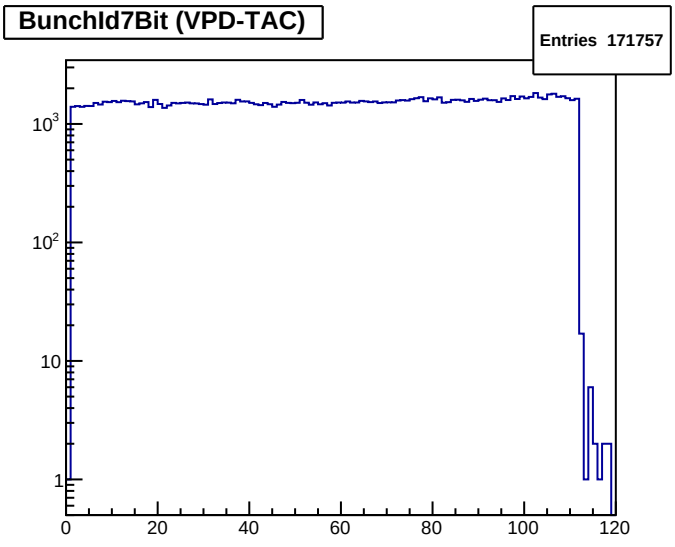
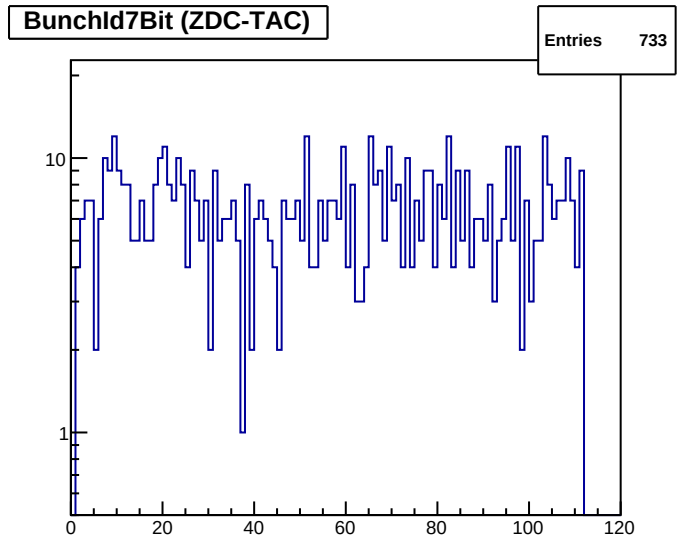
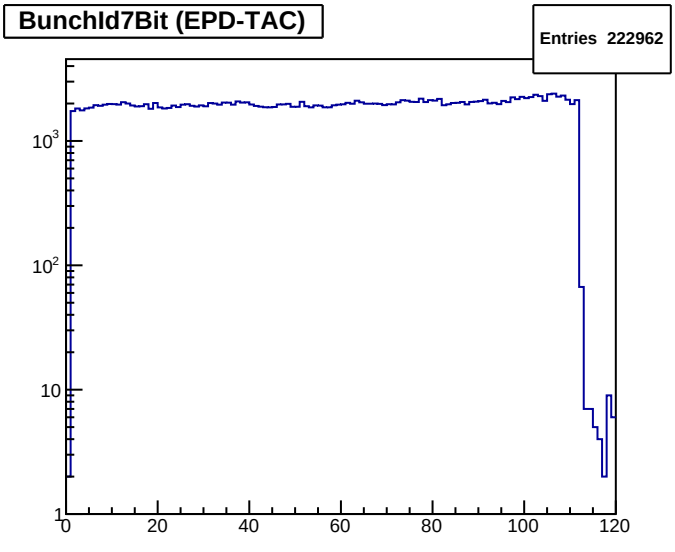
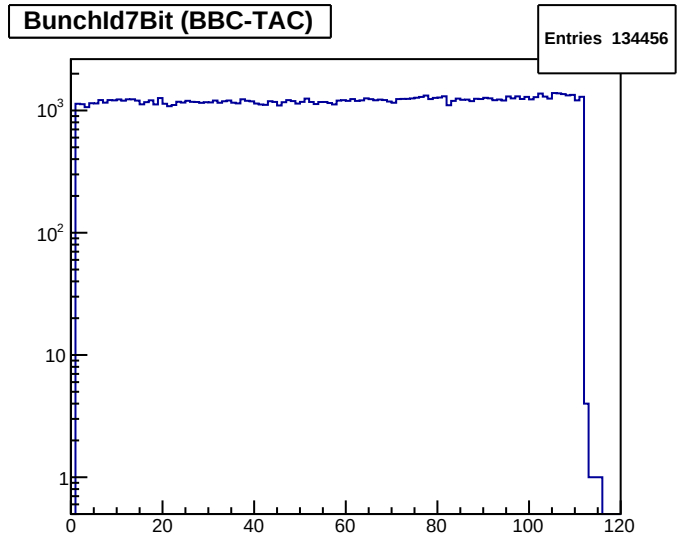
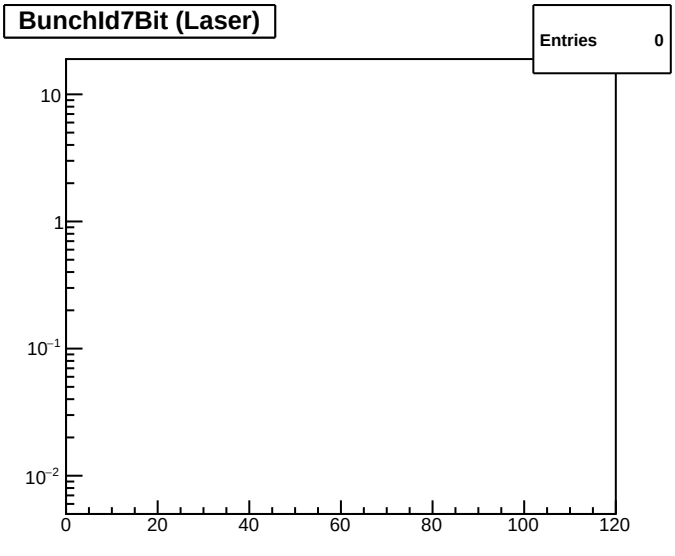
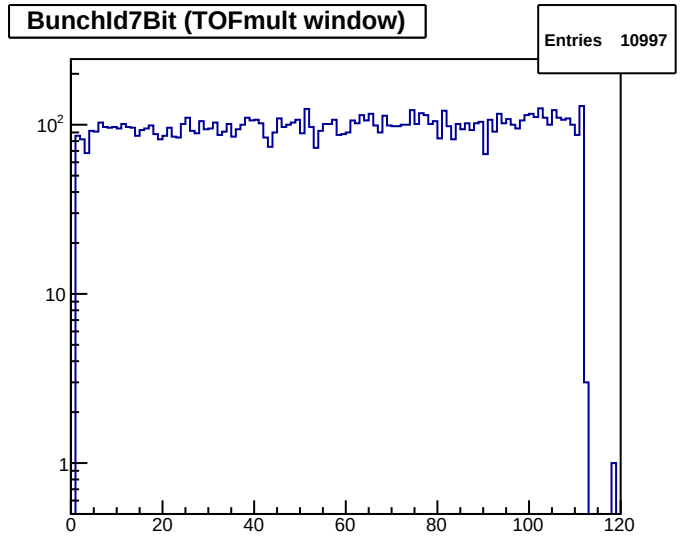

