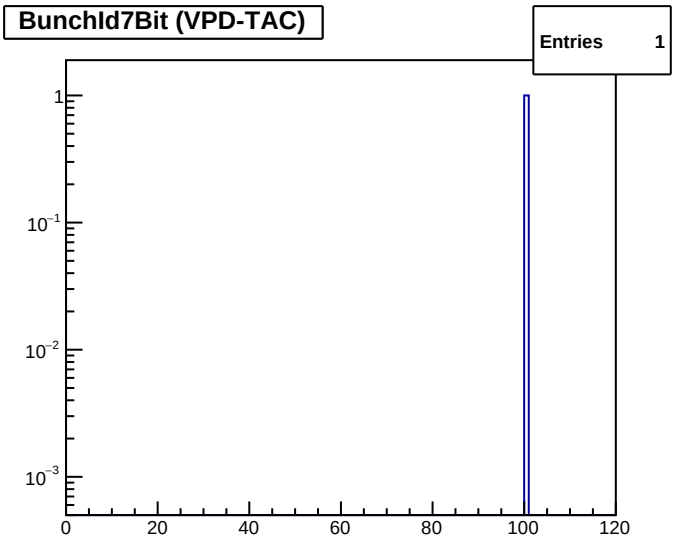
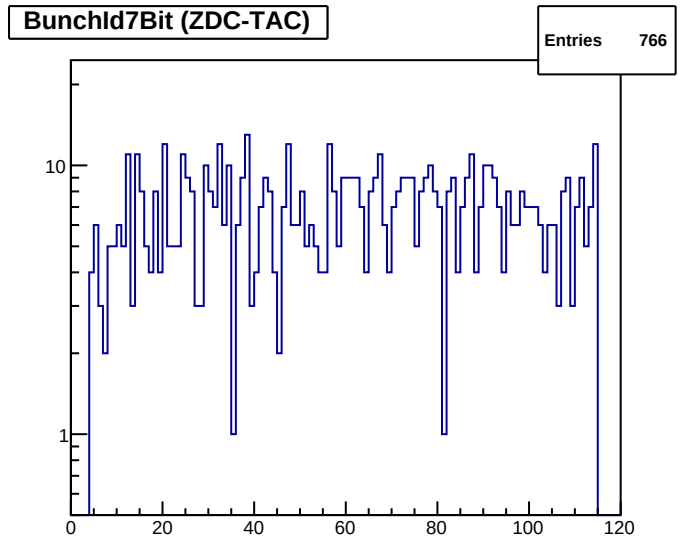
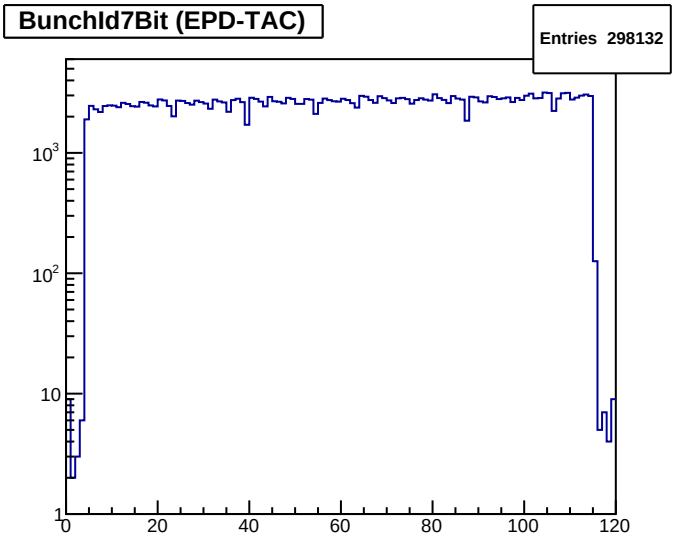
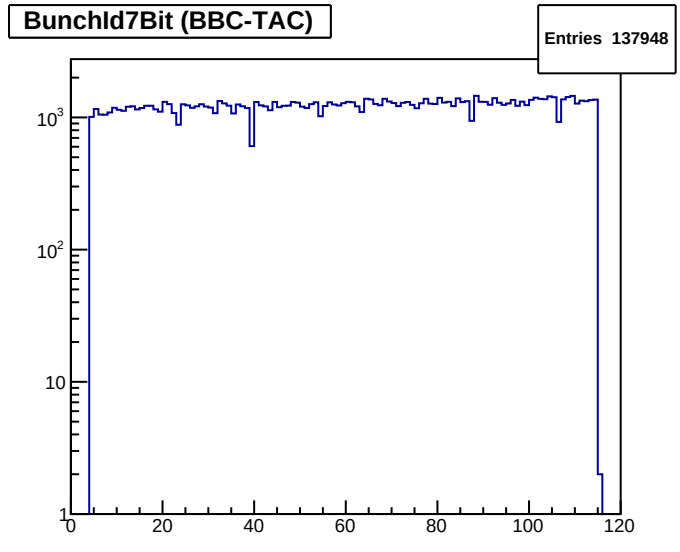
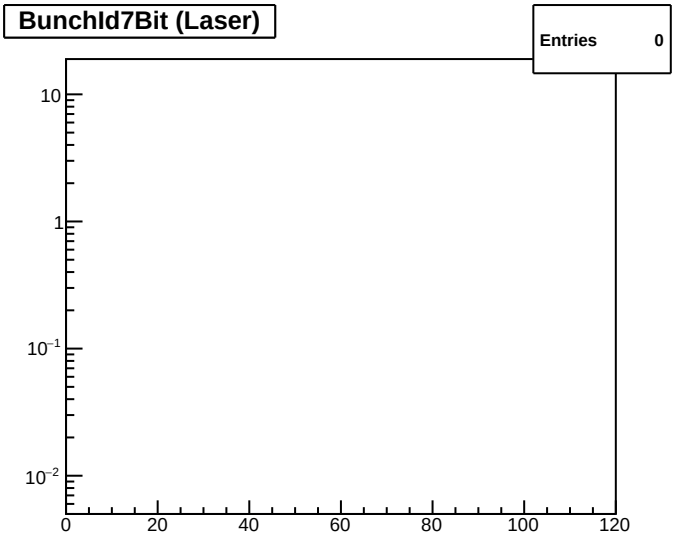
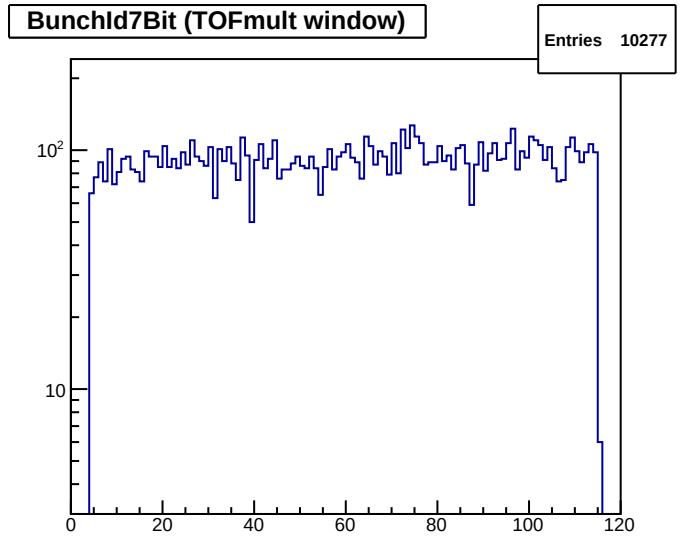

