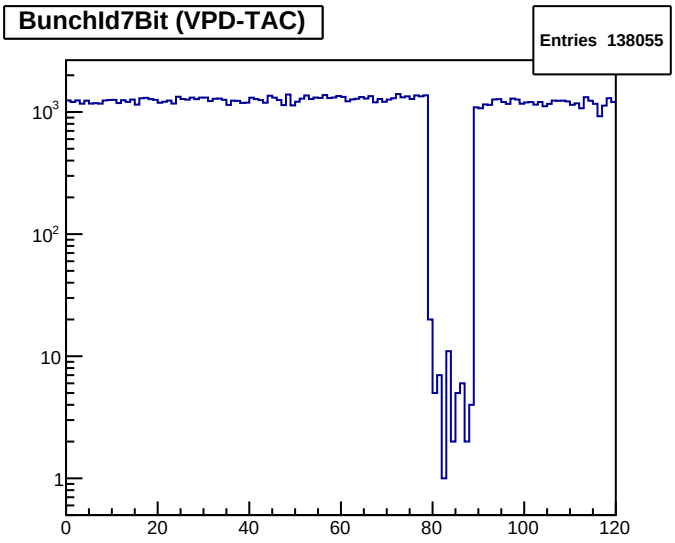
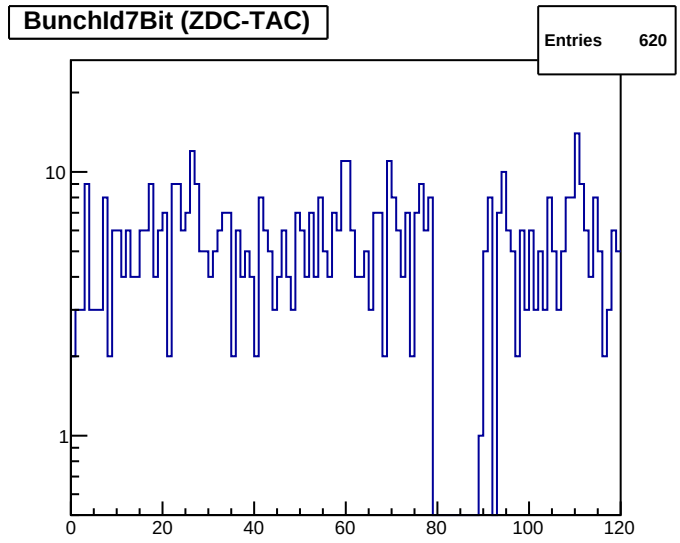
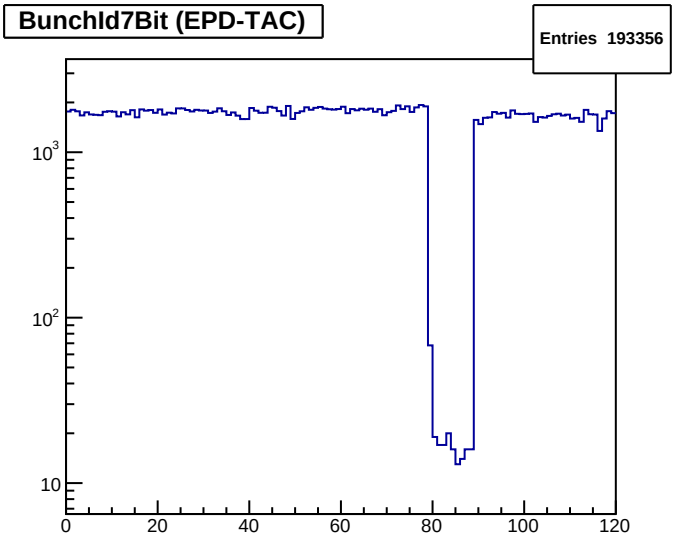
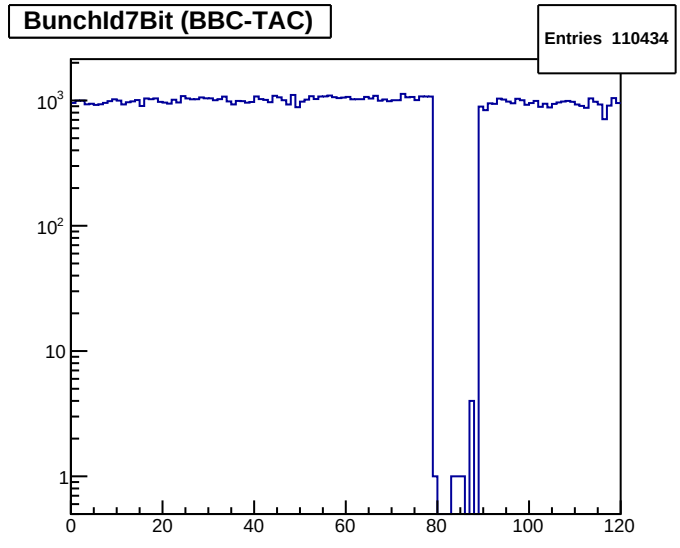
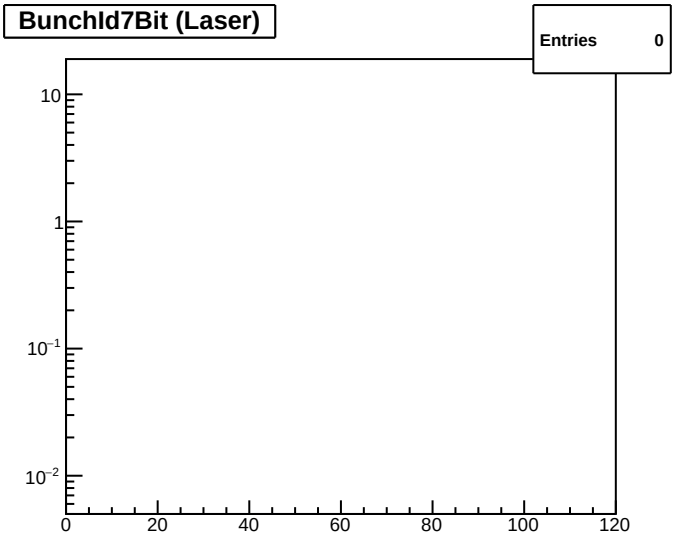
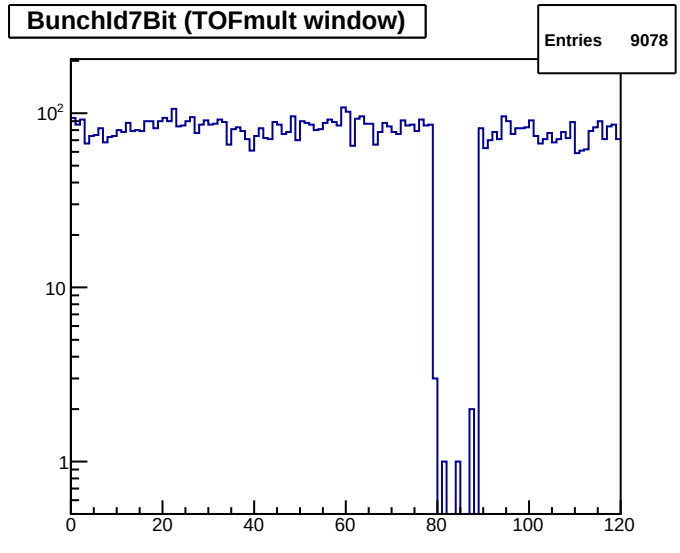

