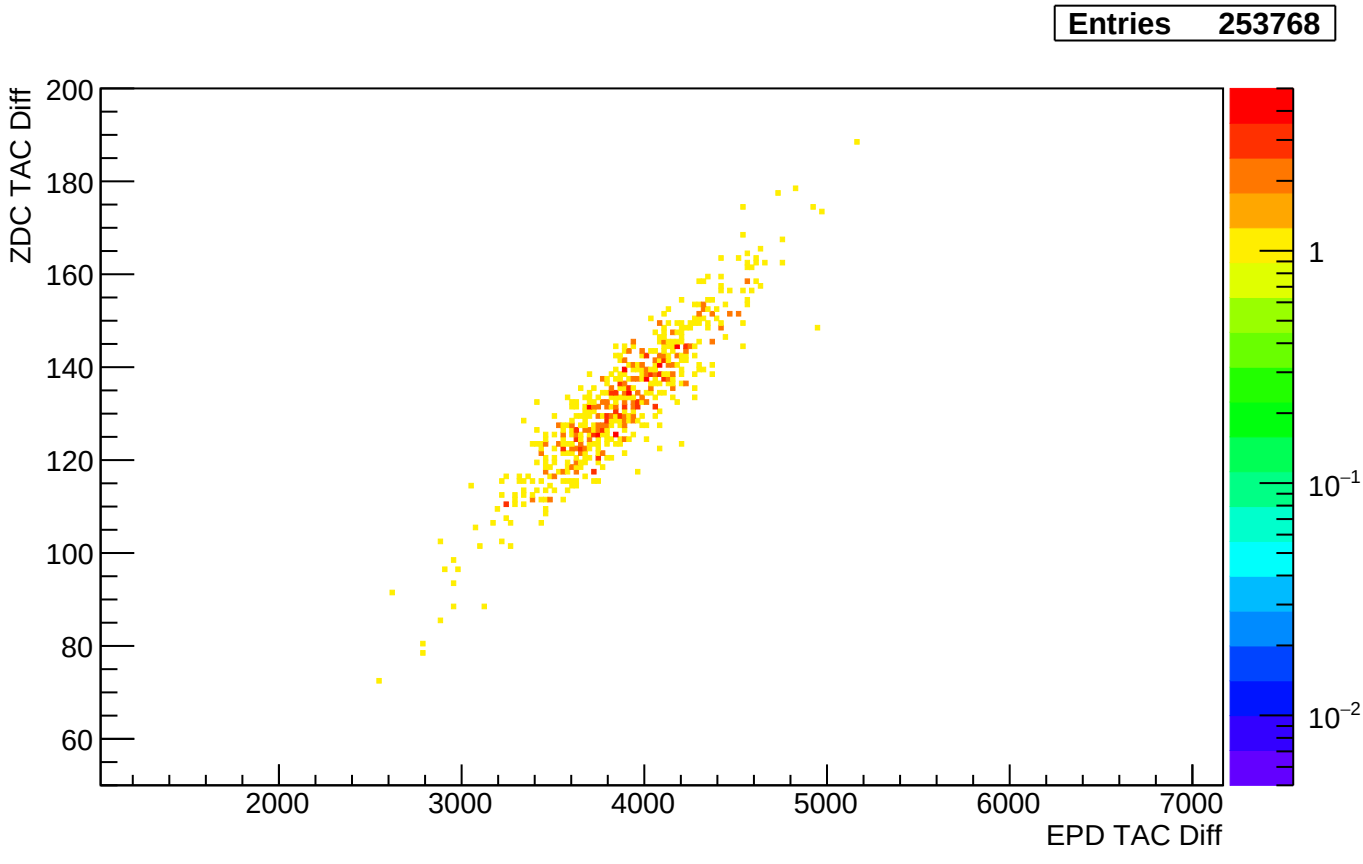

Entries 253768
TOF-Mult
BBC-S-West ADC Sum

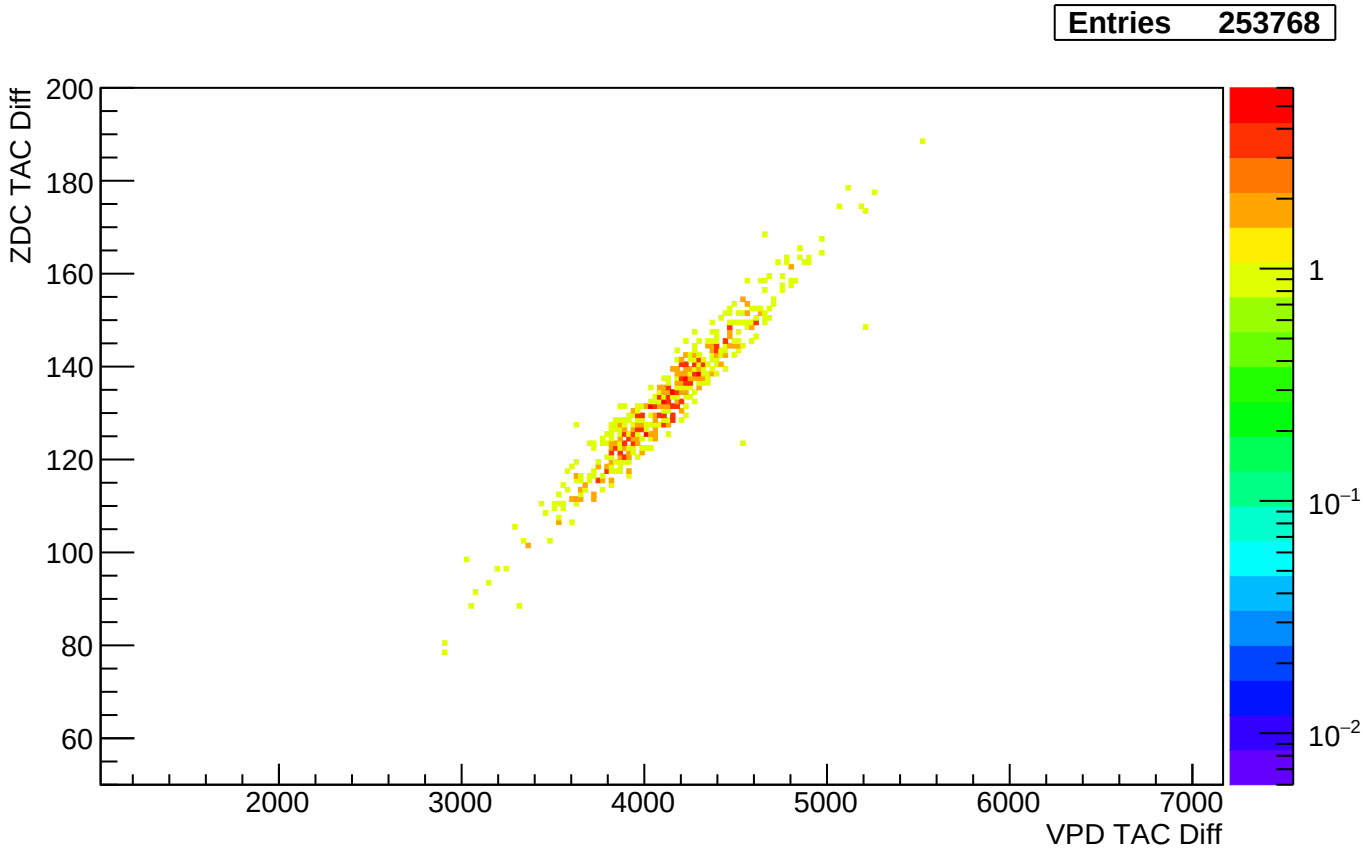

Entries 253768