BunchId7Bit (VPD-TAC)
Entries 1

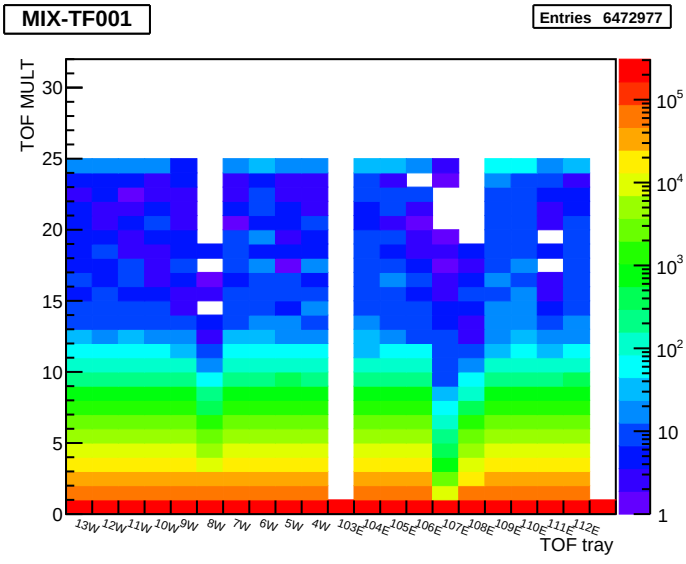

BunchId7Bit (ZDC-TAC)
Entries 766

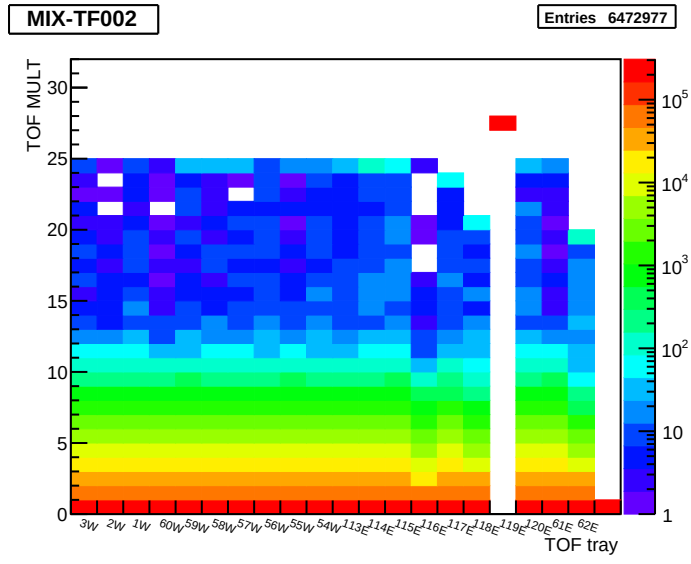

BunchId7Bit (EPD-TAC)
Entries 298132

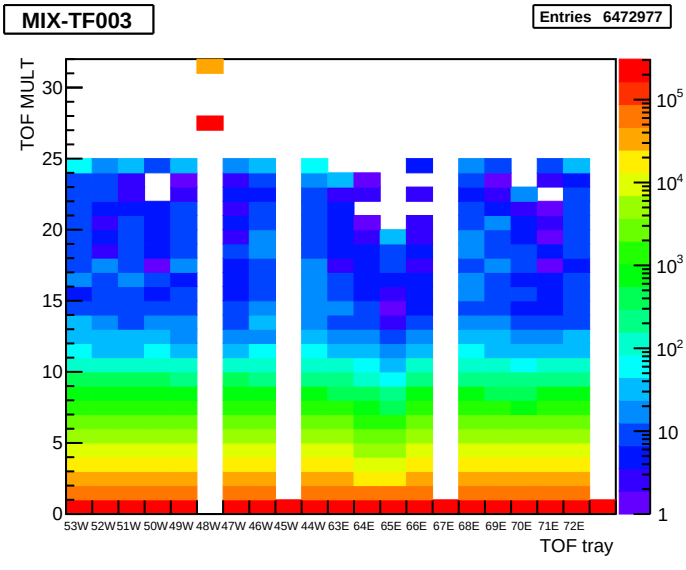

BunchId7Bit (BBC-TAC)
Entries 137948

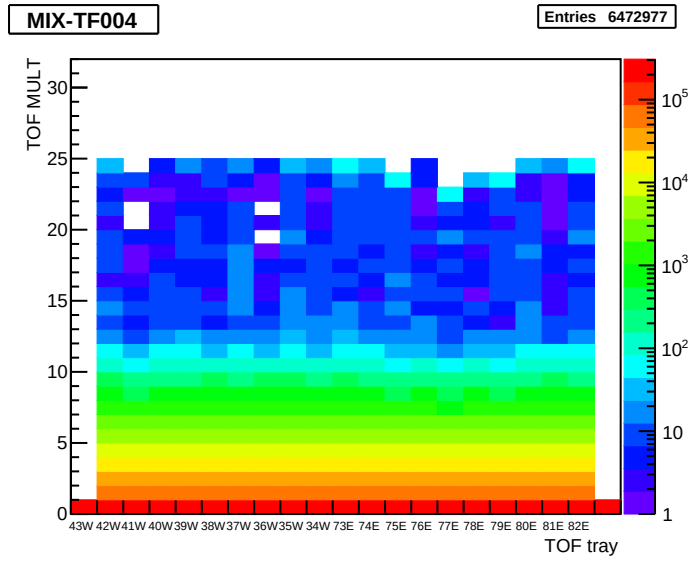

BunchId7Bit (Laser)
Entries 0

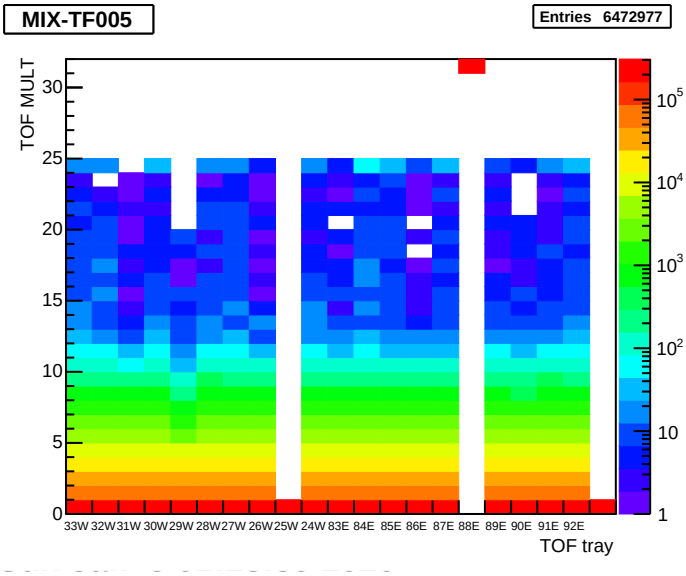

BunchId7Bit (TOFmult window)
Entries 10277

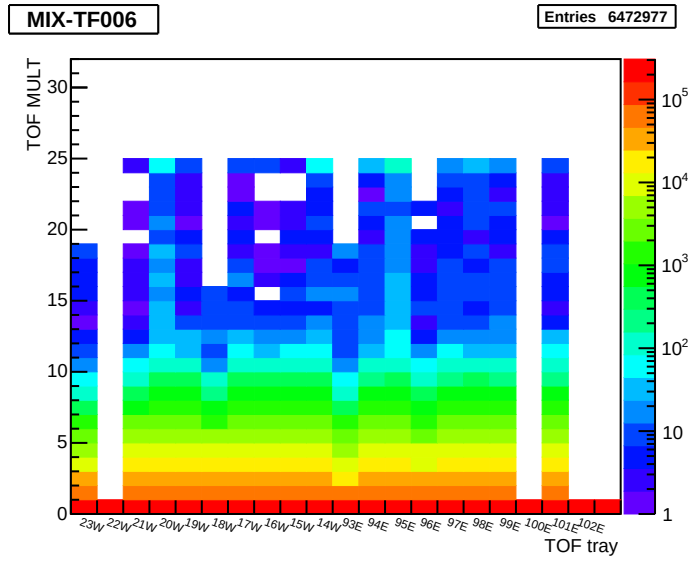

MIX-TF001
Entries 6472977
TOF MULT
TOF tray

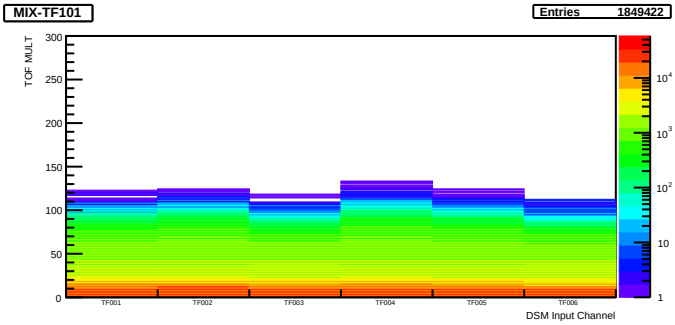

MIX-TF002
Entries 6472977
TOF MULT
TOF tray

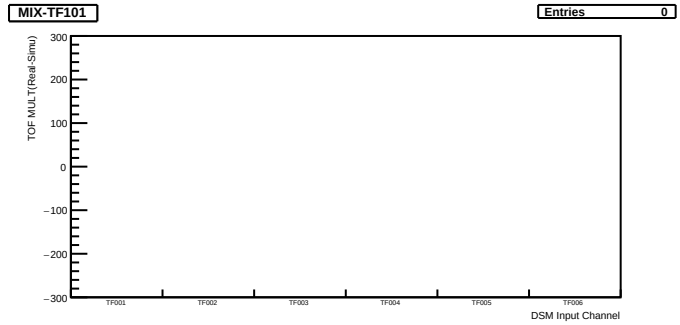

MIX-TF003
Entries 6472977
TOF MULT
TOF tray

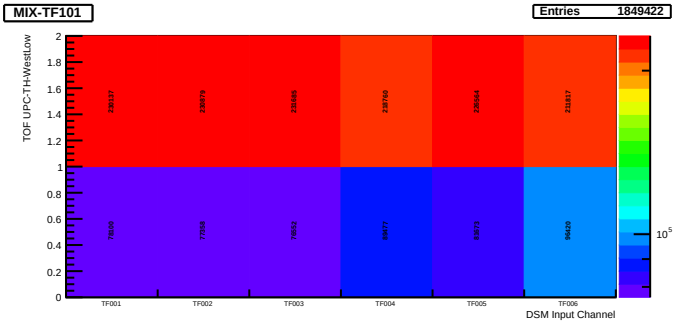

MIX-TF004
Entries 6472977