BunchId7Bit (VPD-TAC)
Entries 171757

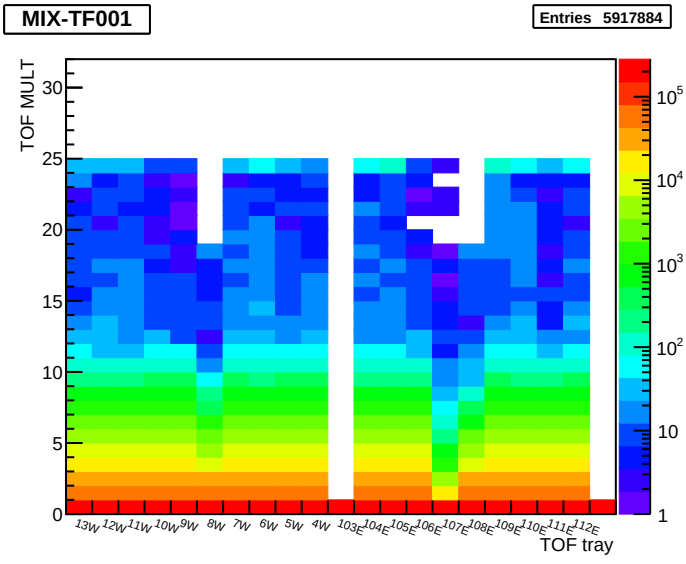

BunchId7Bit (ZDC-TAC)
Entries 733

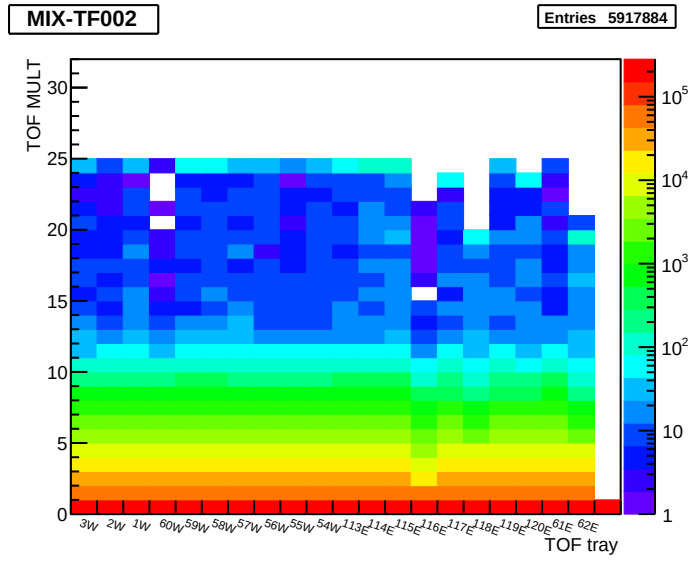

BunchId7Bit (EPD-TAC)
Entries 222962

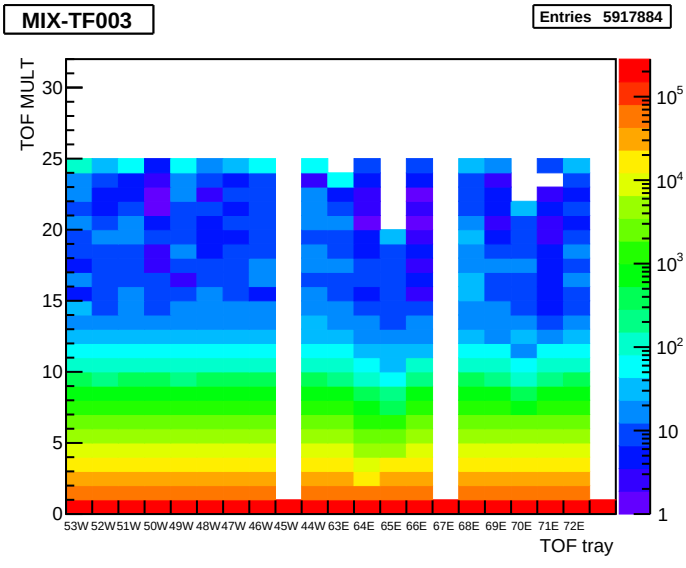

BunchId7Bit (BBC-TAC)
Entries 134456

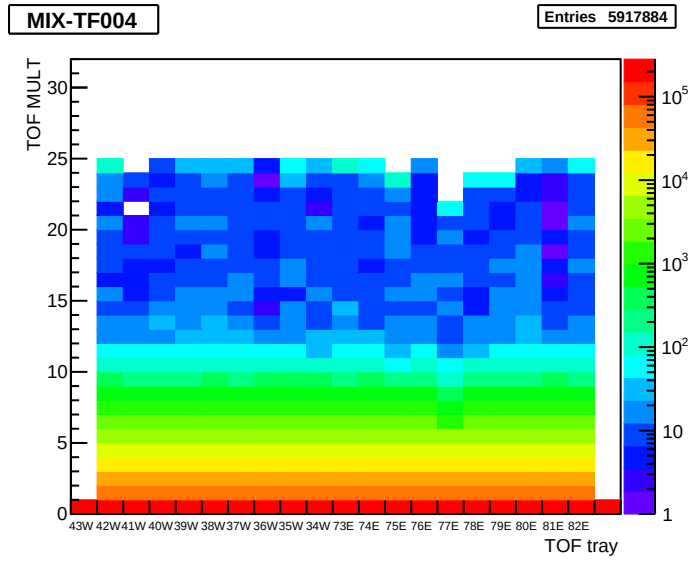

BunchId7Bit (Laser)
Entries 0

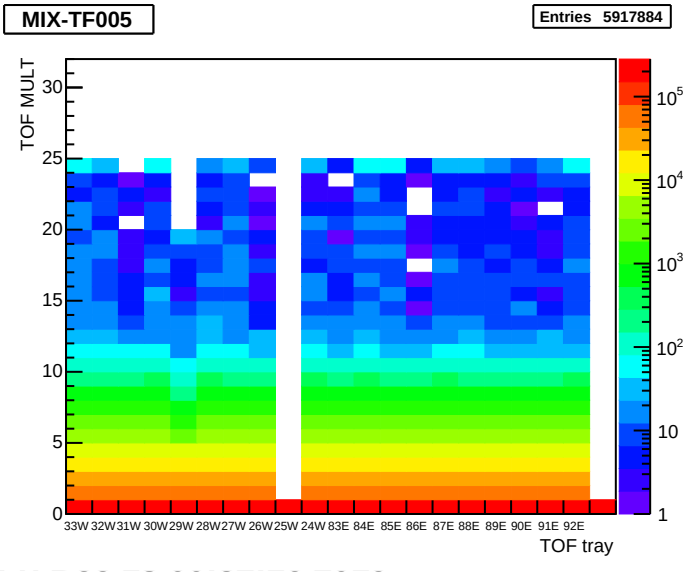

BunchId7Bit (TOFmult window)
Entries 10997

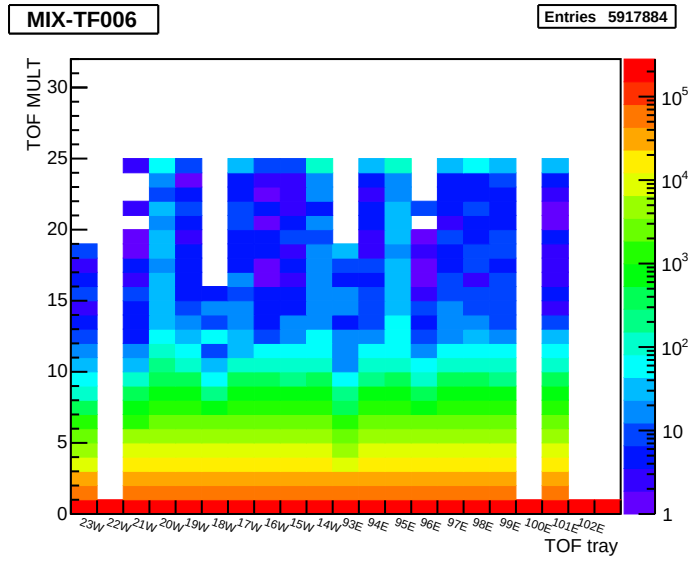

MIX-TF001
Entries 5917884
TOF MULT
TOF tray

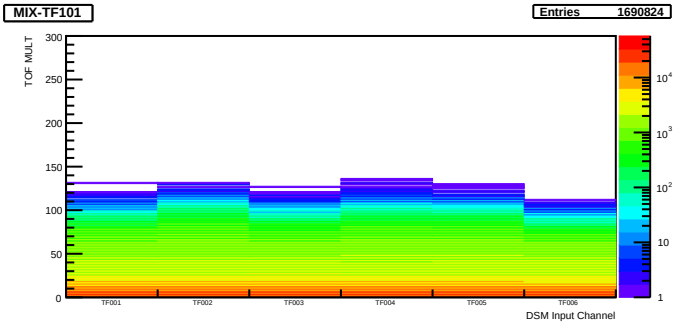

MIX-TF002
Entries 5917884
TOF MULT
TOF tray

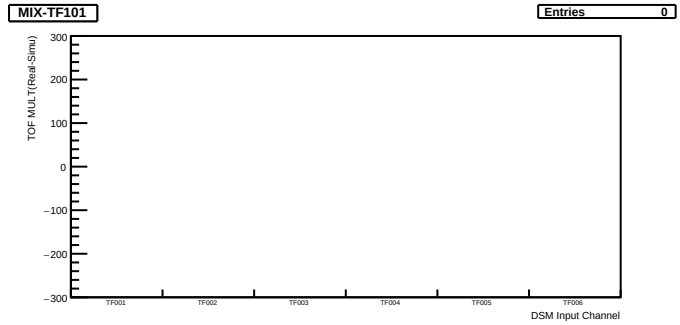

MIX-TF003
Entries 5917884
TOF MULT
TOF tray

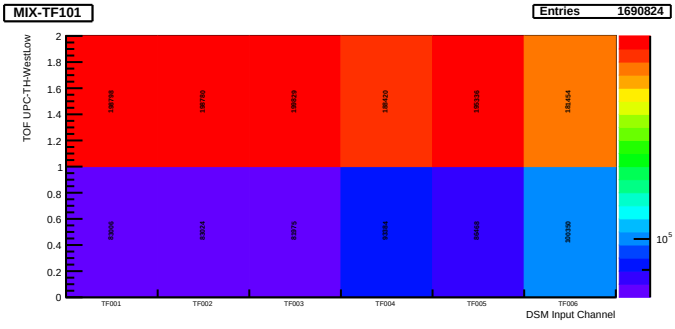

MIX-TF004
Entries 5917884
TOF MULT
TOF tray

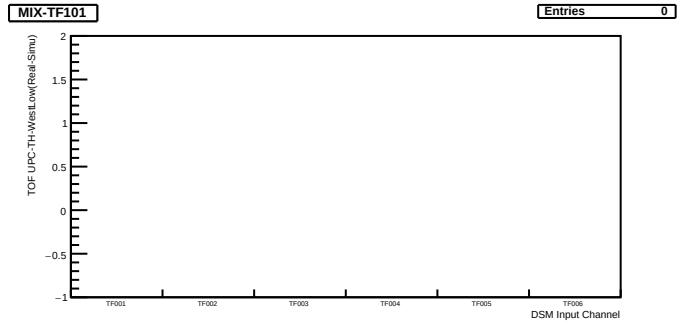

MIX-TF005
Entries 5917884
TOF MULT
TOF tray

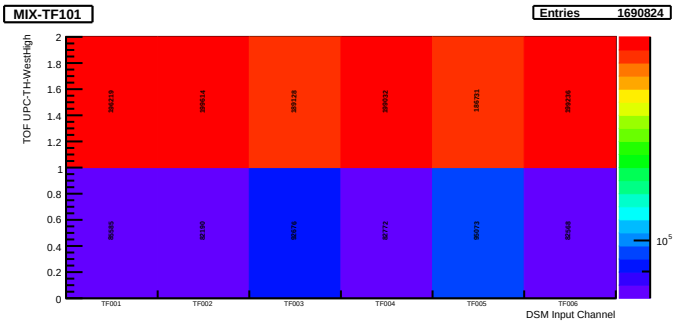

MIX-TF006
Entries 5917884
TOF MULT
TOF tray

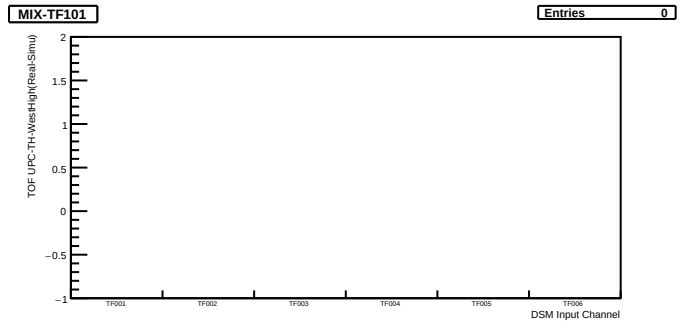

MIX-TF101
Entries 1690824
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

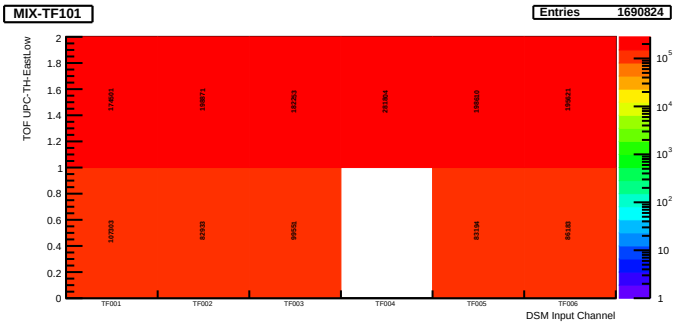

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

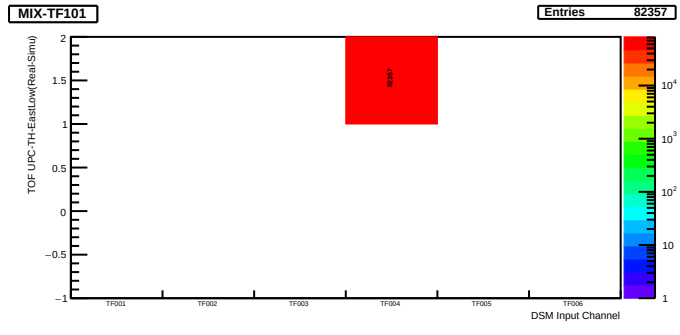

MIX-TF101
Entries 1690824
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

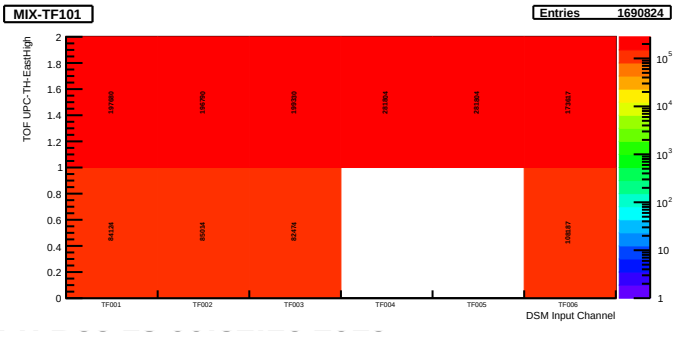

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

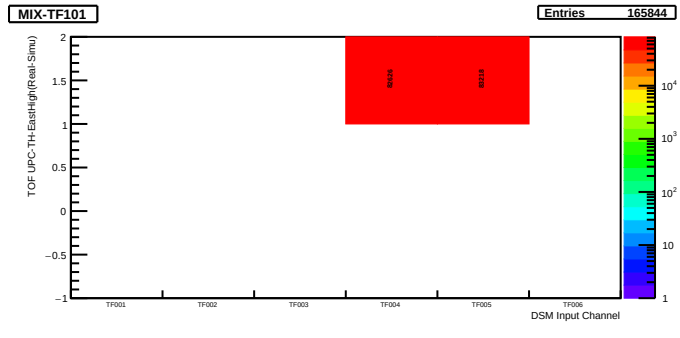

MIX-TF101
Entries 1690824
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

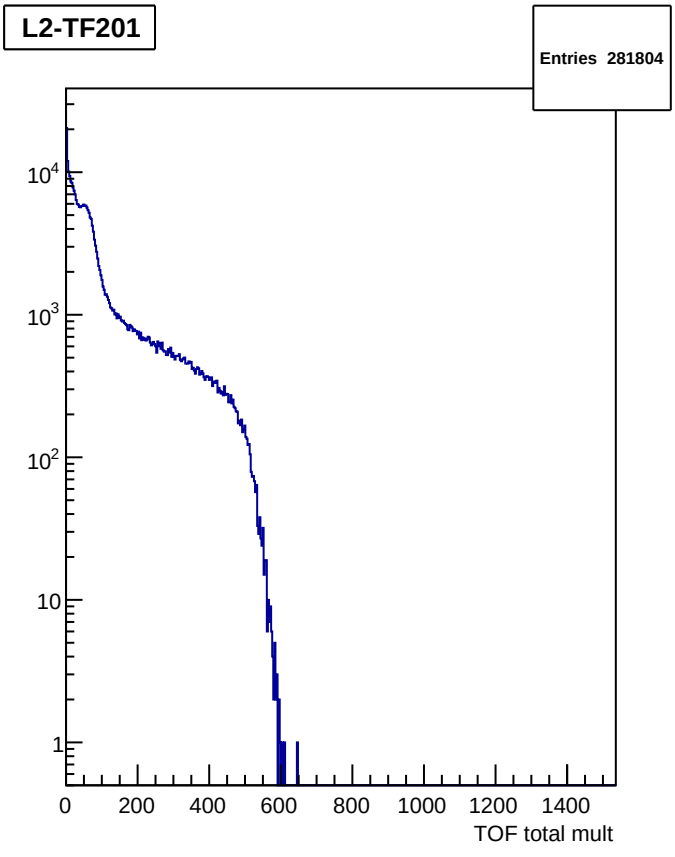

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

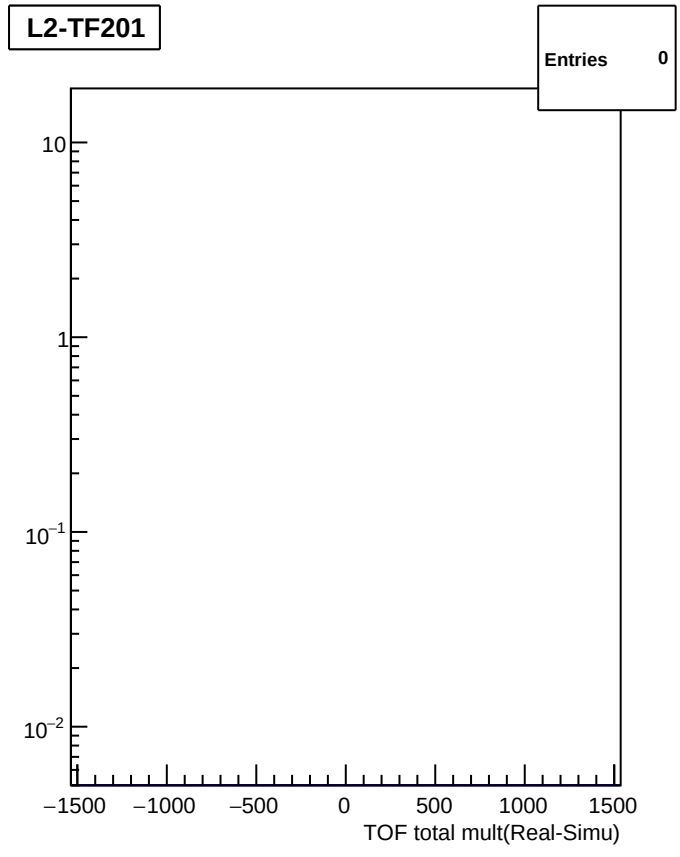

MIX-TF101
Entries 1690824
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

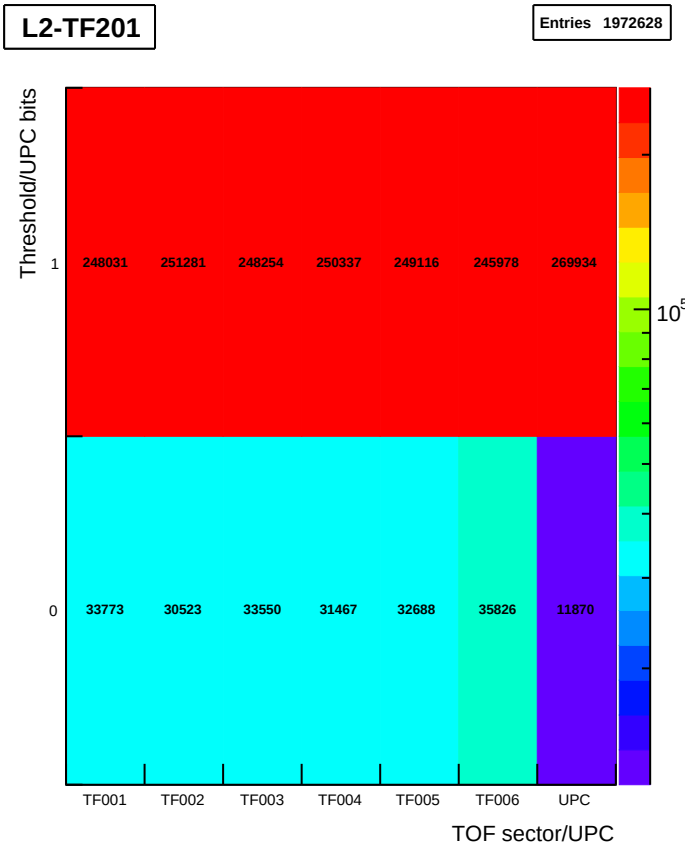

MIX-TF101
Entries 82357
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

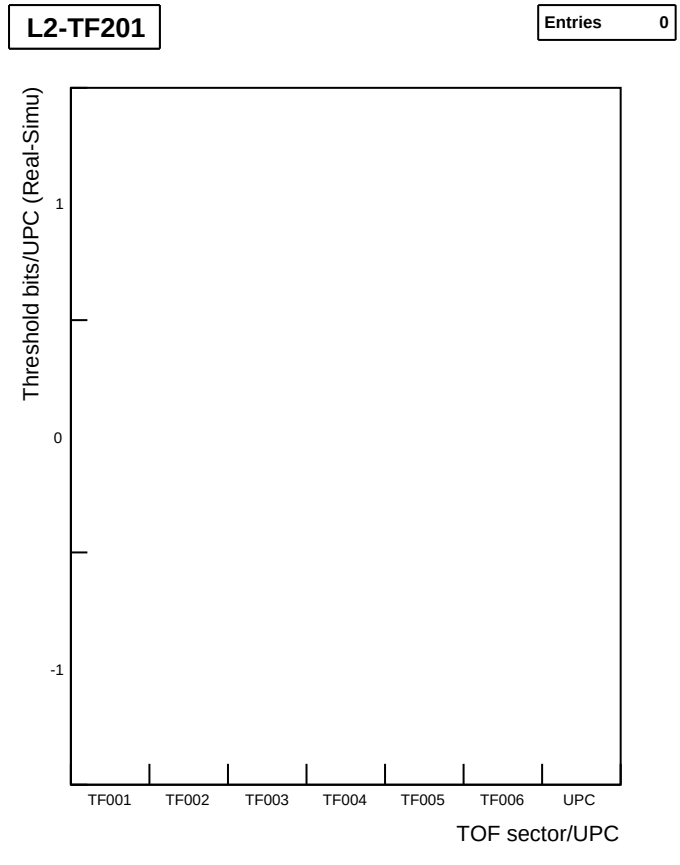

MIX-TF101
Entries 1690824
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

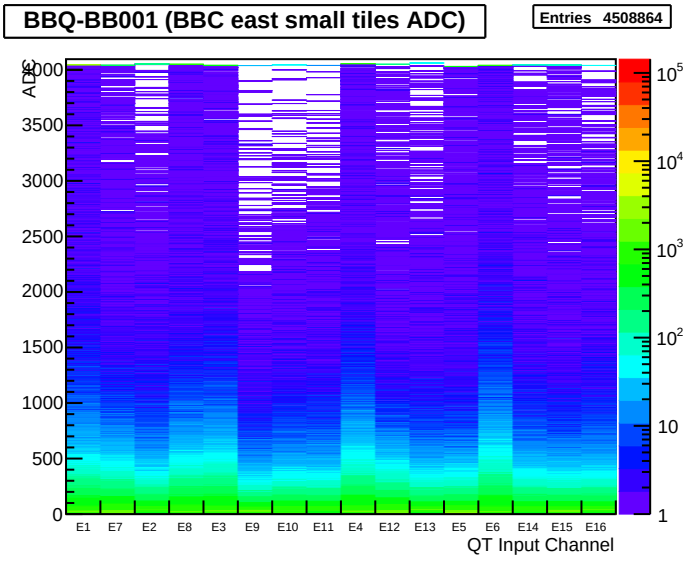

MIX-TF101
Entries 165844
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

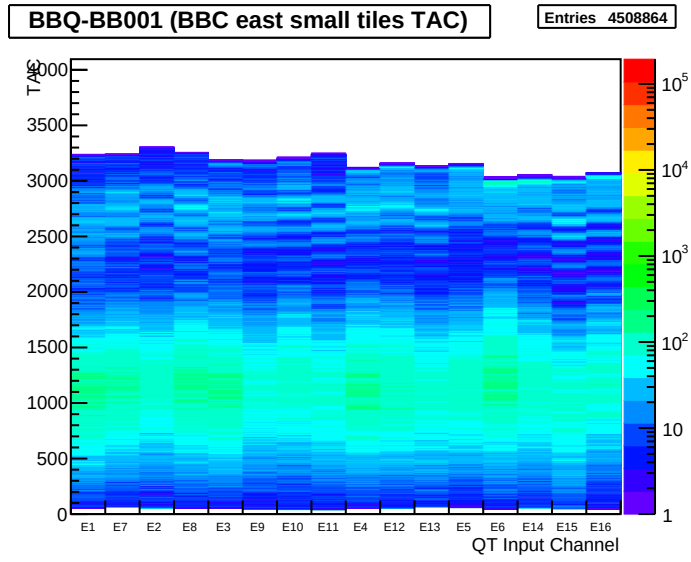

L2-TF201
Entries 281804
TOF total mult

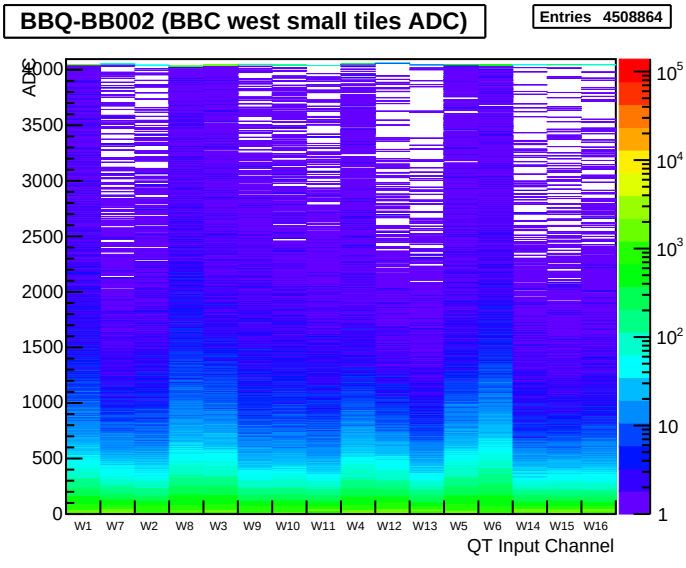

L2-TF201
Entries 0
TOF total mult(Real-Simu)

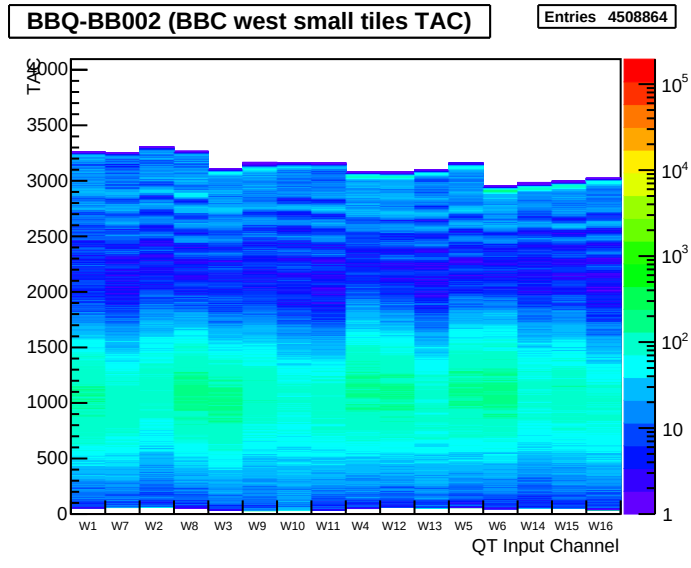

L2-TF201
Entries 1972628
Threshold/UPC bits
248031 251281 248254 250337 249116 245978 269934
33773 30523 33550 31467 32688 35826 11870
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

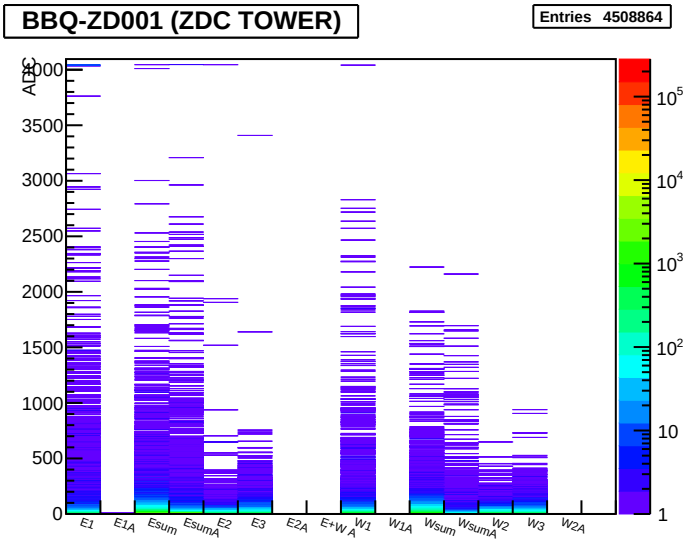

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

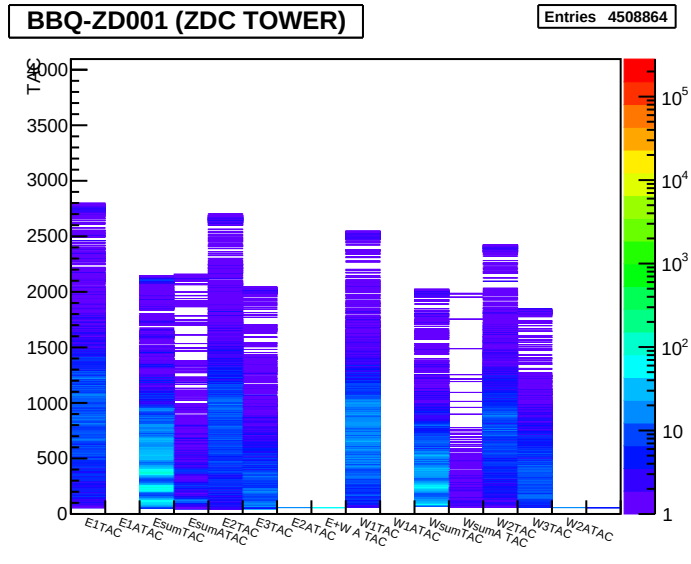

BBQ-BB001 (BBC east small tiles ADC)
Entries 4508864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

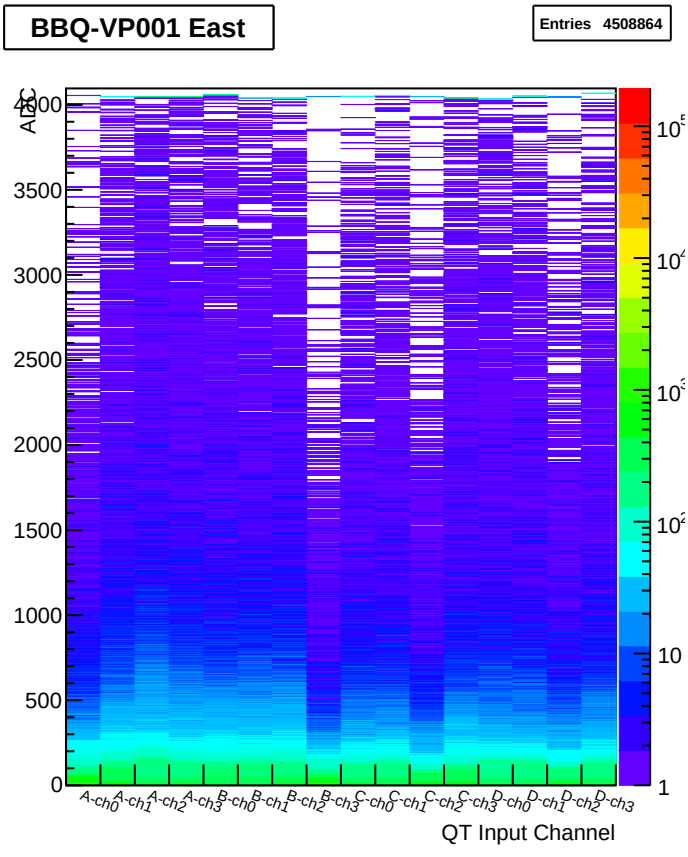

BBQ-BB001 (BBC east small tiles TAC)
Entries 4508864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

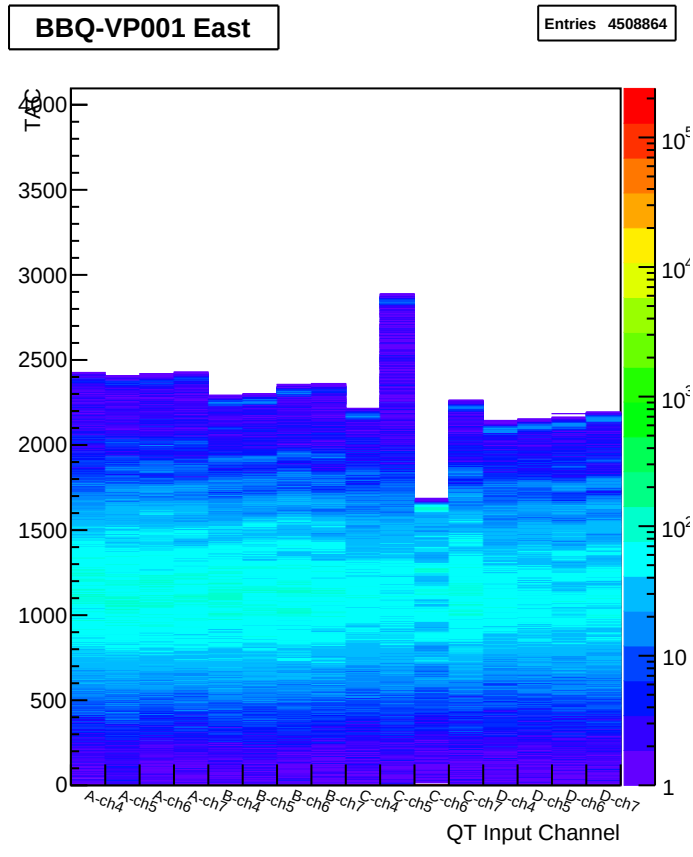

BBQ-BB002 (BBC west small tiles ADC)
Entries 4508864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