TOF-Mult
EPD-East Hit Cnt

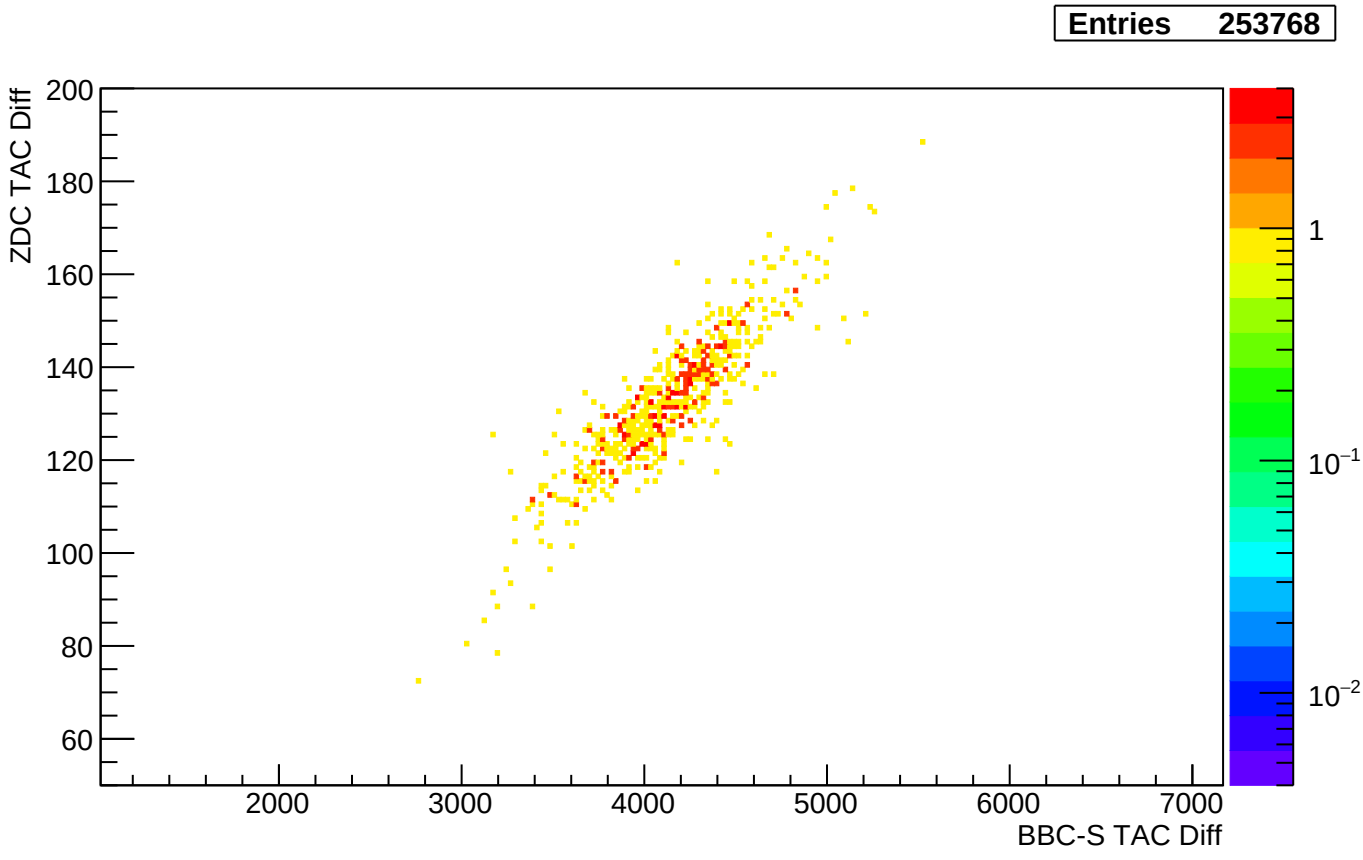

Entries 253768
TOF-Mult
EPD-West Hit Cnt

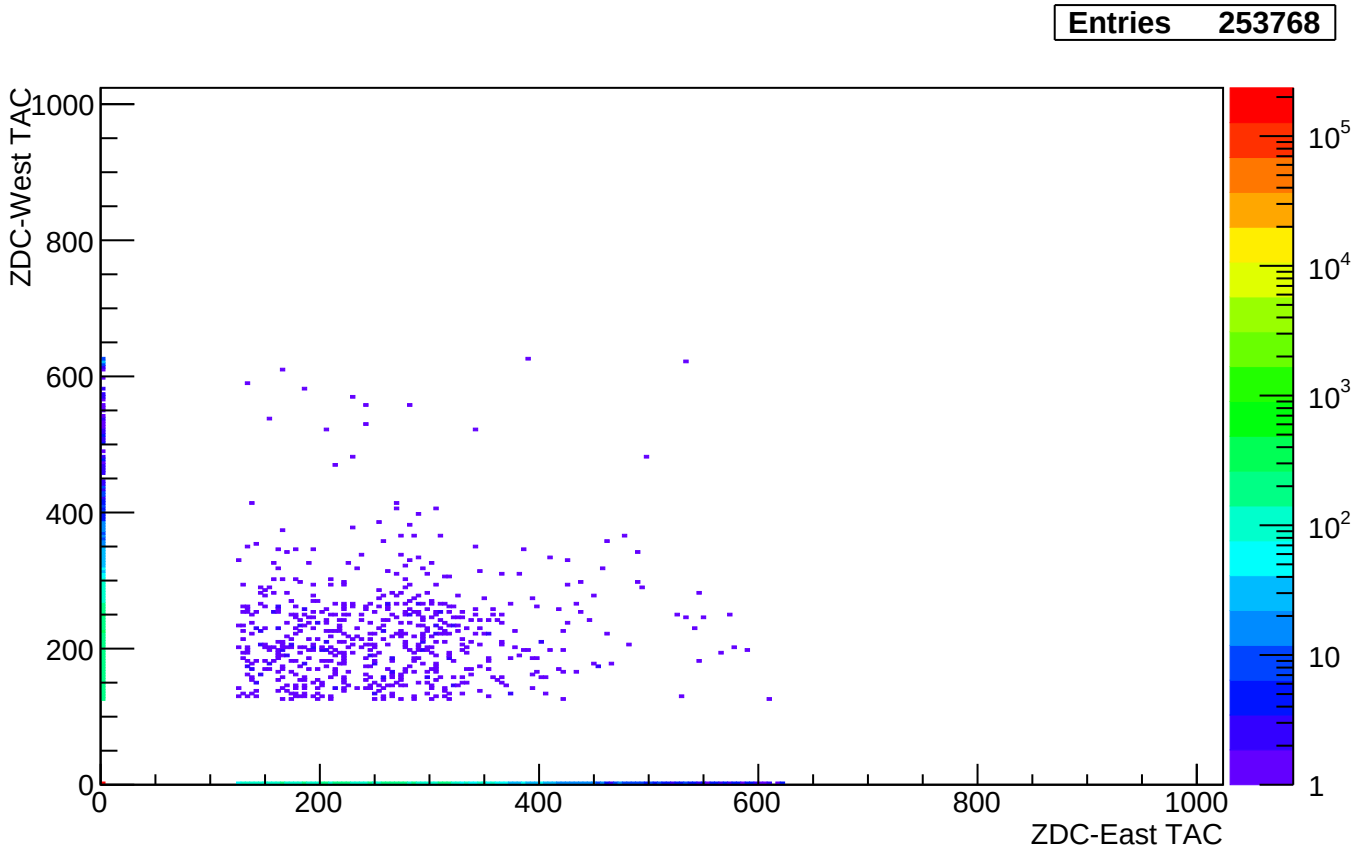