TOF MULT
TOF tray

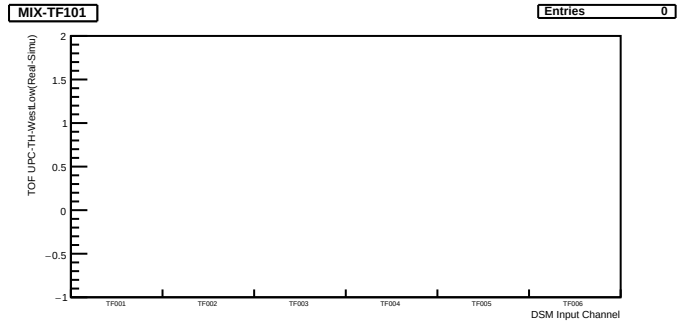

MIX-TF005
Entries 6472977
TOF MULT
TOF tray

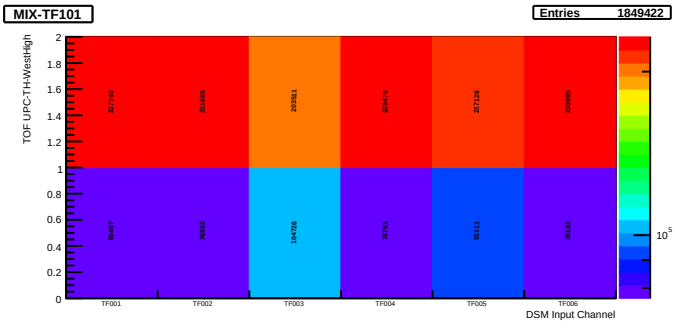

MIX-TF006
Entries 6472977
TOF MULT
TOF tray

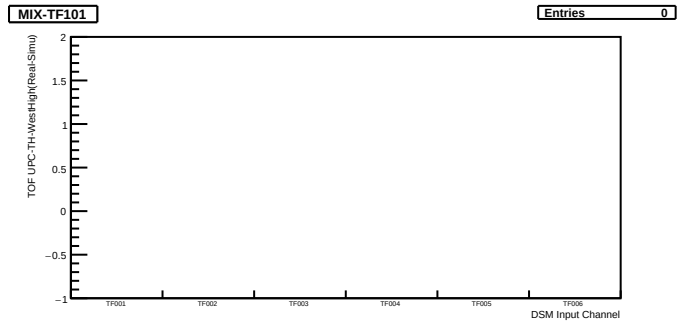

MIX-TF101
Entries 1849422
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

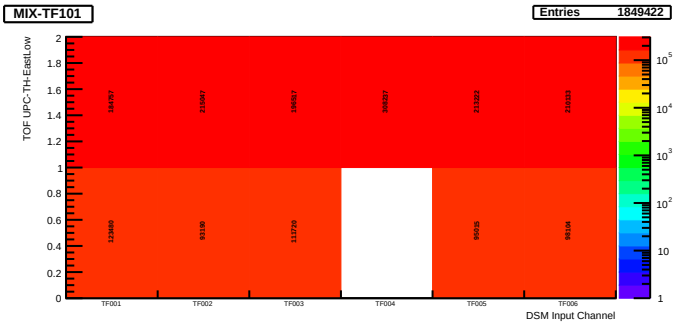

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

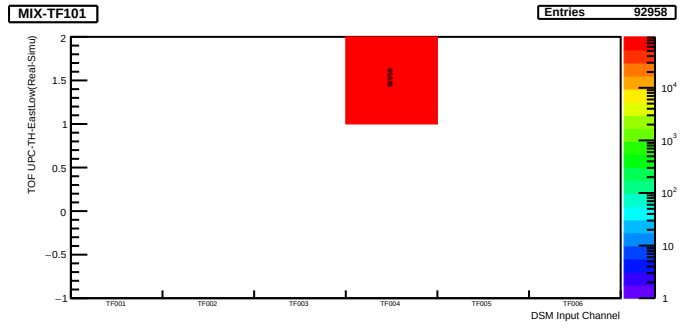

MIX-TF101
Entries 1849422
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

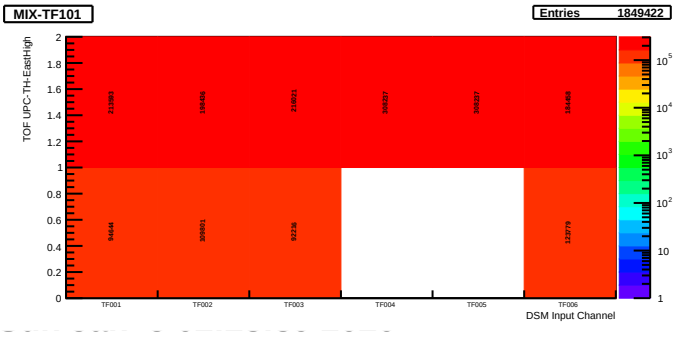

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

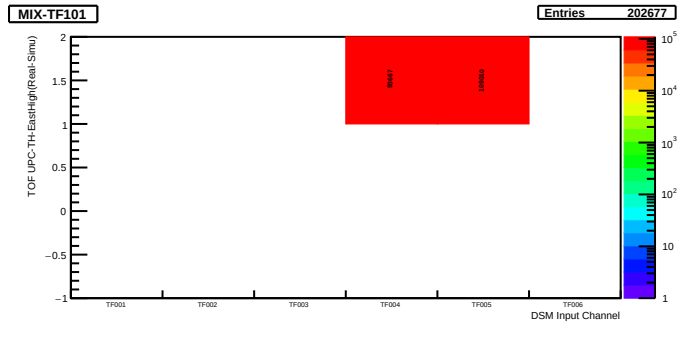

MIX-TF101
Entries 1849422
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