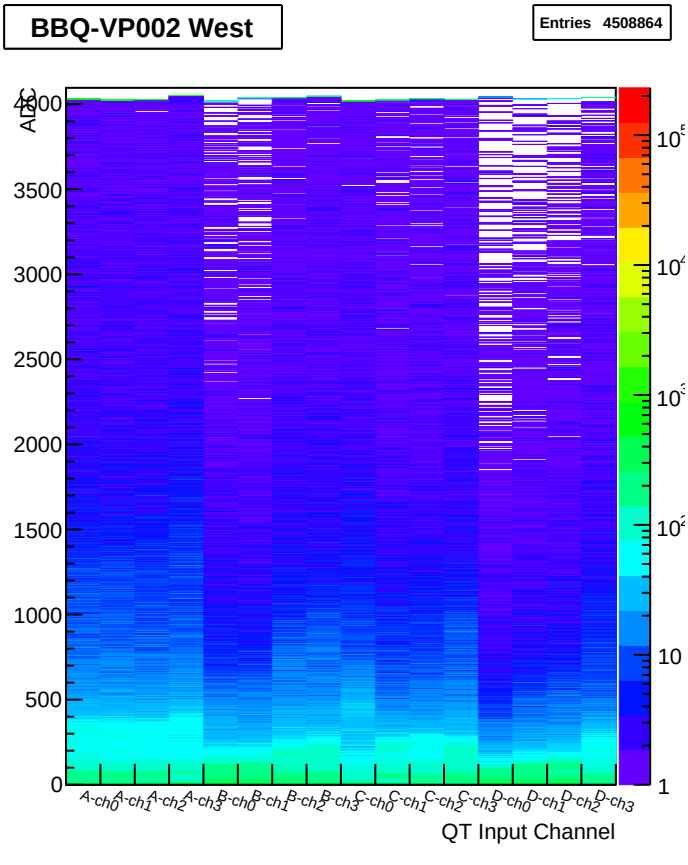

BBQ-BB002 (BBC west small tiles TAC)
Entries 4508864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

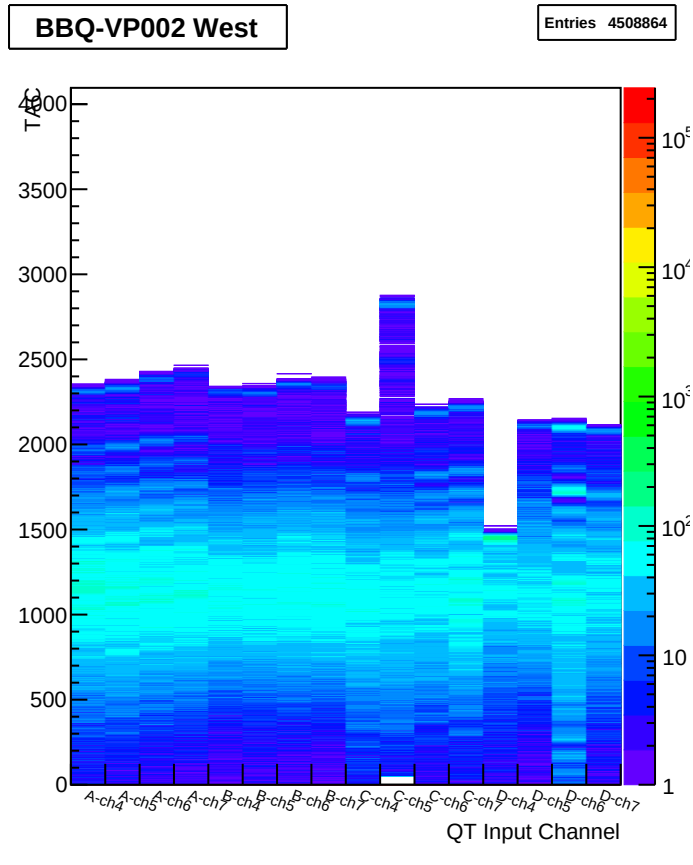

BBQ-ZD001 (ZDC TOWER)
Entries 4508864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

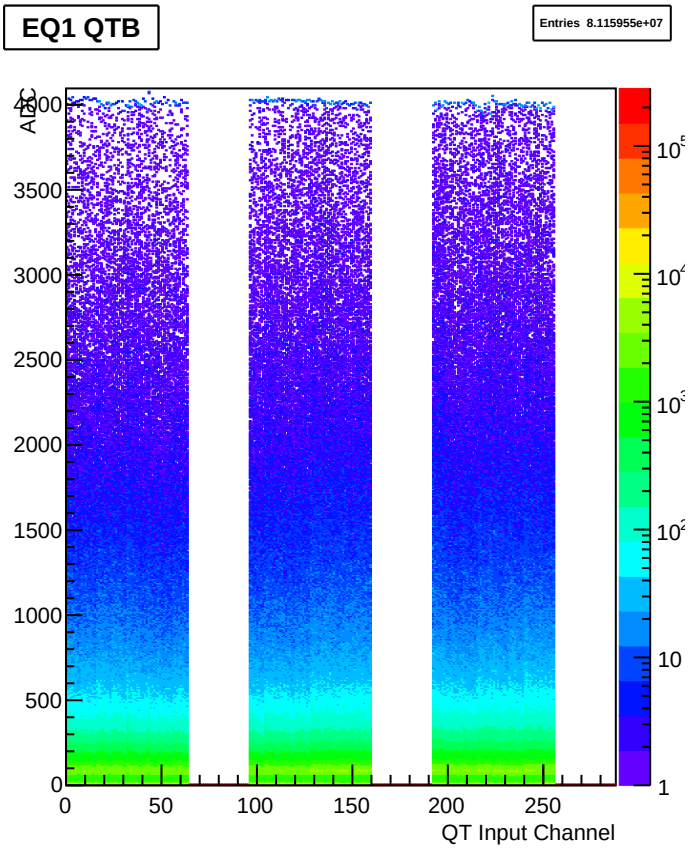

BBQ-ZD001 (ZDC TOWER)
Entries 4508864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