BunchId7Bit (VPD-TAC)
Entries 138055

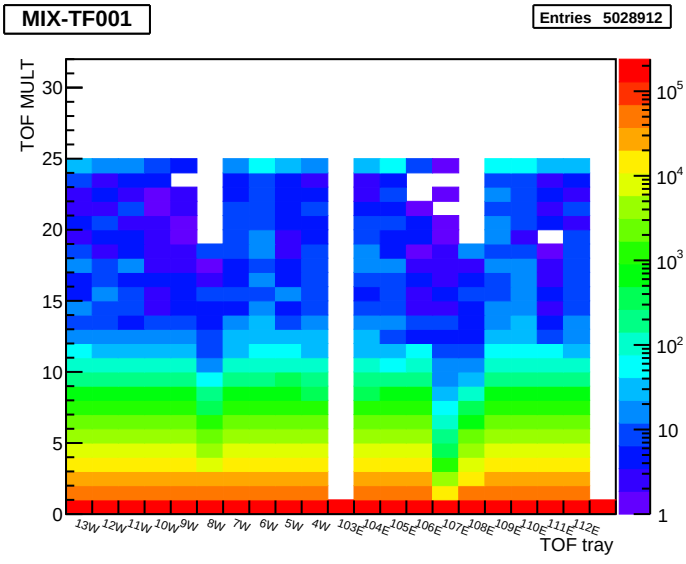

BunchId7Bit (ZDC-TAC)
Entries 620

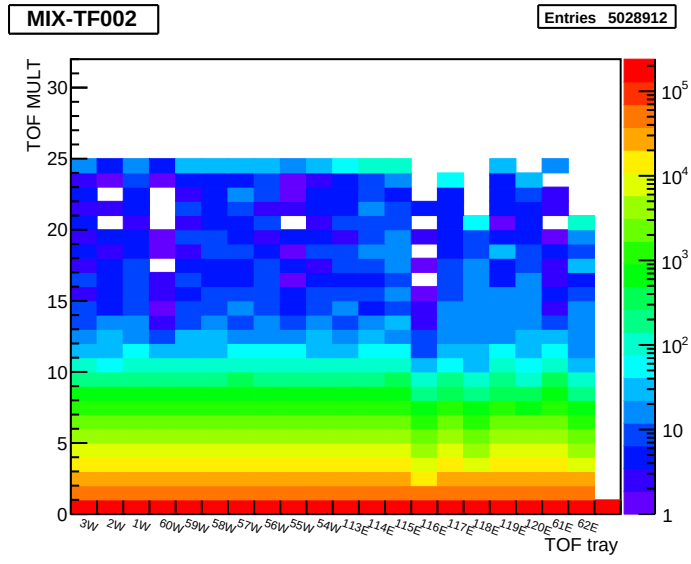

BunchId7Bit (EPD-TAC)
Entries 193356

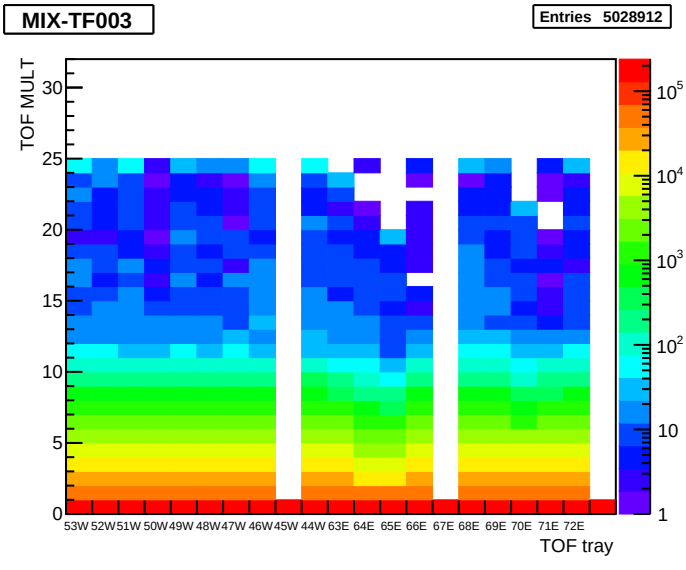

BunchId7Bit (BBC-TAC)
Entries 110434

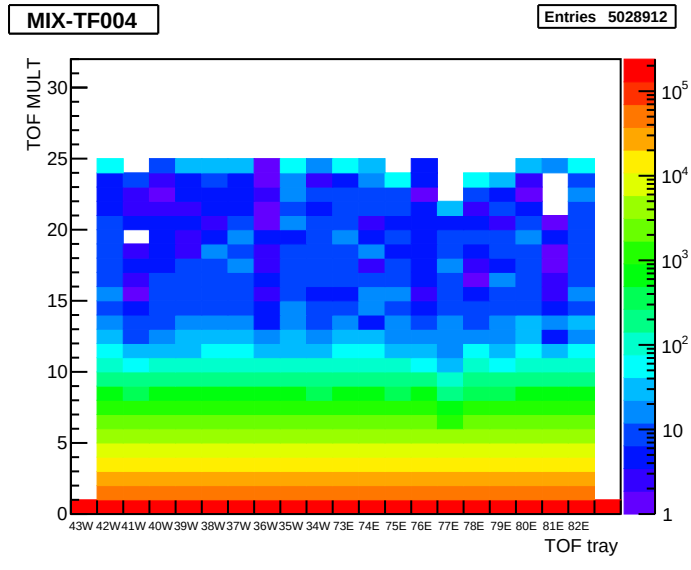

BunchId7Bit (Laser)
Entries 0

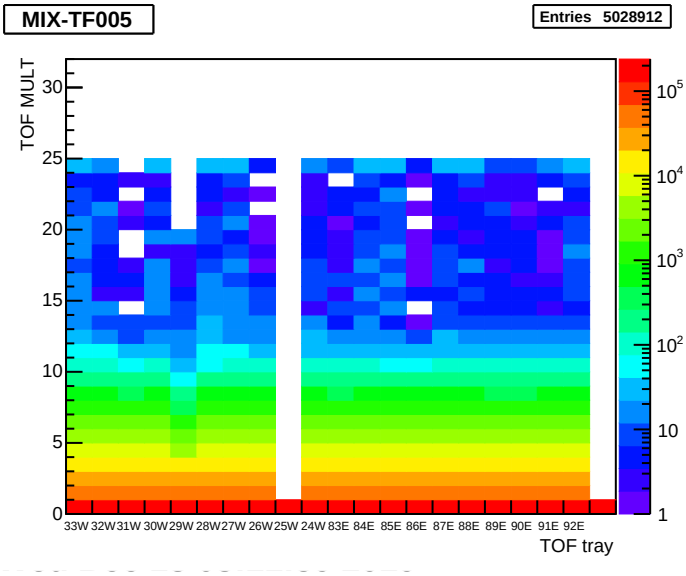

BunchId7Bit (TOFmult window)
Entries 9078

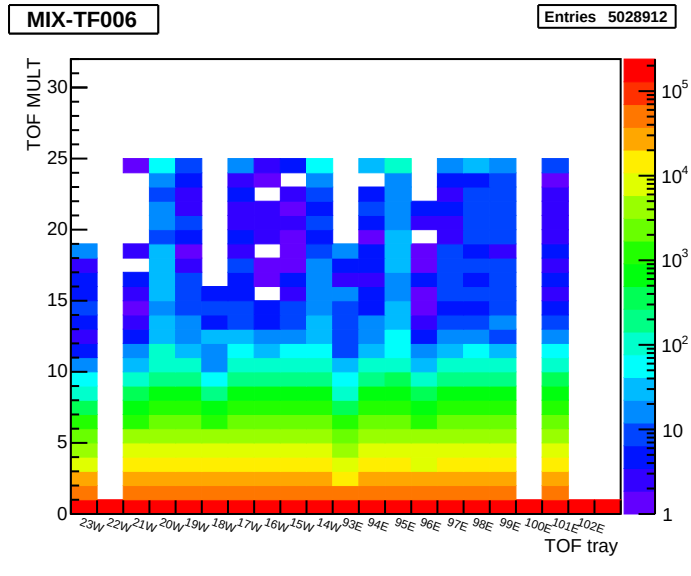

MIX-TF001
Entries 5028912
TOF MULT
TOF tray

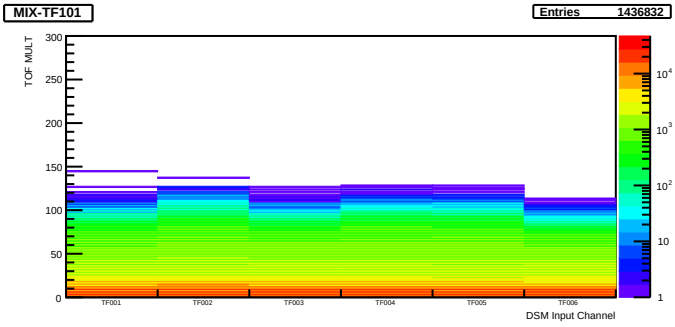

MIX-TF002
Entries 5028912
TOF MULT
TOF tray

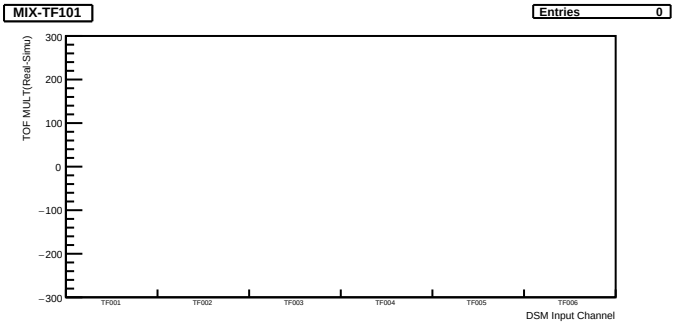

MIX-TF003
Entries 5028912
TOF MULT
TOF tray

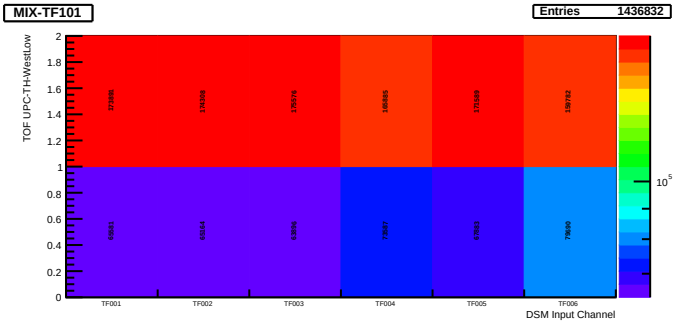

MIX-TF004
Entries 5028912
TOF MULT
TOF tray

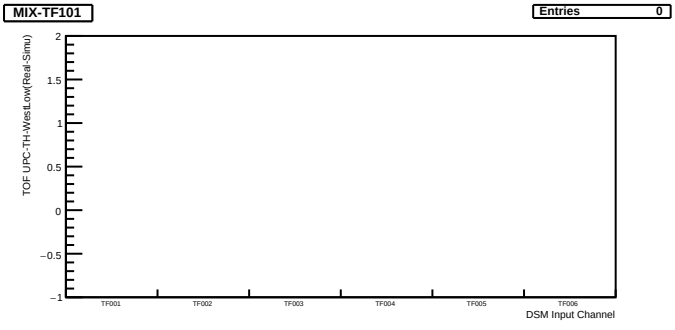

MIX-TF005
Entries 5028912
TOF MULT
TOF tray

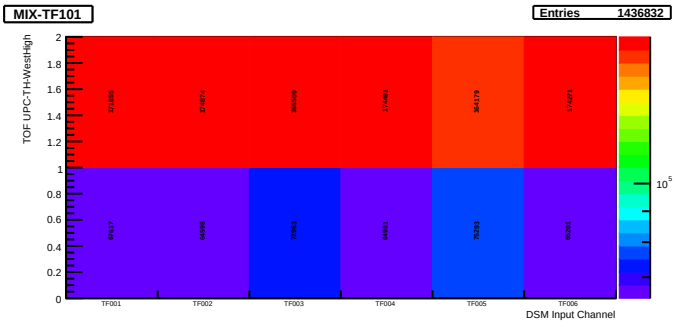

MIX-TF006
Entries 5028912
TOF MULT
TOF tray

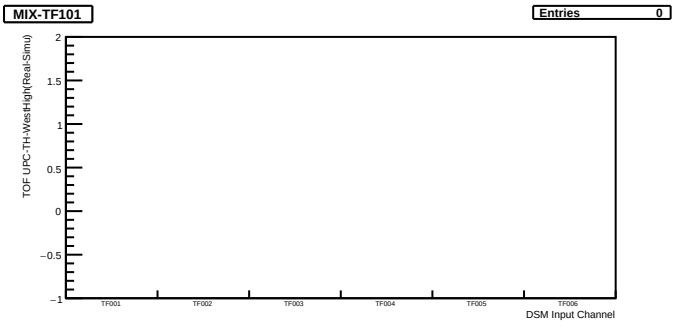

MIX-TF101
Entries 1436832
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

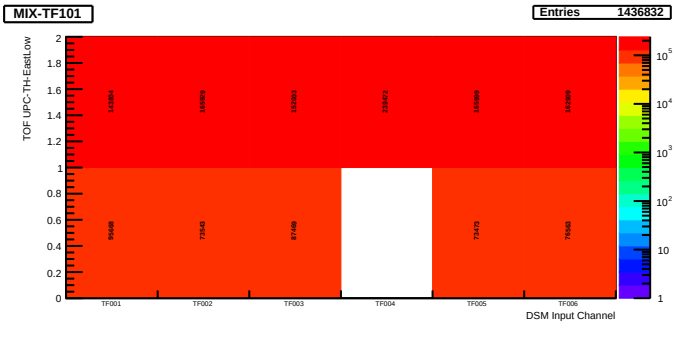

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

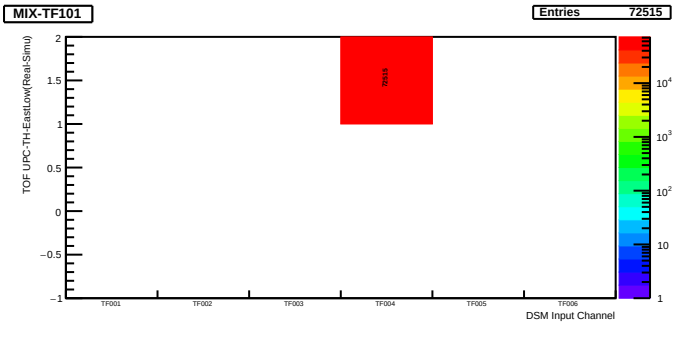

MIX-TF101
Entries 1436832
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

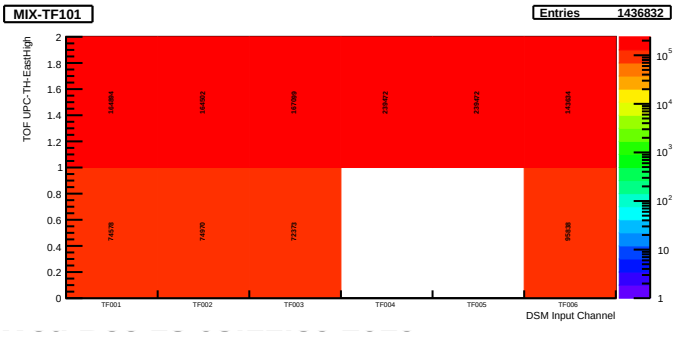

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

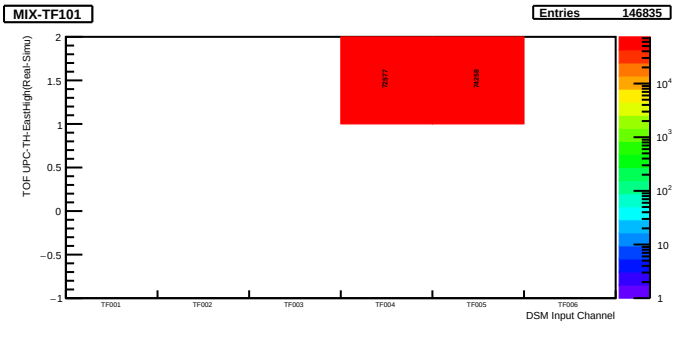

MIX-TF101
Entries 1436832
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

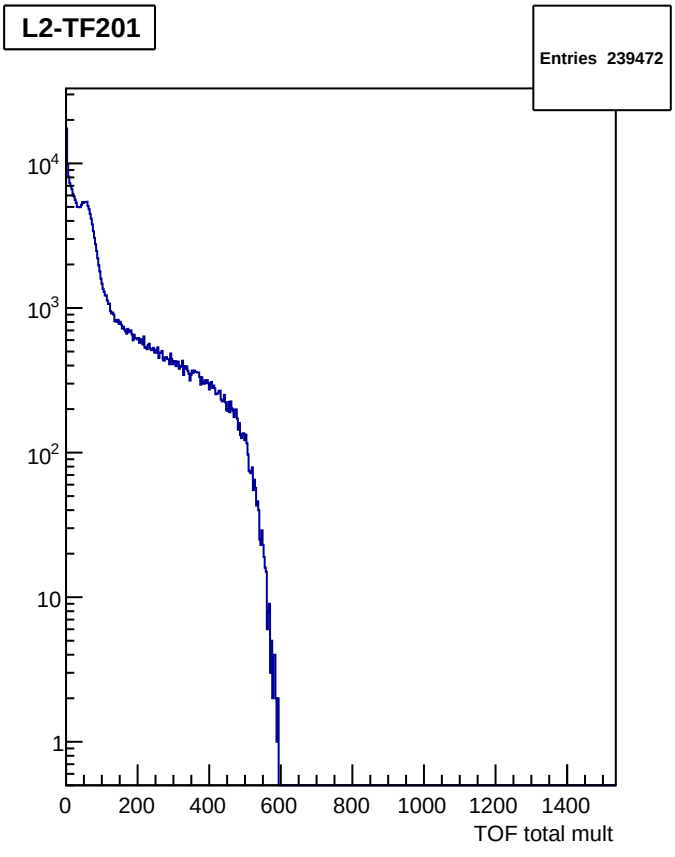

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

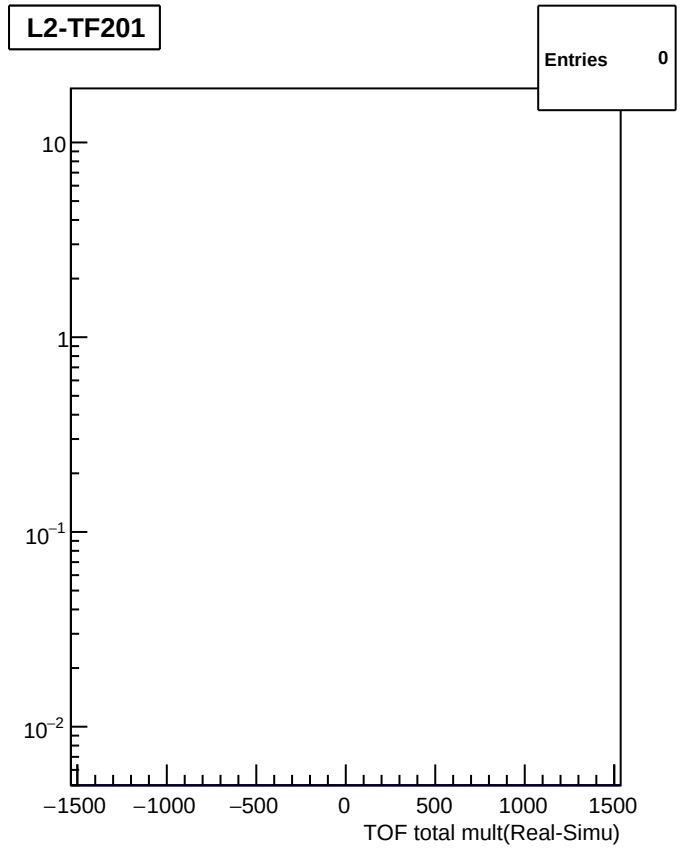

MIX-TF101
Entries 1436832
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

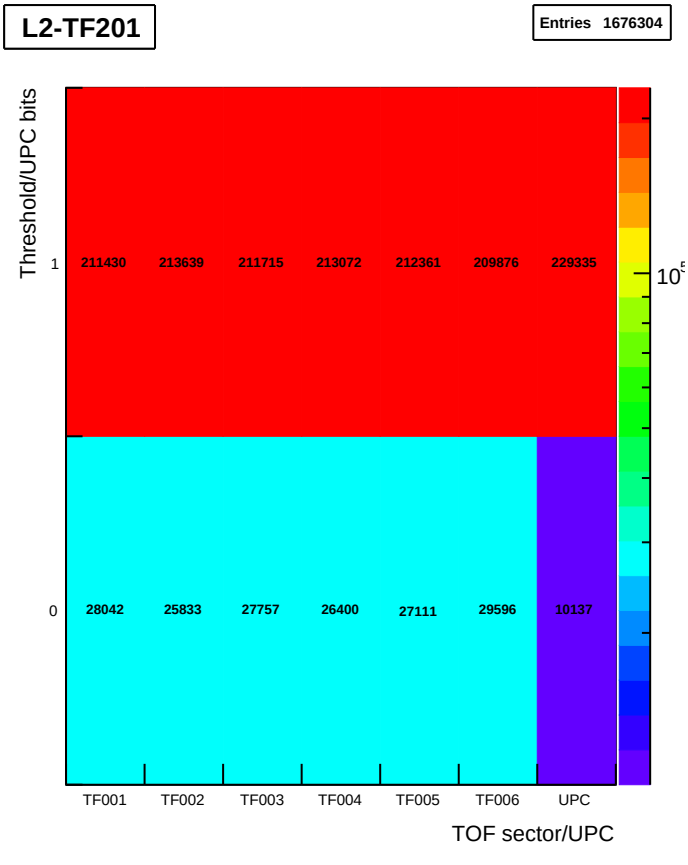

MIX-TF101
Entries 72515
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

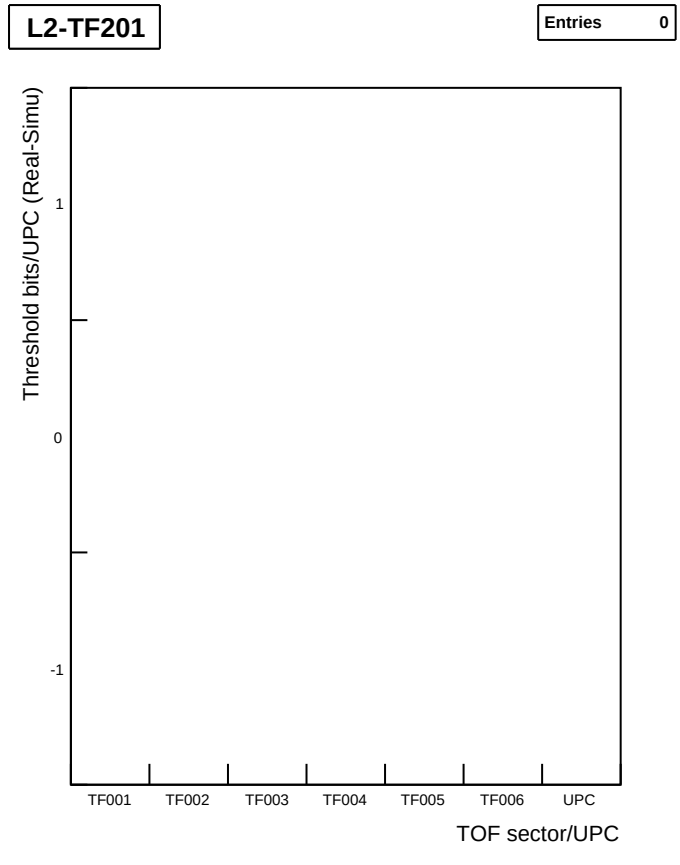

MIX-TF101
Entries 1436832
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

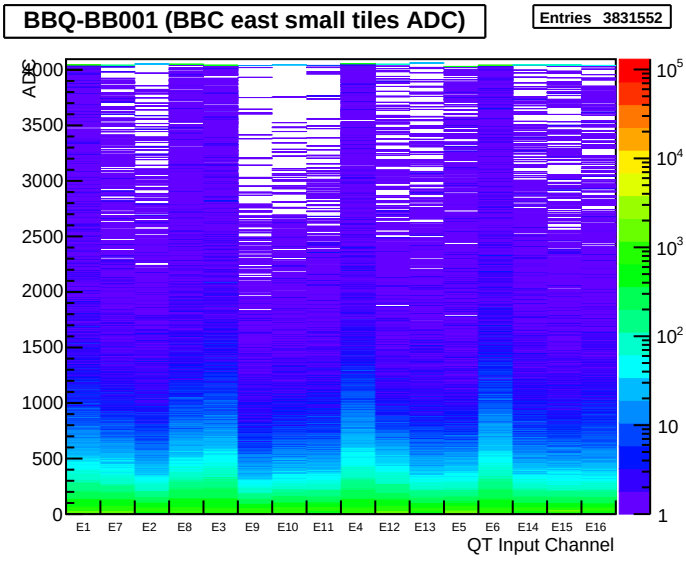

MIX-TF101
Entries 146835
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

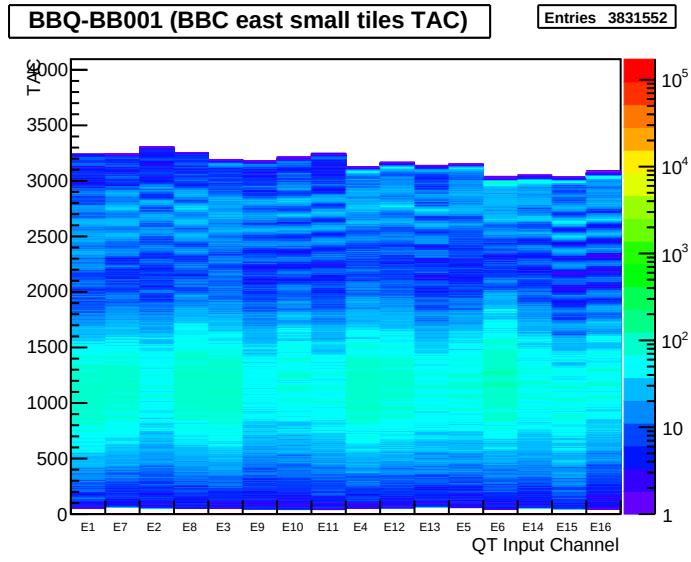

L2-TF201
Entries 239472
TOF total mult

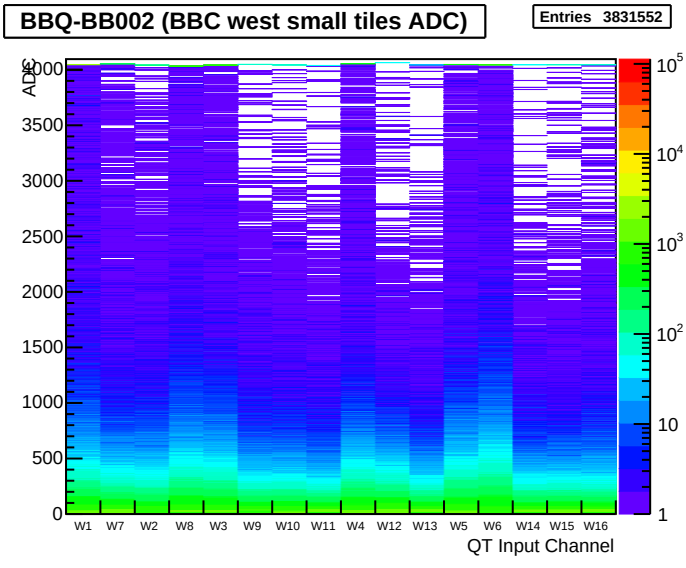

L2-TF201
Entries 0
TOF total mult(Real-Simu)

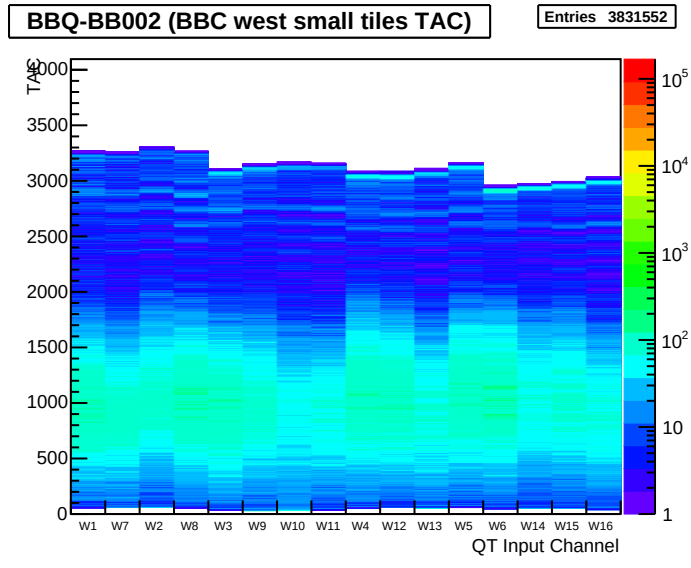

L2-TF201
Entries 1676304
Threshold/UPC bits
211430
213639
211715
213072
212361
209876
229335
28042
25833
27757
26400
27111
29596
10137
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

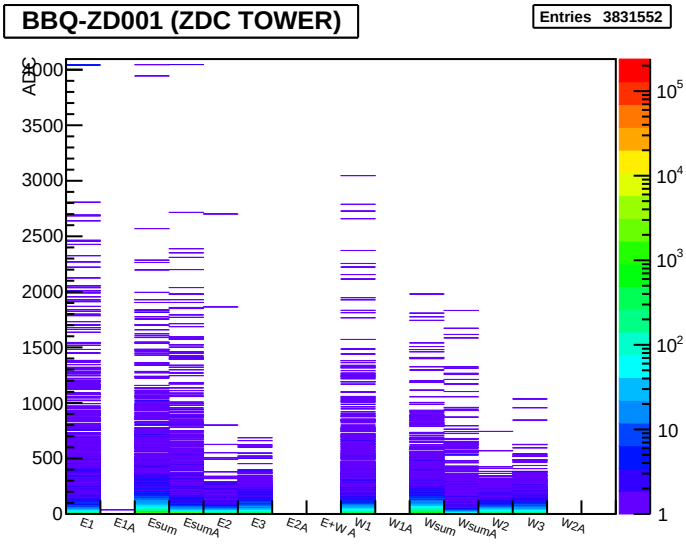

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

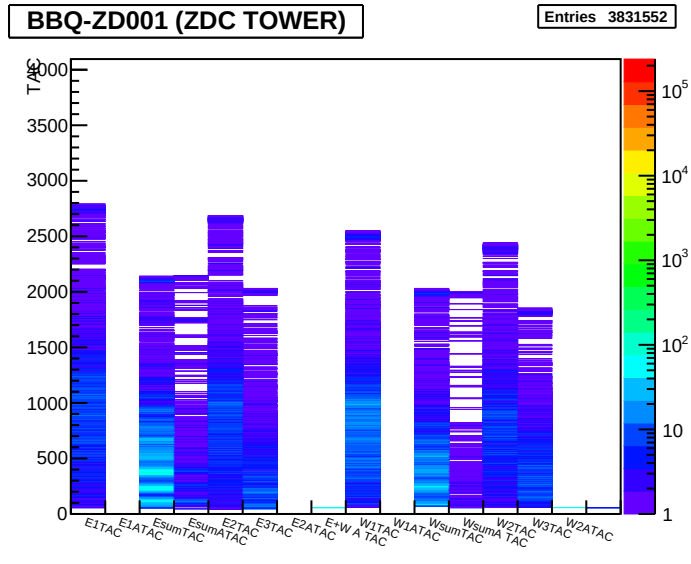

BBQ-BB001 (BBC east small tiles ADC)
Entries 3831552
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

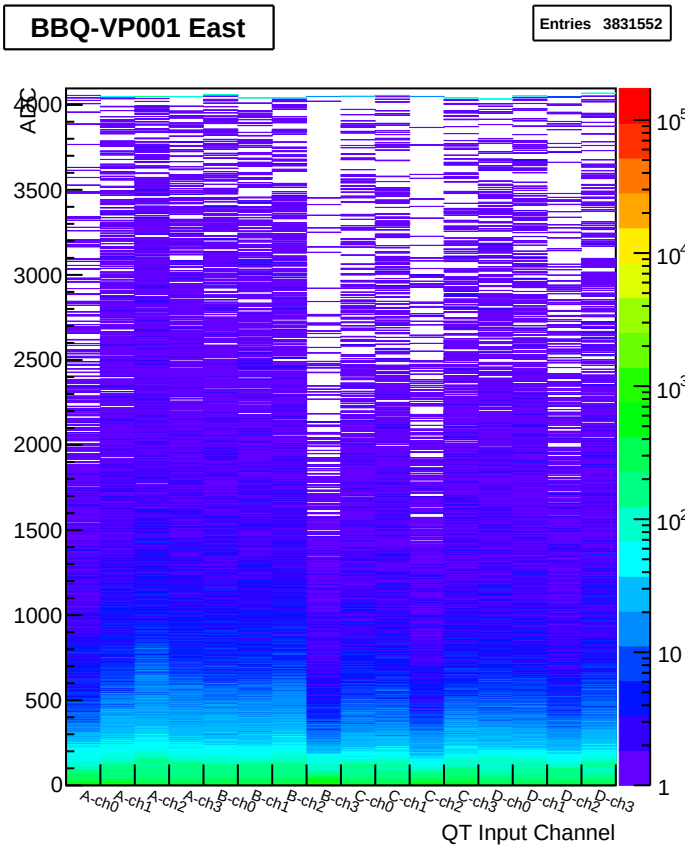

BBQ-BB001 (BBC east small tiles TAC)
Entries 3831552
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

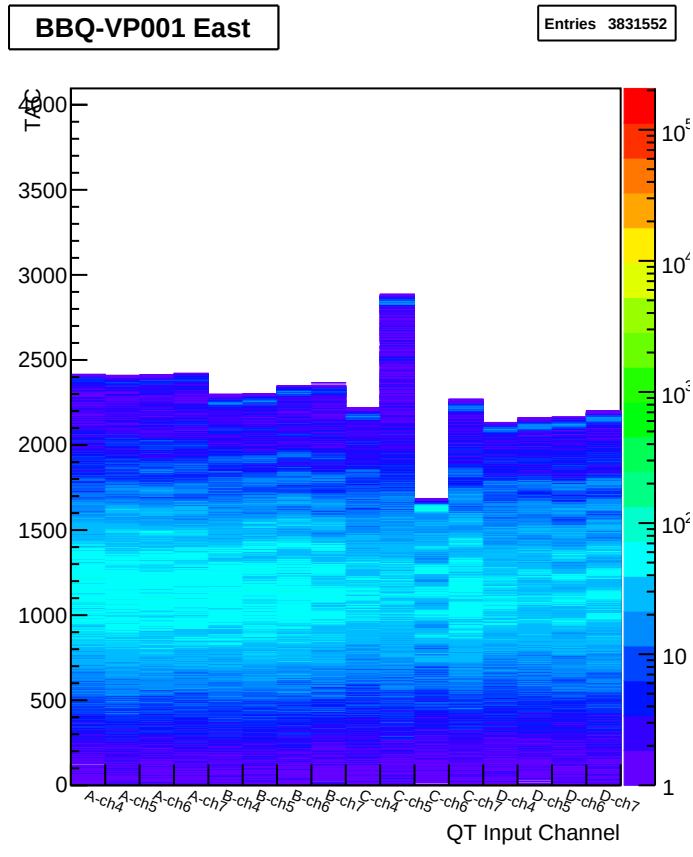

BBQ-BB002 (BBC west small tiles ADC)
Entries 3831552
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