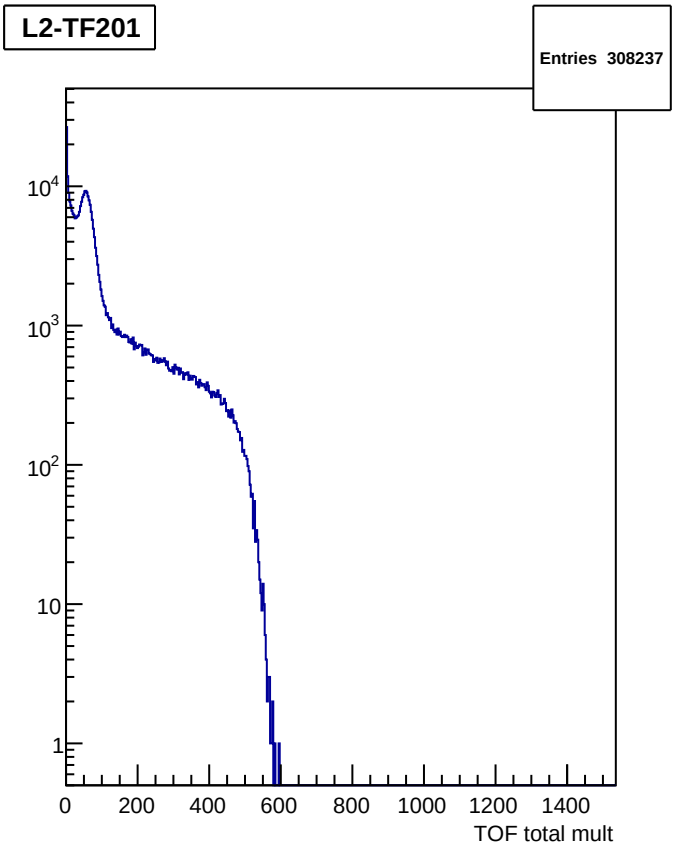

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

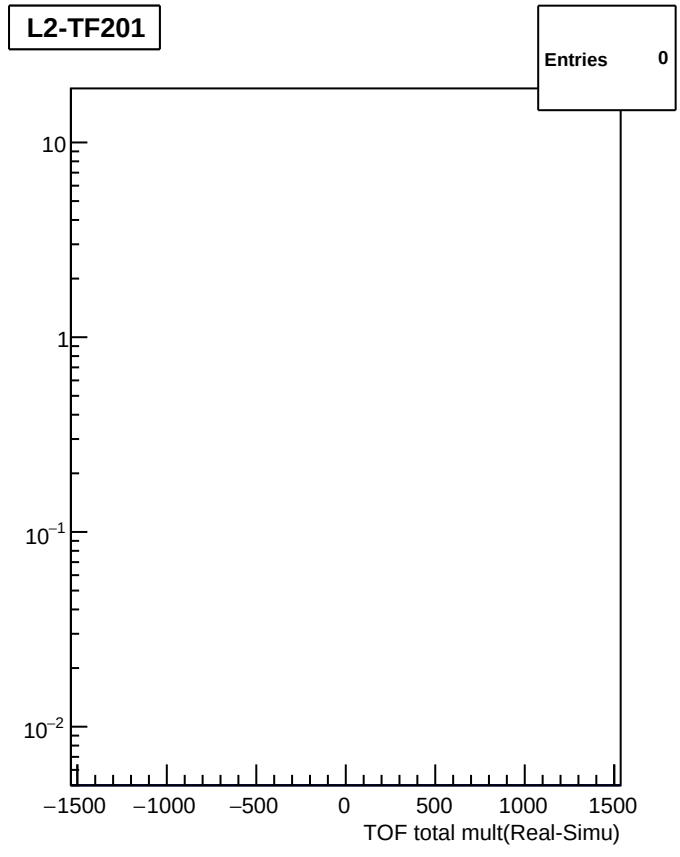

MIX-TF101
Entries 1849422
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

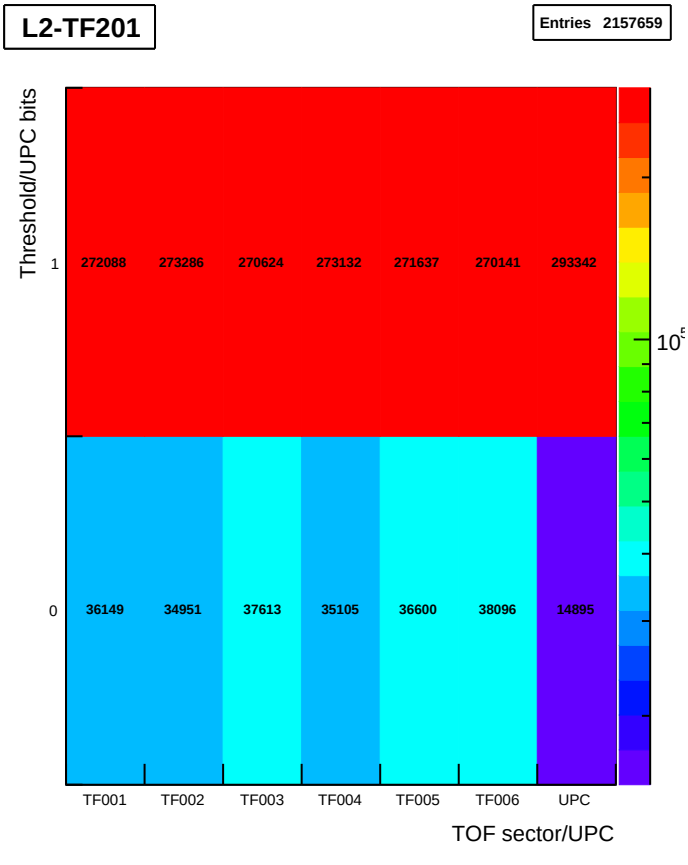

MIX-TF101
Entries 92958
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

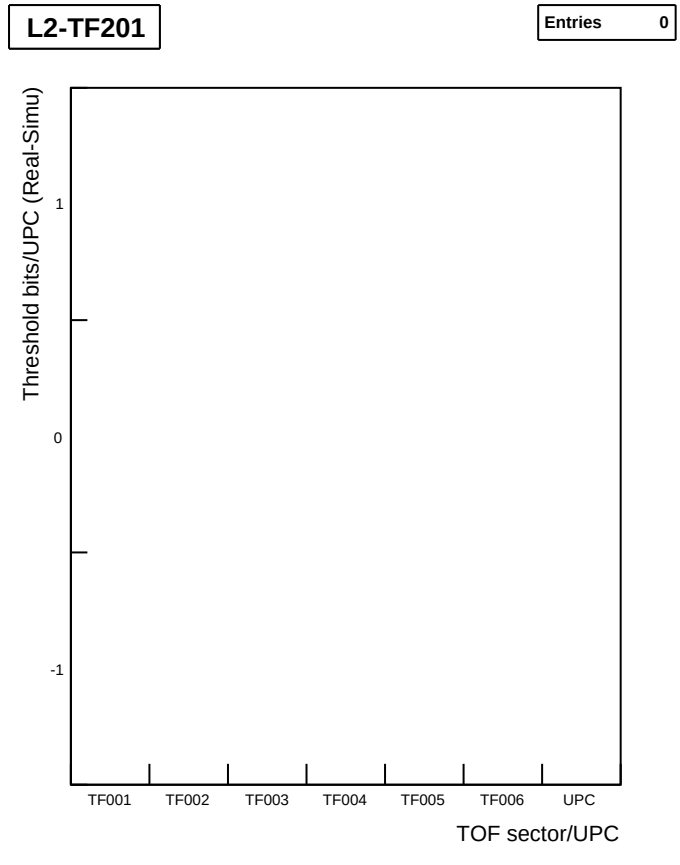

MIX-TF101
Entries 1849422
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

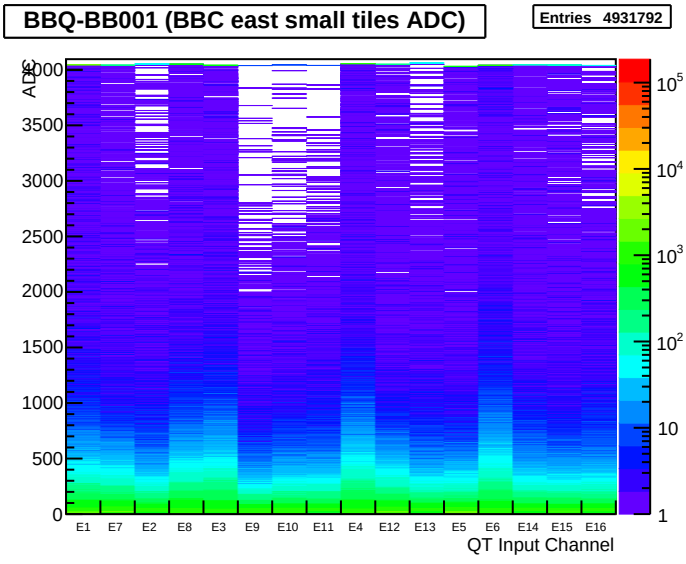

MIX-TF101
Entries 202677
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

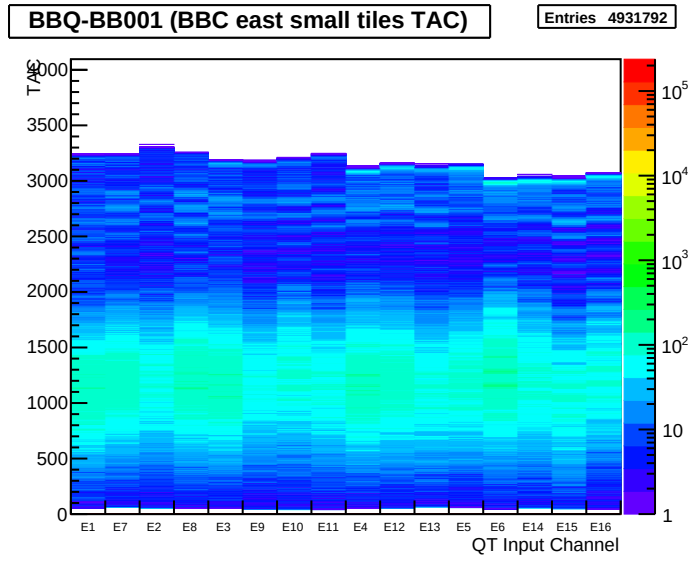

L2-TF201
Entries 308237
TOF total mult

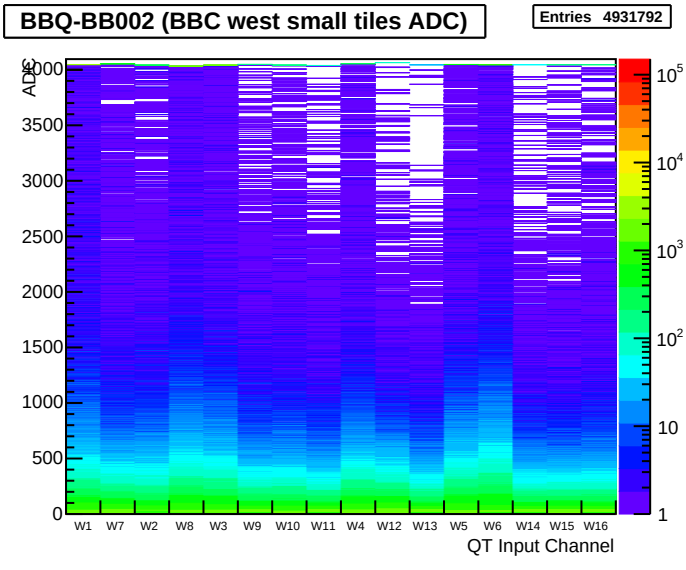

L2-TF201
Entries 0
TOF total mult(Real-Simu)