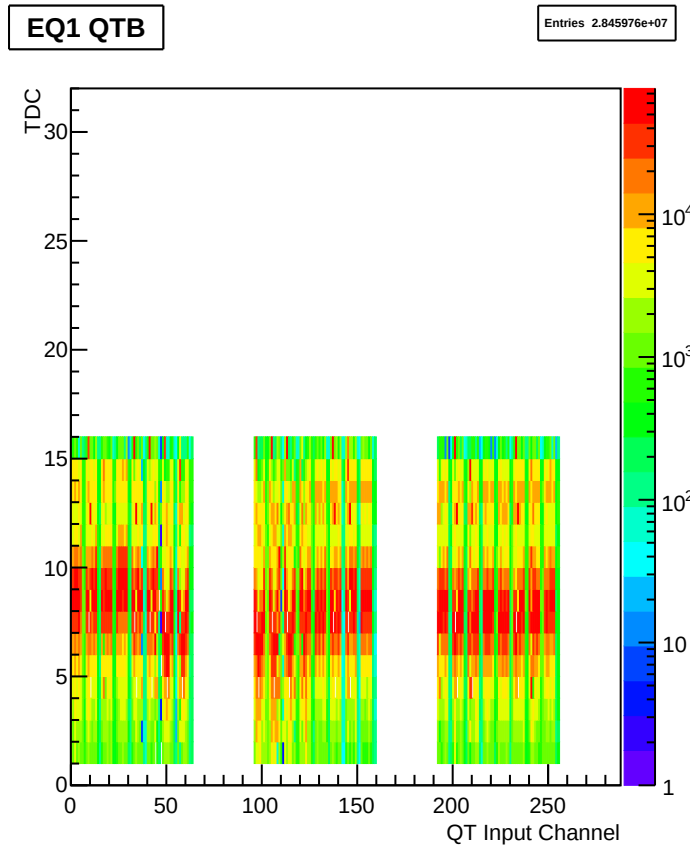

BBQ-VP001 East
Entries 4508864
ADC
QT Input Channel

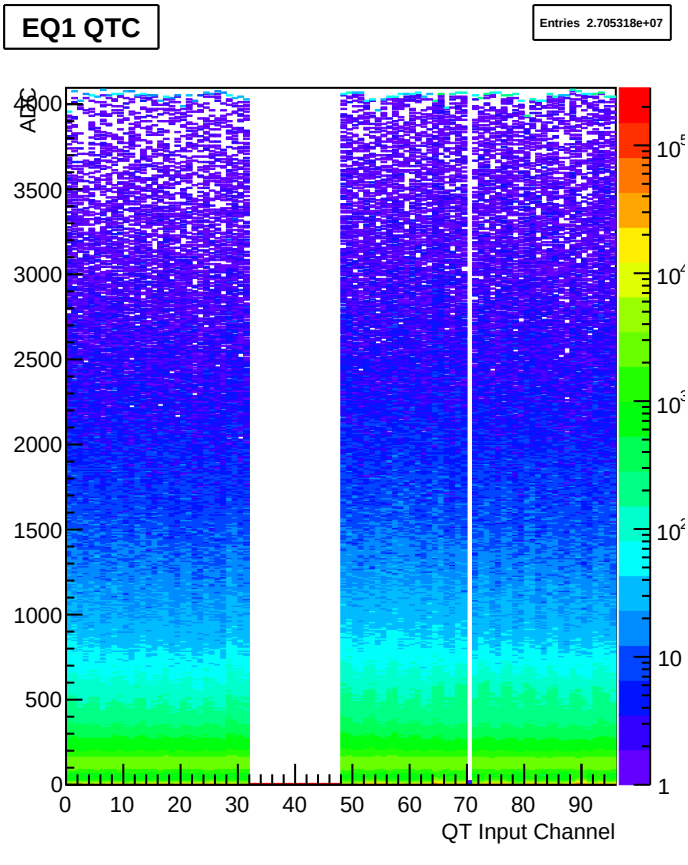

BBQ-VP001 East
Entries 4508864
TADC
QT Input Channel

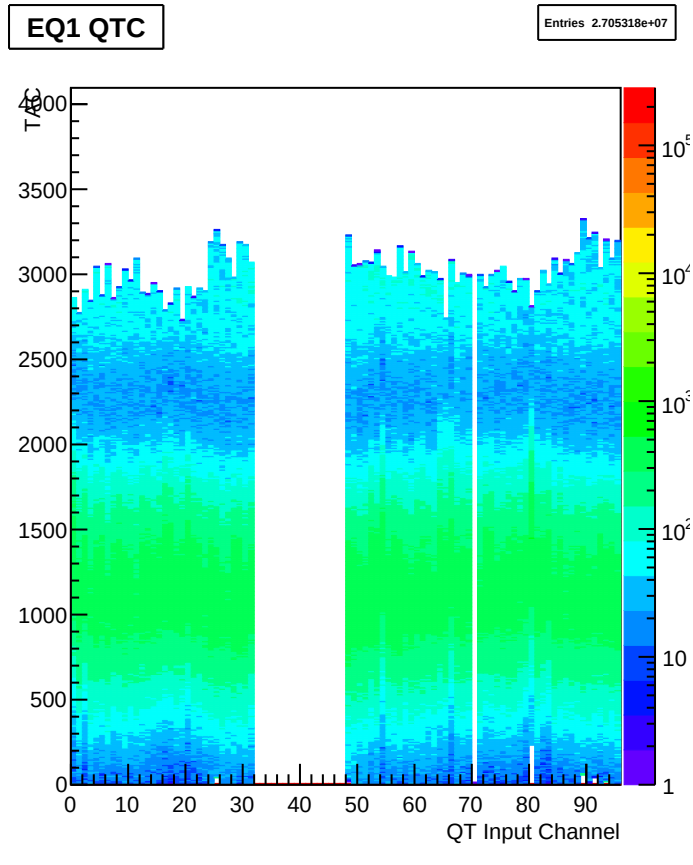

BBQ-VP002 West
Entries 4508864
ADC
QT Input Channel

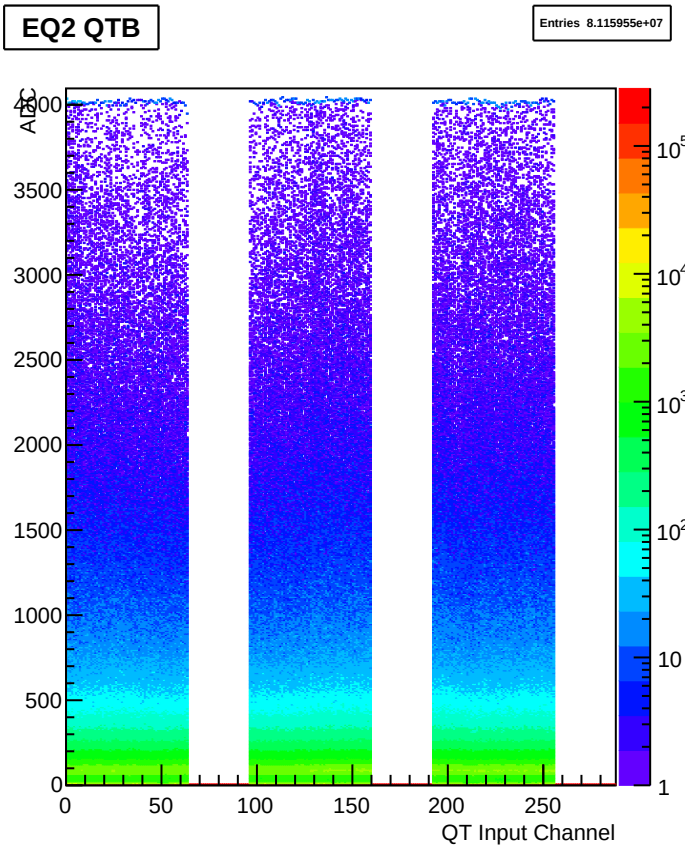

BBQ-VP002 West
Entries 4508864
TADC
QT Input Channel

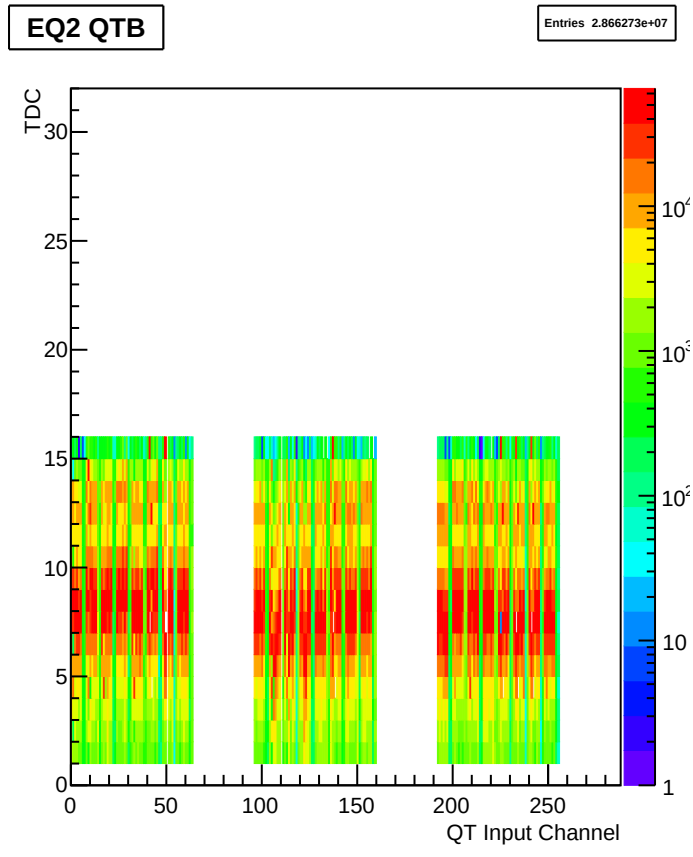

EQ1 QTB
Entries 8.115955e+07
ADC
QT Input Channel

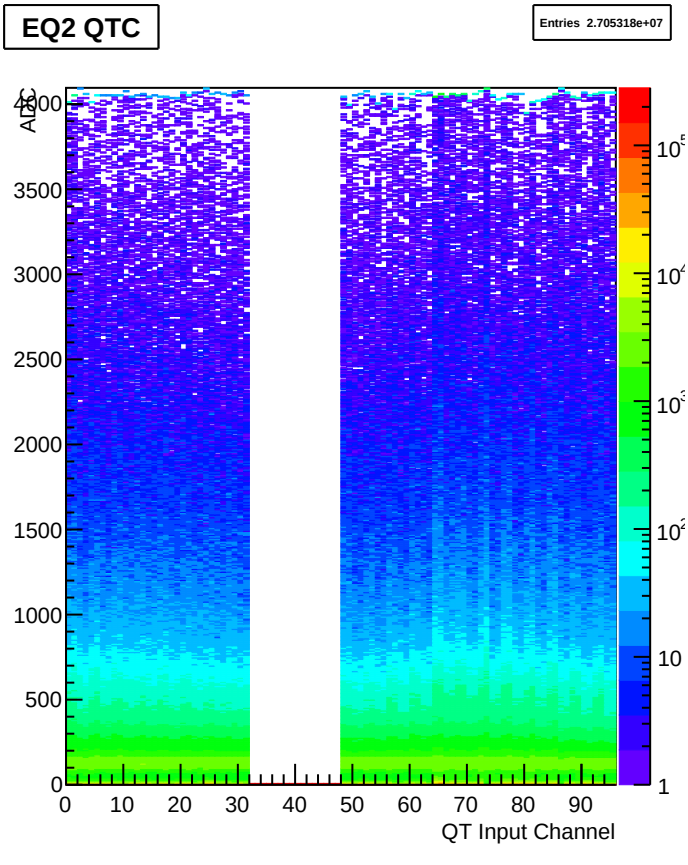

EQ1 QTB
Entries 2.845976e+07
TDC
QT Input Channel

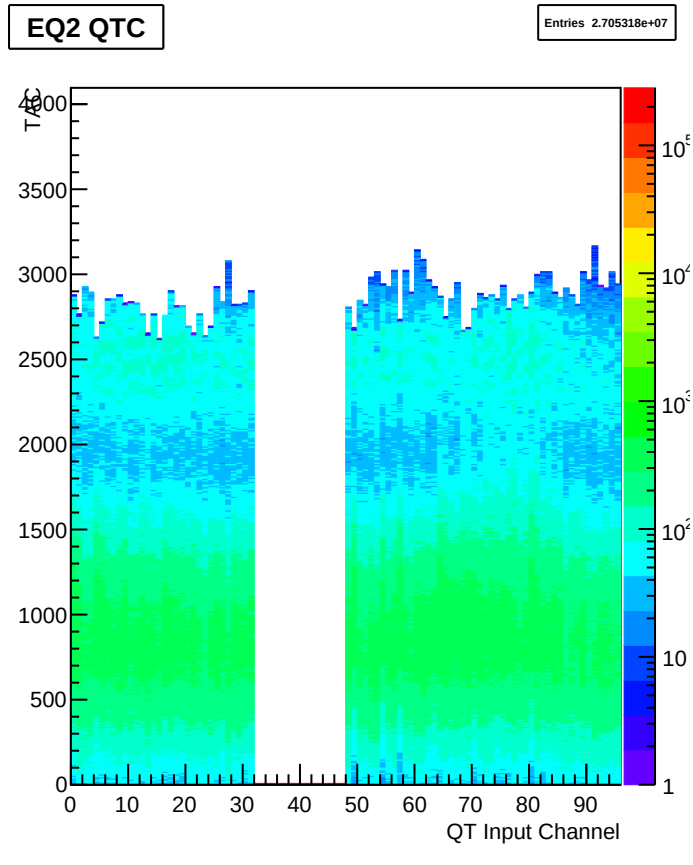

EQ1 QTC
Entries 2.705318e+07
ADC
QT Input Channel

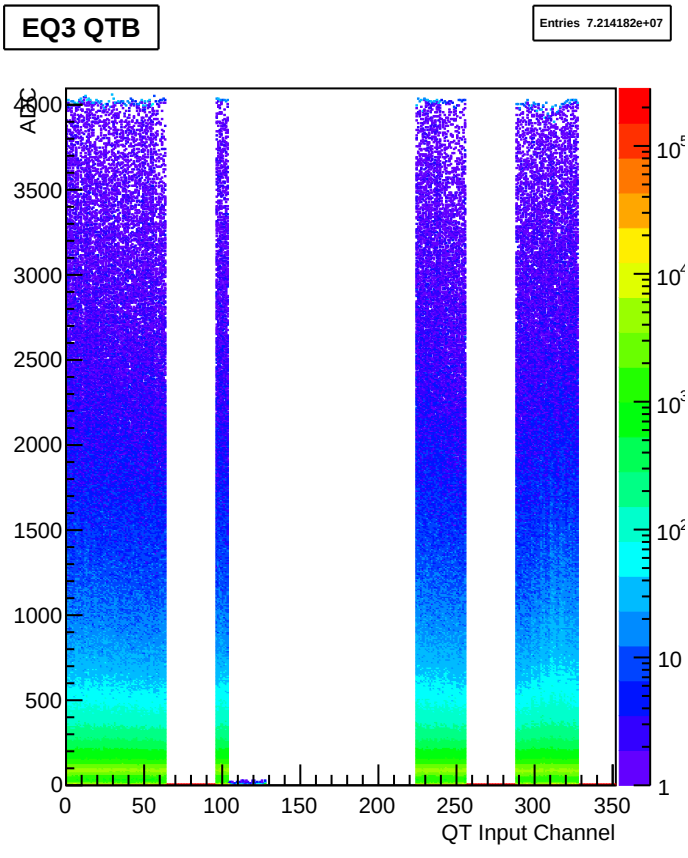

EQ1 QTC
Entries 2.705318e+07
TADC
QT Input Channel

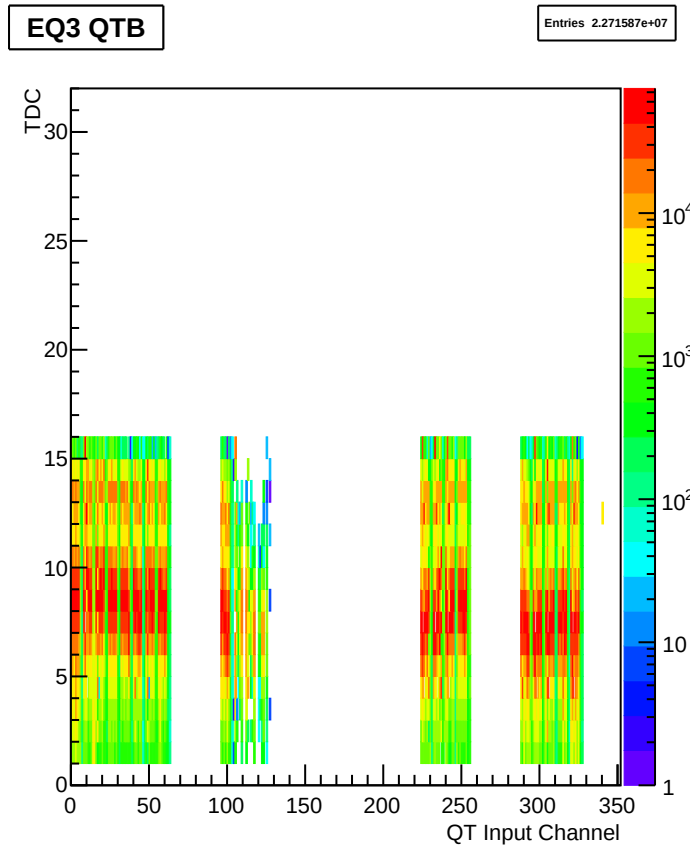

EQ2 QTB
Entries 8.115955e+07
ADC
QT Input Channel

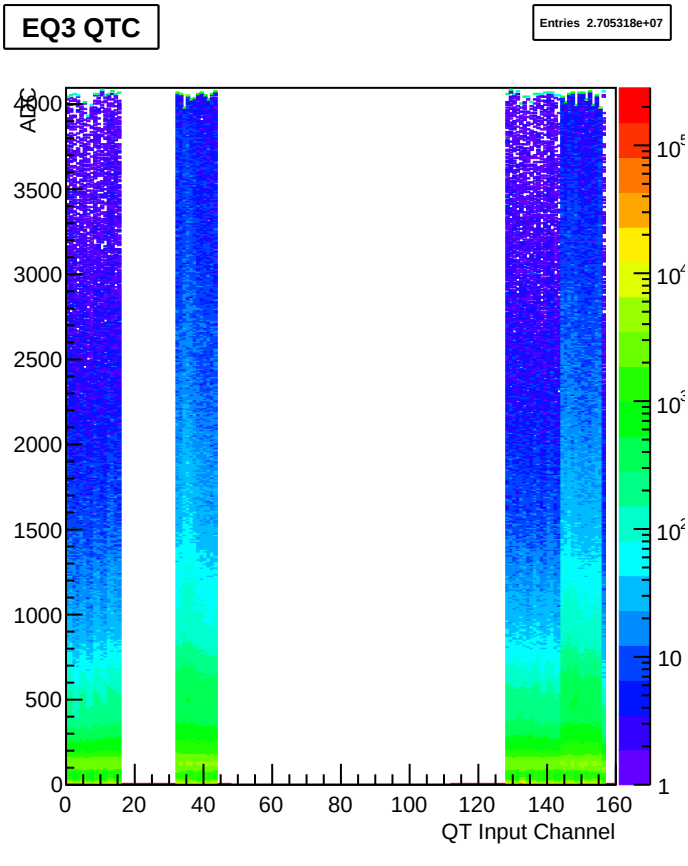

EQ2 QTB
Entries 2.866273e+07
TDC
QT Input Channel

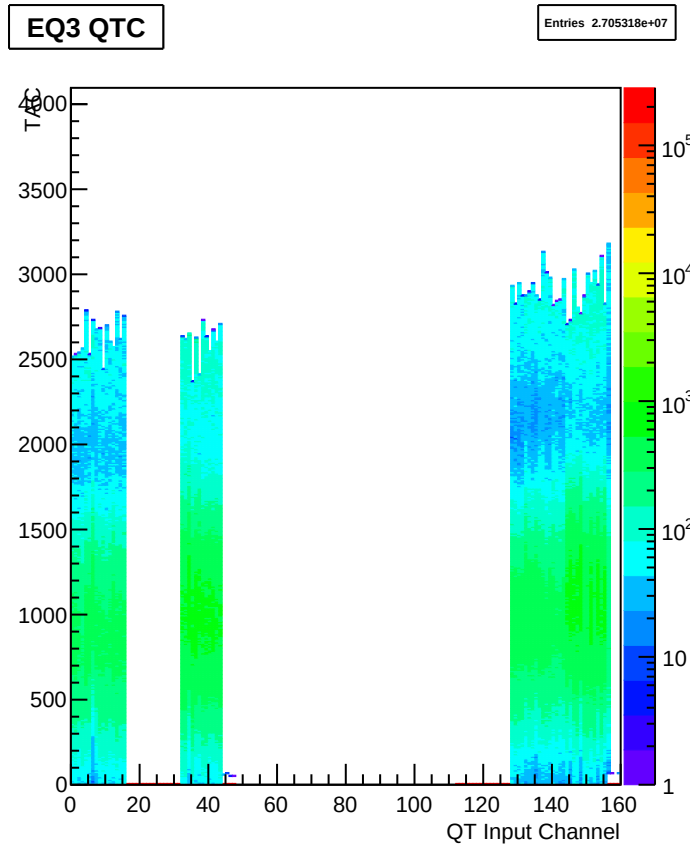

EQ2 QTC
Entries 2.705318e+07
ADC
QT Input Channel

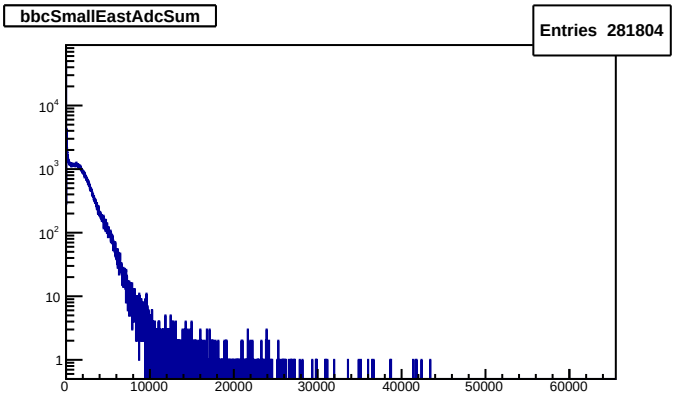

EQ2 QTC
Entries 2.705318e+07
TADC
QT Input Channel

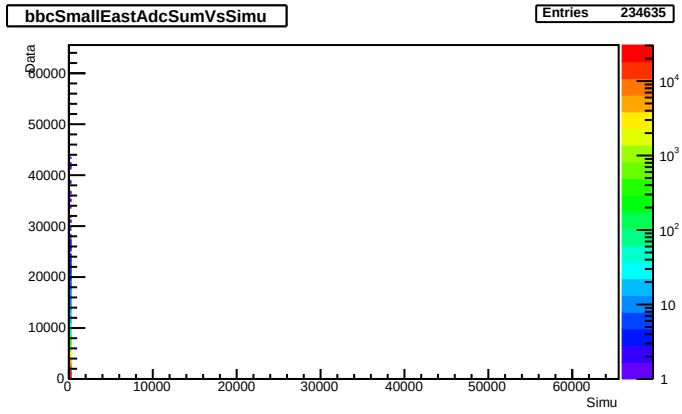

EQ3 QTB
Entries 7.214182e+07
ADC
QT Input Channel

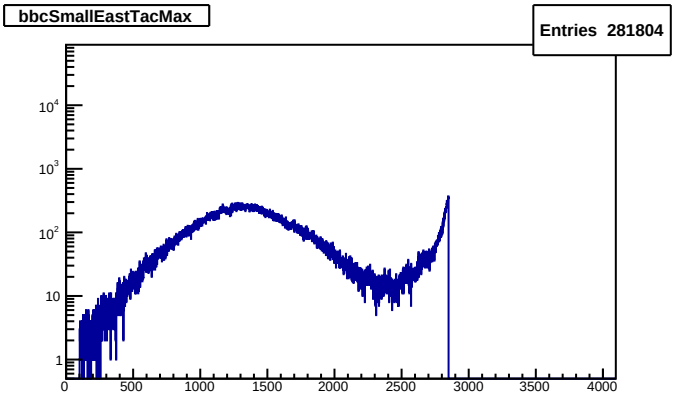

EQ3 QTB
Entries 2.271587e+07
TDC
QT Input Channel

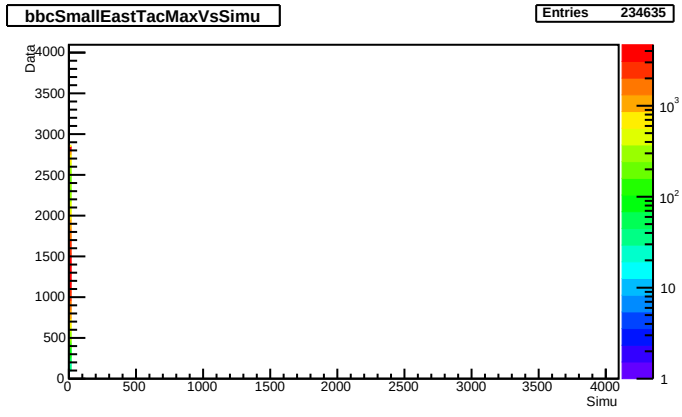

EQ3 QTC
Entries 2.705318e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.705318e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 281804


bbcSmallEastAdcSumVsSimu
Entries 234635
Data
Simu


bbcSmallEastTacMax
Entries 281804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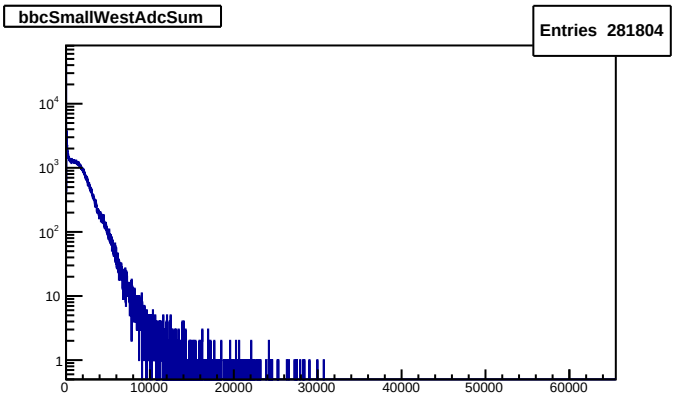
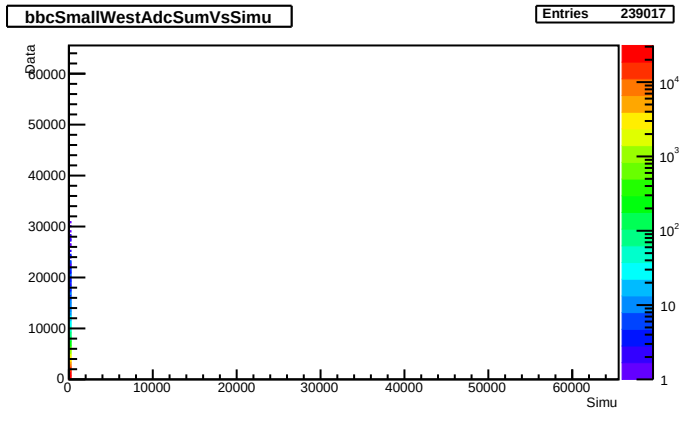
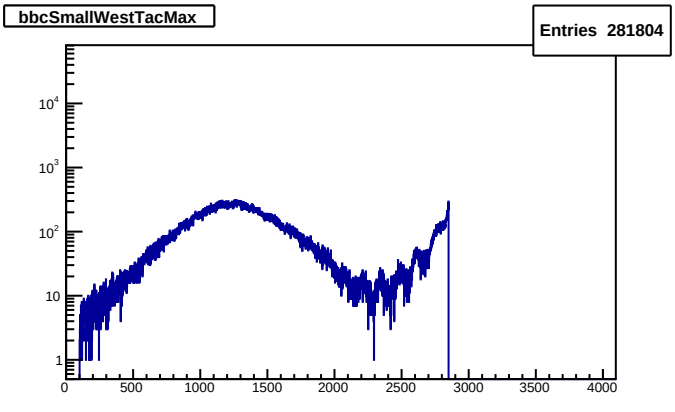
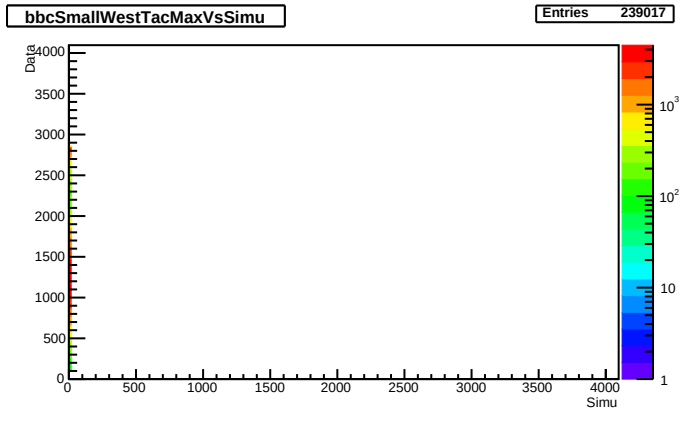
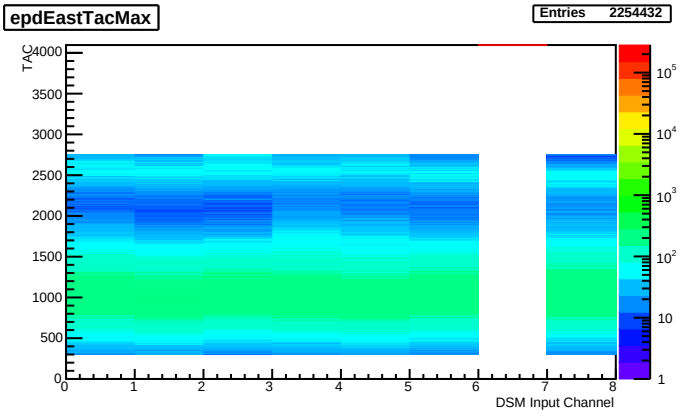
Entries 234635
Data
Simu