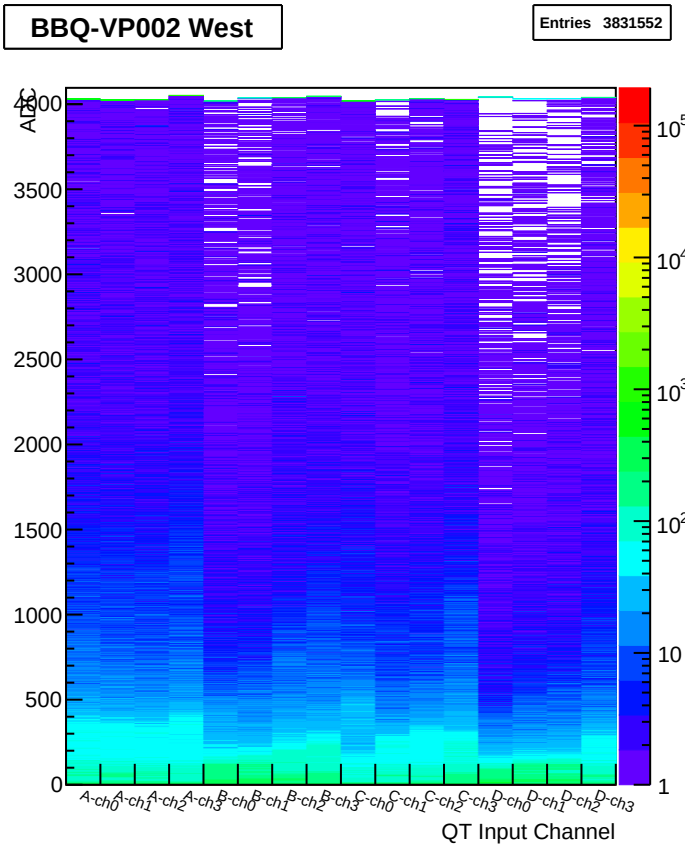

BBQ-BB002 (BBC west small tiles TAC)
Entries 3831552
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

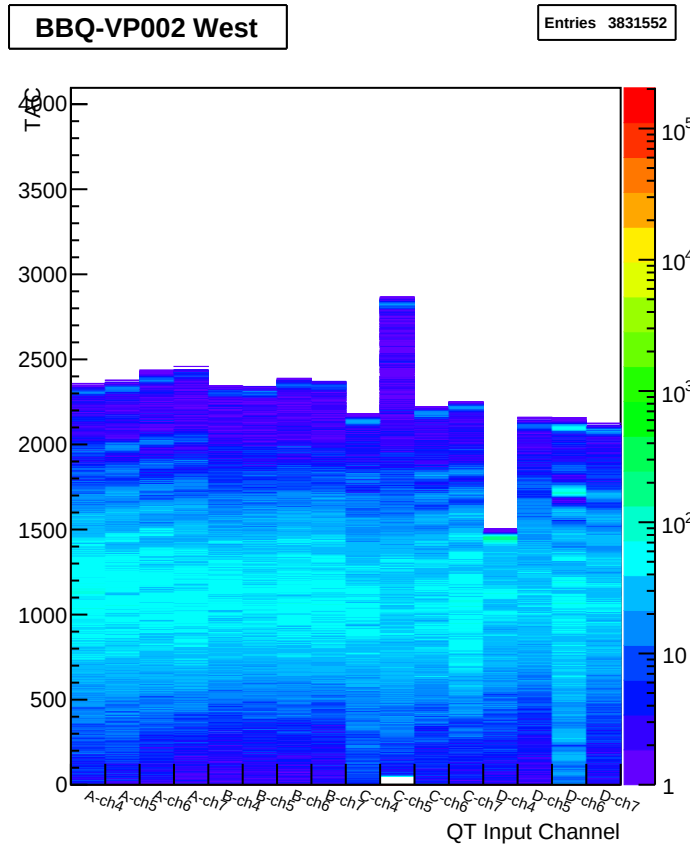

BBQ-ZD001 (ZDC TOWER)
Entries 3831552
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

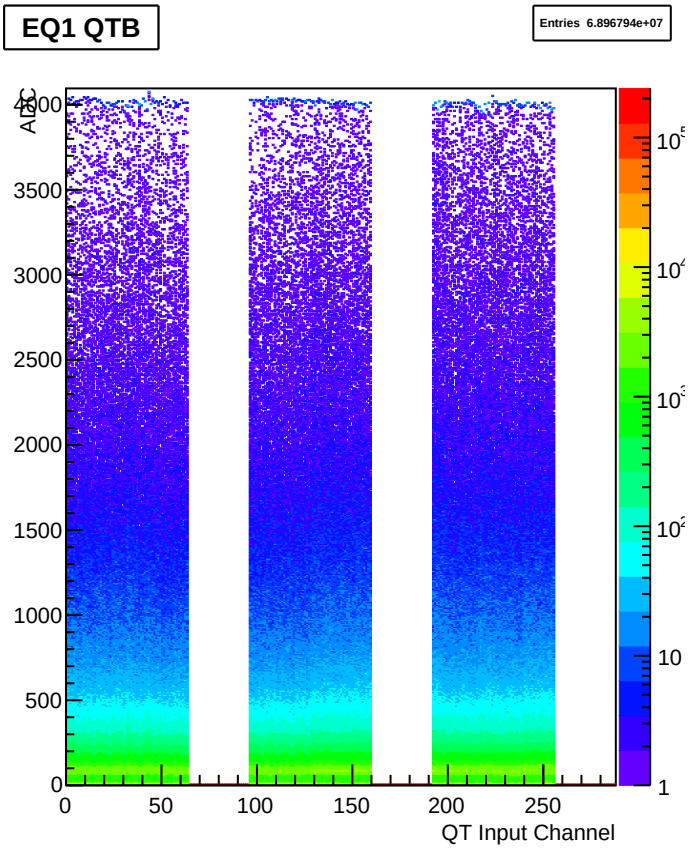

BBQ-ZD001 (ZDC TOWER)
Entries 3831552
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