Entries 253768
TOF-Mult
VPD-East ADC Sum

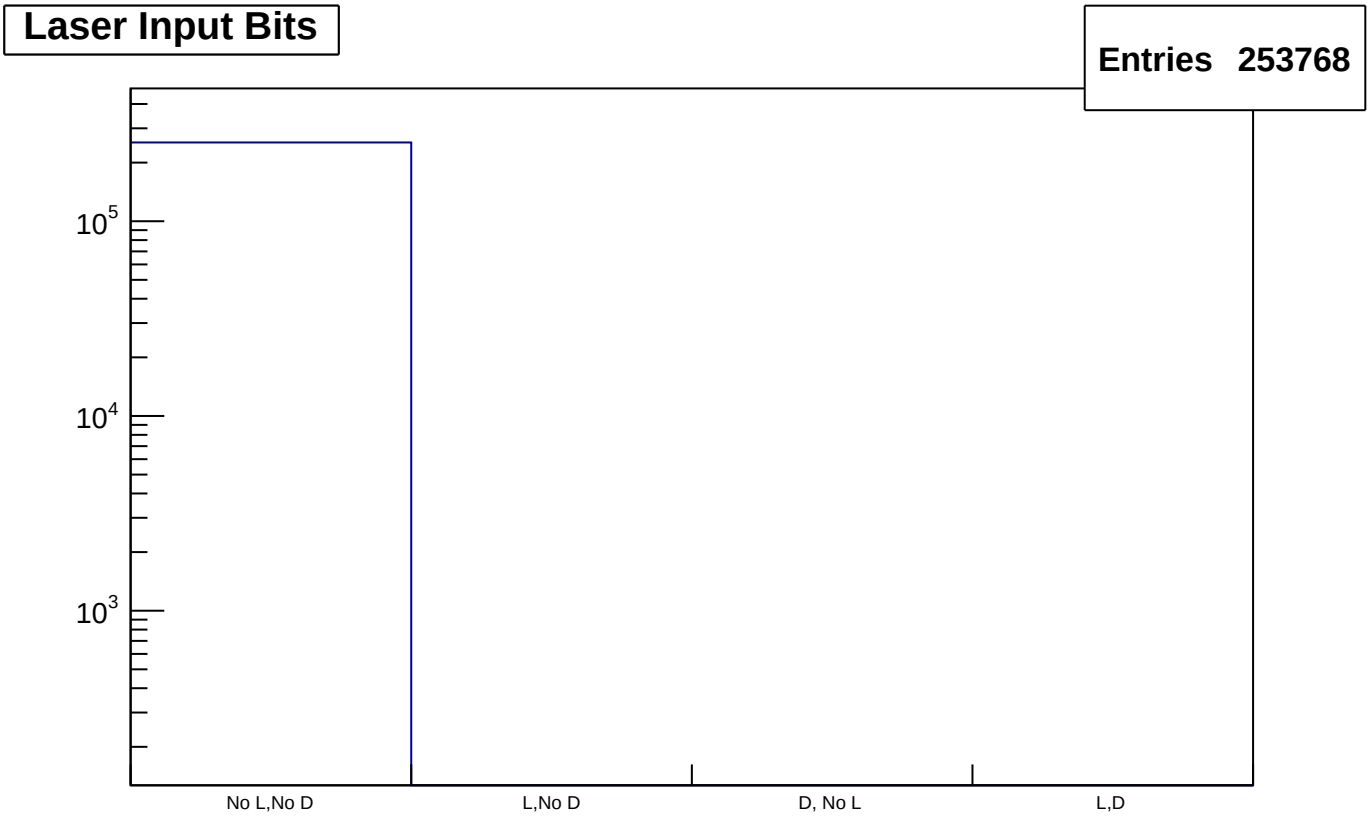

Entries 253768
TOF-Mult
VPD-West ADC Sum