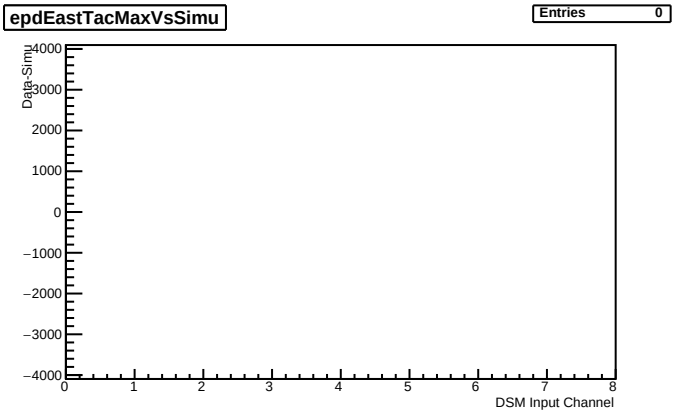

bbcSmallWestAdcSum
Entries 281804

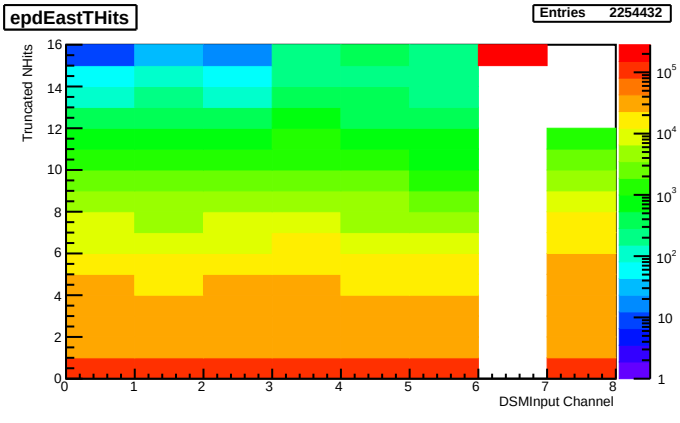

bbcSmallWestAdcSumVsSimu
Entries 239017
Data
Simu

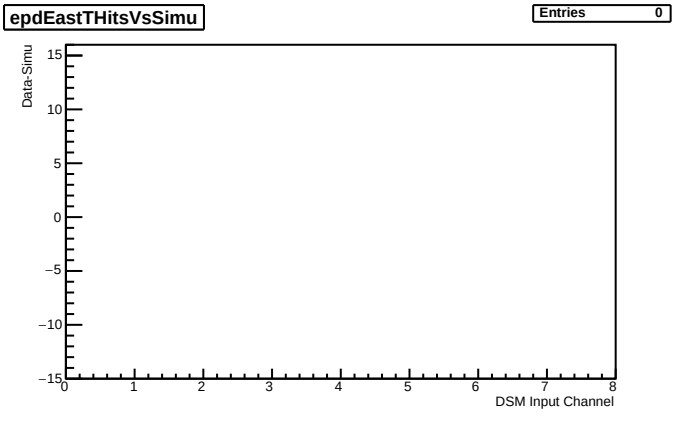

bbcSmallWestTacMax
Entries 281804


bbcSmallWestTacMaxVsSimu
Entries 239017
Data
Simu


epdEastTacMax
Entries 2254432
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2254432
Truncated NHits
DSMInput Channel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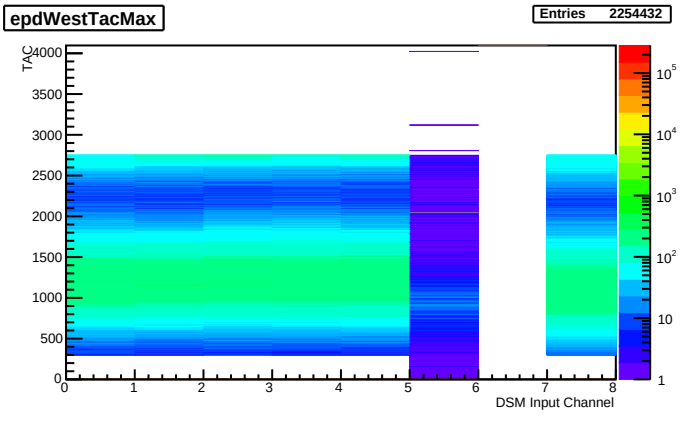
Entries 0
Data-Simu
DSM Input Channel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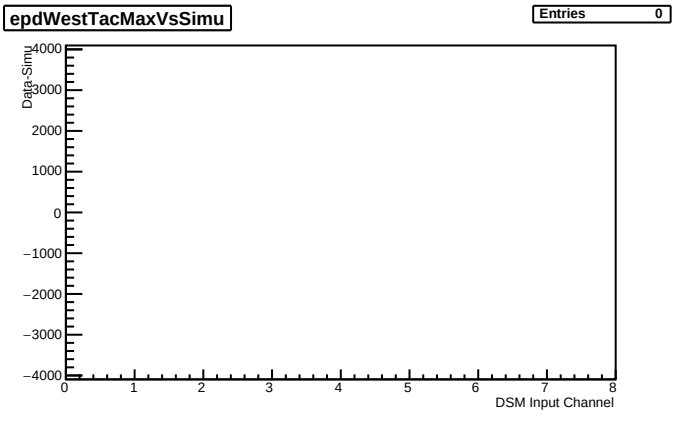
Entries 2254432
TAC
DSM Input Channel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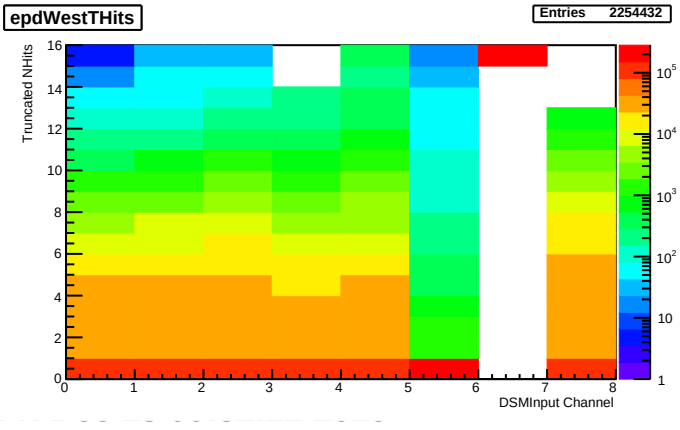
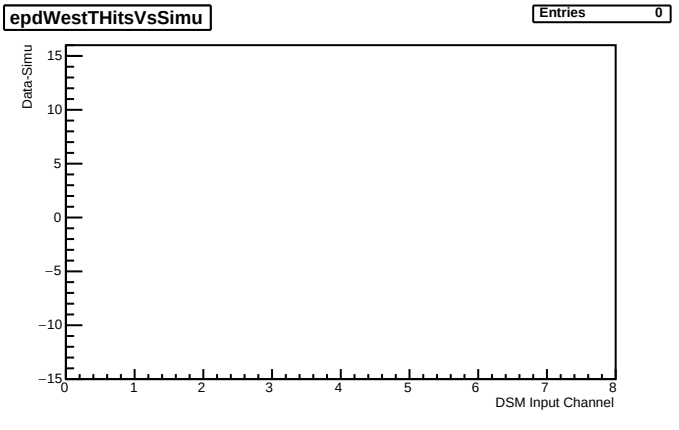
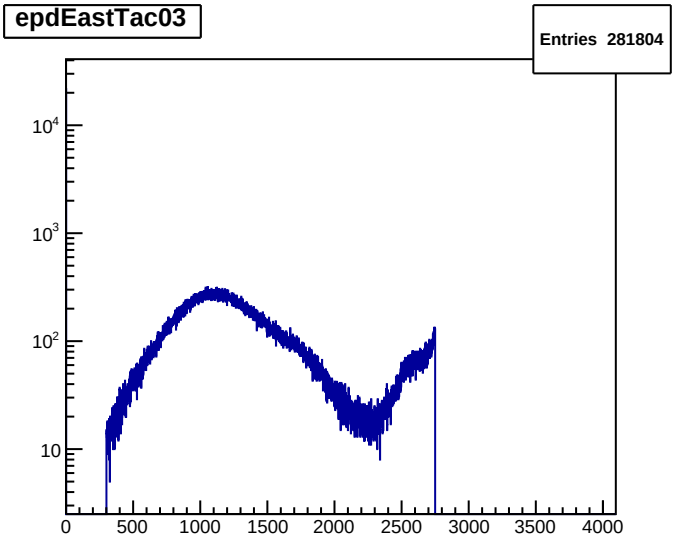
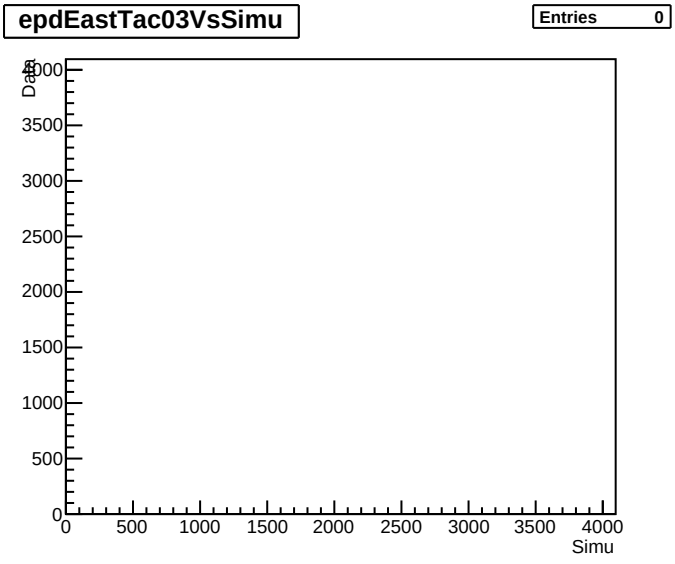
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2254432
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 281804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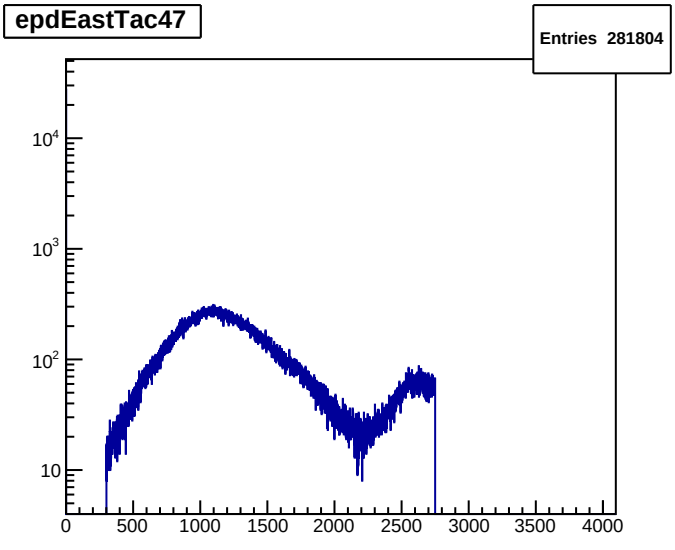
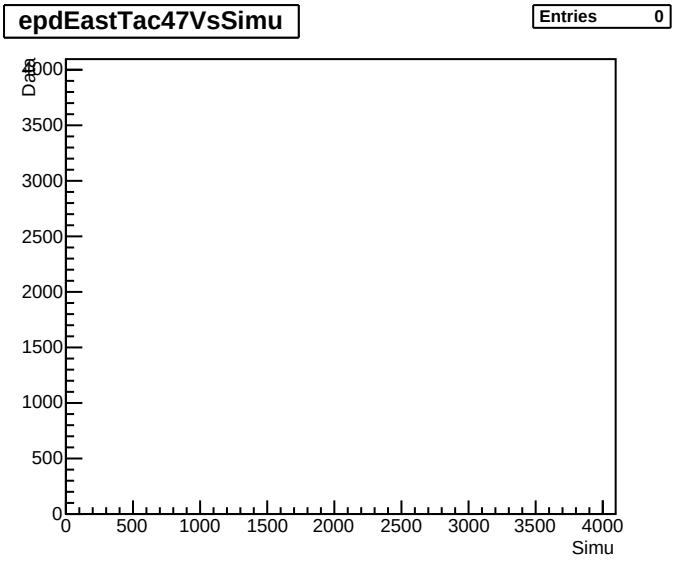
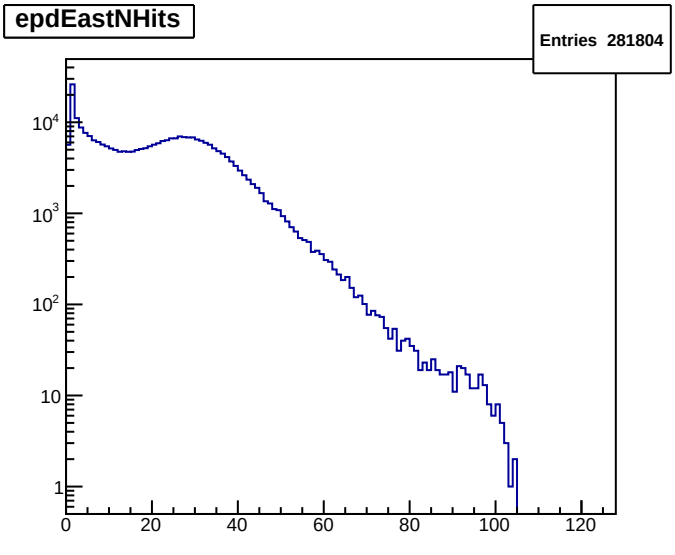
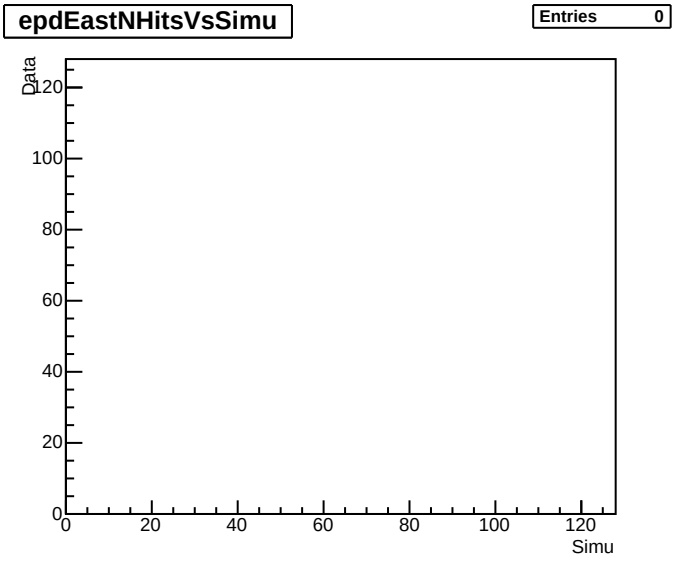
Entries 0
Data
Simu


epdEastTac47
Entries 281804


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 281804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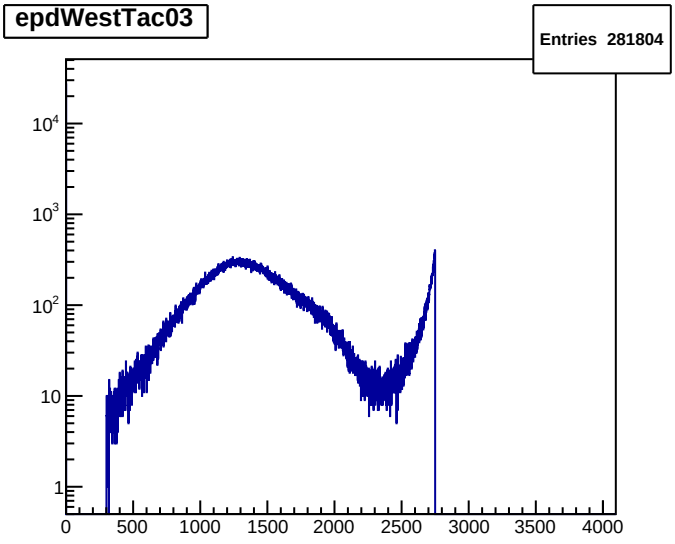
Entries 0
Data
Simu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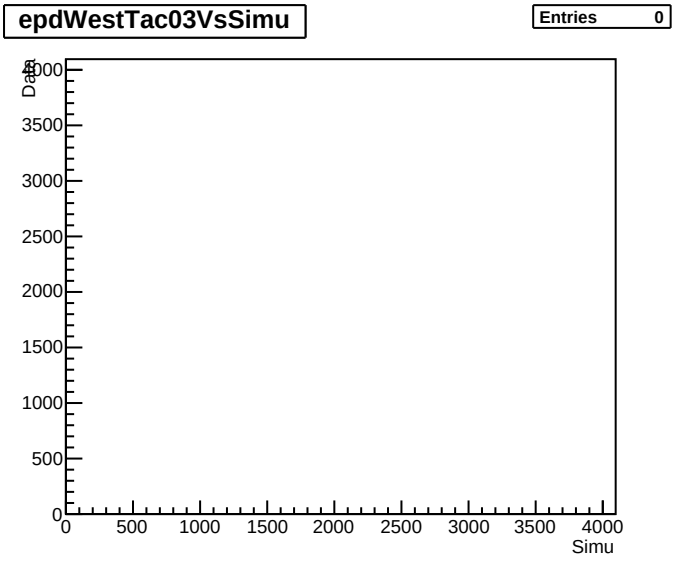
Entries 281804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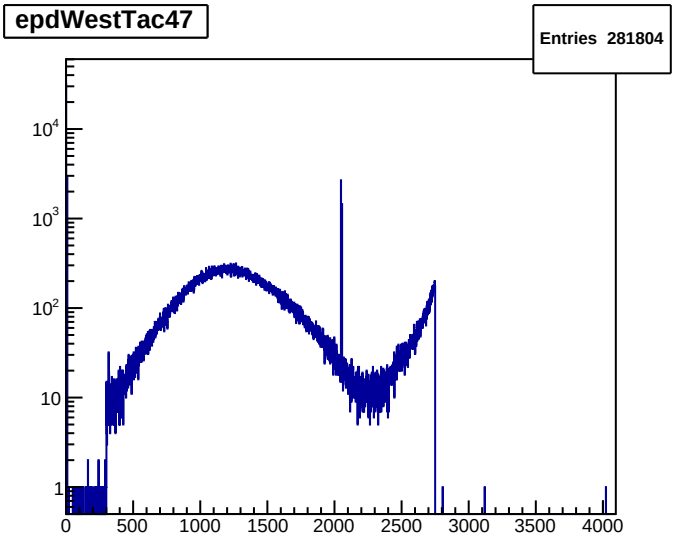
Entries 0
Data
Simu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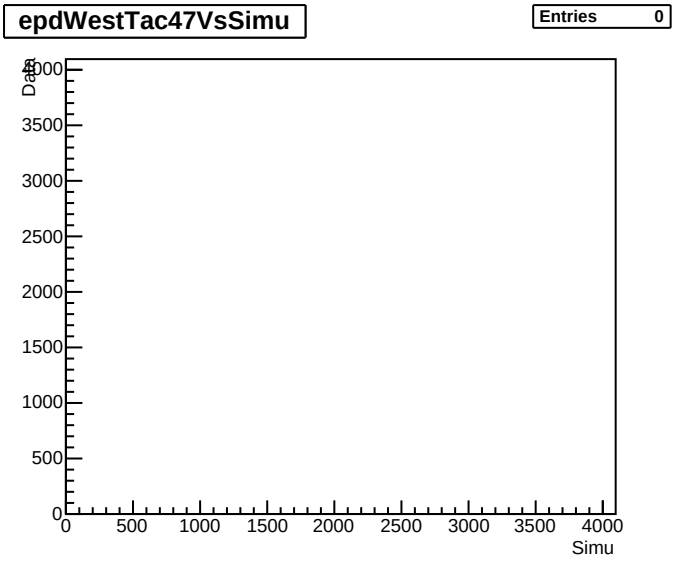
Entries 281804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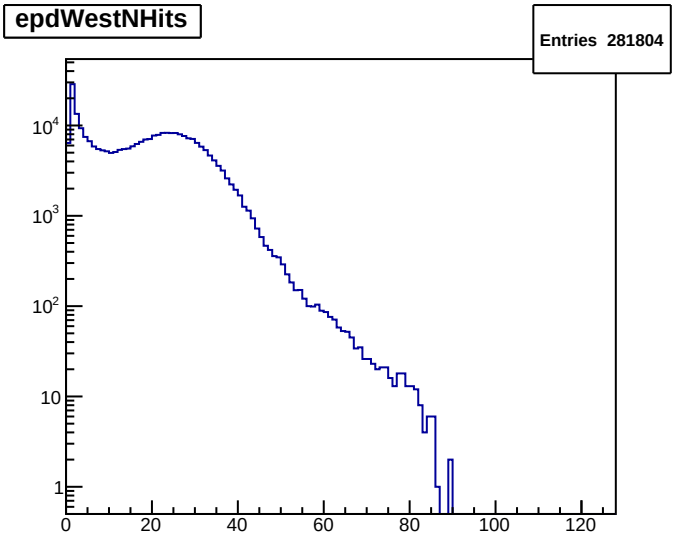
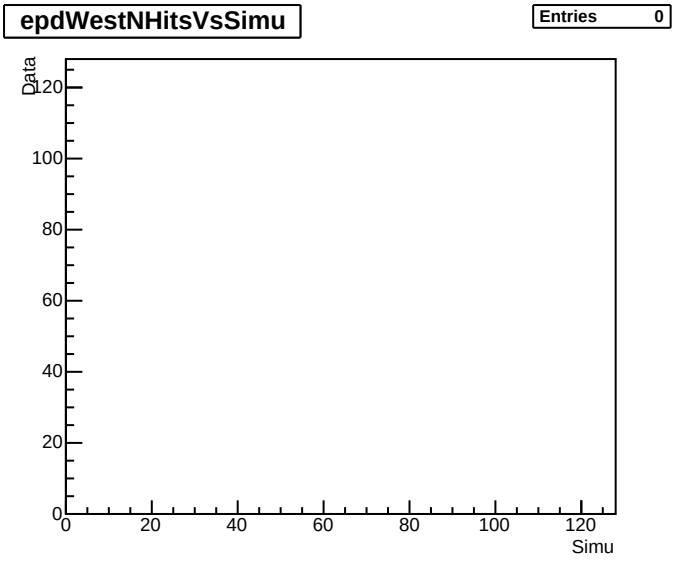
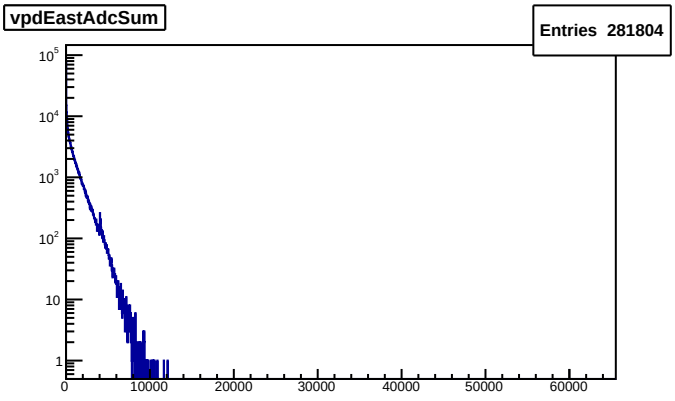
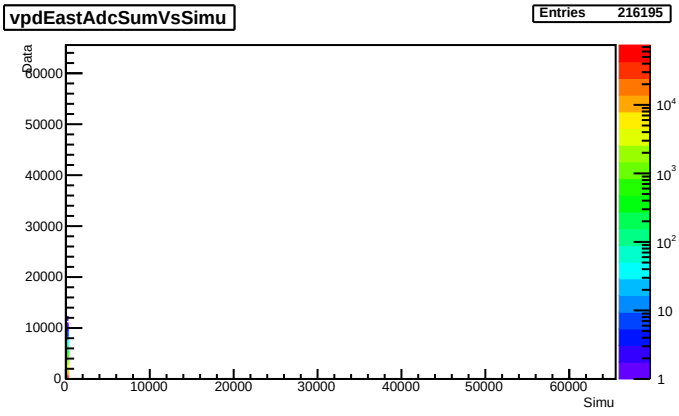
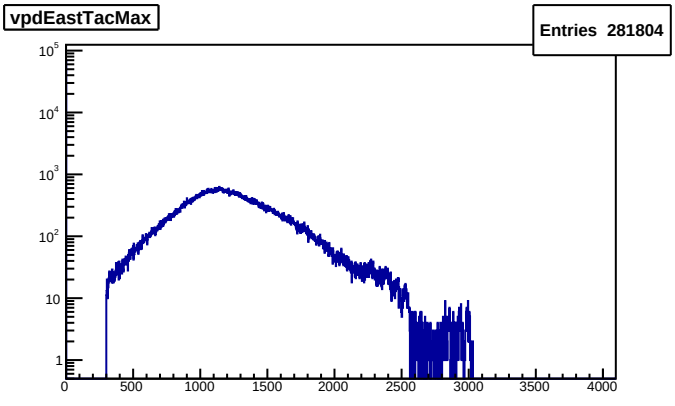
Data
Simu