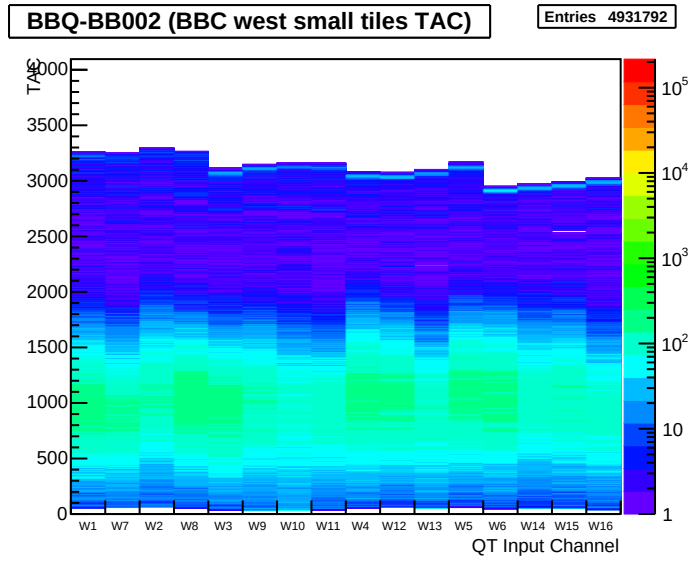

L2-TF201
Entries 2157659
Threshold/UPC bits
272088
273286
270624
273132
271637
270141
293342
36149
34951
37613
35105
36600
38096
14895
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

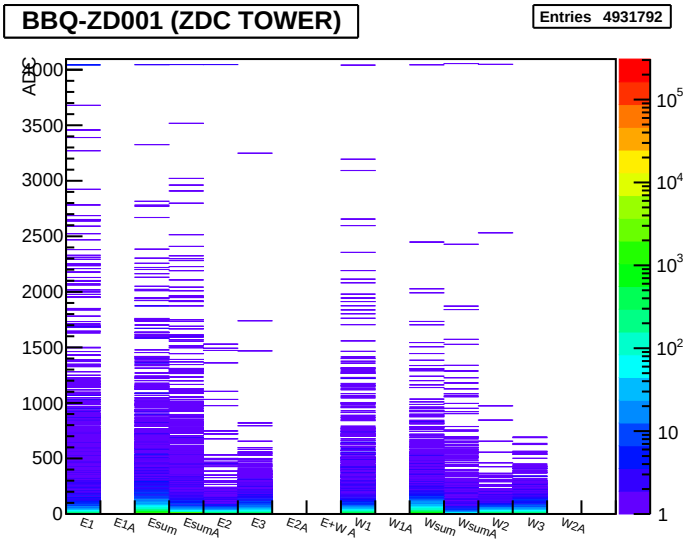

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

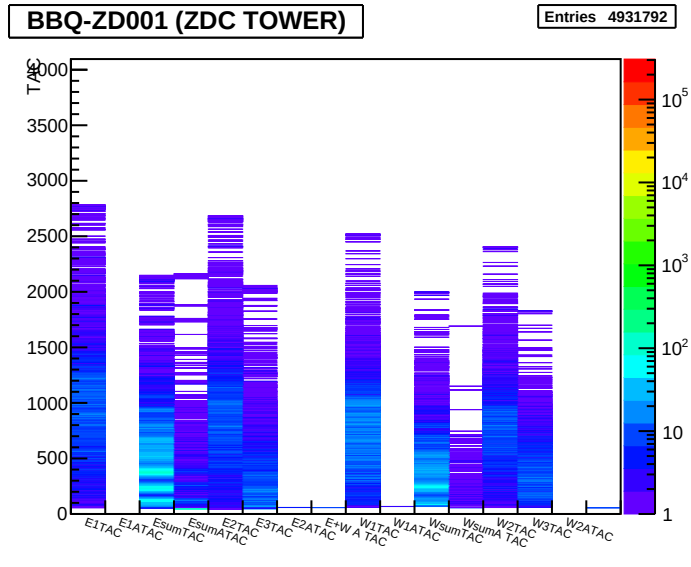

BBQ-BB001 (BBC east small tiles ADC)
Entries 4931792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

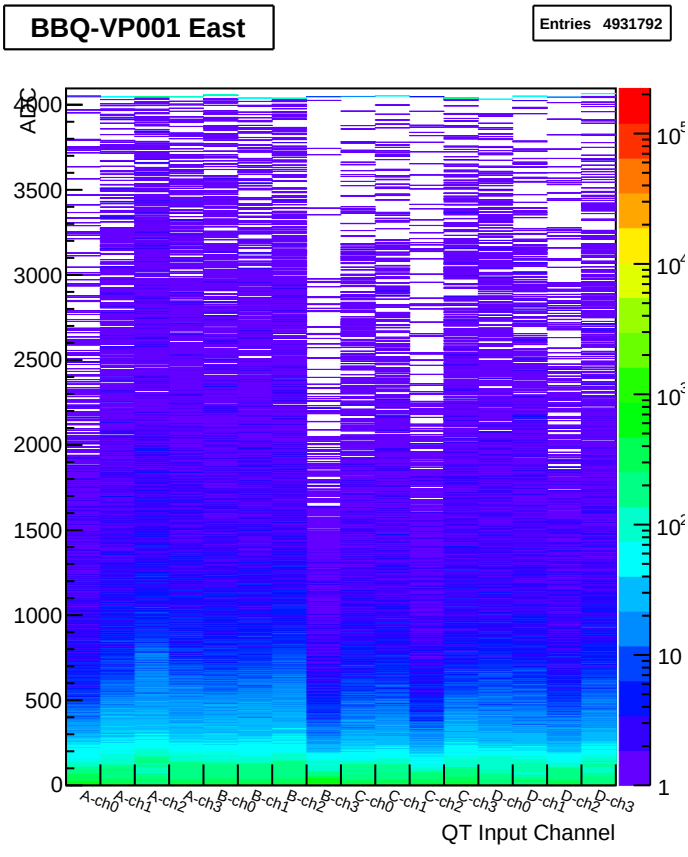

BBQ-BB001 (BBC east small tiles TAC)
Entries 4931792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

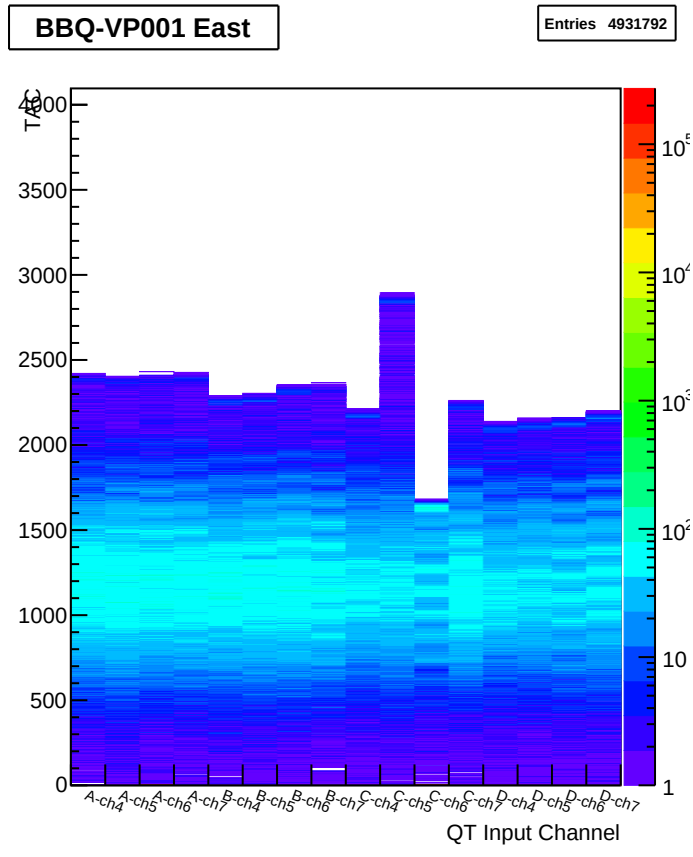

BBQ-BB002 (BBC west small tiles ADC)
Entries 4931792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

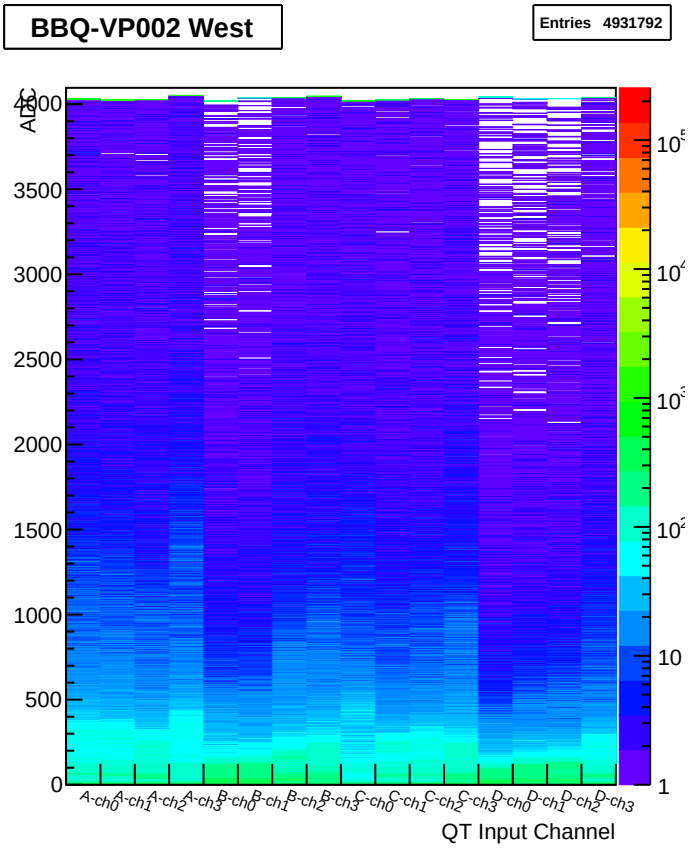

BBQ-BB002 (BBC west small tiles TAC)
Entries 4931792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