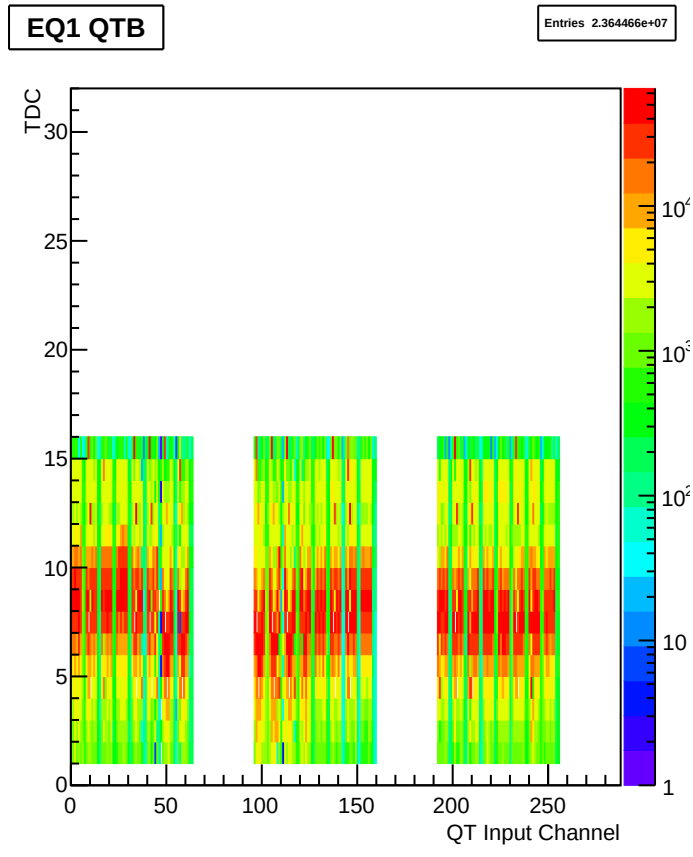

BBQ-VP001 East
Entries 3831552
ADC
QT Input Channel

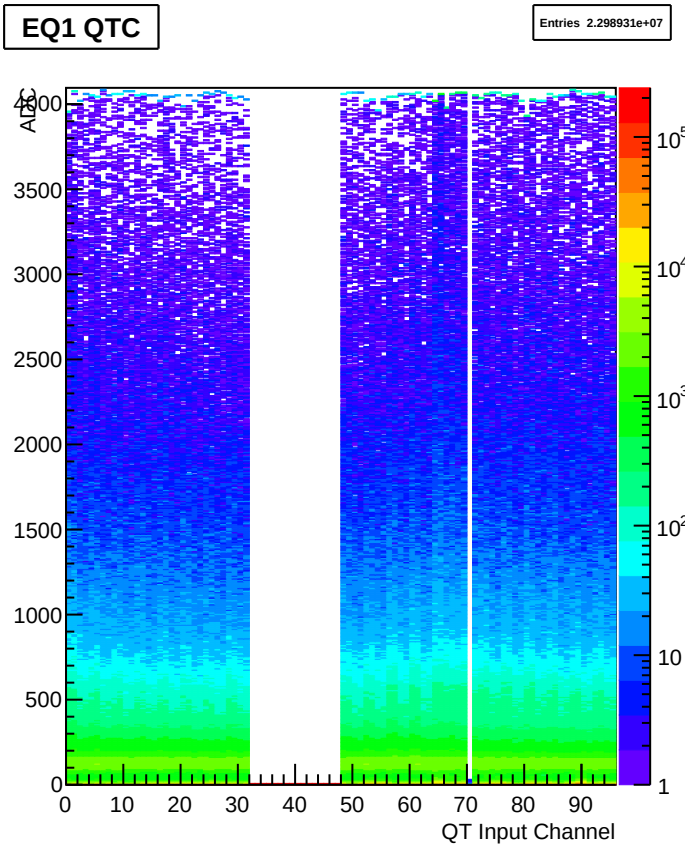

BBQ-VP001 East
Entries 3831552
TADC
QT Input Channel

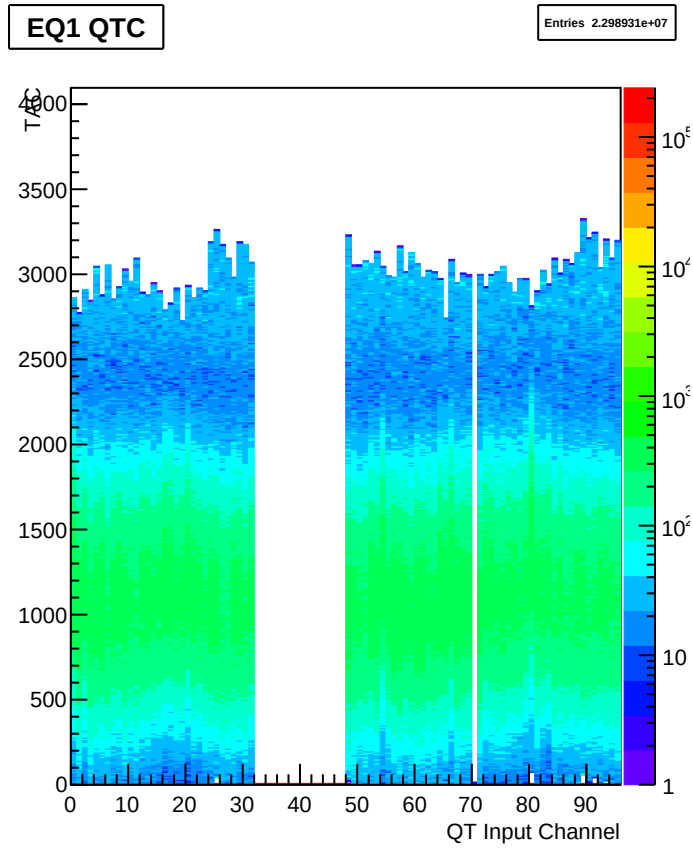

BBQ-VP002 West
Entries 3831552
ADC
QT Input Channel

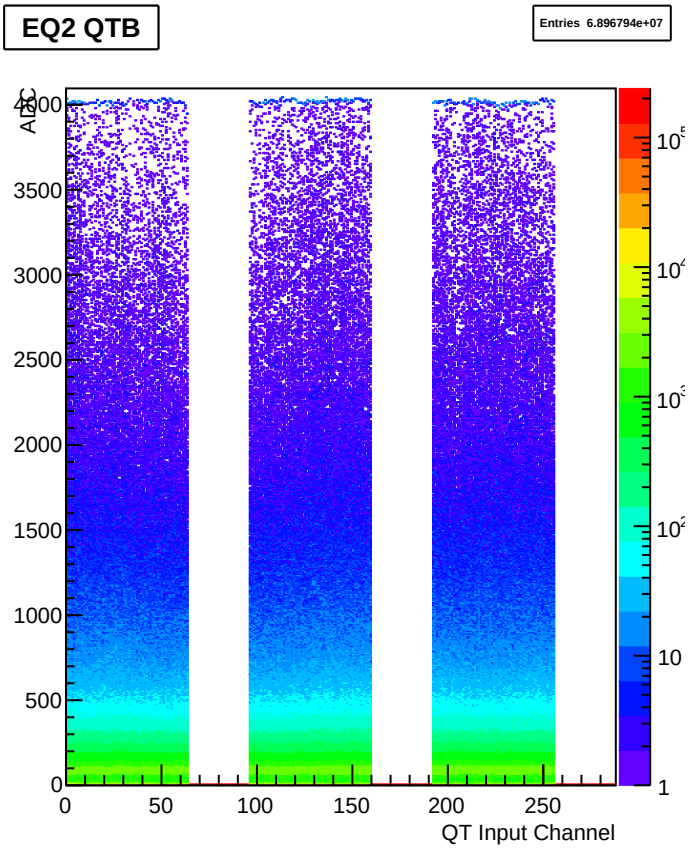

BBQ-VP002 West
Entries 3831552
TADC
QT Input Channel

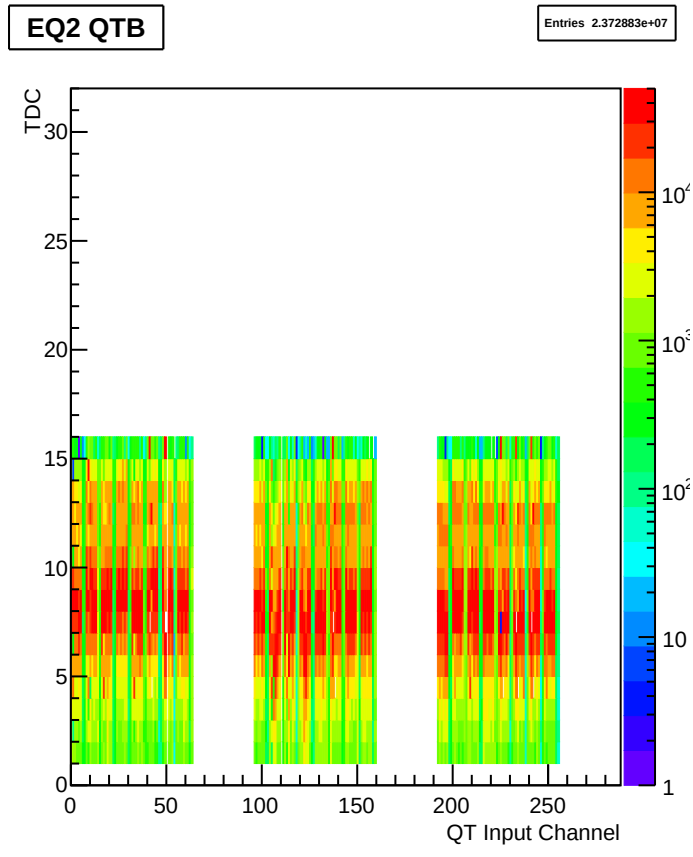

EQ1 QTB
Entries 6.896794e+07
ADC
QT Input Channel

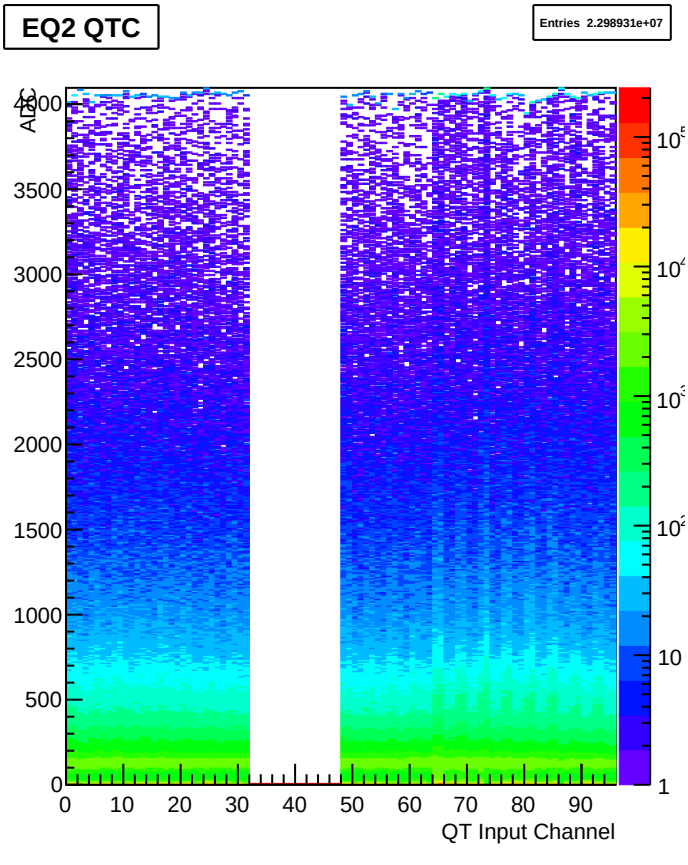

EQ1 QTB
Entries 2.364466e+07
TDC
QT Input Channel

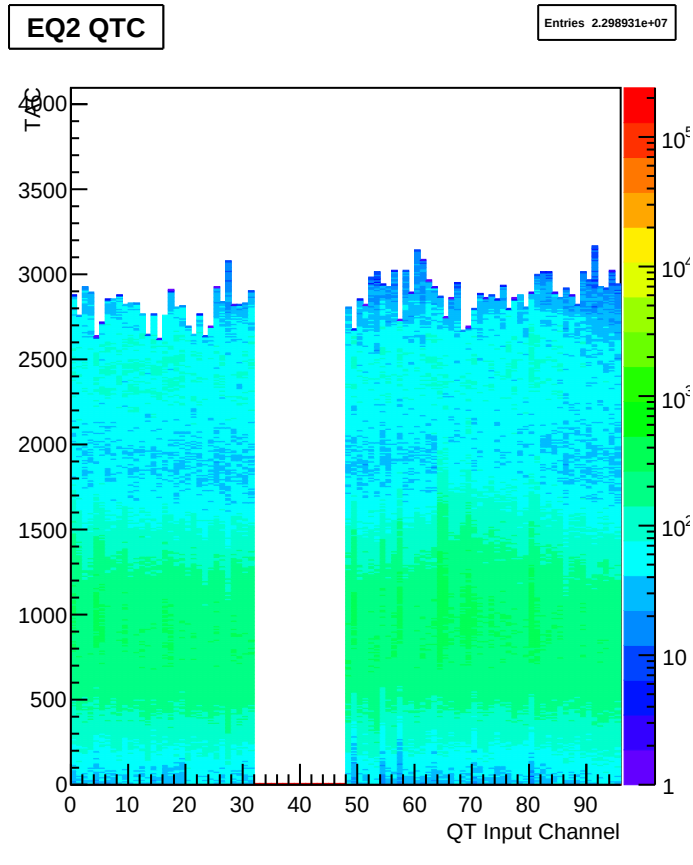

EQ1 QTC
Entries 2.298931e+07
ADC
QT Input Channel

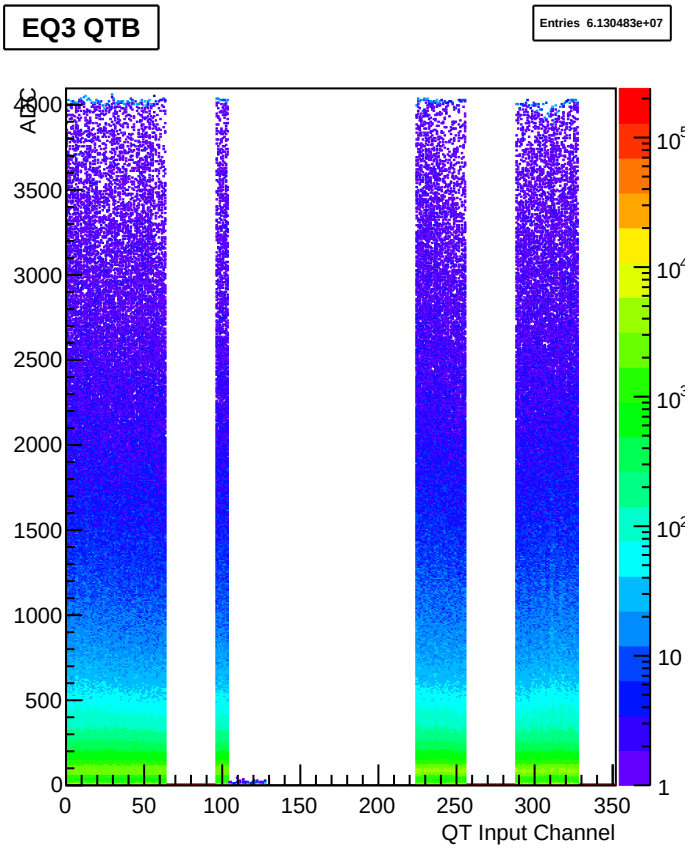

EQ1 QTC
Entries 2.298931e+07
TADC
QT Input Channel

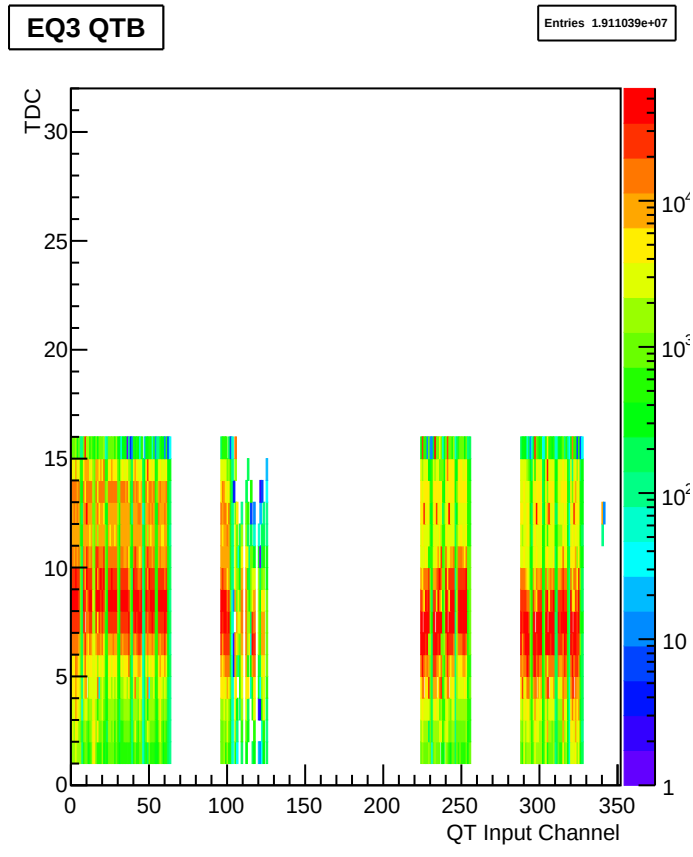

EQ2 QTB
Entries 6.896794e+07
ADC
QT Input Channel

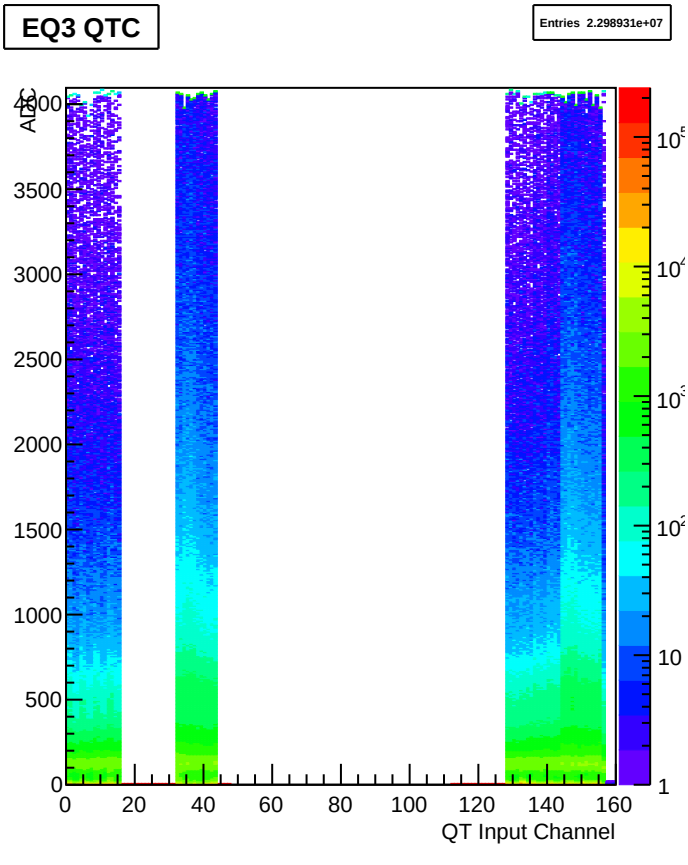

EQ2 QTB
Entries 2.372883e+07
TDC
QT Input Channel

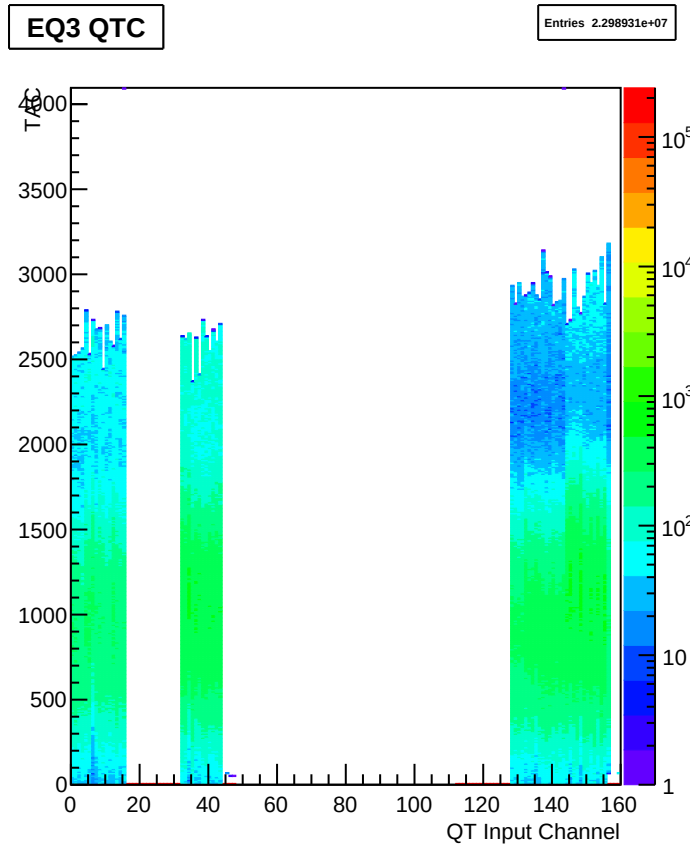

EQ2 QTC
Entries 2.298931e+07
ADC
QT Input Channel

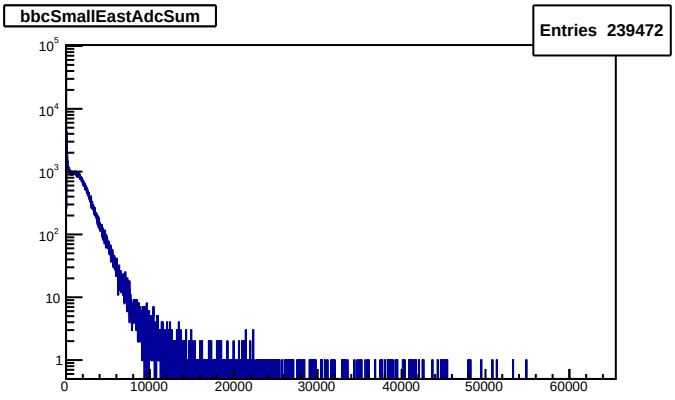

EQ2 QTC
Entries 2.298931e+07
TADC
QT Input Channel

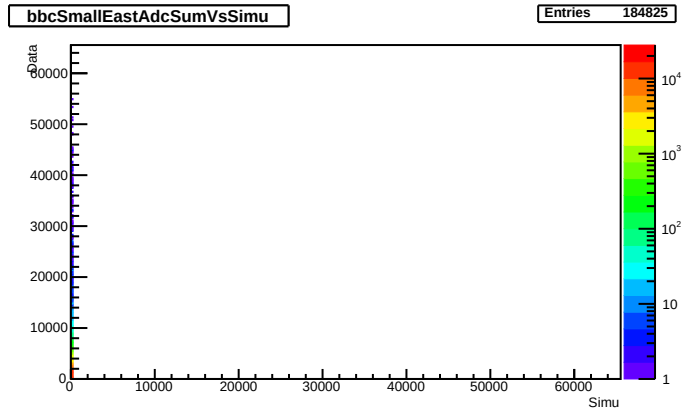

EQ3 QTB
Entries 6.130483e+07
ADC
QT Input Channel

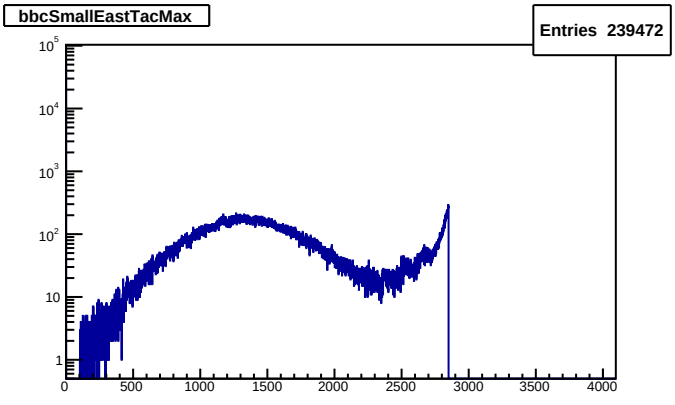

EQ3 QTB
Entries 1.911039e+07
TDC
QT Input Channel

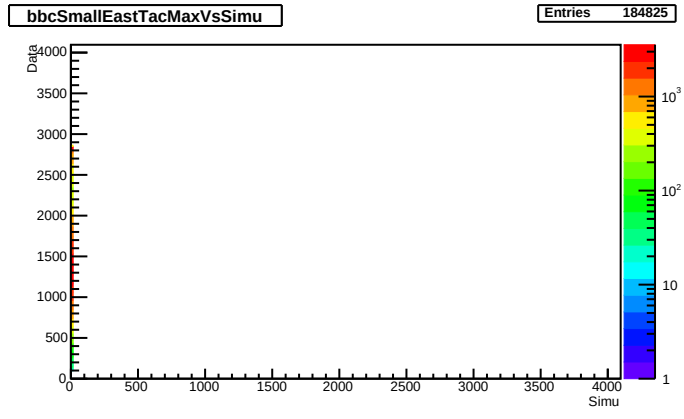

EQ3 QTC
Entries 2.298931e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.298931e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 239472


bbcSmallEastAdcSumVsSimu
Entries 184825
Data
Simu


bbcSmallEastTacMax
Entries 239472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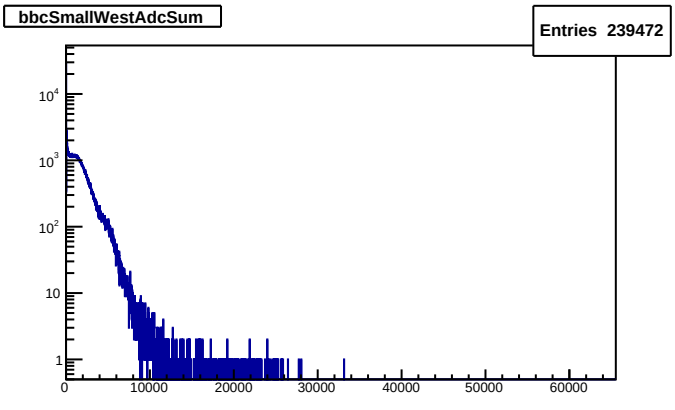
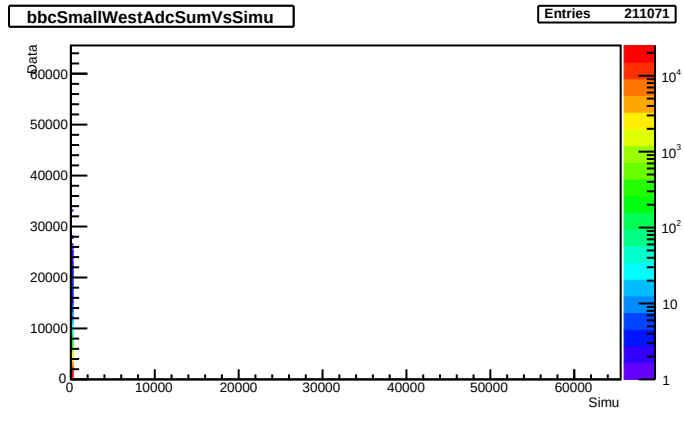
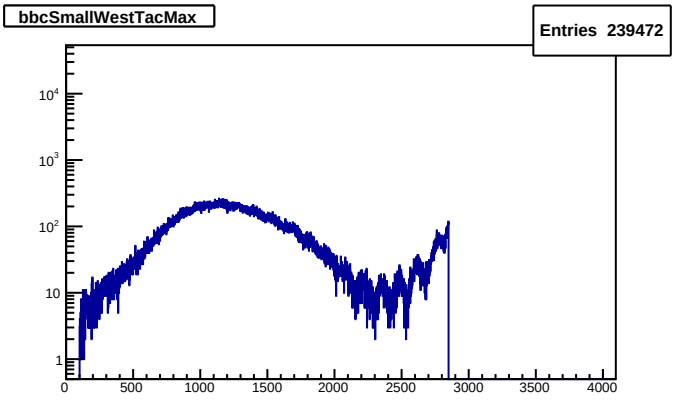
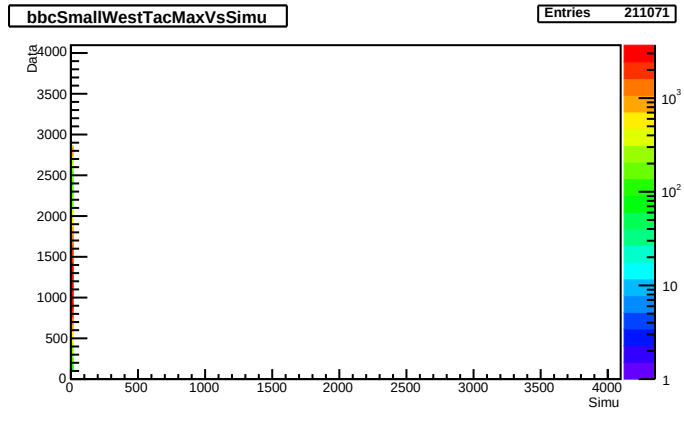
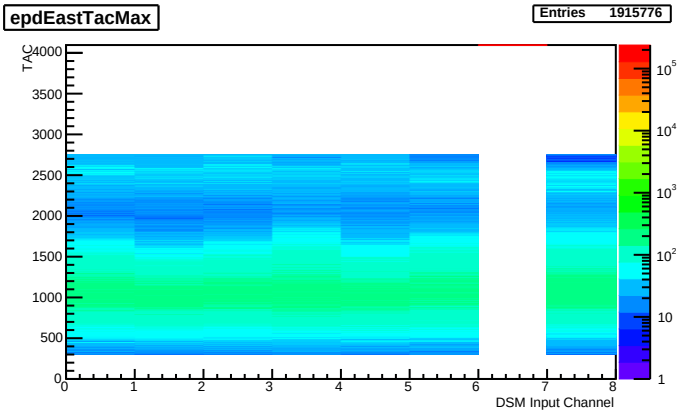
Entries 184825
Data
Simu