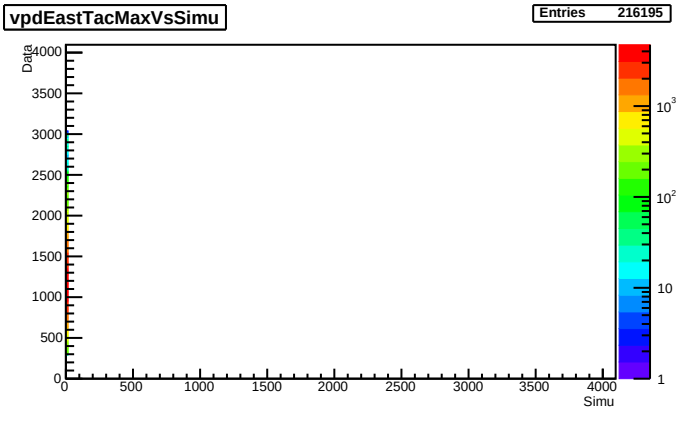

epdWestNHits
Entries 281804

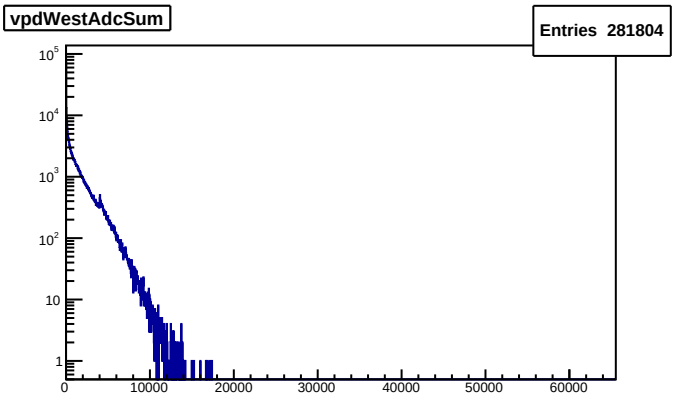

epdWestNHitsVsSimu
Entries 0
Data
Simu

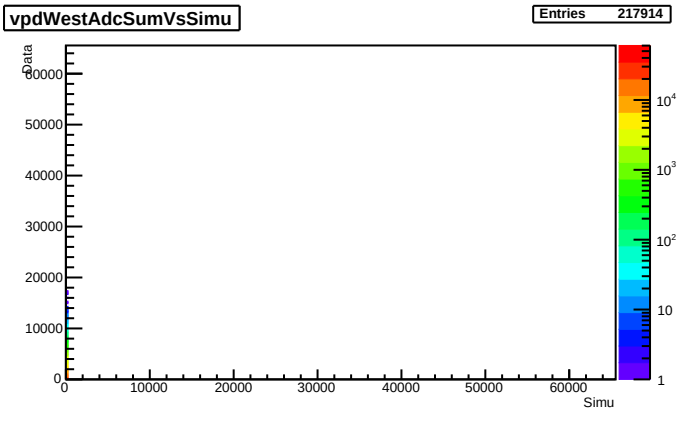

vpdEastAdcSum
Entries 281804

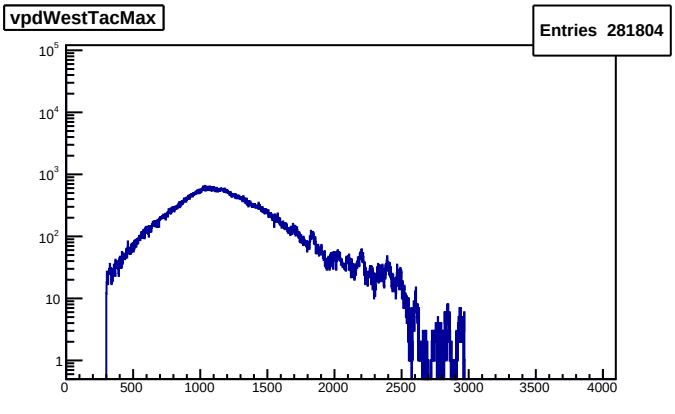

vpdEastAdcSumVsSimu
Entries 216195
Data
Simu

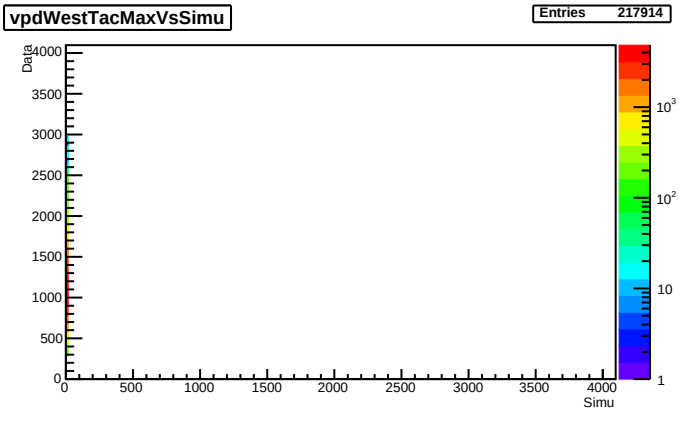

vpdEastTacMax
Entries 281804

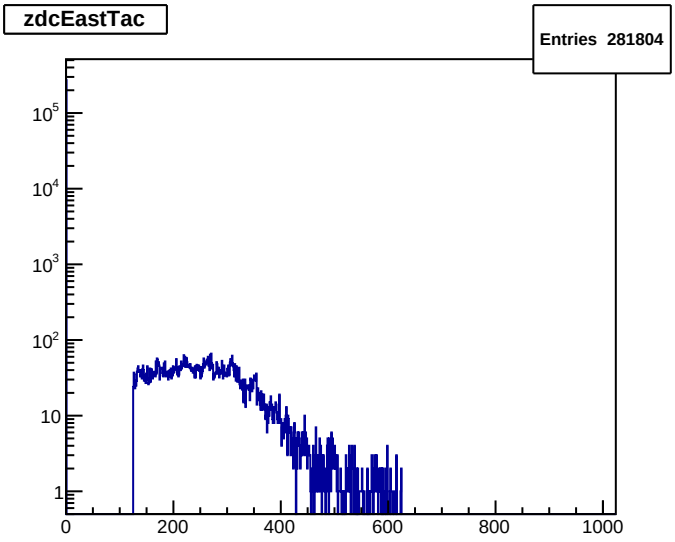

vpdEastTacMaxVsSimu
Entries 216195
Data
Simu

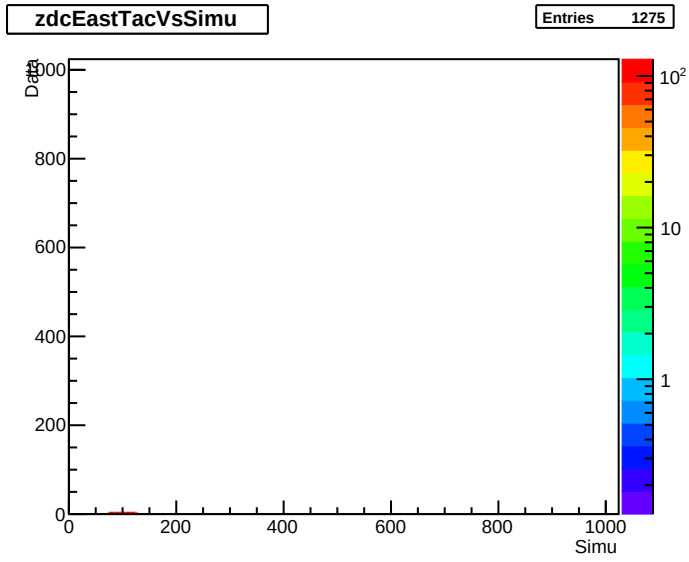

vpdWestAdcSum
Entries 281804

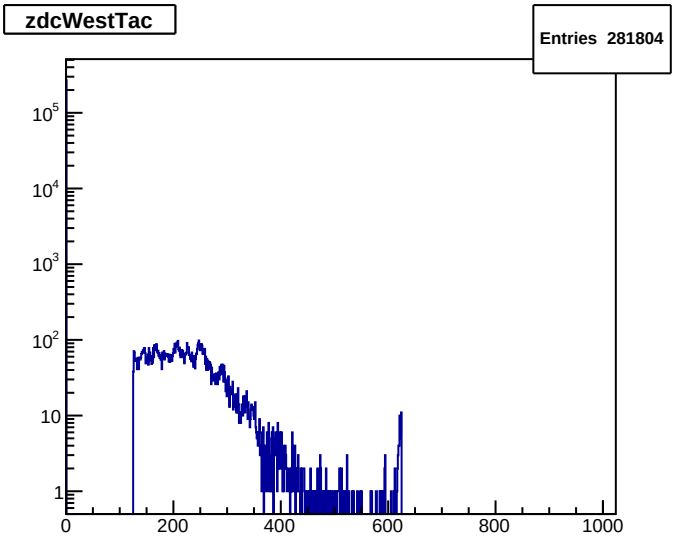

vpdWestAdcSumVsSimu
Entries 217914
Data
Simu

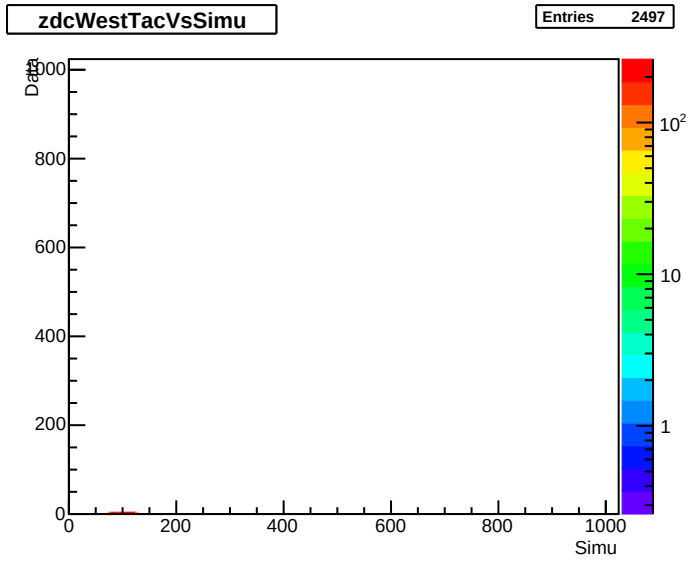

vpdWestTacMax
Entries 281804

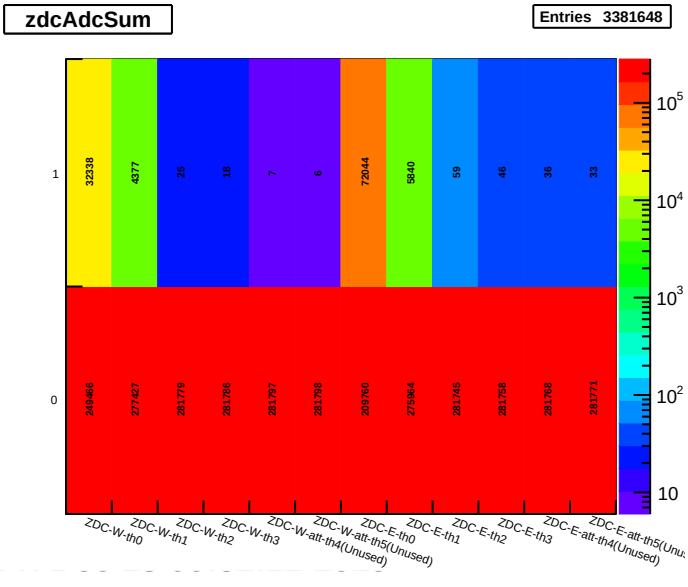

vpdWestTacMaxVsSimu
Entries 217914
Data
Simu

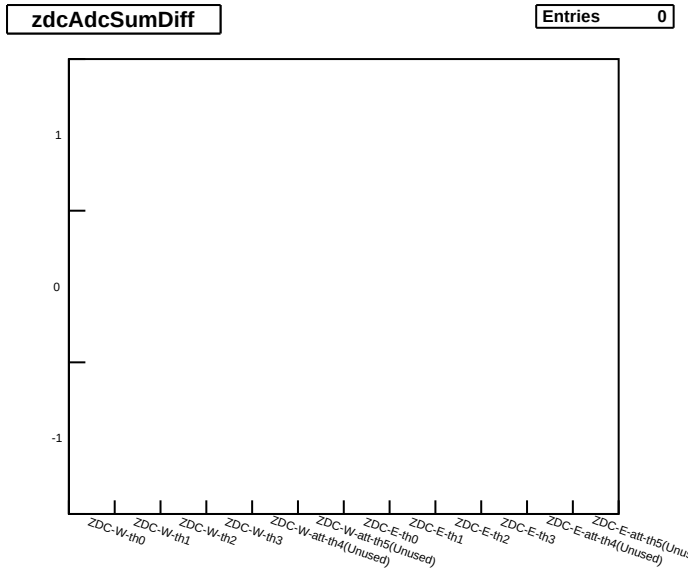

zdcEastTac
Entries 281804

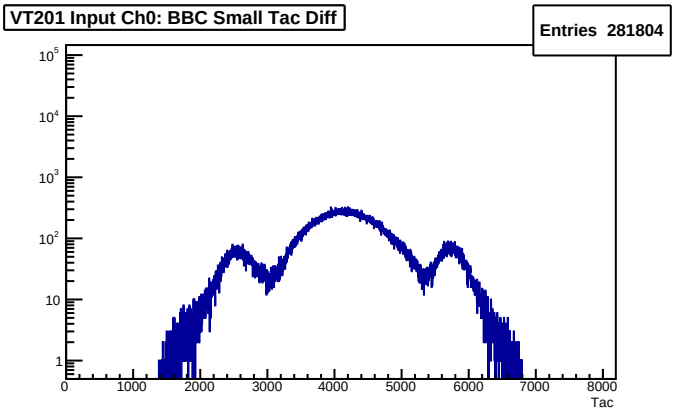

zdcEastTacVsSimu
Entries 1275
Data
Simu

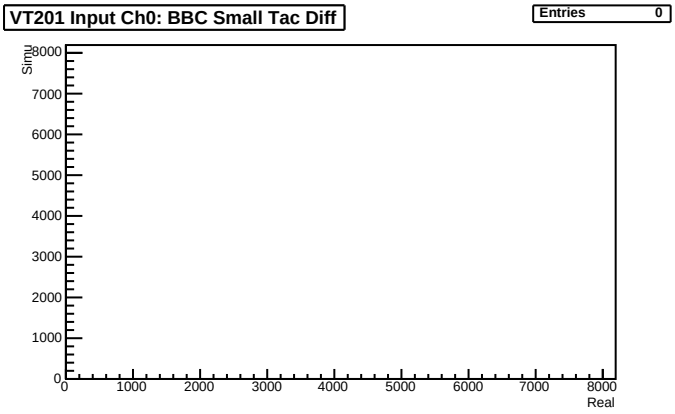

zdcWestTac
Entries 281804

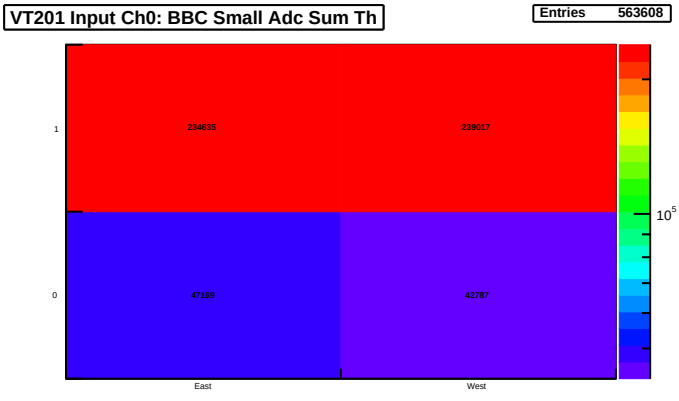

zdcWestTacVsSimu
Entries 2497
Data
Simu

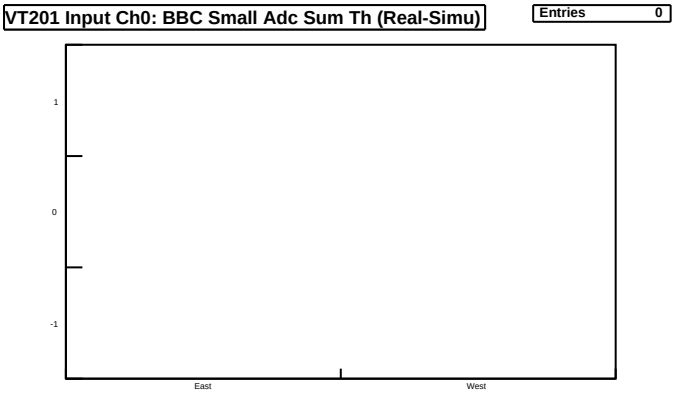

zdcAdcSum
Entries 3381648
32338
4377
25
18
7
6
72044
5840
59
46
36
33
249466
277427
281779
281786
281797
281798
209760
275964
281745
281758
281768
281771
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

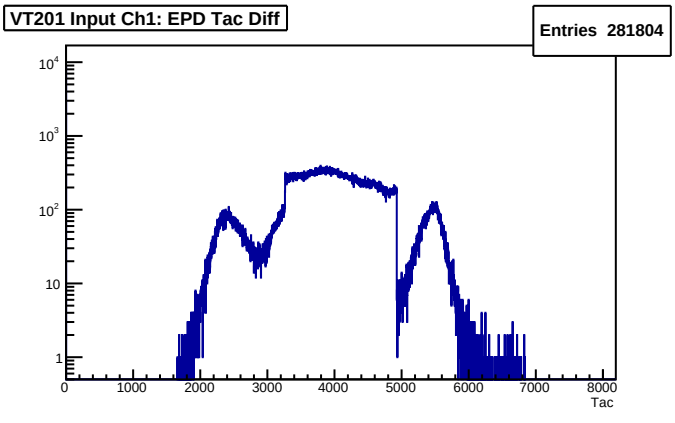

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

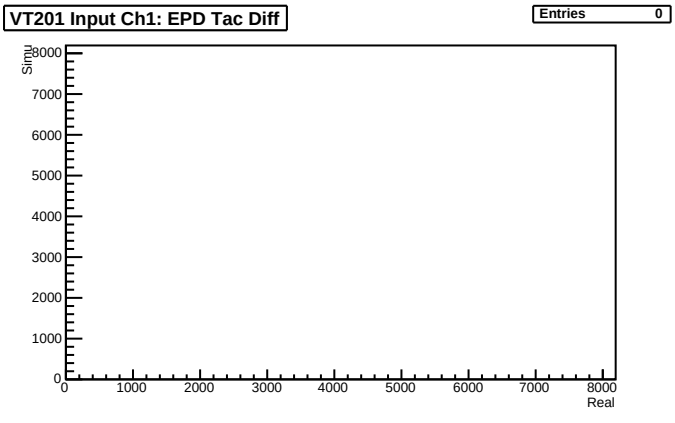

VT201 Input Ch0: BBC Small Tac Diff
Entries 281804
Tac

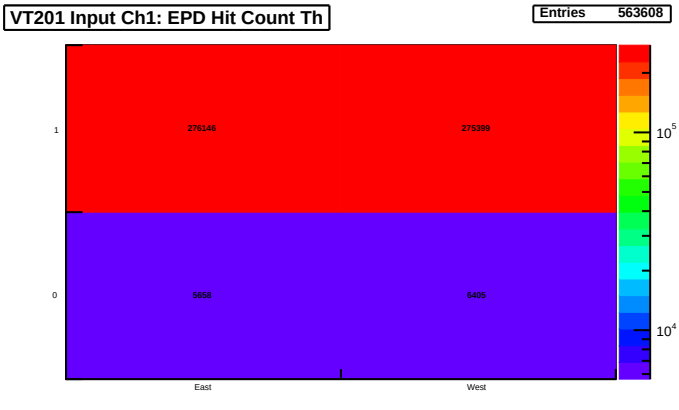

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

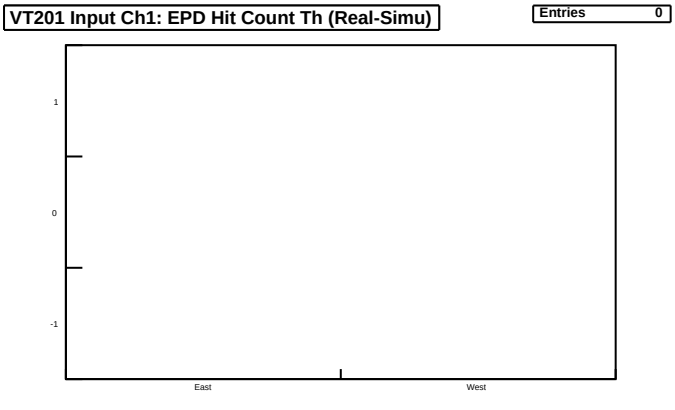

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 563608
234635
239017
47169
42787
East
West

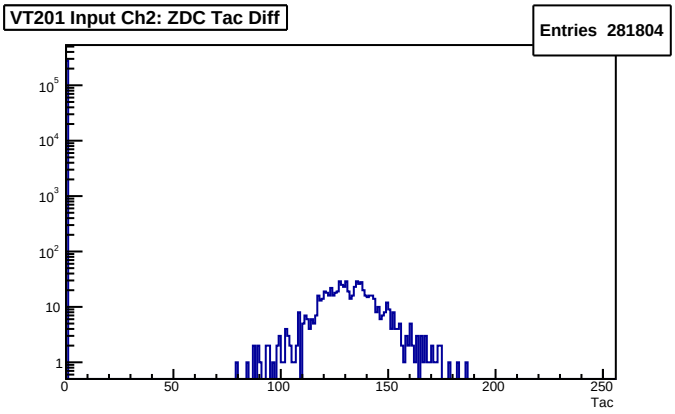

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

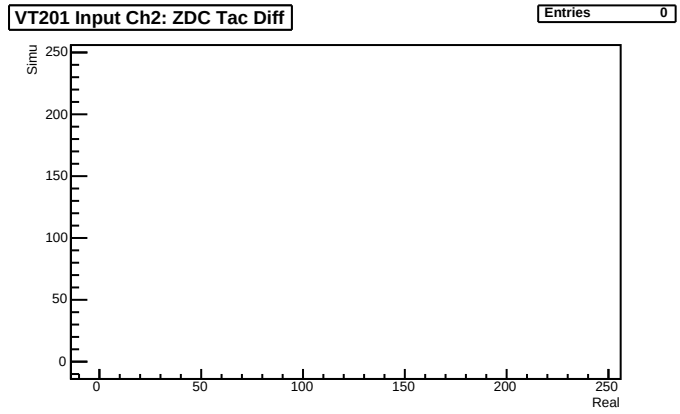

VT201 Input Ch1: EPD Tac Diff
Entries 281804
Tac

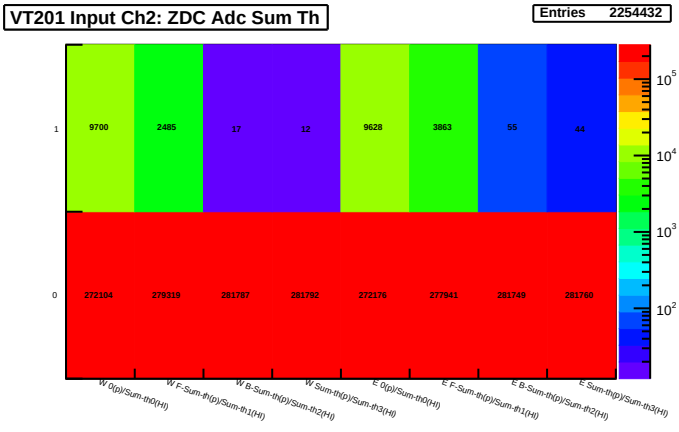

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

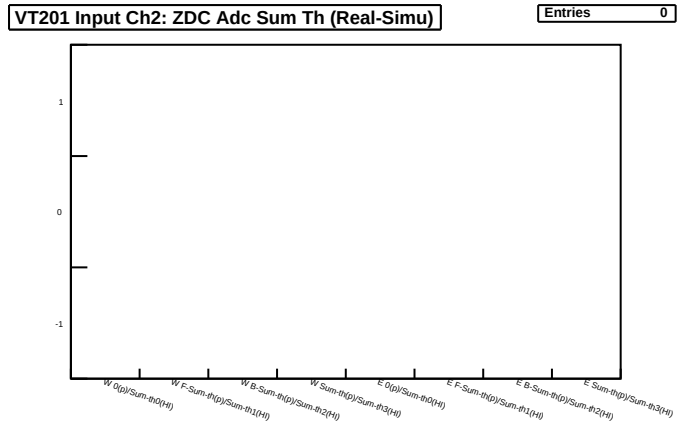

VT201 Input Ch1: EPD Hit Count Th
Entries 563608
276146
275399
5658
6405
East
West