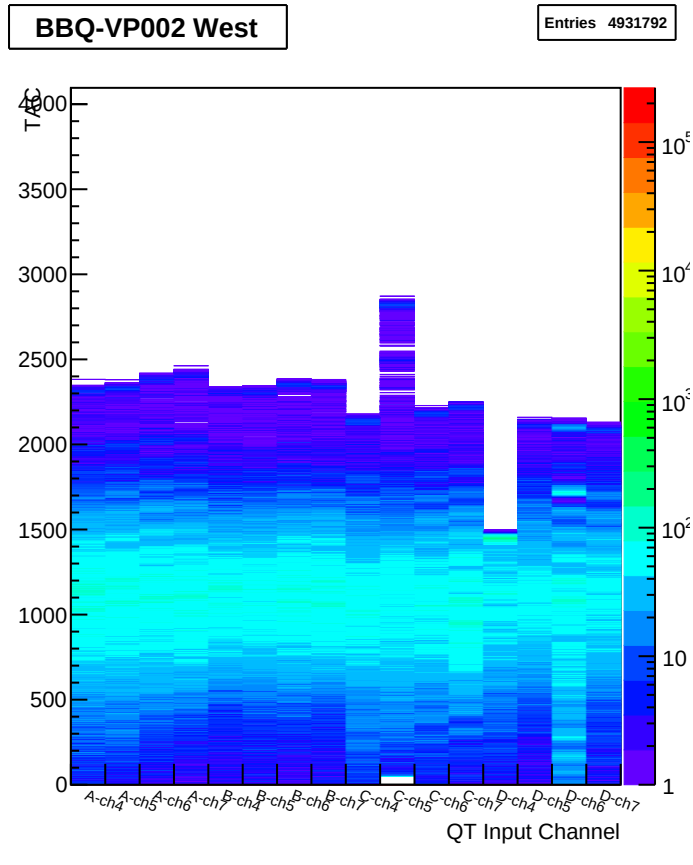

BBQ-ZD001 (ZDC TOWER)
Entries 4931792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

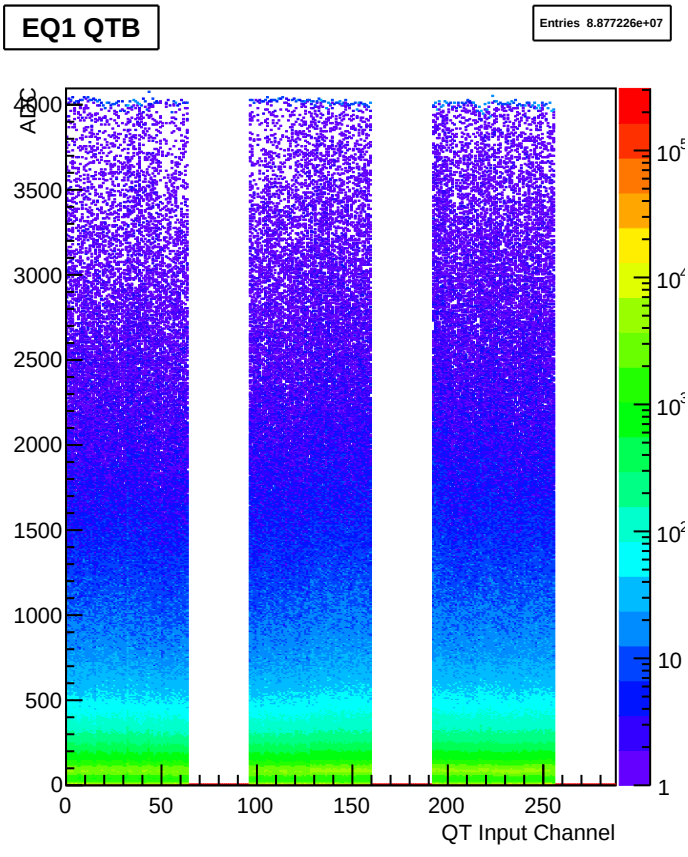

BBQ-ZD001 (ZDC TOWER)
Entries 4931792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