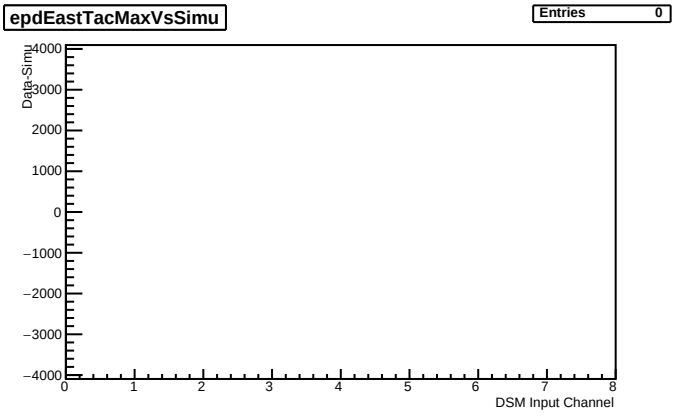

bbcSmallWestAdcSum
Entries 239472

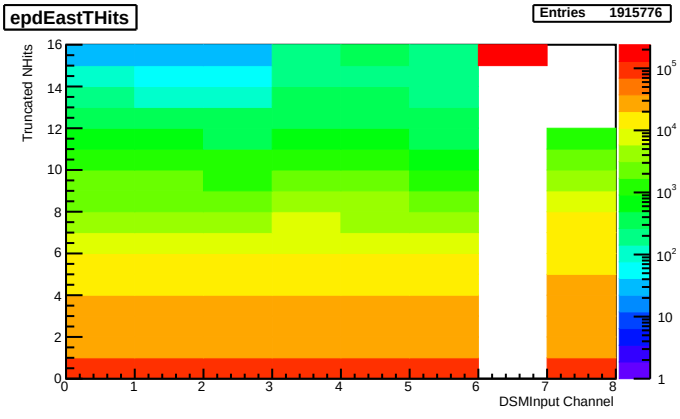

bbcSmallWestAdcSumVsSimu
Entries 211071
Data
Simu

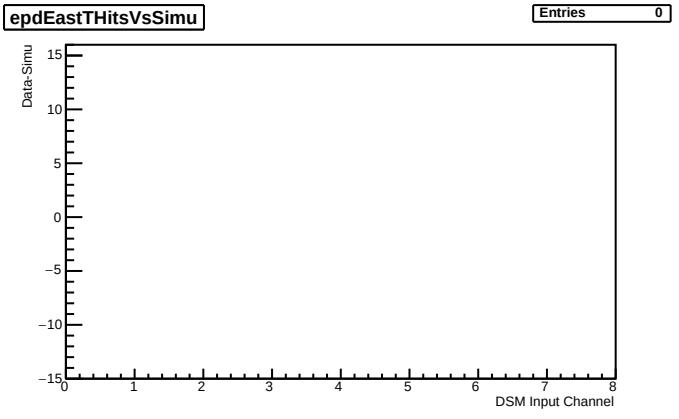

bbcSmallWestTacMax
Entries 239472

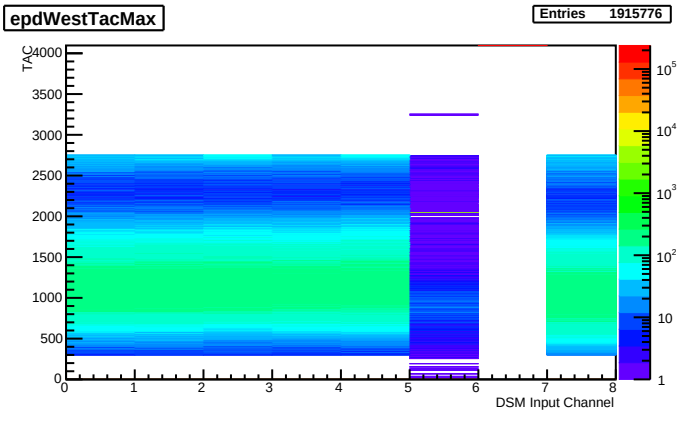

bbcSmallWestTacMaxVsSimu
Entries 211071
Data
Simu

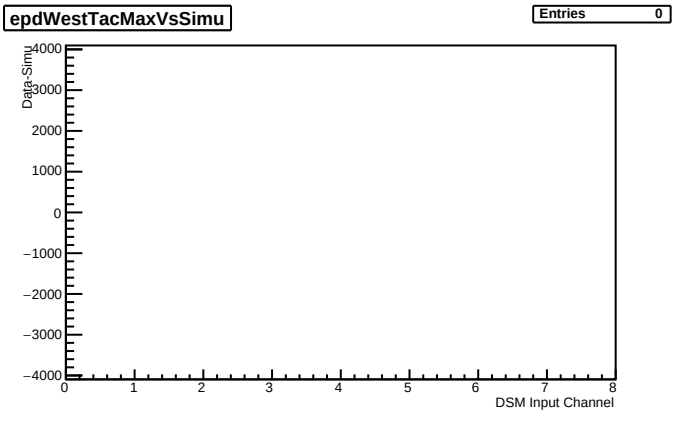

epdEastTacMax
Entries 1915776
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1915776
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1915776
TAC
DSM Input Channel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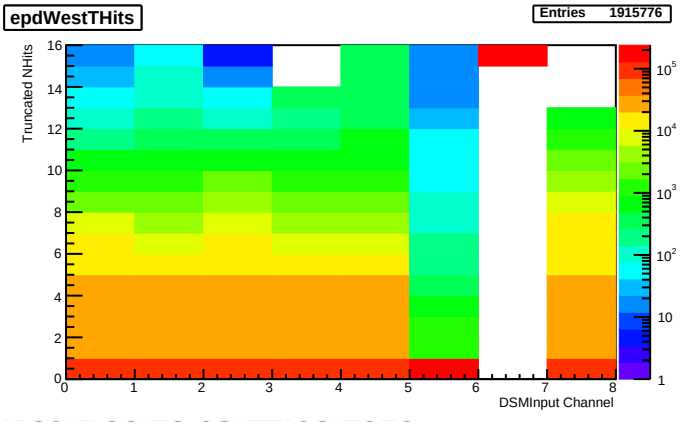
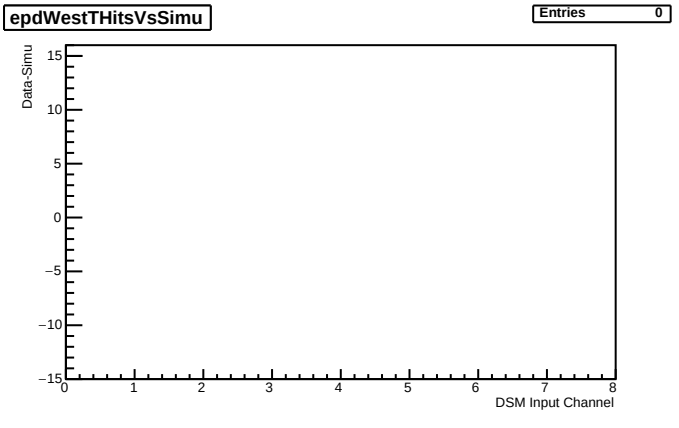
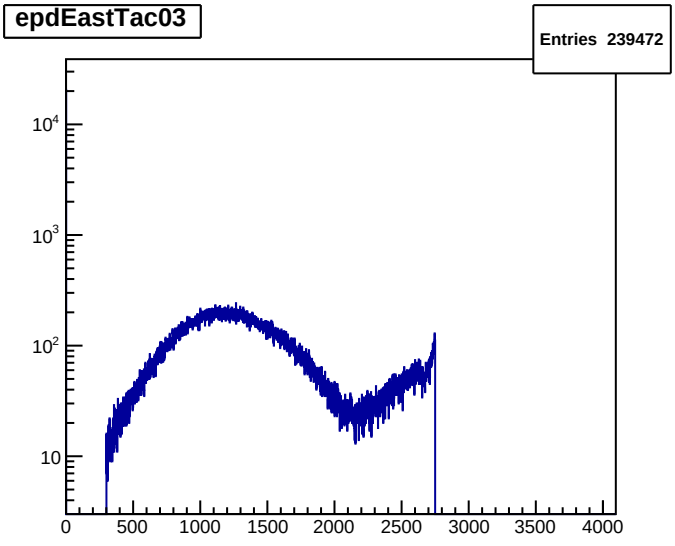
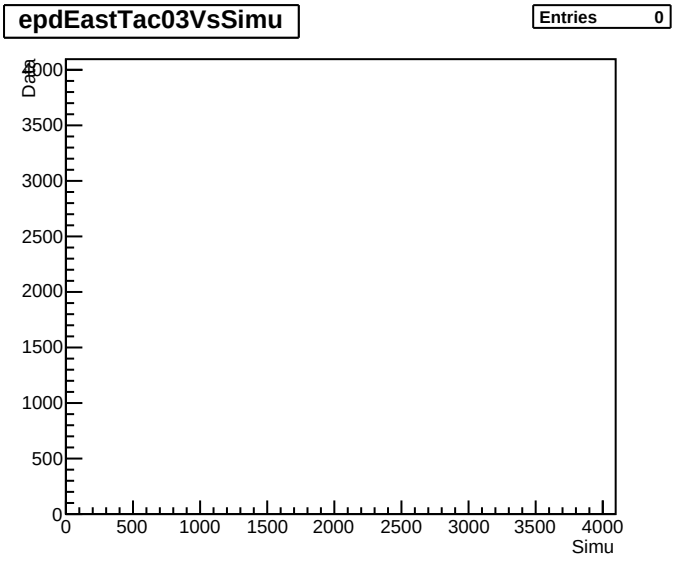
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1915776
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 239472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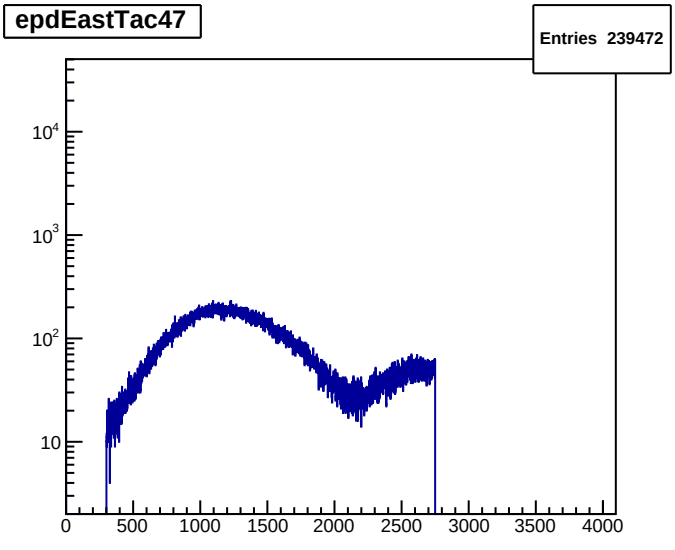
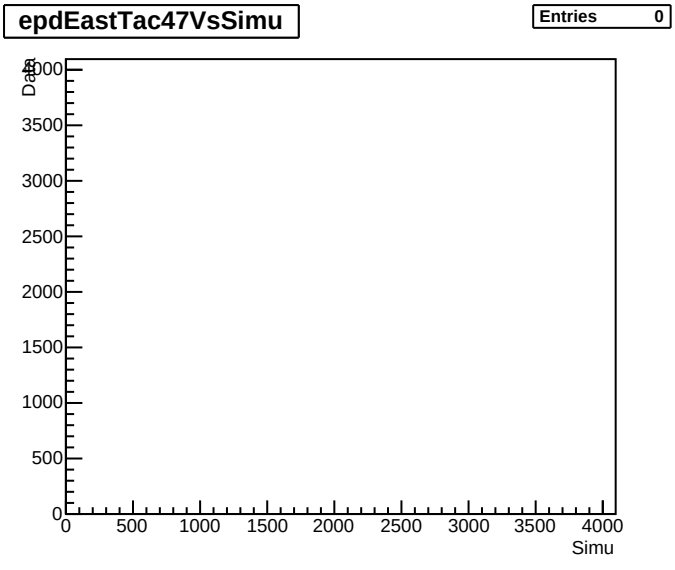
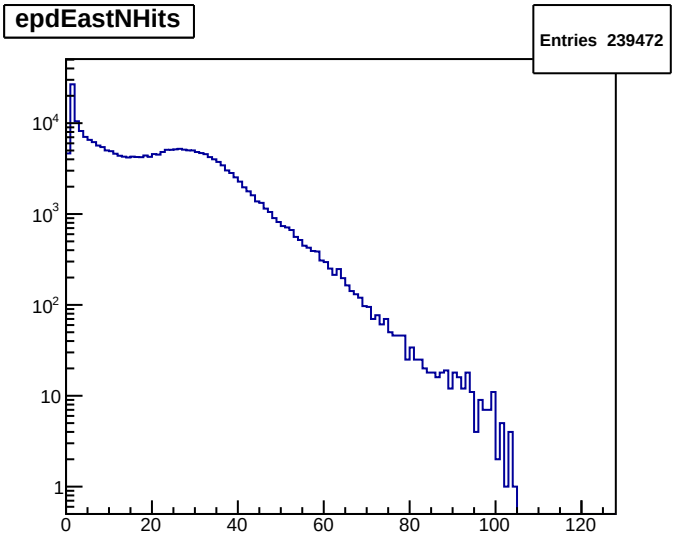
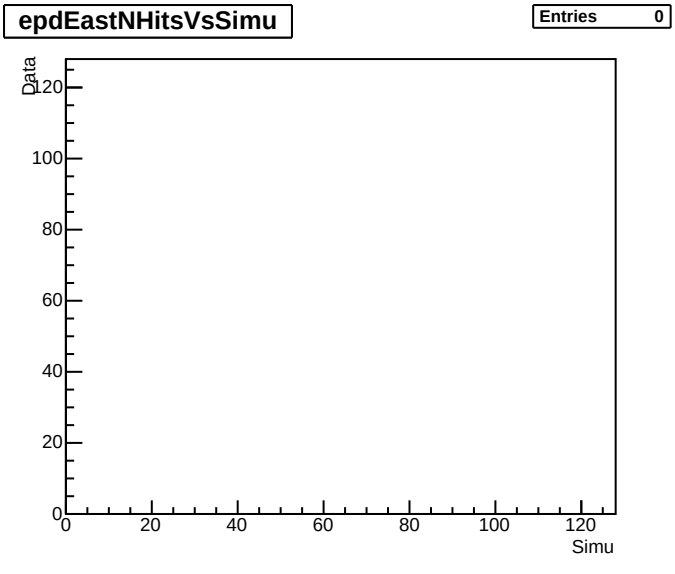
Entries 0
Data
Simu


epdEastTac47
Entries 239472


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 239472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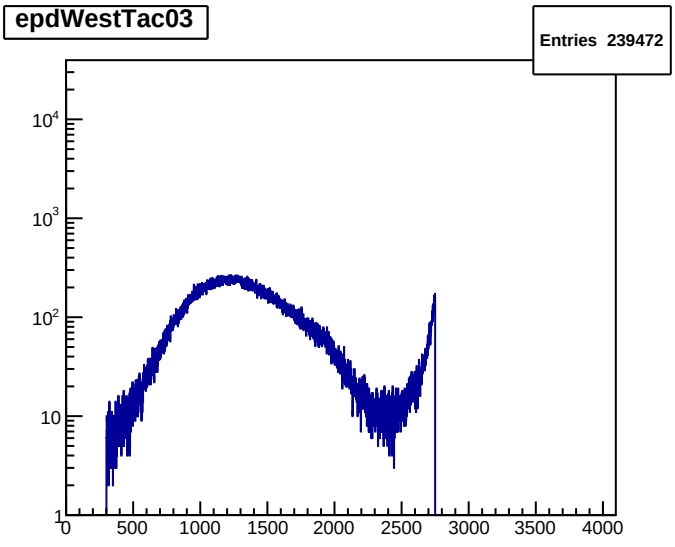
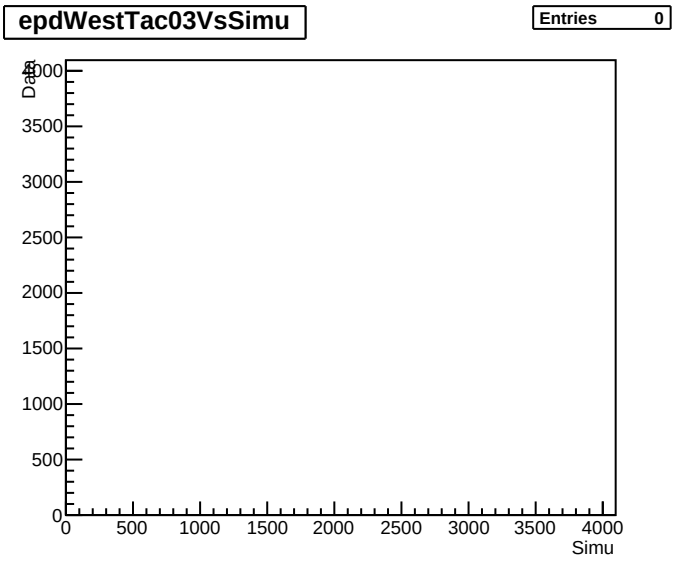
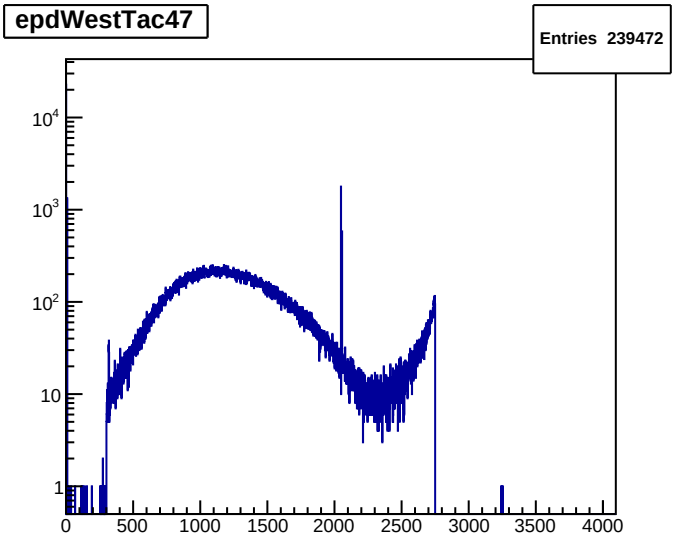
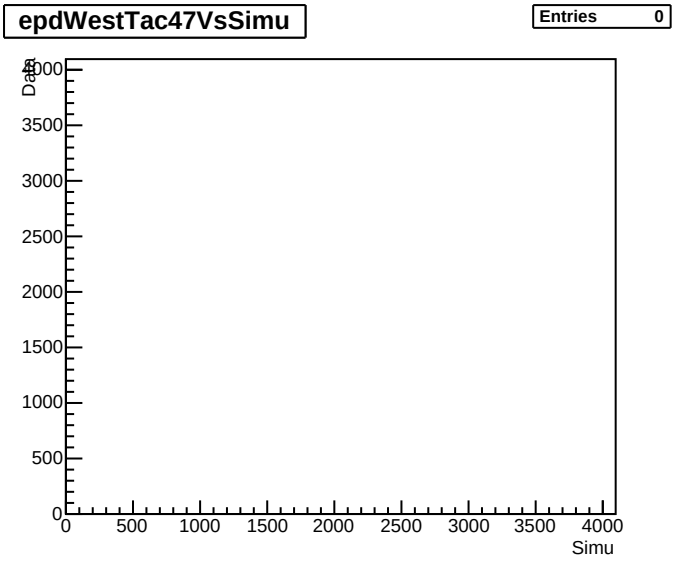
Entries 0
Data
Simu


epdWestTac03
Entries 239472


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 239472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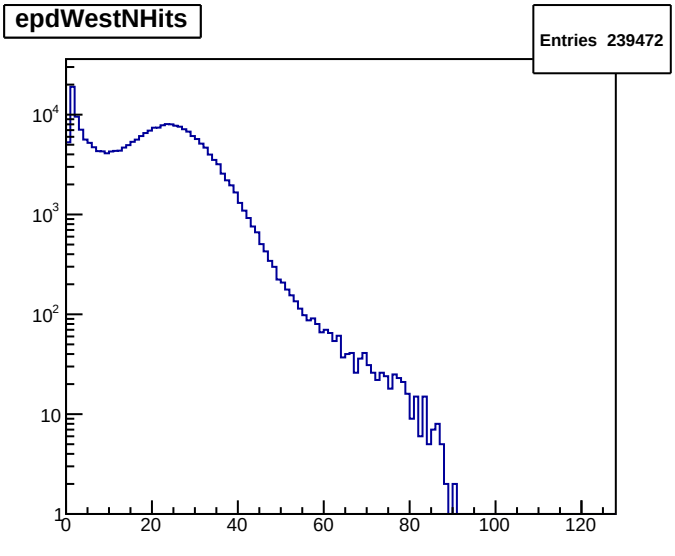
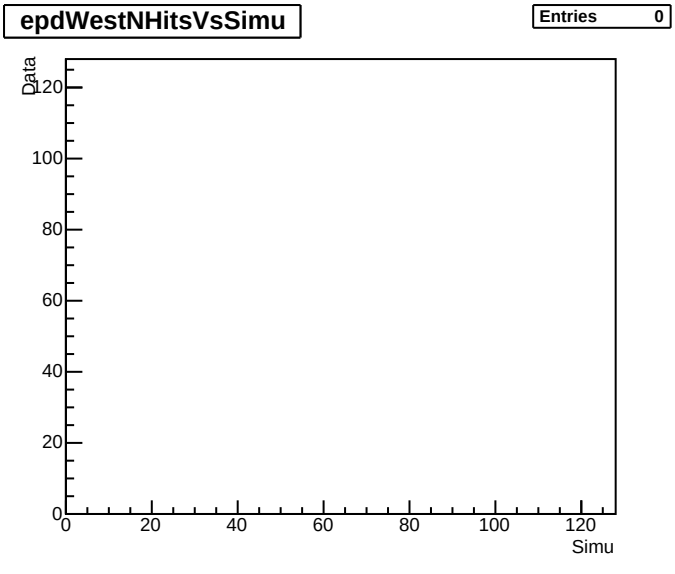
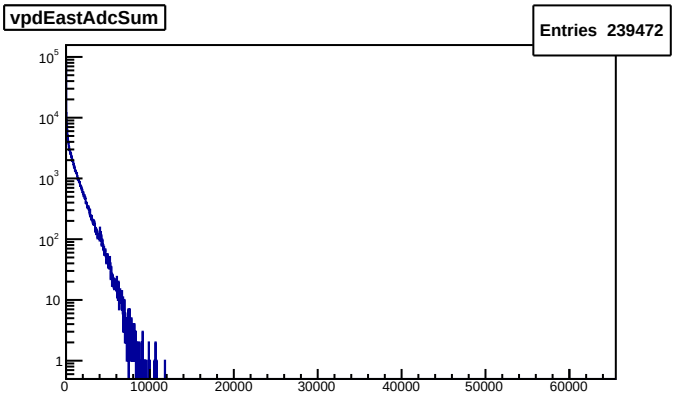
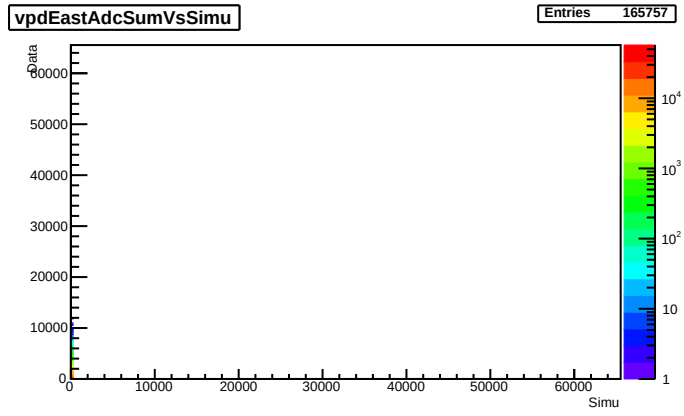
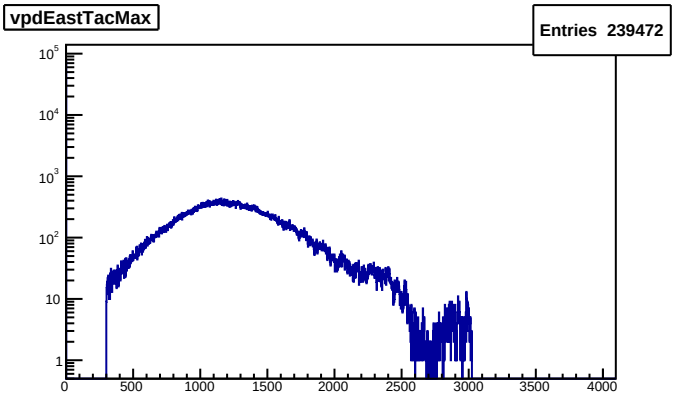
Entries 0
Data
Simu