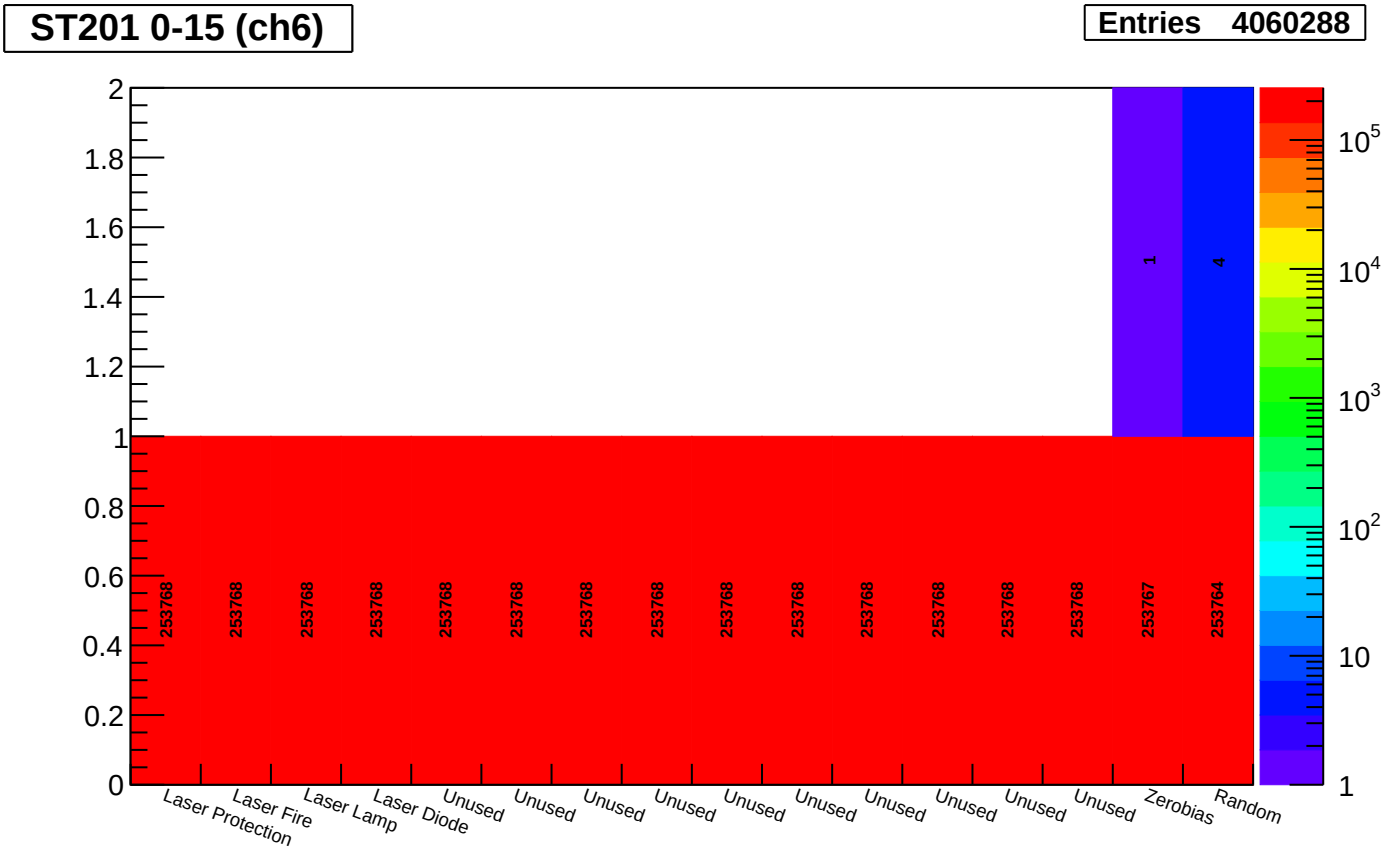

Entries 253768
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

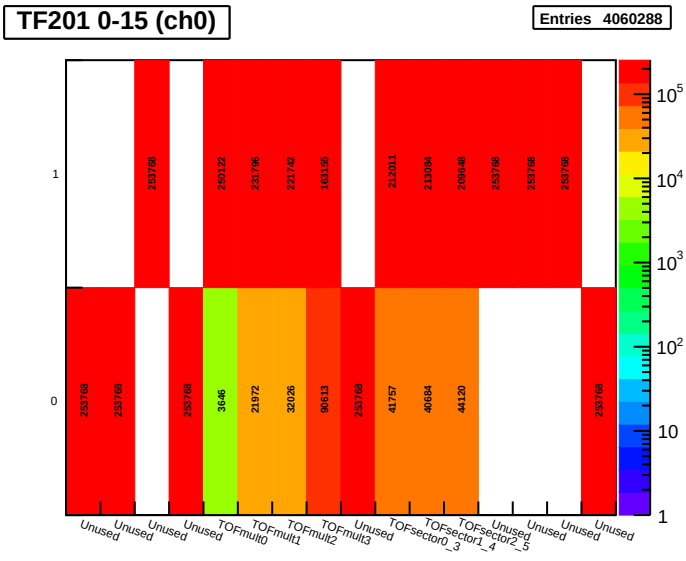