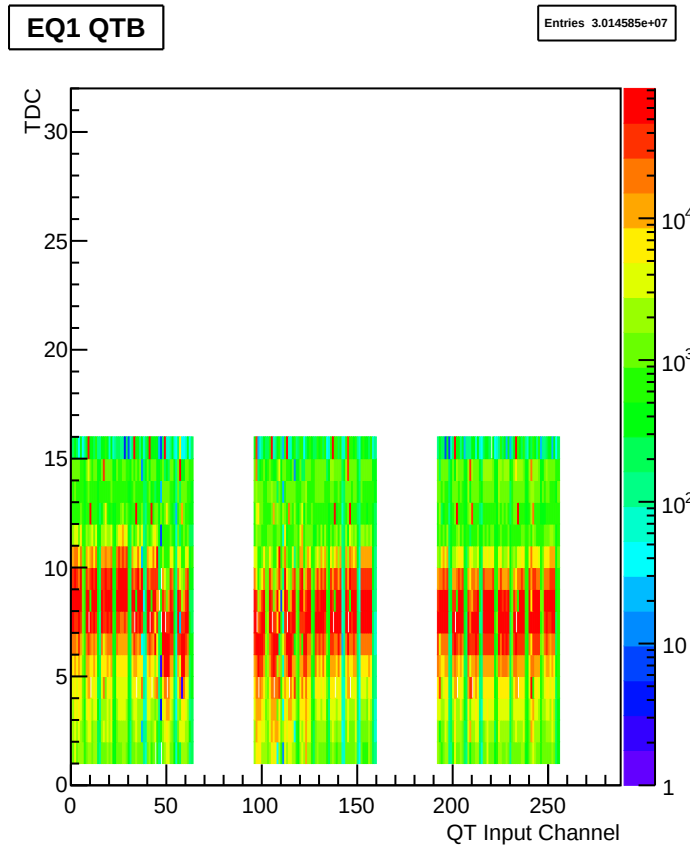

BBQ-VP001 East
Entries 4931792
ADC
QT Input Channel

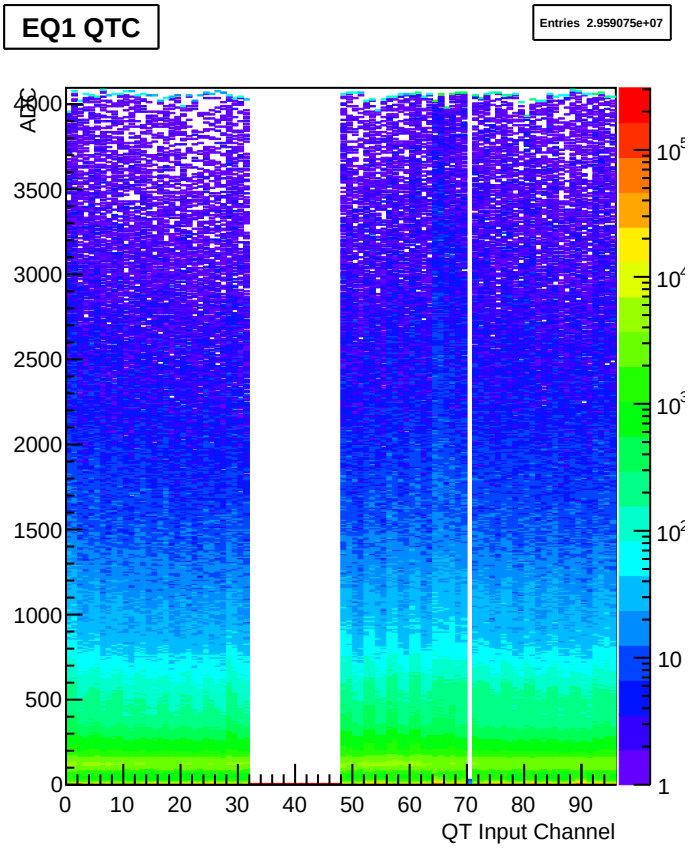

BBQ-VP001 East
Entries 4931792
TADC
QT Input Channel

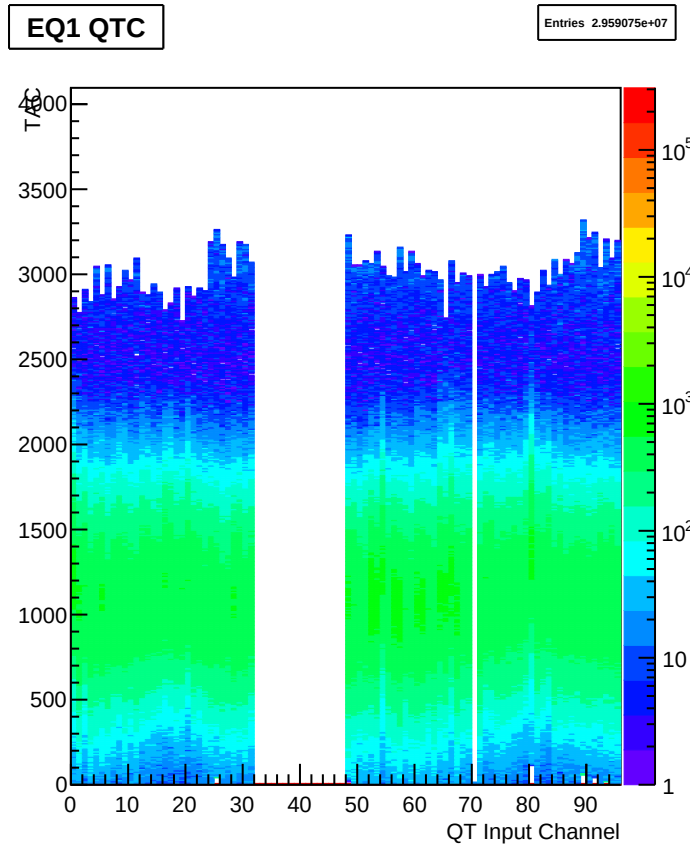

BBQ-VP002 West
Entries 4931792
ADC
QT Input Channel

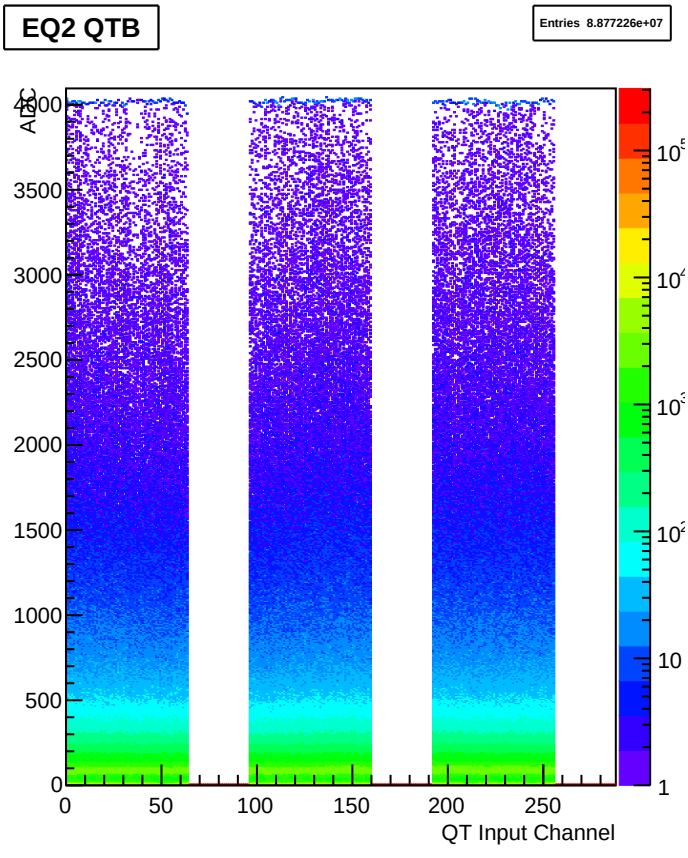

BBQ-VP002 West
Entries 4931792
TADC
QT Input Channel

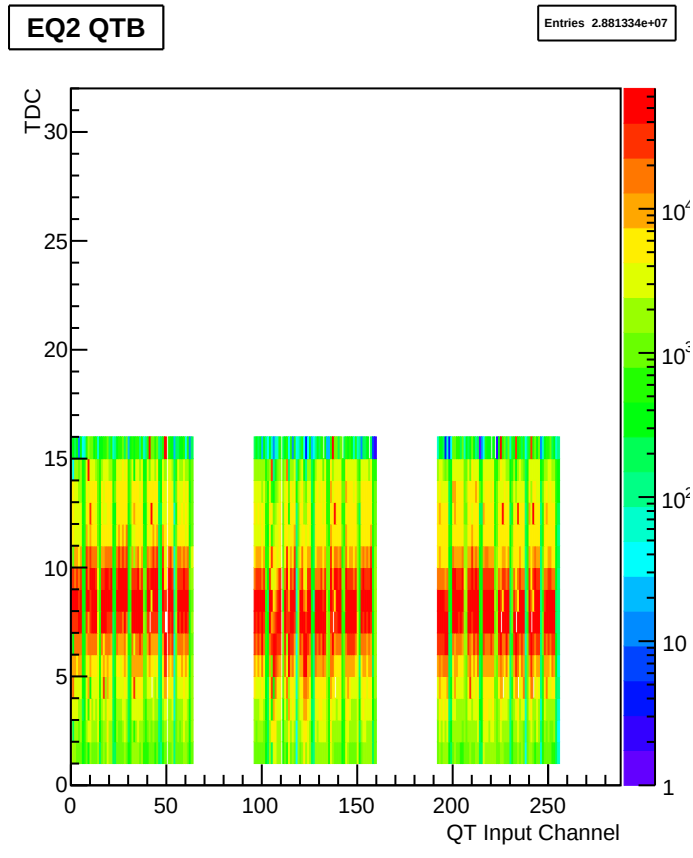

EQ1 QTB
Entries 8.877226e+07
ADC
QT Input Channel

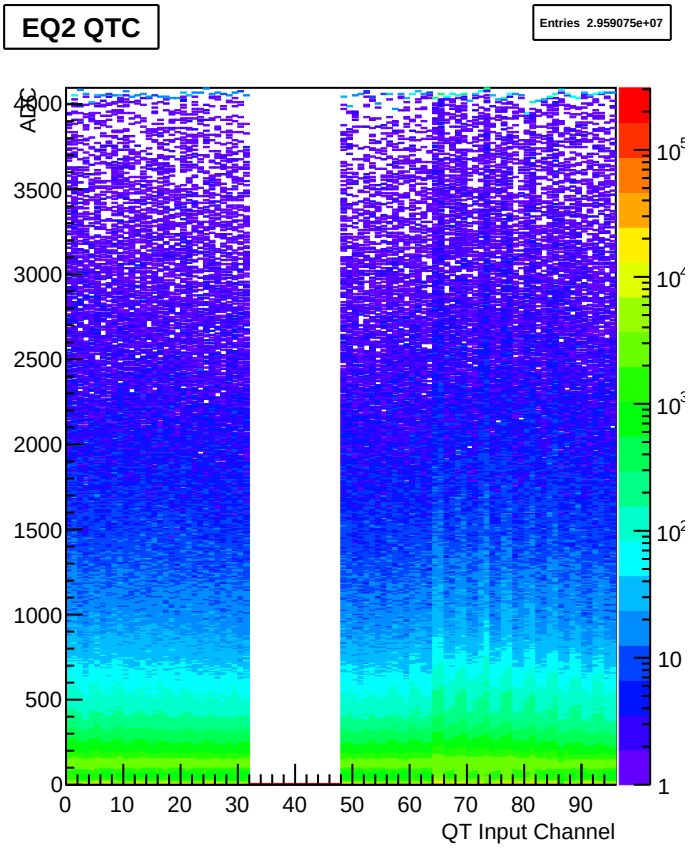