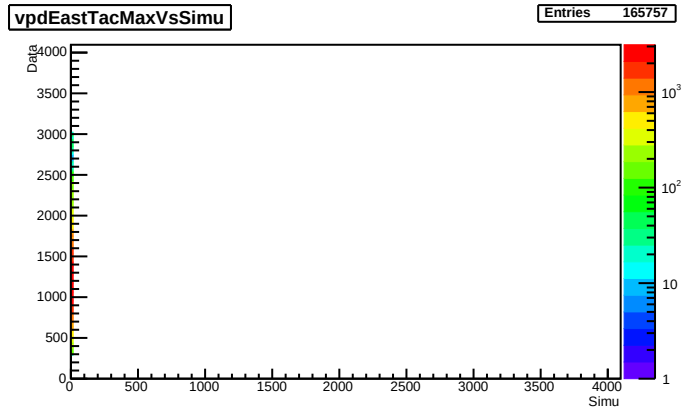

epdWestNHits
Entries 239472

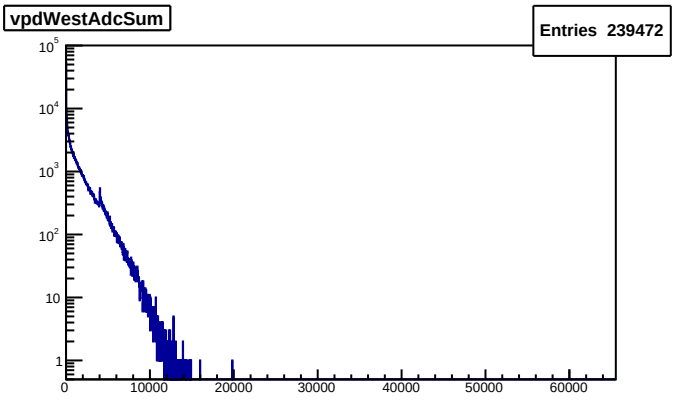

epdWestNHitsVsSimu
Entries 0
Data
Simu

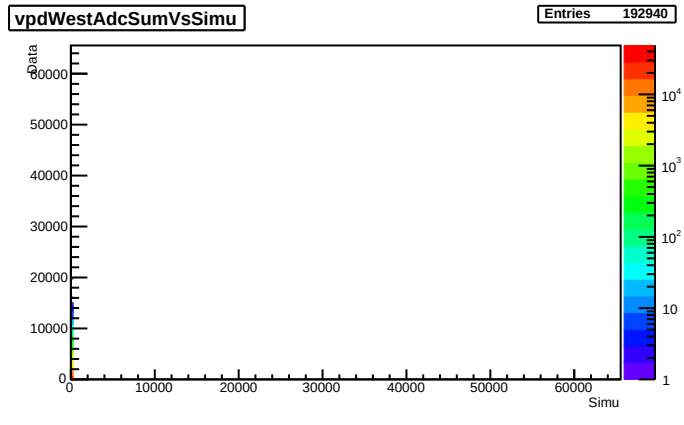

vpdEastAdcSum
Entries 239472

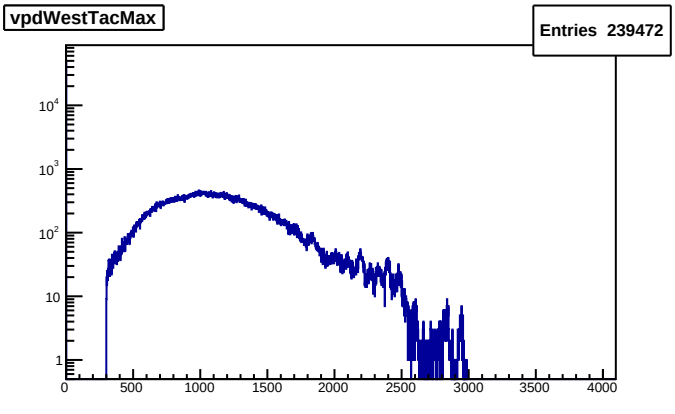

vpdEastAdcSumVsSimu
Entries 165757
Data
Simu

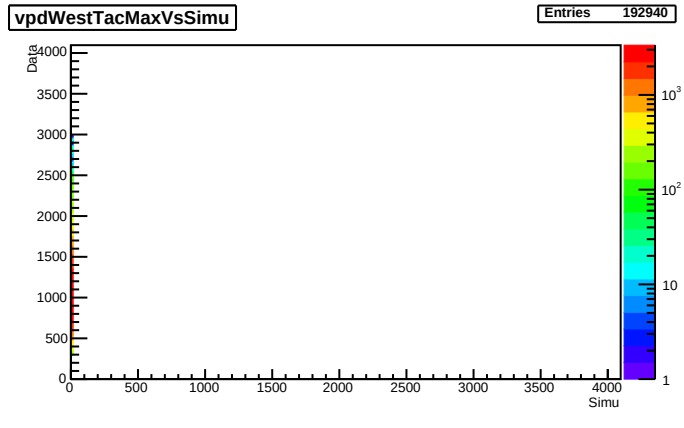

vpdEastTacMax
Entries 239472

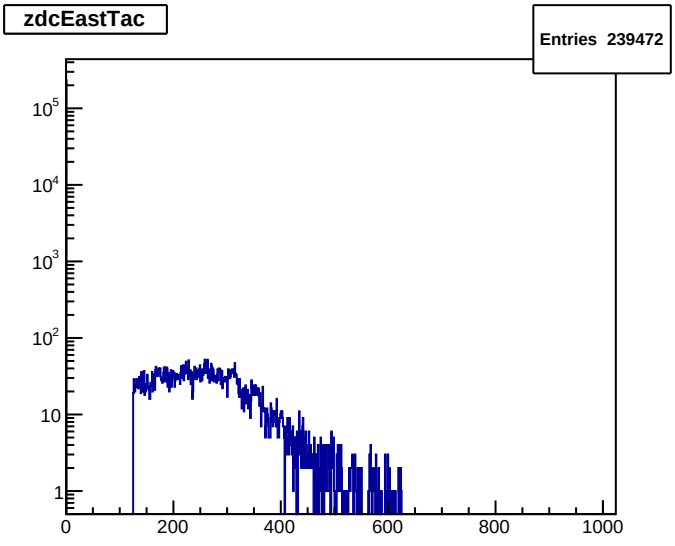

vpdEastTacMaxVsSimu
Entries 165757
Data
Simu

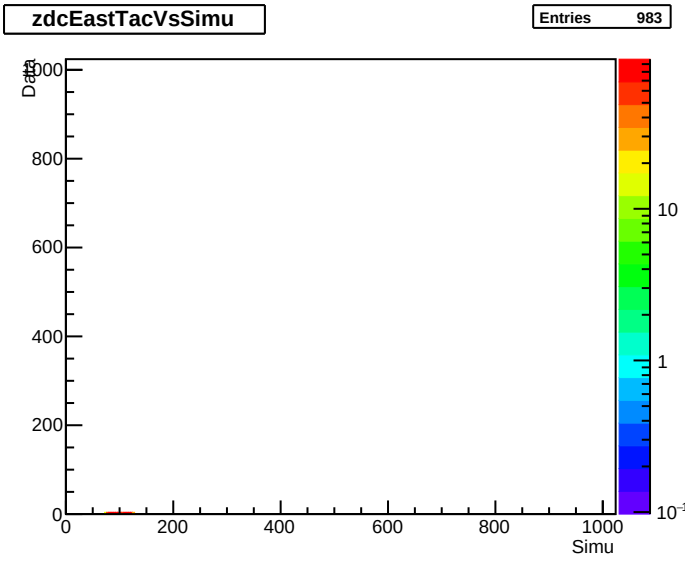

vpdWestAdcSum
Entries 239472

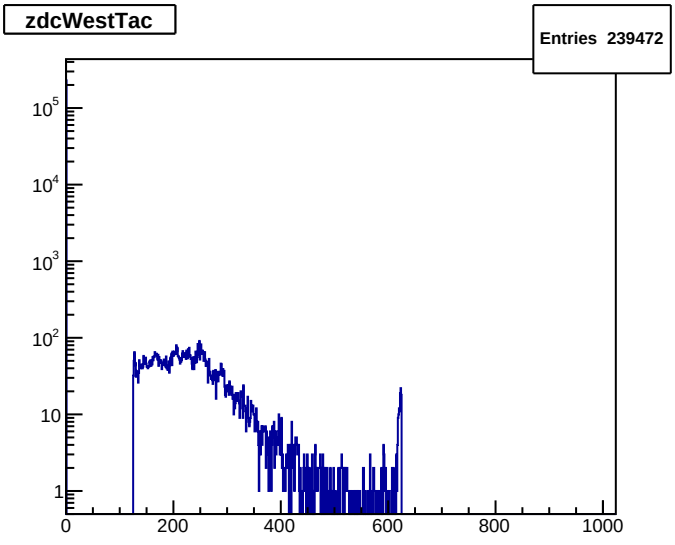

vpdWestAdcSumVsSimu
Entries 192940
Data
Simu

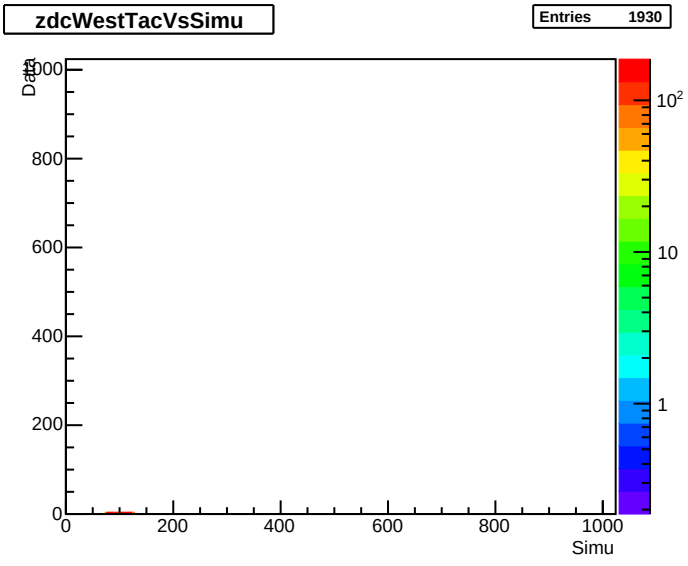

vpdWestTacMax
Entries 239472

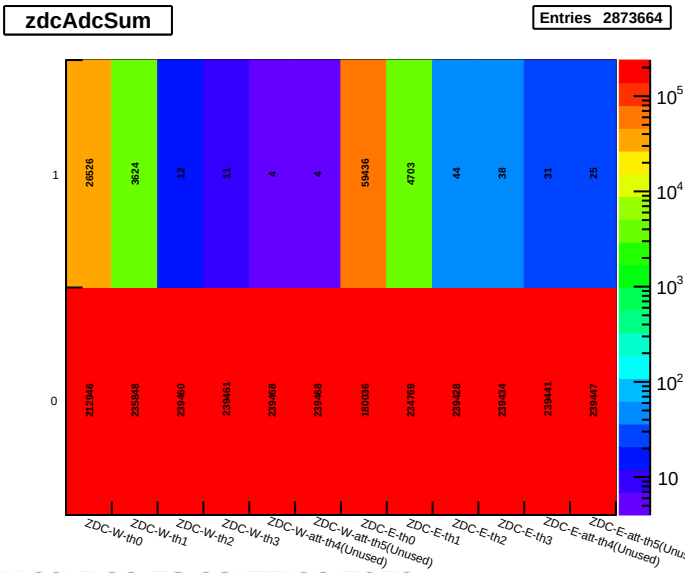

vpdWestTacMaxVsSimu
Entries 192940
Data
Simu

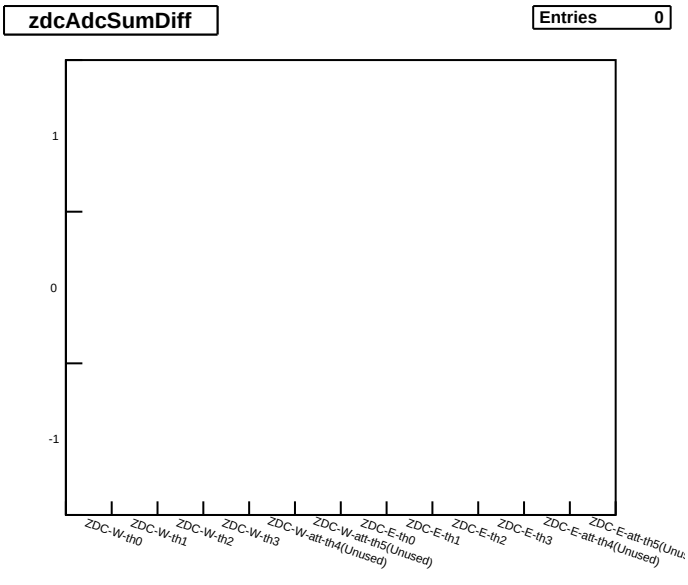

zdcEastTac
Entries 239472

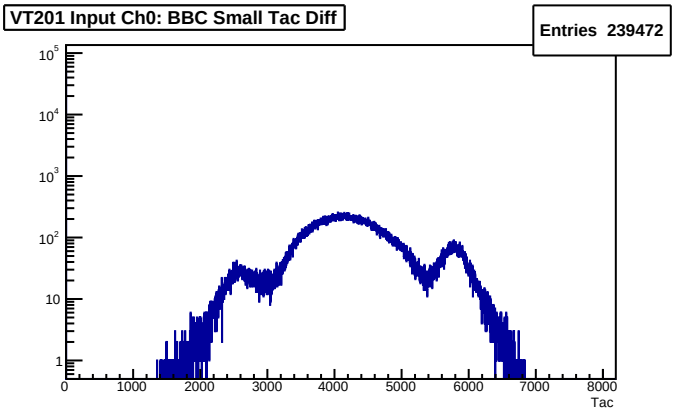

zdcEastTacVsSimu
Entries 983
Data
Simu

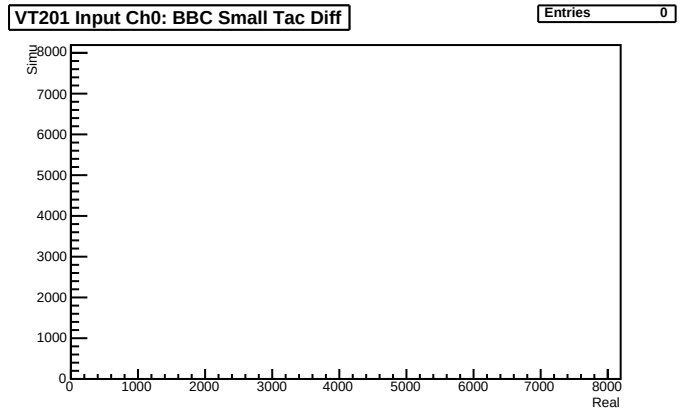

zdcWestTac
Entries 239472

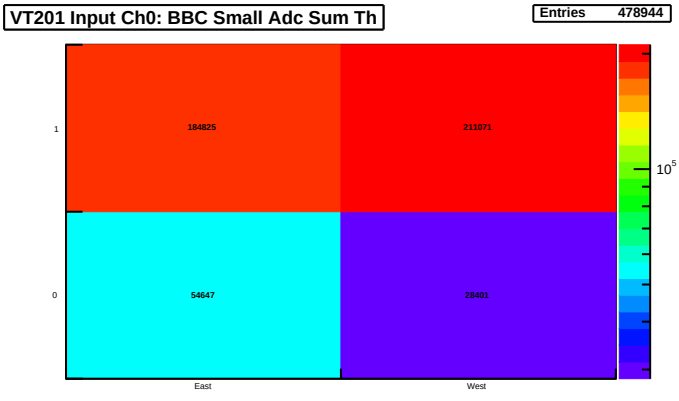

zdcWestTacVsSimu
Entries 1930
Data
Simu

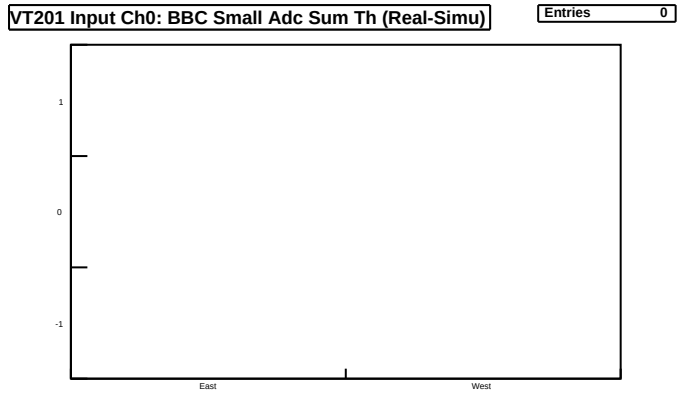

zdcAdcSum
Entries 2873664
26526
3624
12
11
4
4
59436
4703
44
38
31
25
212946
235848
239460
239461
239468
239468
180036
224769
239428
239434
239441
239447
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

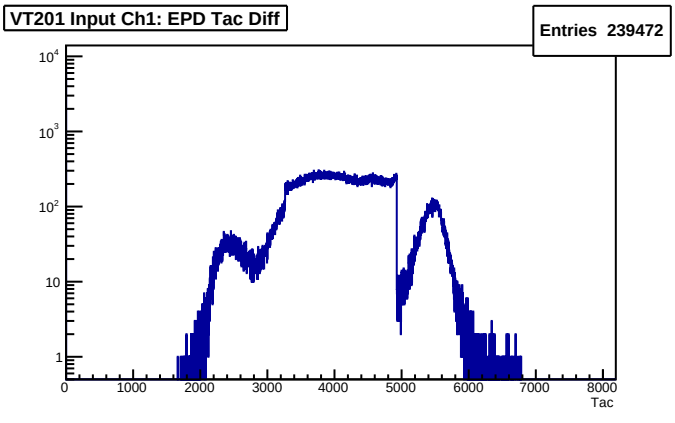

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

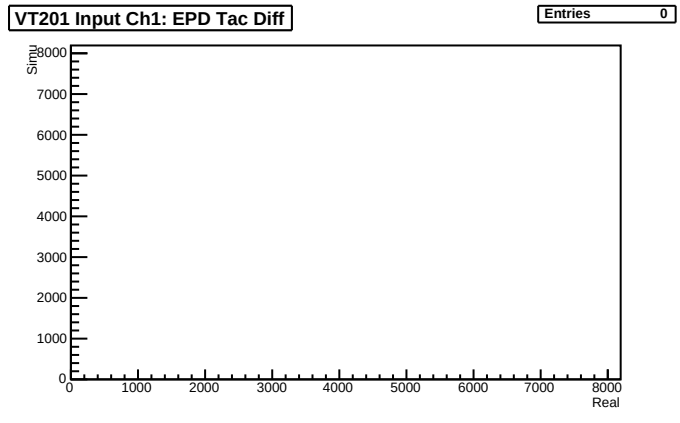

VT201 Input Ch0: BBC Small Tac Diff
Entries 239472
Tac

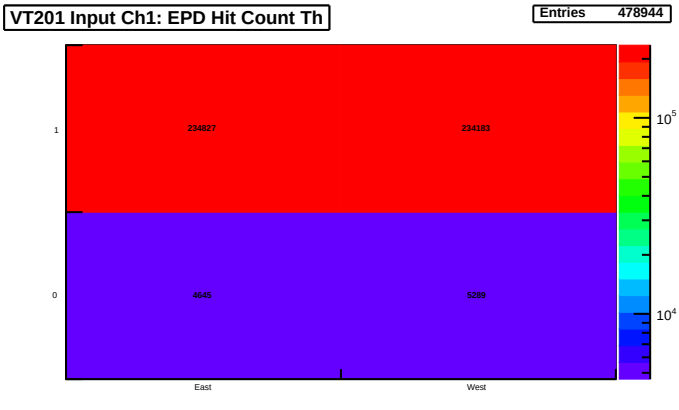

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

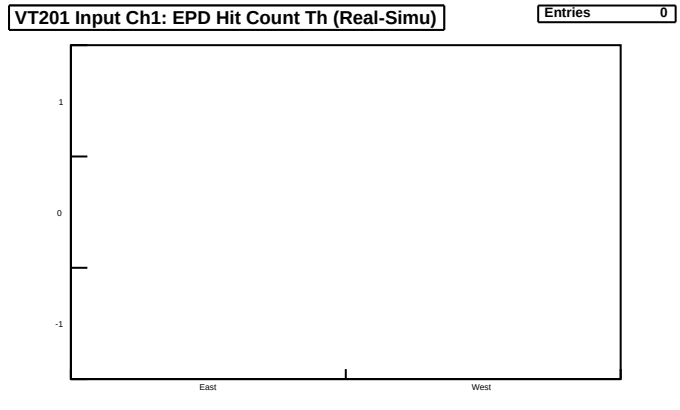

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 478944
184825
211071
54647
28401
East
West

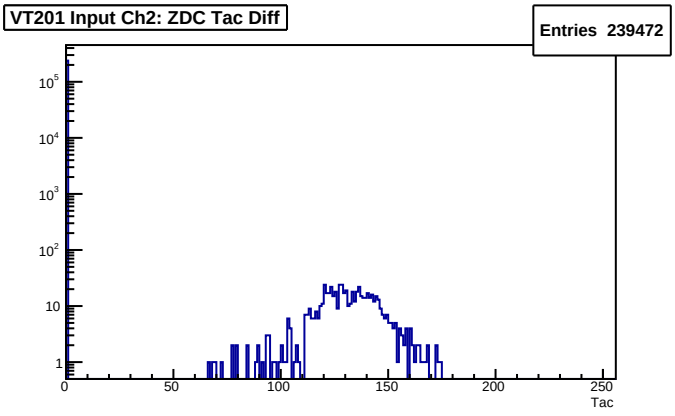

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

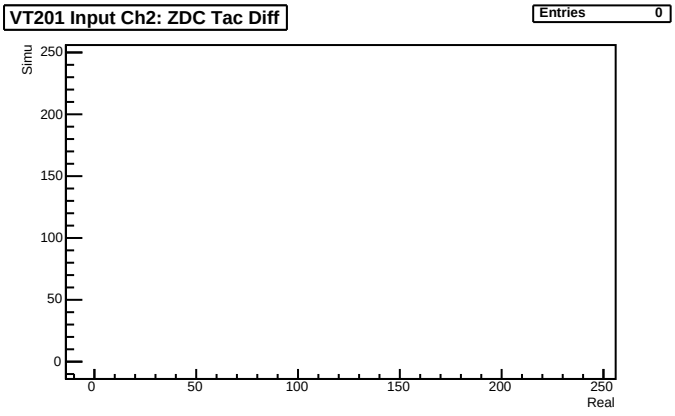

VT201 Input Ch1: EPD Tac Diff
Entries 239472
Tac

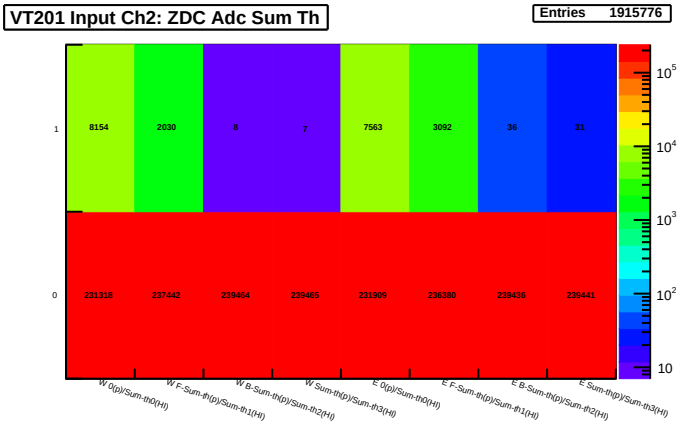

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

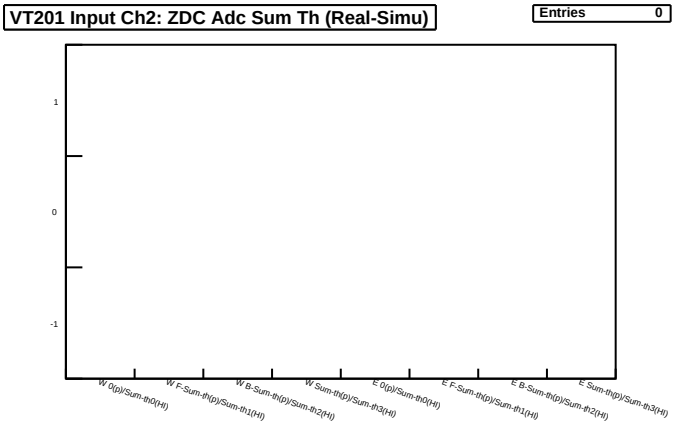

VT201 Input Ch1: EPD Hit Count Th
Entries 478944
234827
234183
4645
5289
East
West