Entries 253768
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

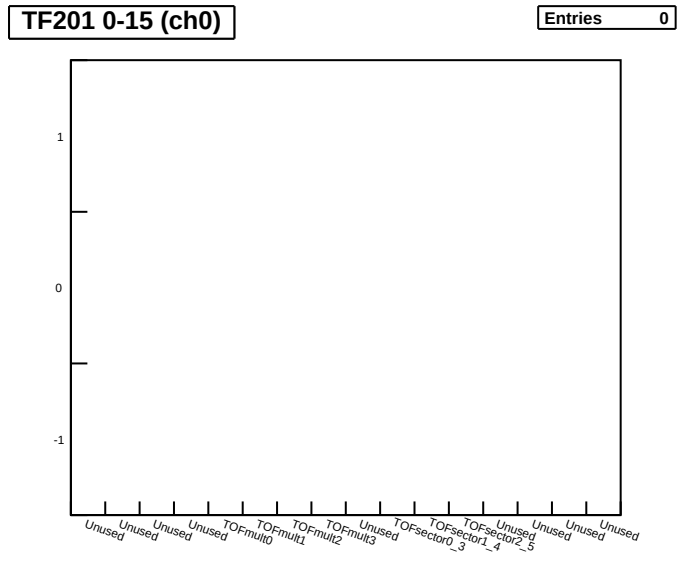

Entries 253768