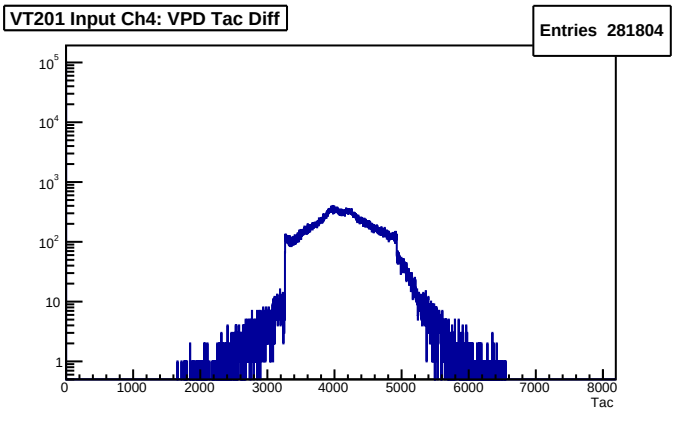

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

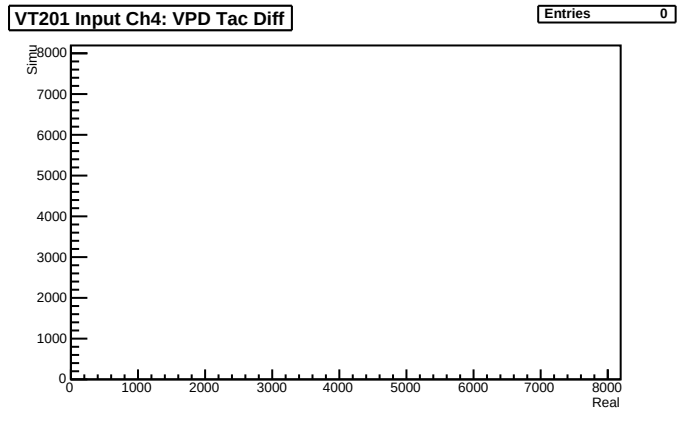

VT201 Input Ch2: ZDC Tac Diff
Entries 281804
Tac

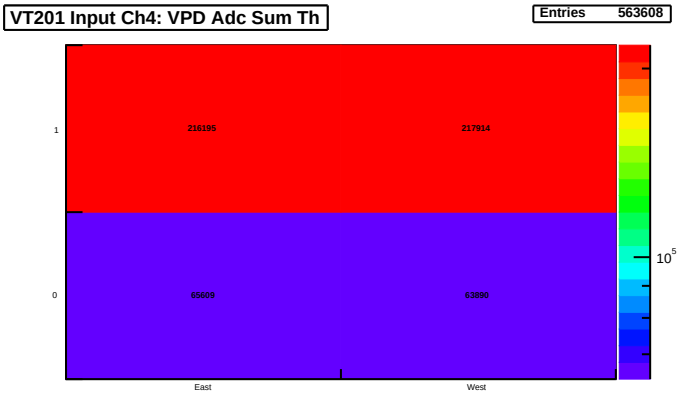

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

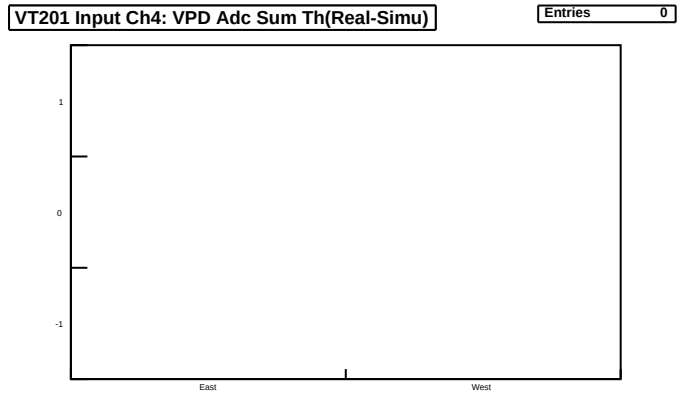

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2254432
9700
2485
17
12
9628
3863
55
44
272104
279319
281787
281792
272176
277941
281749
281760
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

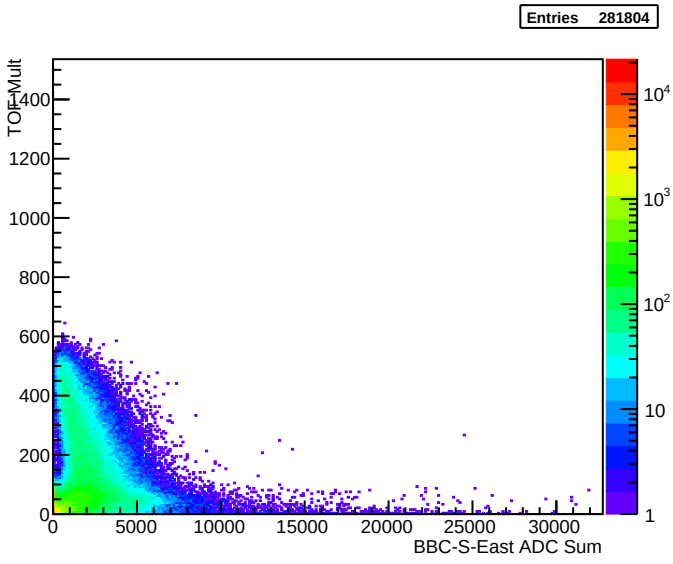

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

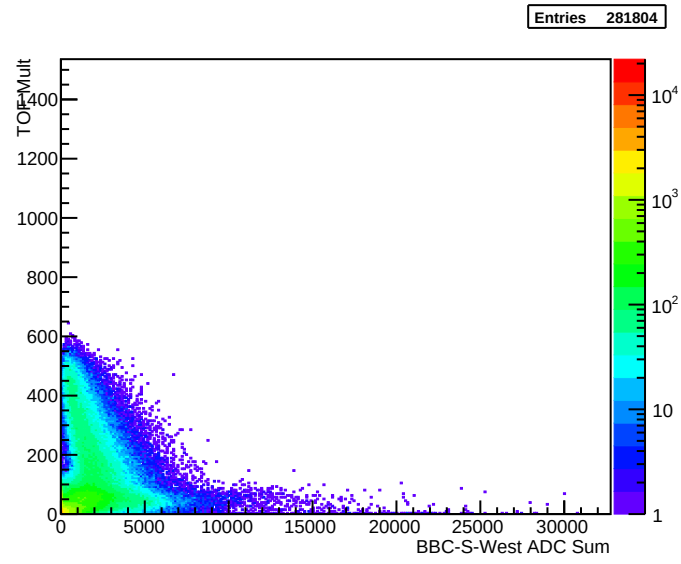

VT201 Input Ch4: VPD Tac Diff
Entries 281804
Tac

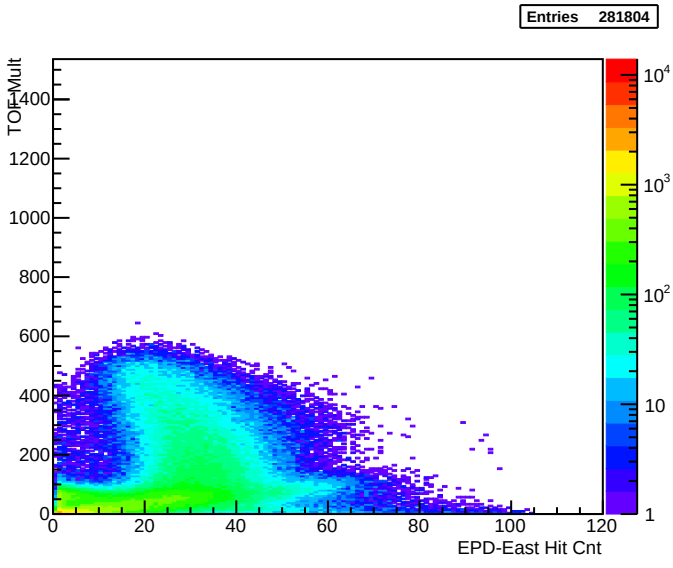

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

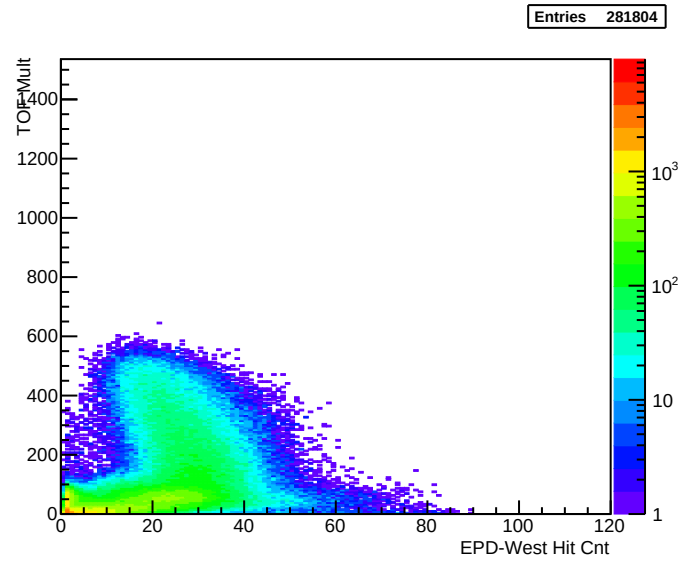

VT201 Input Ch4: VPD Adc Sum Th
Entries 563608
216195
217914
65609
63890
East
West