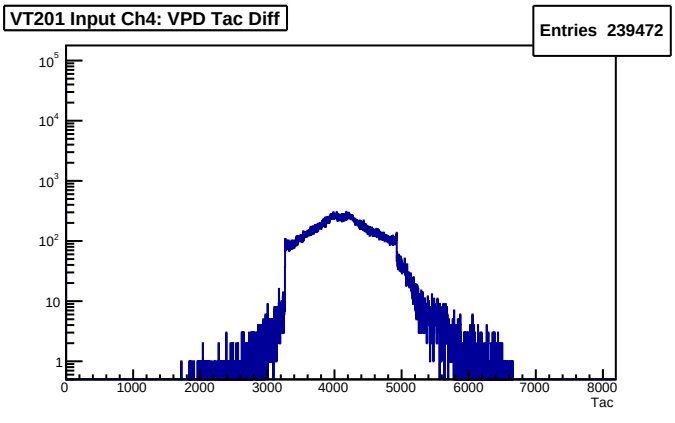

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

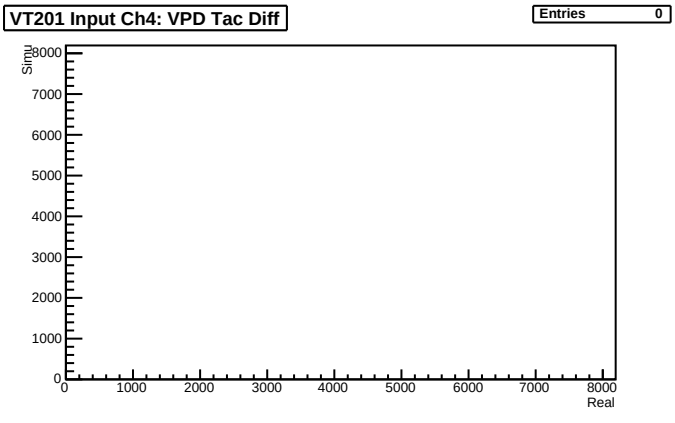

VT201 Input Ch2: ZDC Tac Diff
Entries 239472
Tac

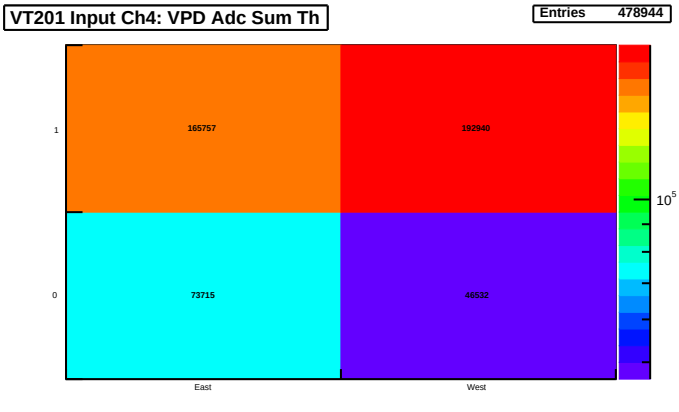

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

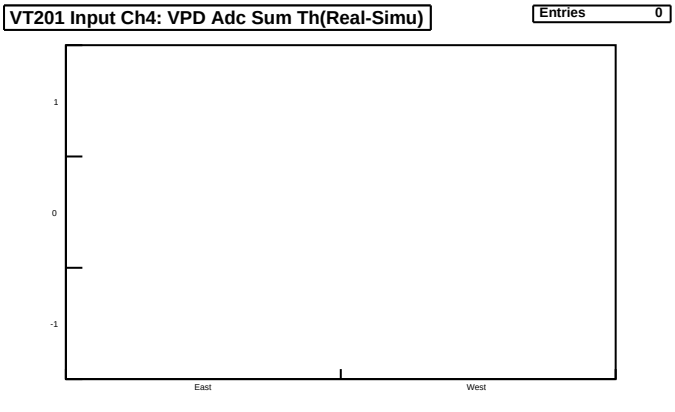

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1915776
8154
2030
8
7
7563
3092
36
31
231318
237442
239464
239465
231909
236380
239436
239441
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

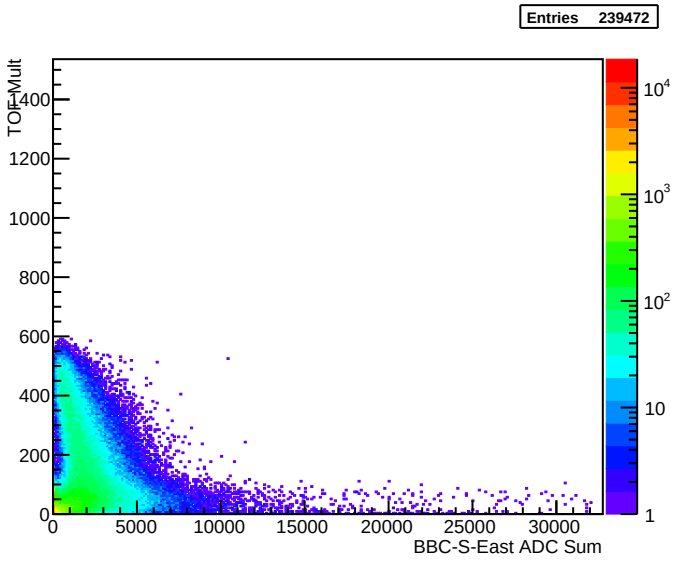

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

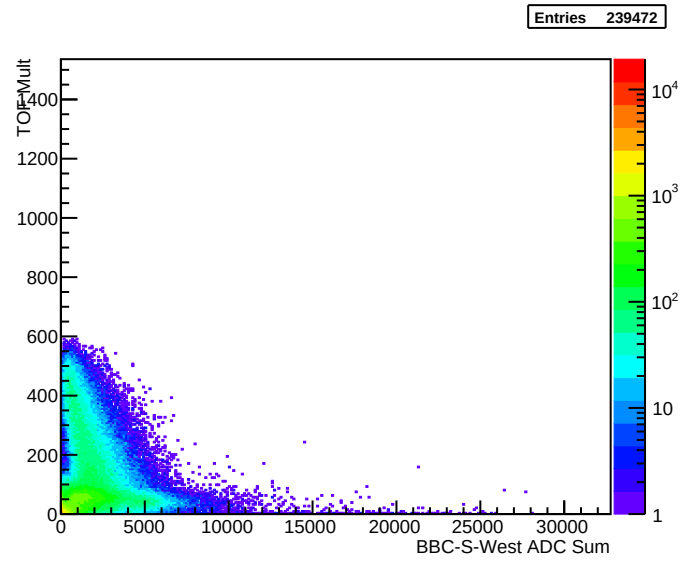

VT201 Input Ch4: VPD Tac Diff
Entries 239472
Tac

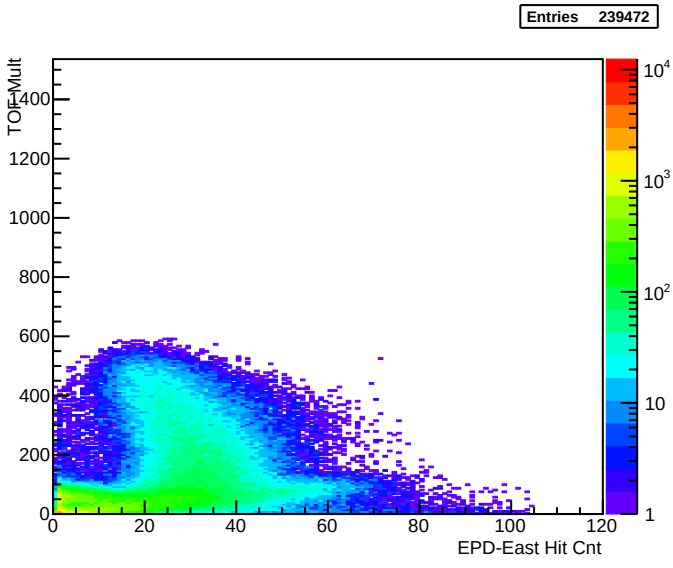

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

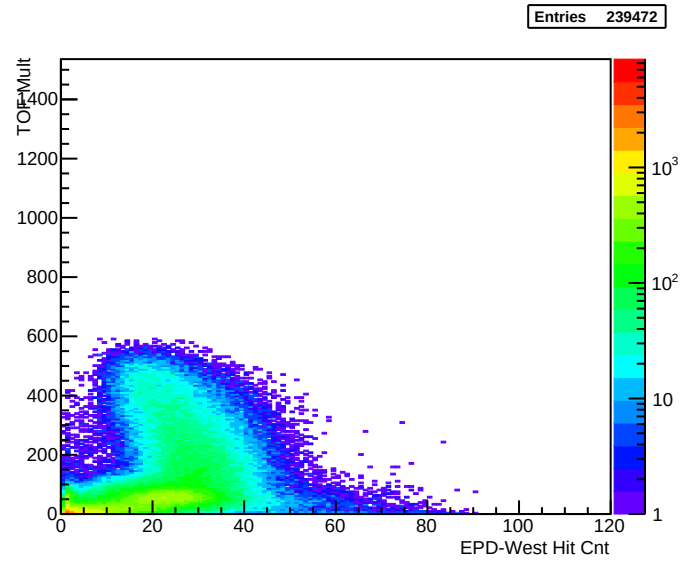

VT201 Input Ch4: VPD Adc Sum Th
Entries 478944
165757
192940
73715
46532
East
West