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

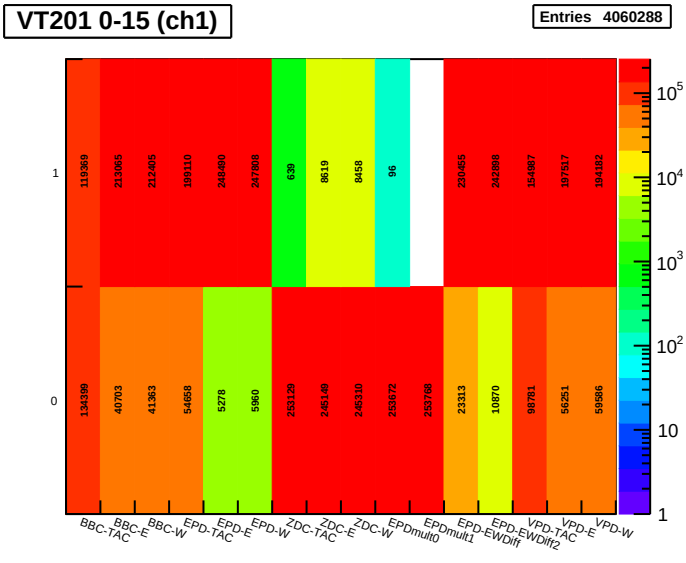

Entries 253768
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