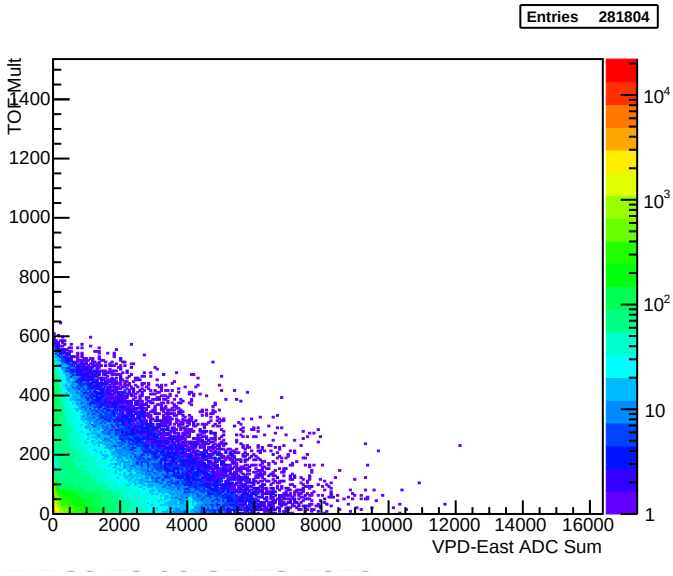

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

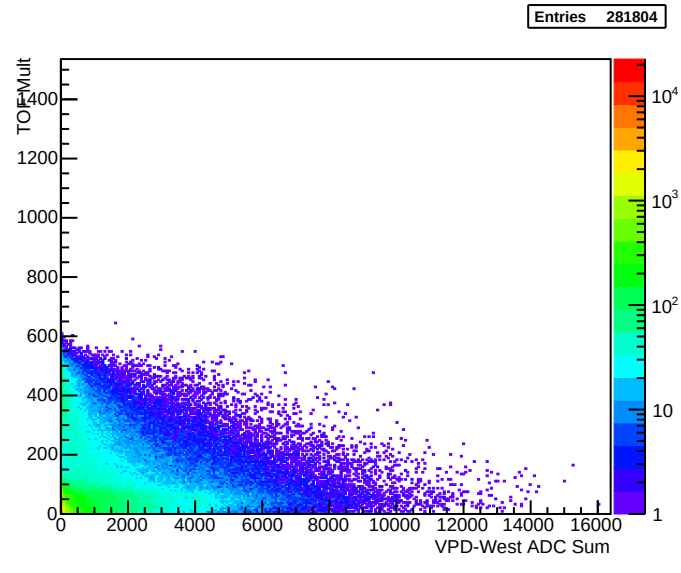

Entries 281804
TOF-Mult
BBC-S-East ADC Sum

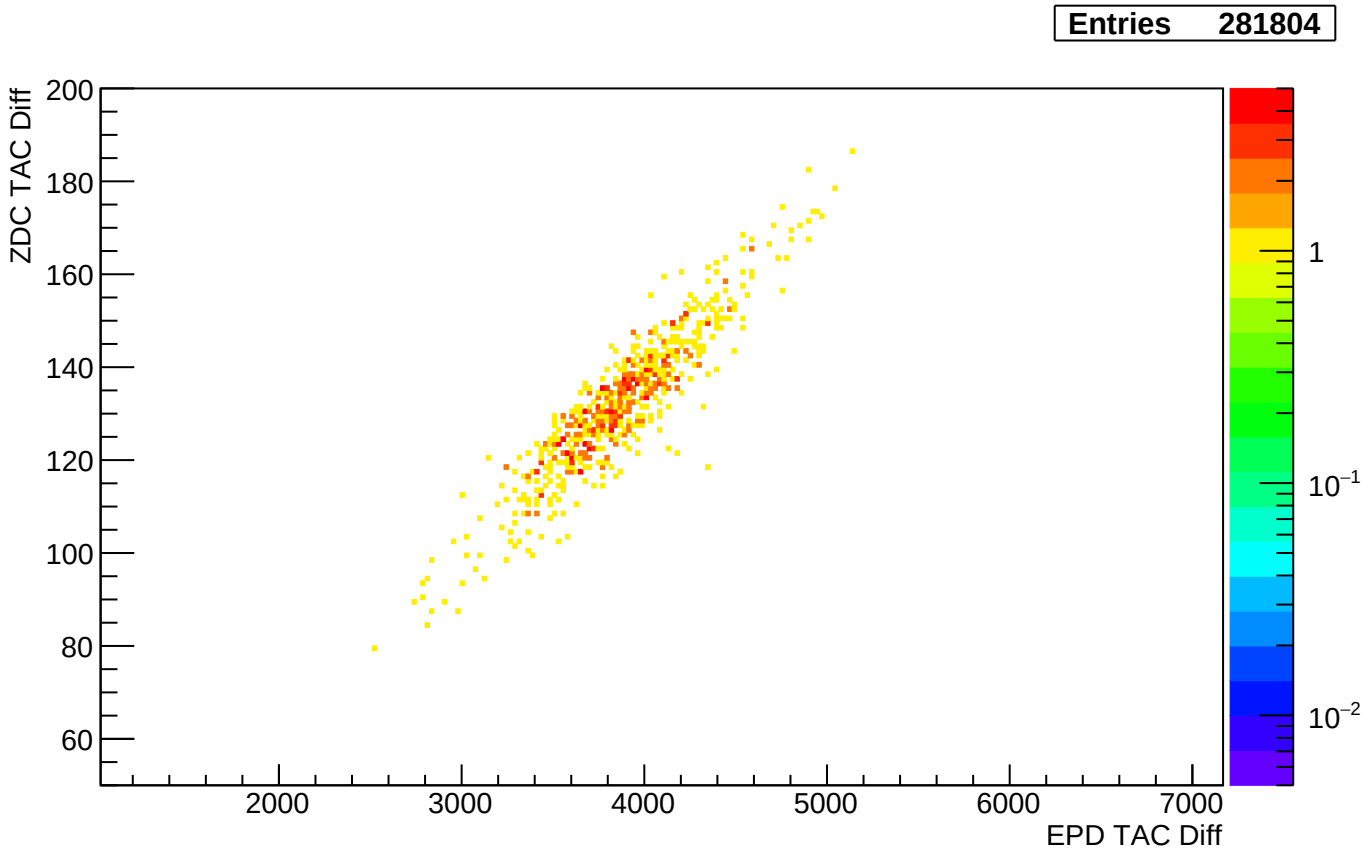

Entries 281804
TOF-Mult
BBC-S-West ADC Sum

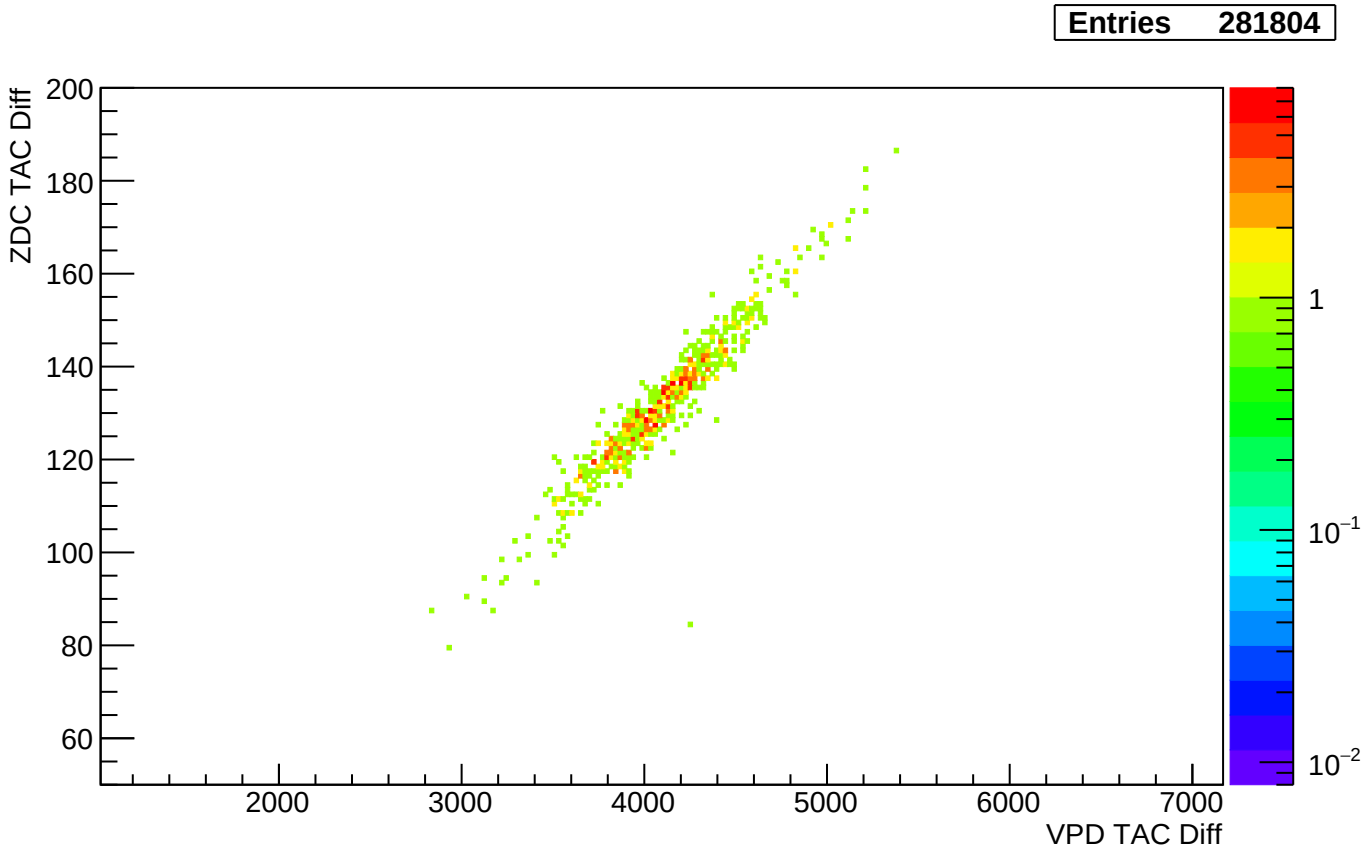

Entries 281804
TOF-Mult
EPD-East Hit Cnt

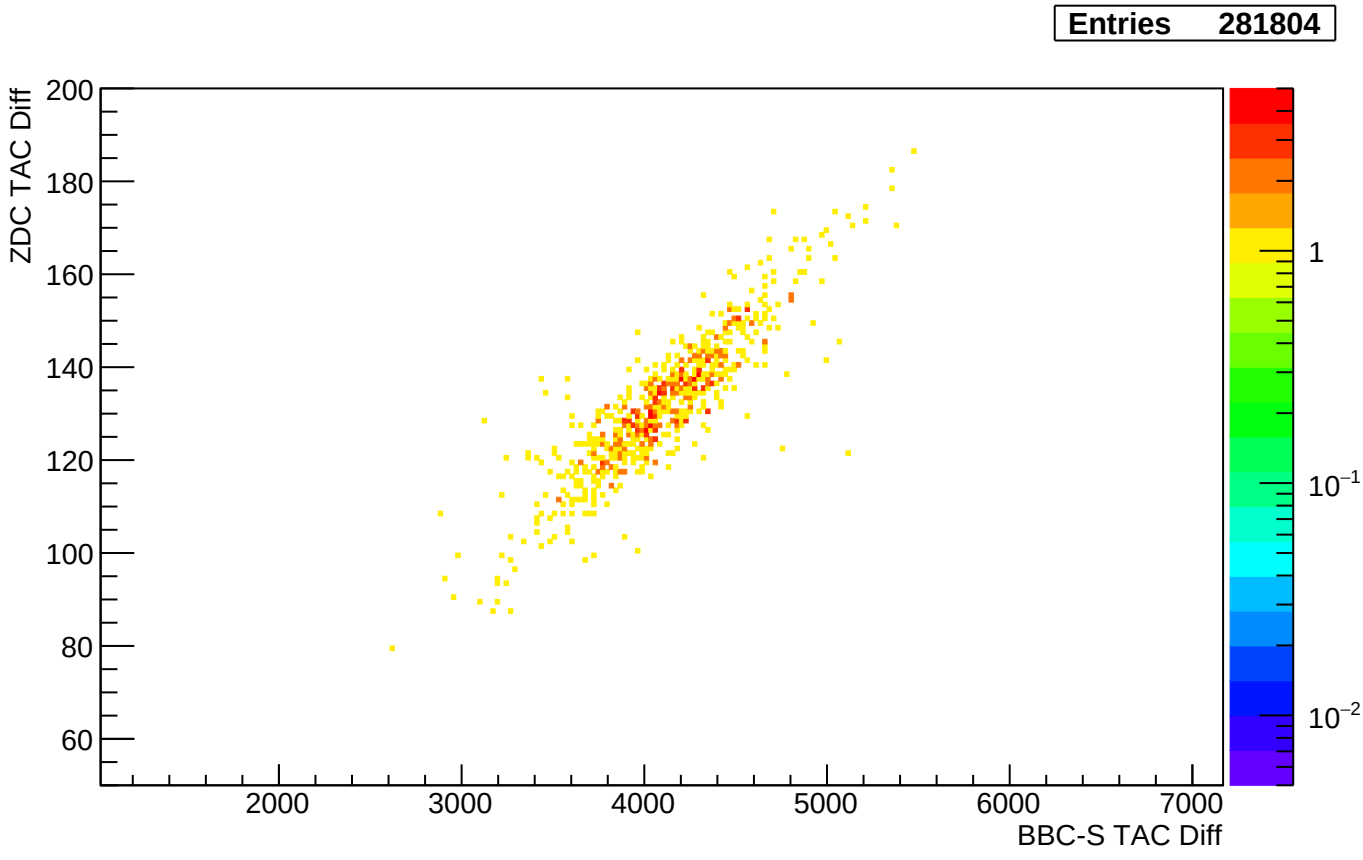

Entries 281804
TOF-Mult
EPD-West Hit Cnt

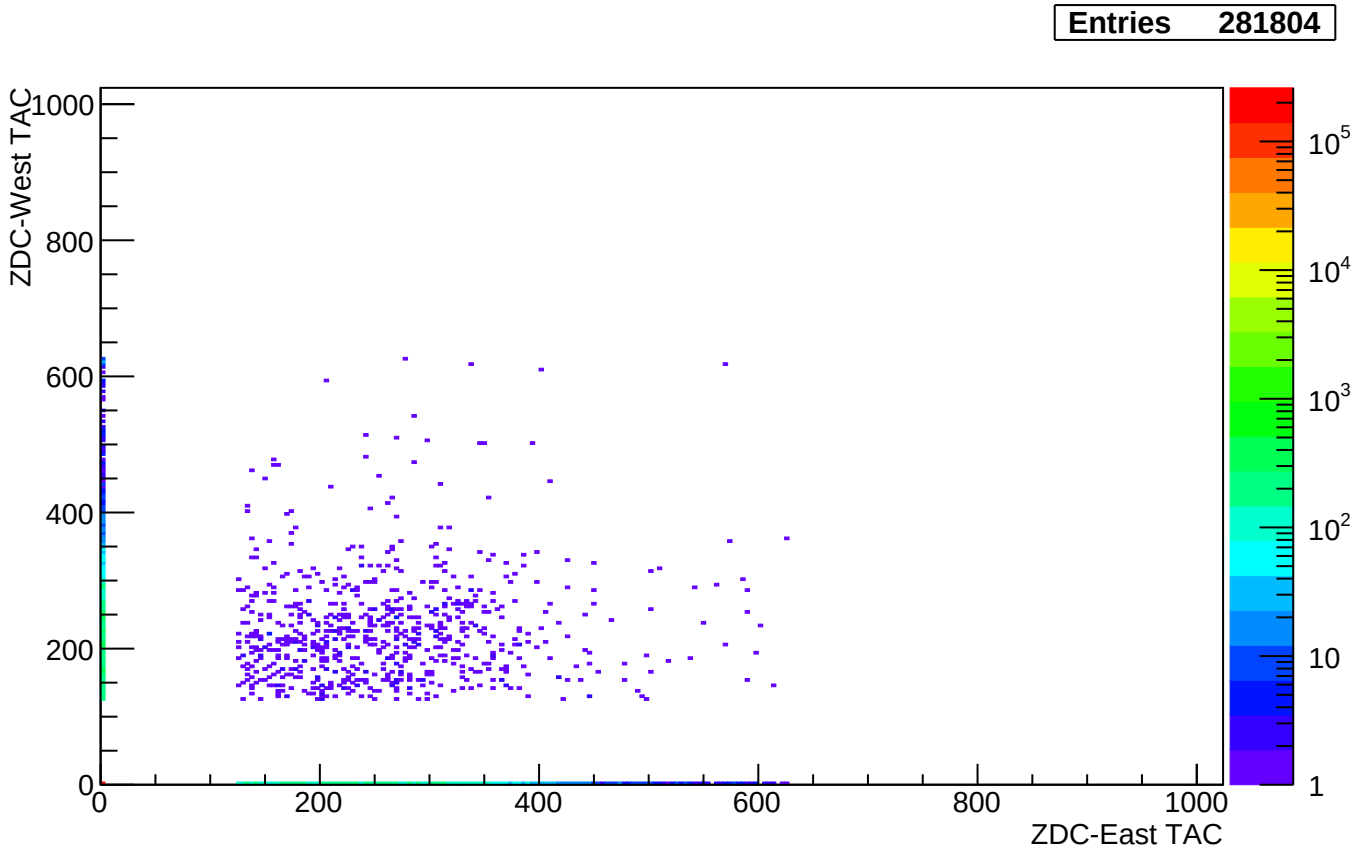

Entries 281804
TOF-Mult
VPD-East ADC Sum

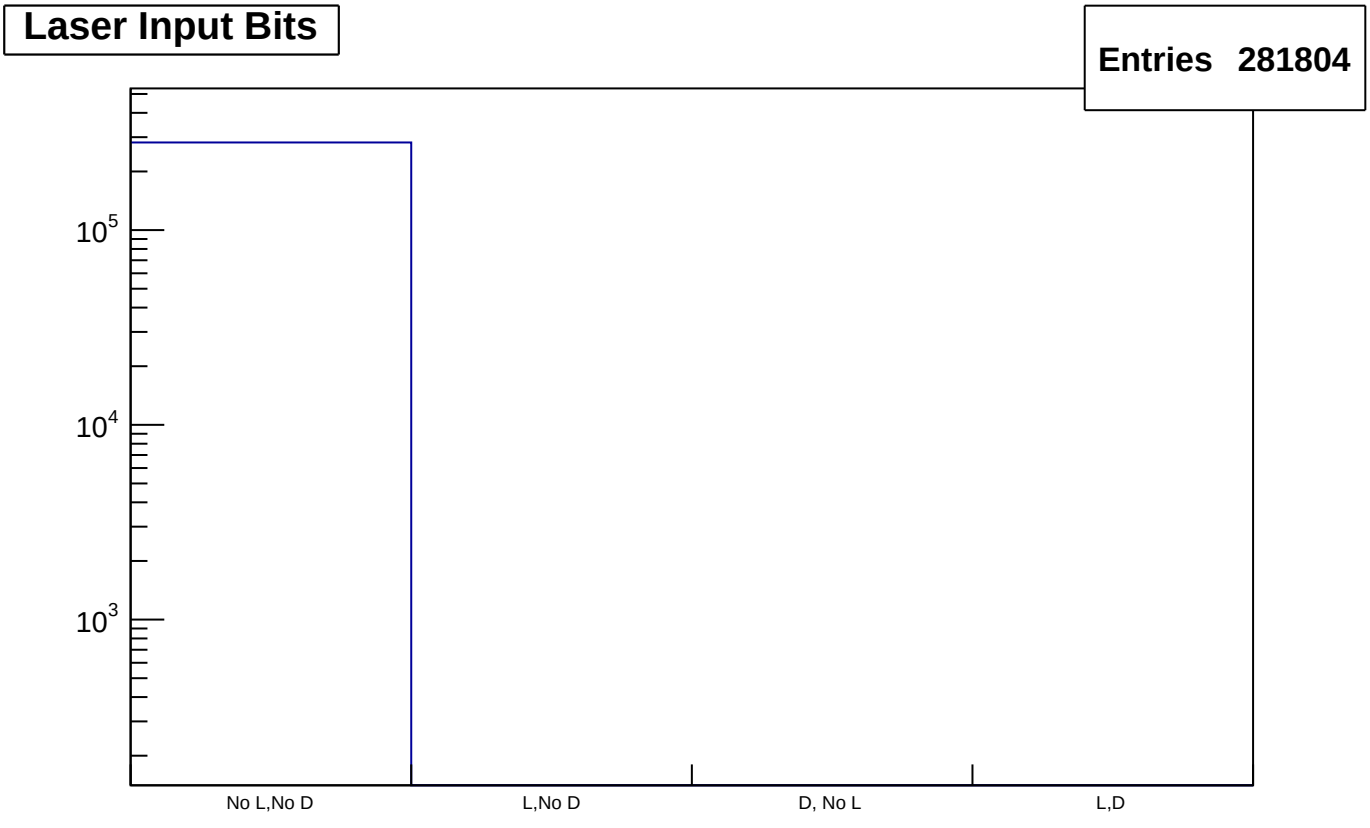

Entries 281804
TOF-Mult
VPD-West ADC Sum

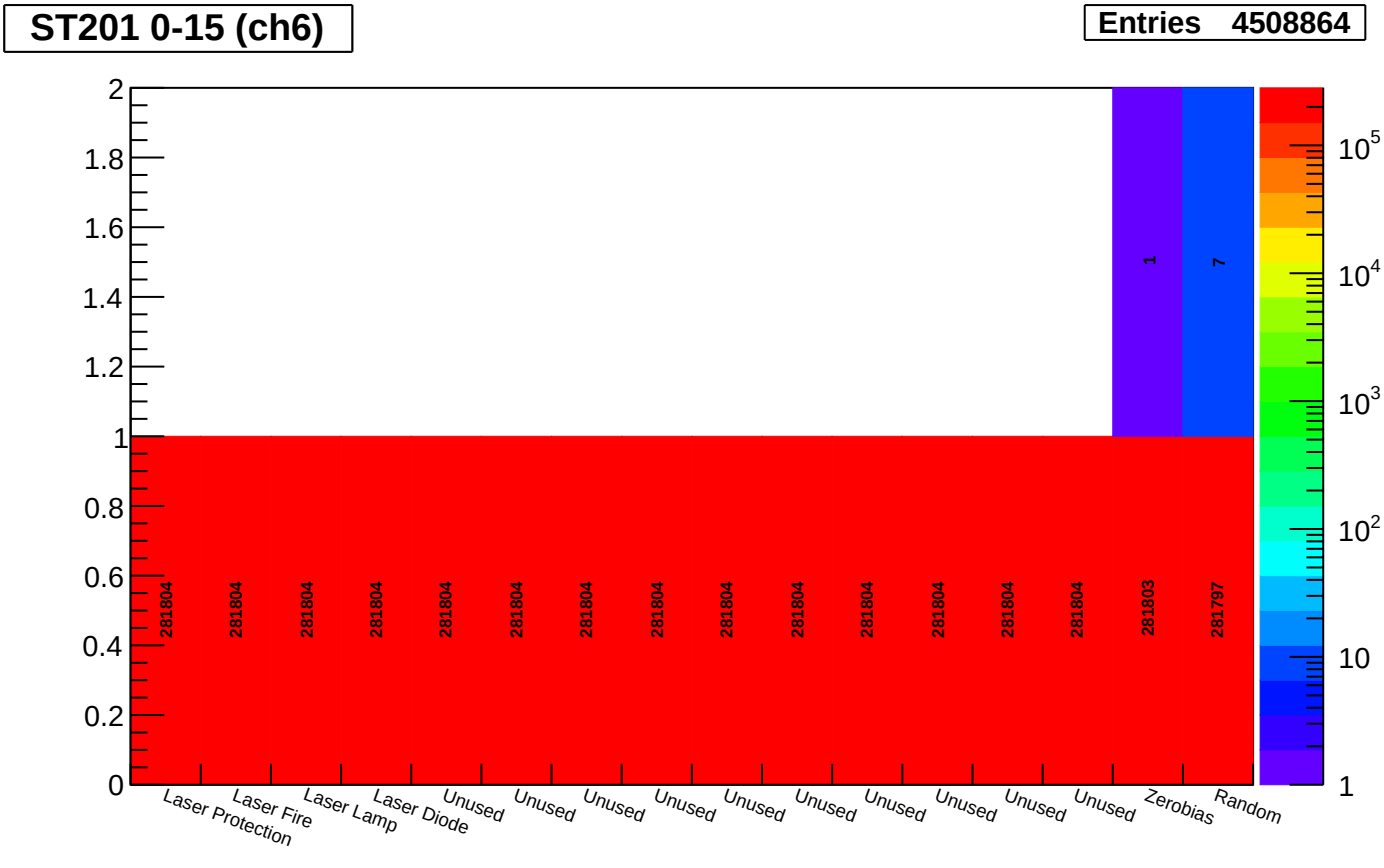

Entries 281804
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

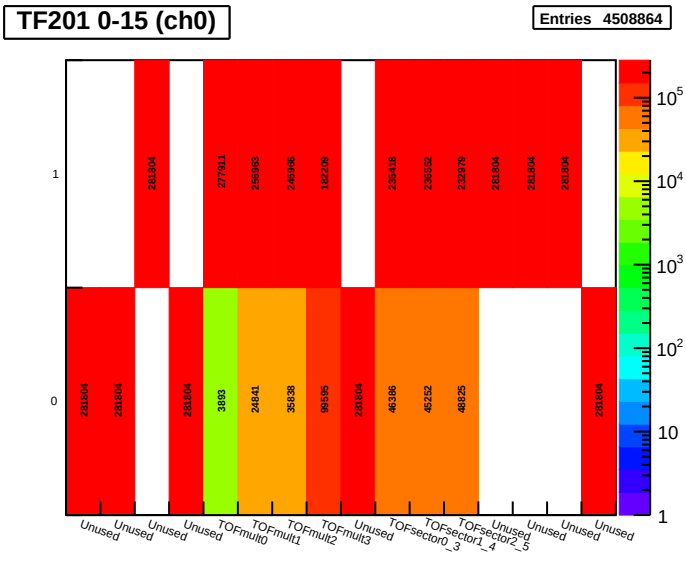

Entries 281804
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

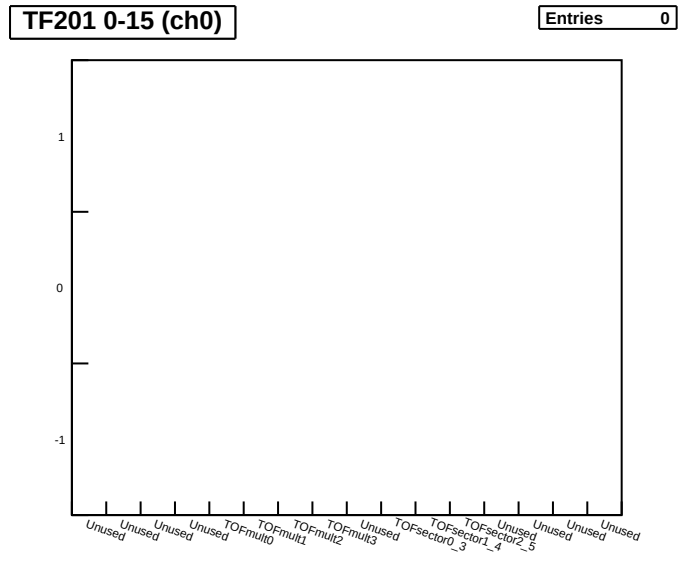

Entries 281804
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

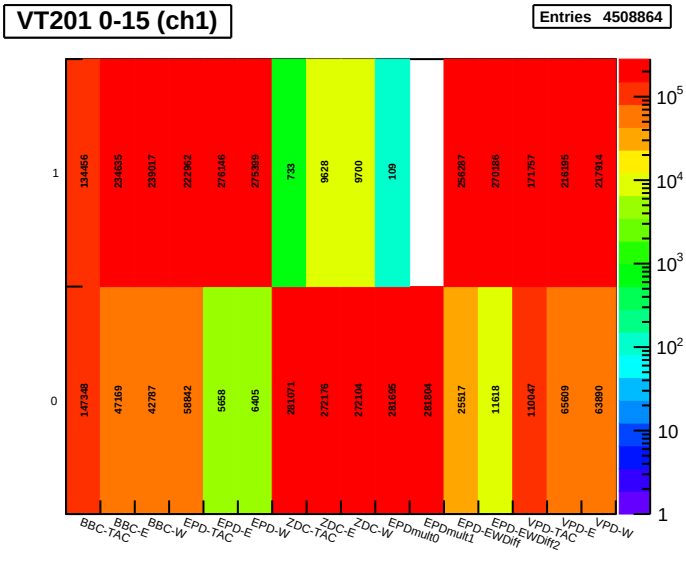

Entries 281804
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

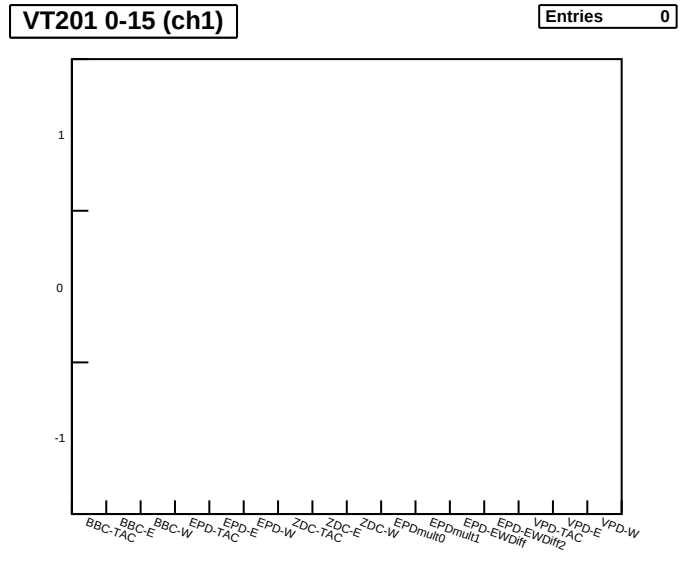

Laser Input Bits
Entries 281804
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

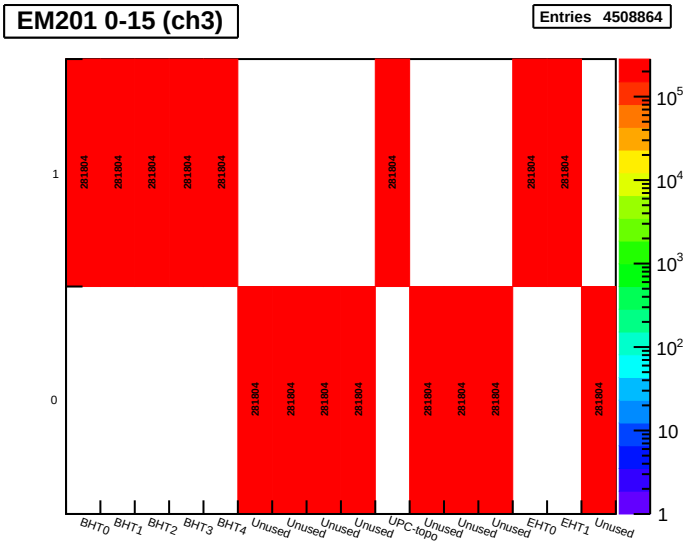

ST201 0-15 (ch6)
Entries 4508864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
281804
281804
281804
281804
281804
281804
281804
281804
281804
281804
281804
281804
281804
281804
281803
281797
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

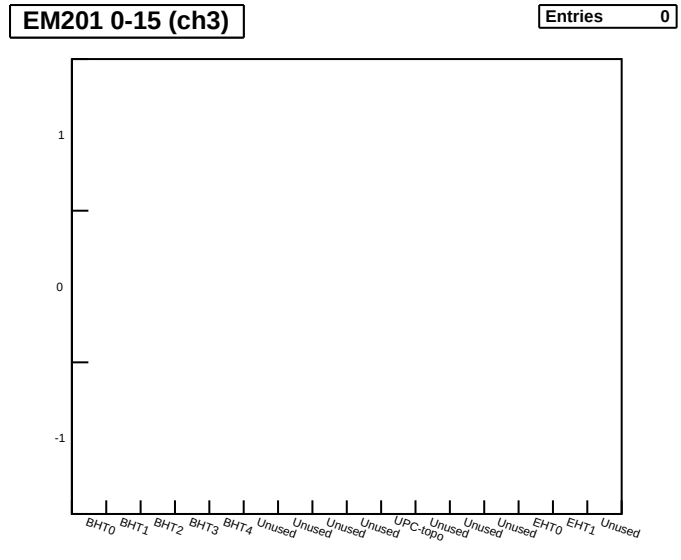

TF201 0-15 (ch0)
Entries 4508864
1
0
281804 281804 281804 3893 24841 35838 99595 281804 46386 45252 48825 281804
281804 277911 256963 246966 182209 235418 236552 232979 281804 281804 281804
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4508864
1
0
147348 47169 42767 58842 5658 6405 281071 272176 272104 281695 281894 25517 11618 110047 65609 63890
134456 234635 239017 222962 276146 275399 733 9628 9700 109 256287 270186 171757 216195 217914
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 4508864
1
0
281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804 281804
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