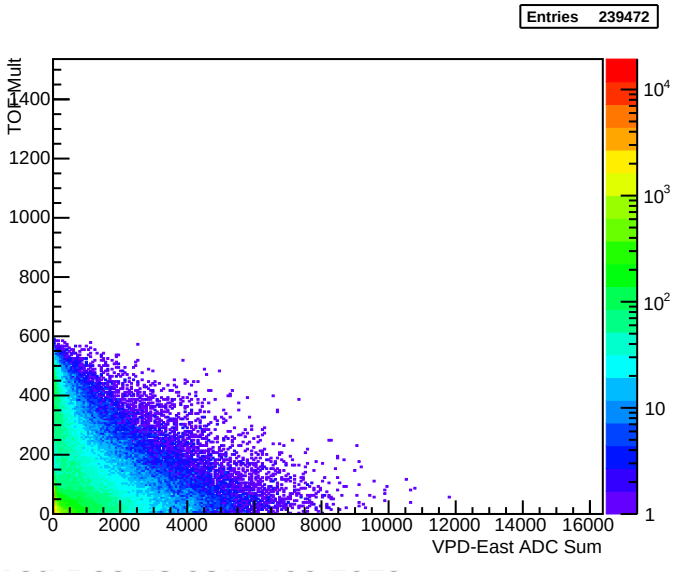

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

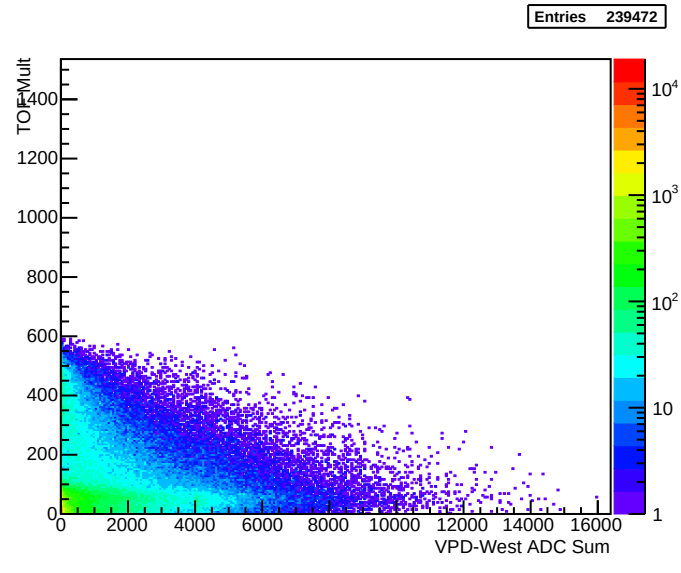

Entries 239472
TOF-Mult
BBC-S-East ADC Sum

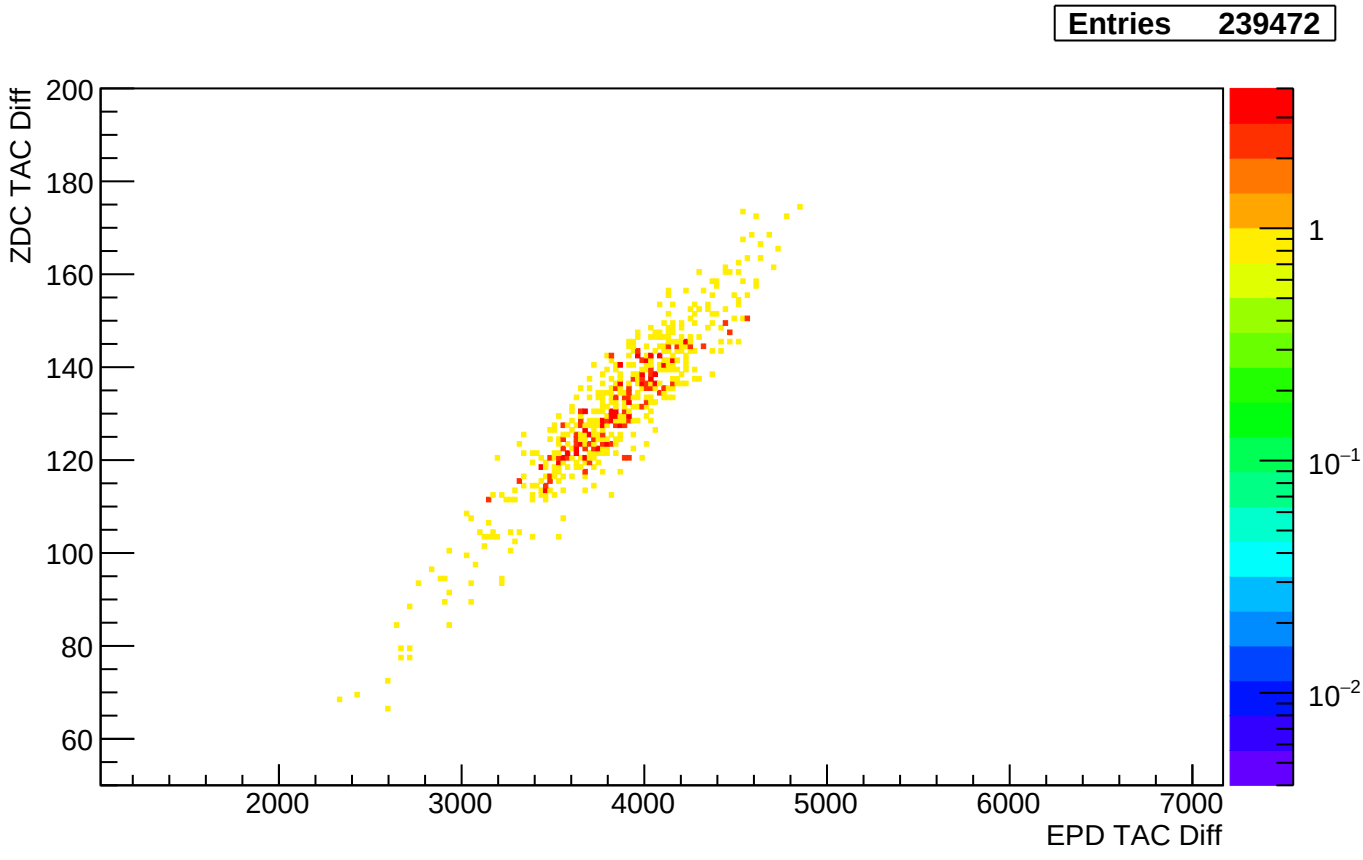

Entries 239472
TOF-Mult
BBC-S-West ADC Sum

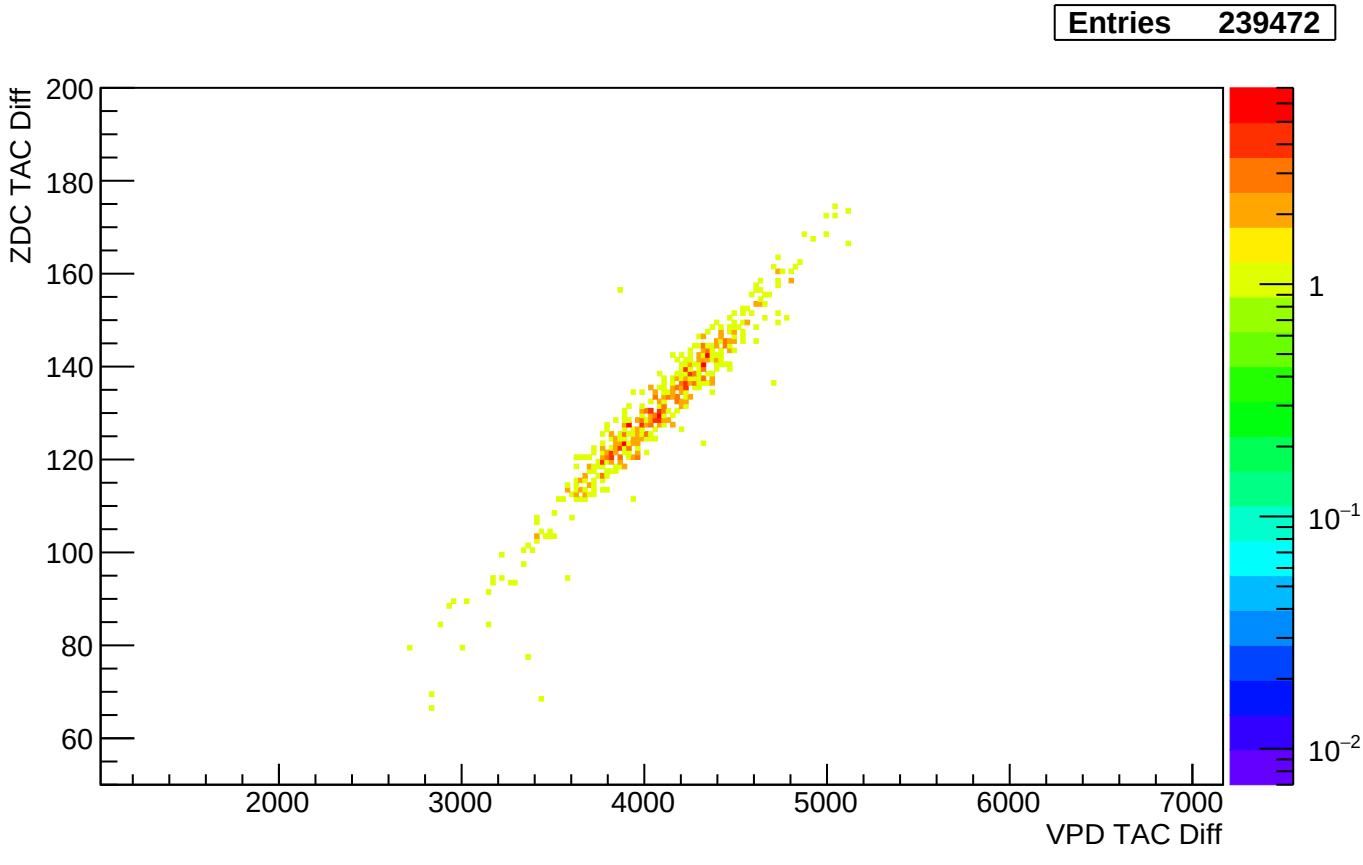

Entries 239472
TOF-Mult
EPD-East Hit Cnt

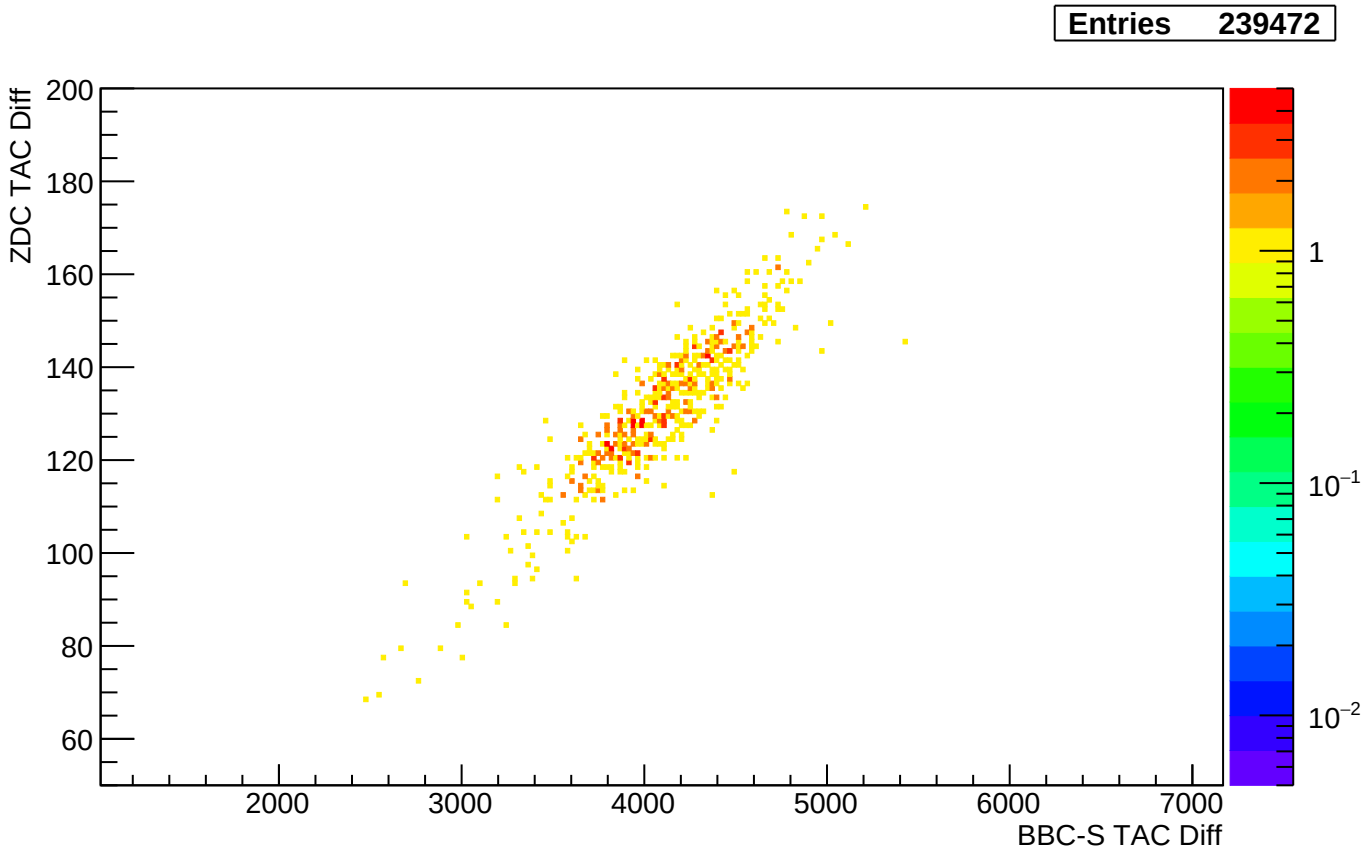

Entries 239472
TOF-Mult
EPD-West Hit Cnt

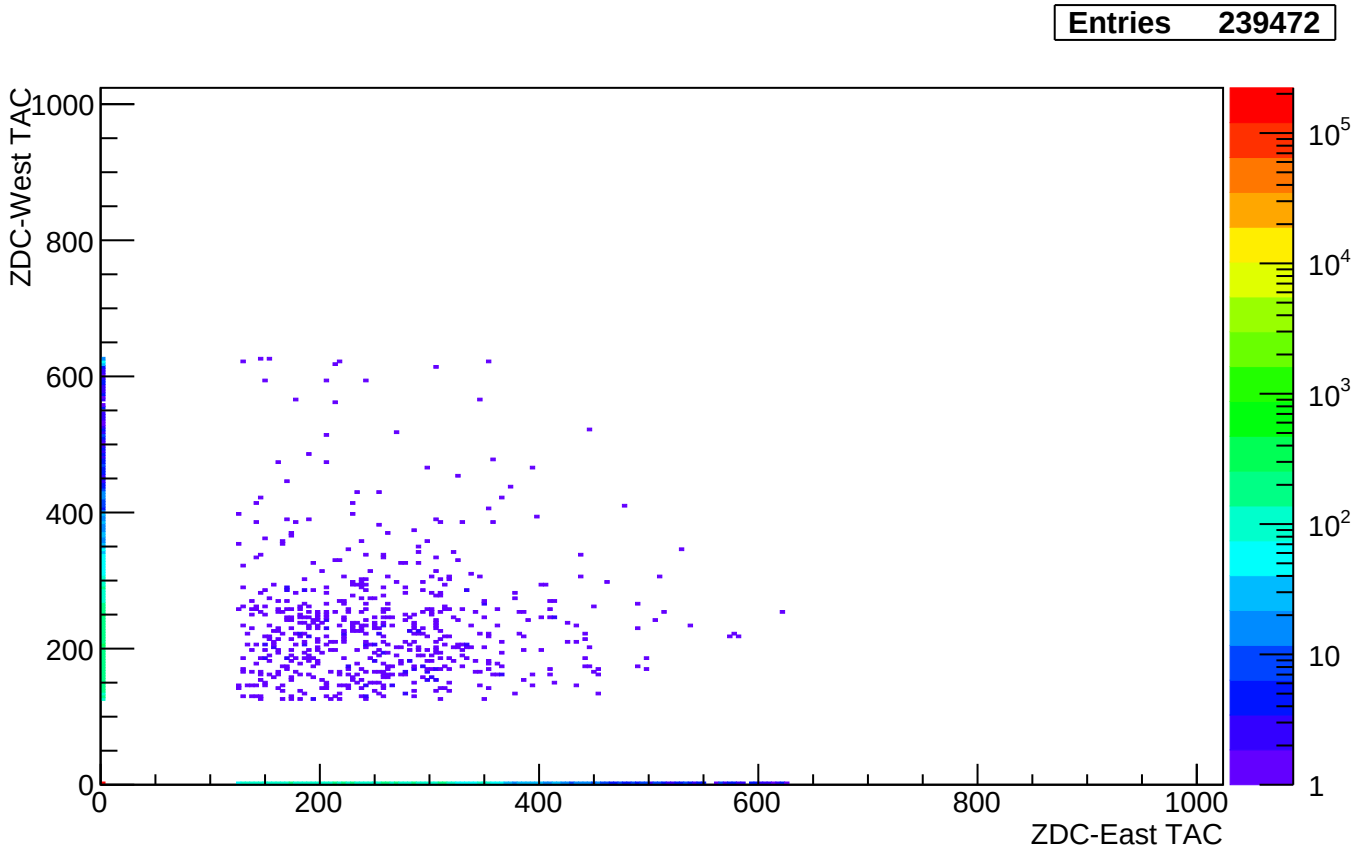

Entries 239472
TOF-Mult
VPD-East ADC Sum

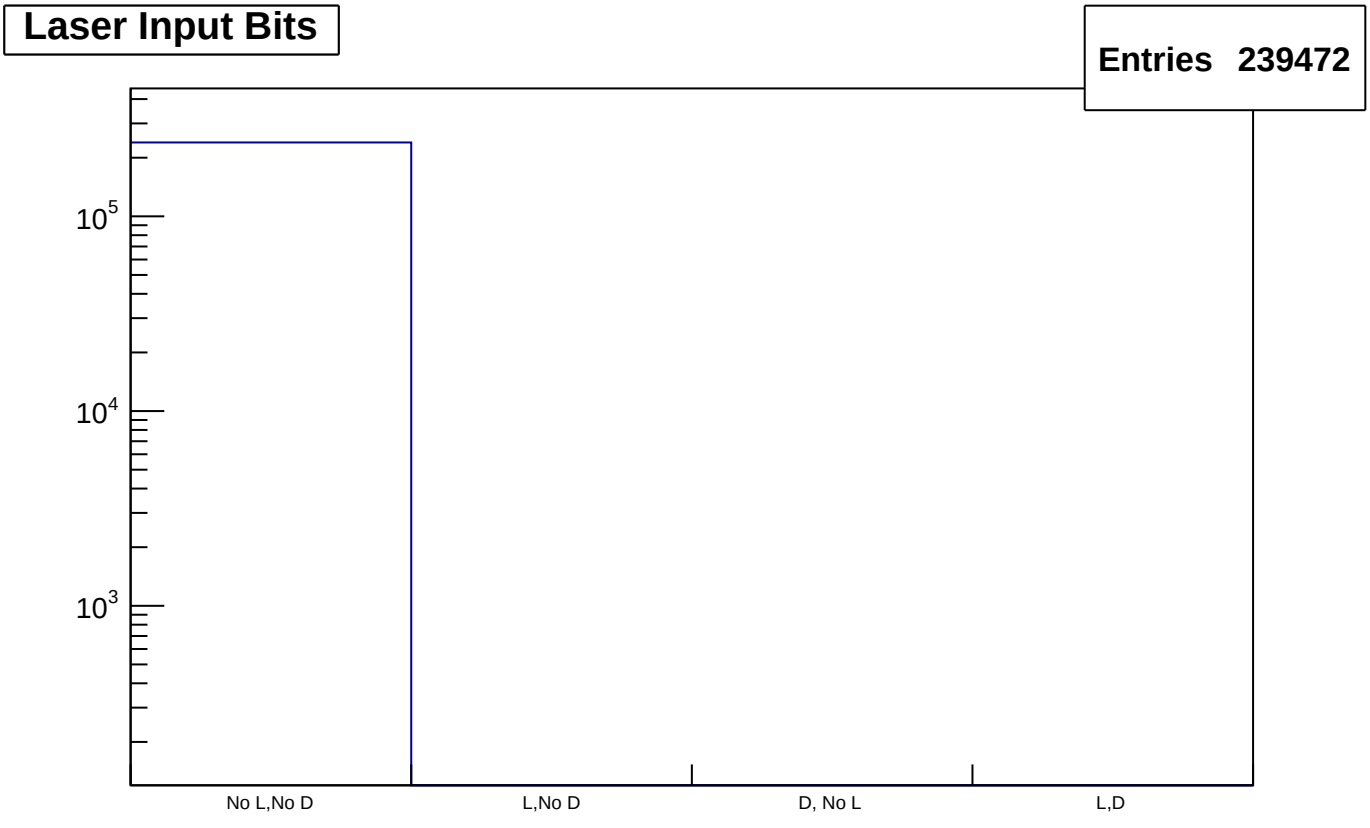

Entries 239472
TOF-Mult
VPD-West ADC Sum

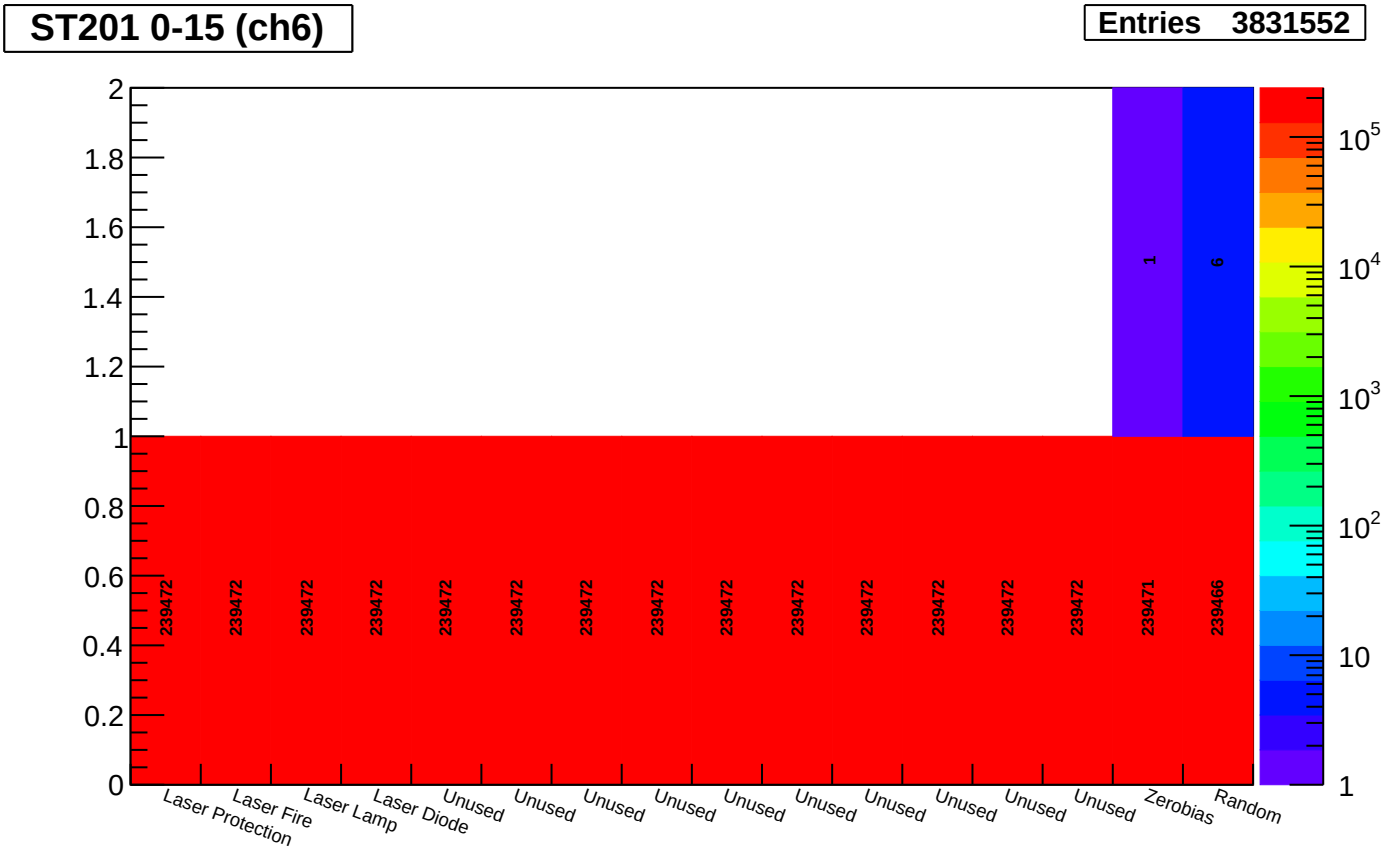

Entries 239472
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

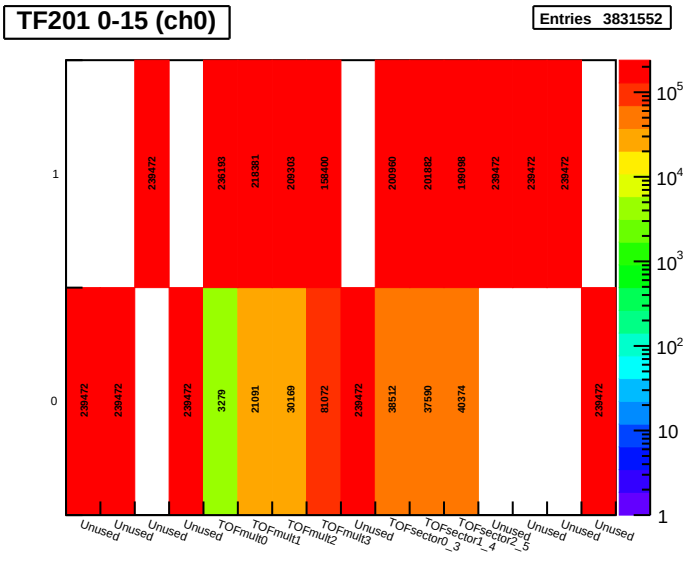

Entries 239472
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

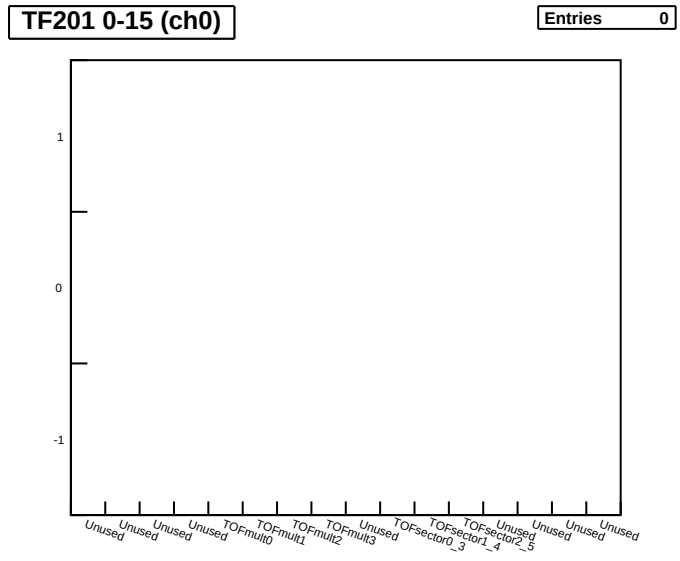

Entries 239472
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

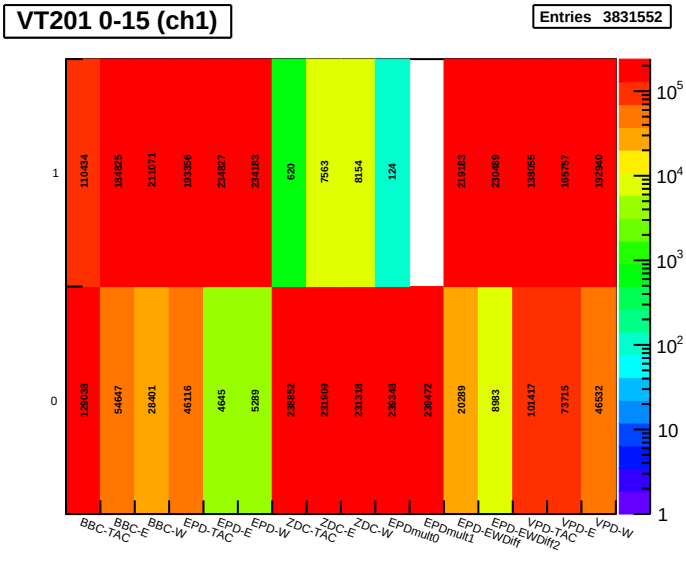

Entries 239472
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

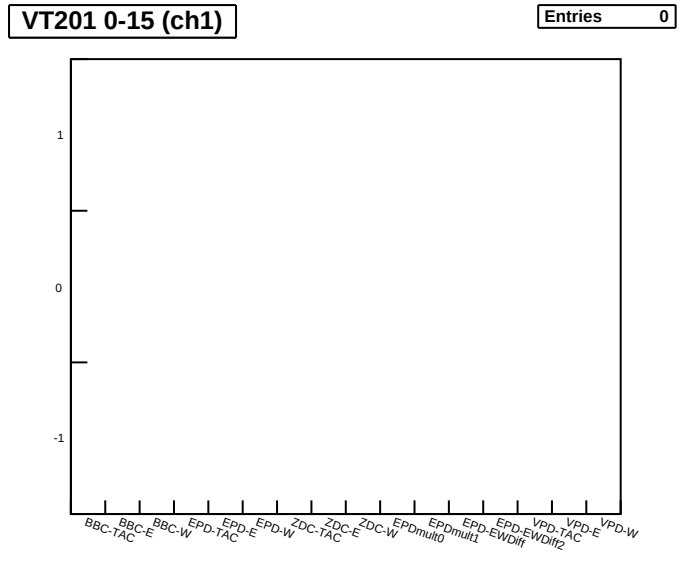

Laser Input Bits
Entries 239472
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

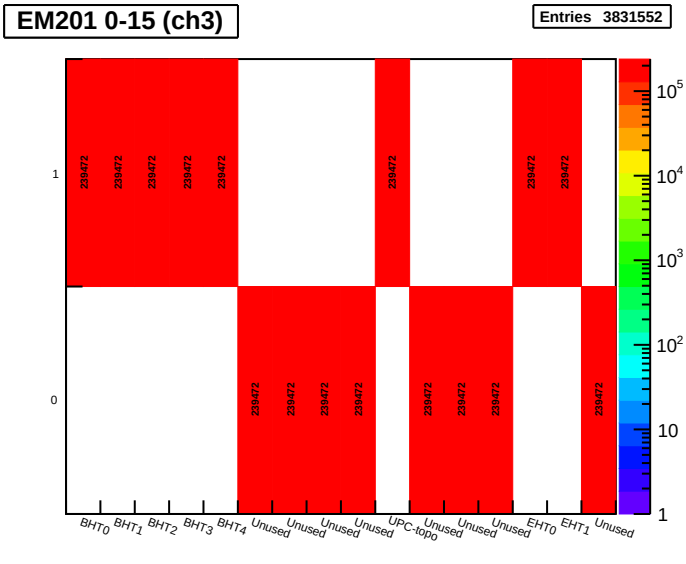

ST201 0-15 (ch6)
Entries 3831552
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
239472
239472
239472
239472
239472
239472
239472
239472
239472
239472
239472
239472
239472
239471
239466
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

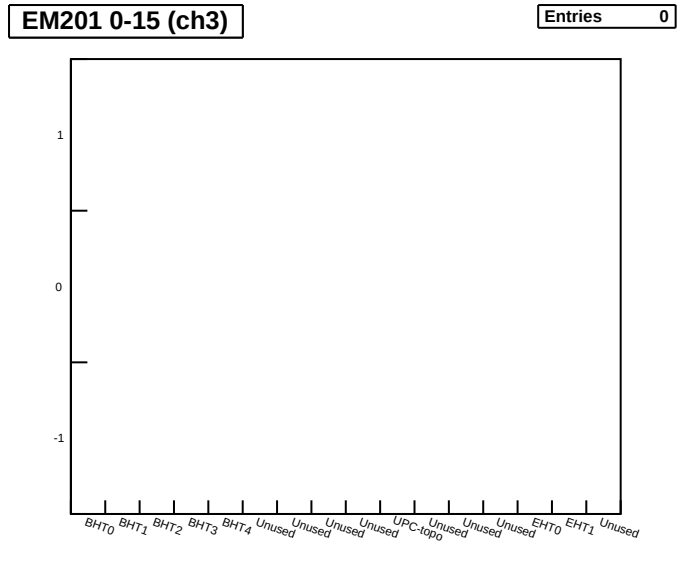

TF201 0-15 (ch0)
Entries 3831552
1
0
239472 239472 239472 3279 21091 30169 81072 239472 38512 37590 40374 239472
239472 236193 218381 209303 158400 200960 201882 199098 239472 239472 239472
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 3831552
1
0
110434 184825 211071 193356 234827 234183 620 7563 8154 124 219183 230489 138055 165757 192940
129038 54647 28401 46116 4645 5289 238852 231900 231318 238348 239472 20289 8983 101417 73715 46532
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


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


EM201 0-15 (ch3)
Entries 3831552
1
0
239472 239472 239472 239472 239472 239472 239472 239472 239472
239472 239472 239472 239472 239472 239472 239472 239472
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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