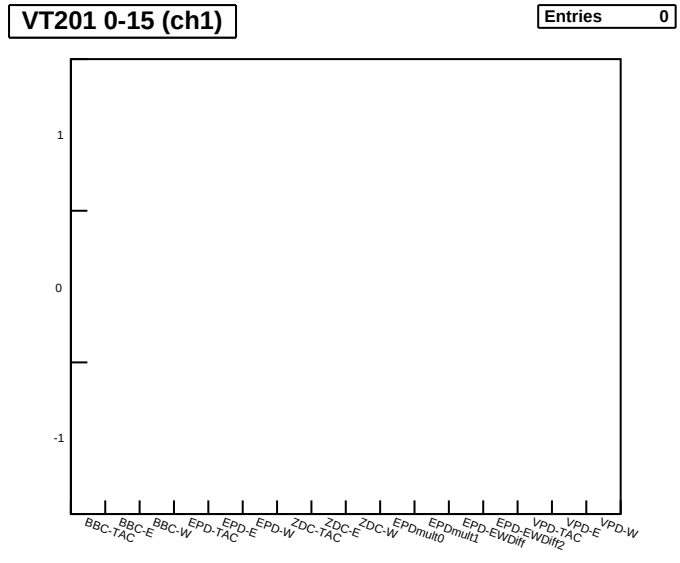

Laser Input Bits
Entries 253768
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

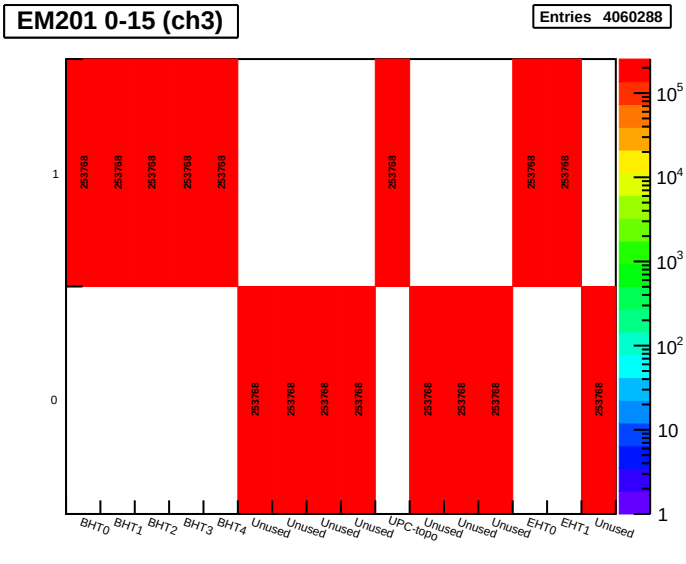

ST201 0-15 (ch6)
Entries 4060288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
253768
253768
253768
253768
253768
253768
253768
253768
253768
253768
253768
253768
253768
253768
253767
253764
1
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

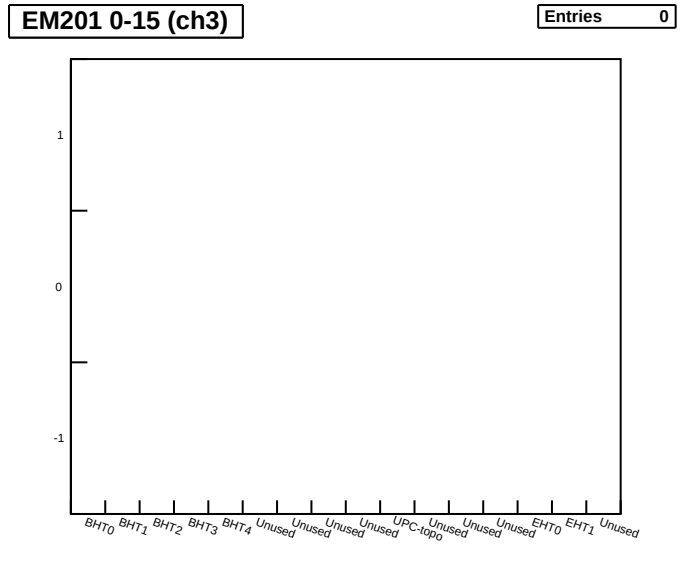

TF201 0-15 (ch0)
Entries 4060288
1
0
253768 253768 253768 253768 230122 231796 221742 163155 212011 213084 209648 253768 253768 253768
253768 253768 253768 3646 21972 32026 90613 253768 41757 40684 44120 253768
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4060288
1
0
119359 213055 212405 199110 248490 247808 639 8619 8458 96 230455 242898 154987 197517 194182
134399 40703 41363 54668 5278 5960 263129 245149 245310 253672 253768 23313 10870 98761 56251 59586
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 4060288
1
0
253768 253768 253768 253768 253768 253768 253768
253768 253768 253768 253768 253768 253768 253768 253768
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