EQ1 QTB
Entries 3.014585e+07
TDC
QT Input Channel

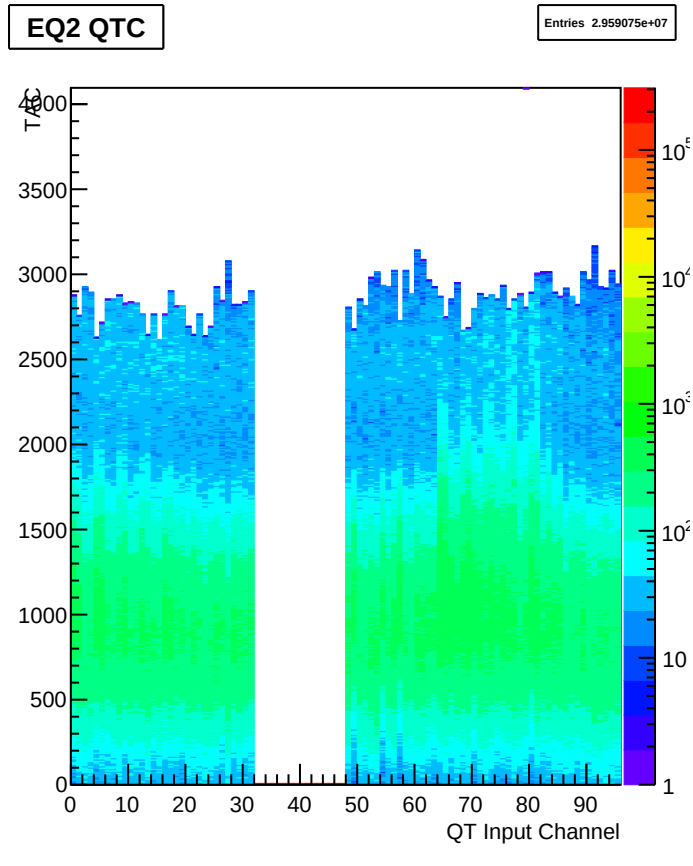

EQ1 QTC
Entries 2.959075e+07
ADC
QT Input Channel

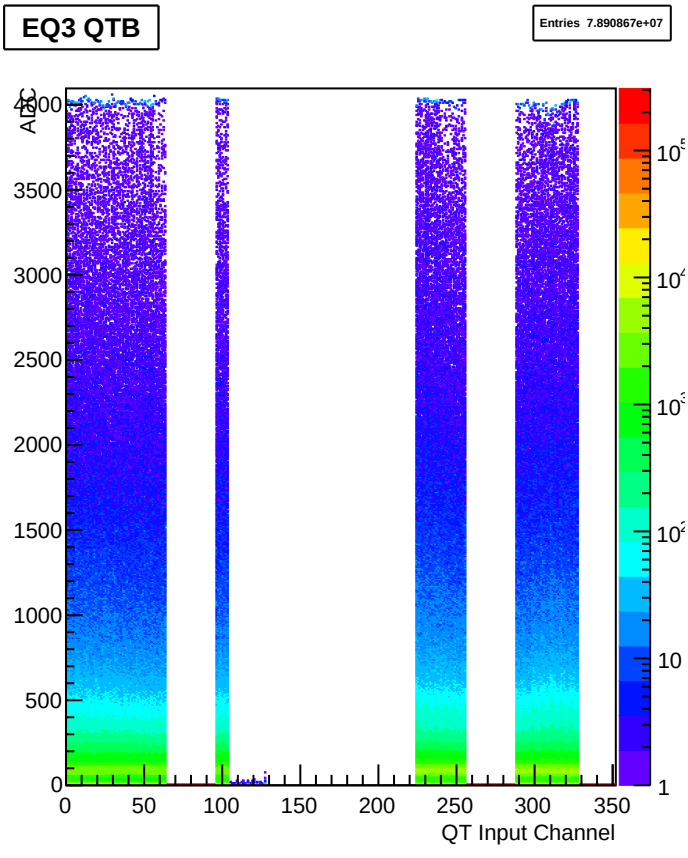

EQ1 QTC
Entries 2.959075e+07
TADC
QT Input Channel

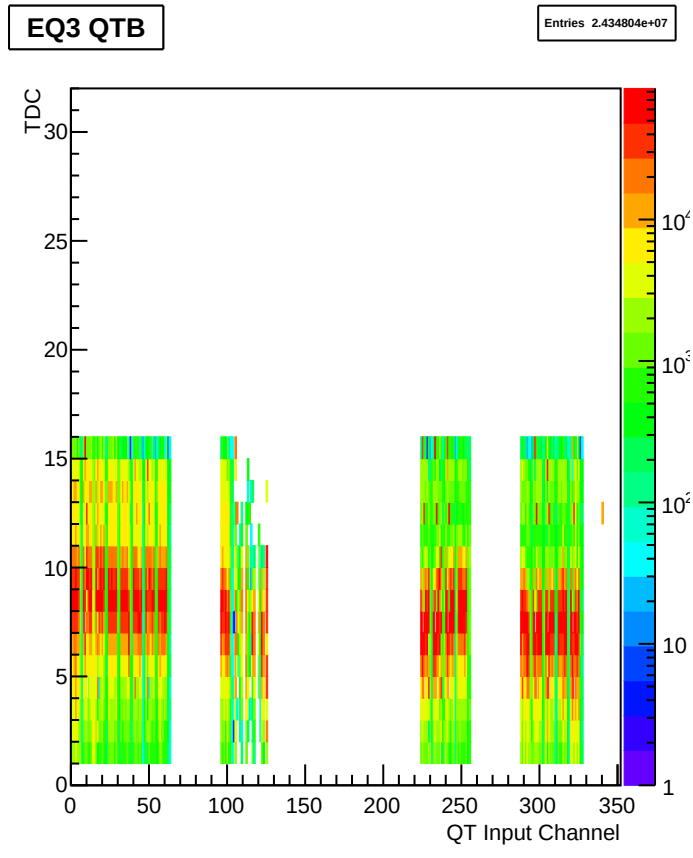

EQ2 QTB
Entries 8.877226e+07
ADC
QT Input Channel

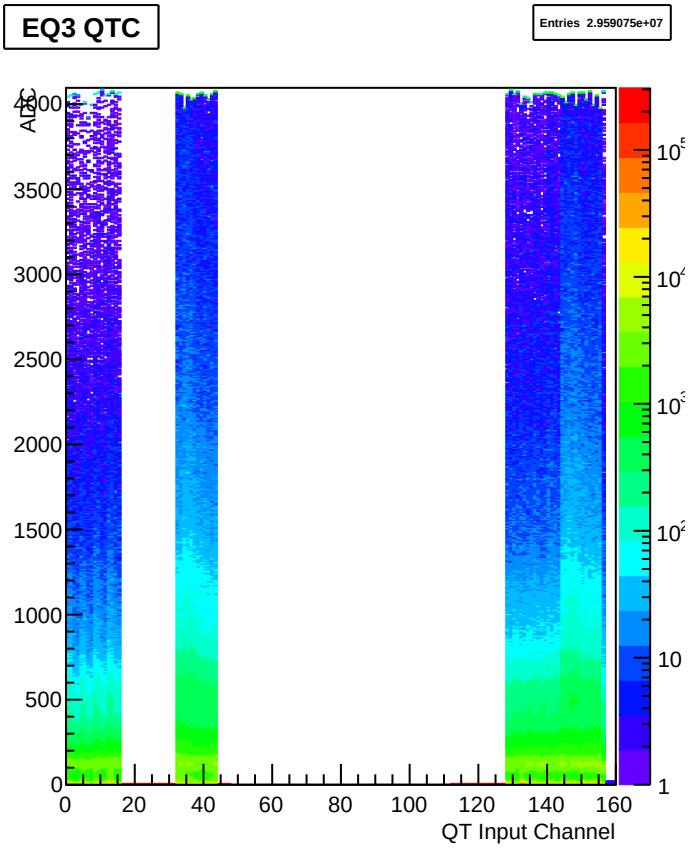

EQ2 QTB
Entries 2.881334e+07
TDC
QT Input Channel

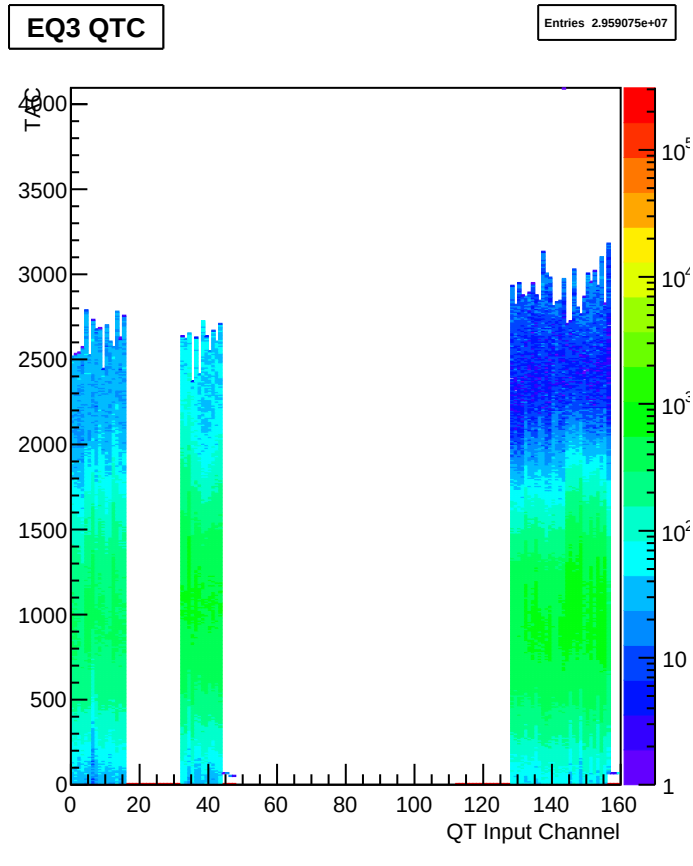

EQ2 QTC
Entries 2.959075e+07
ADC
QT Input Channel

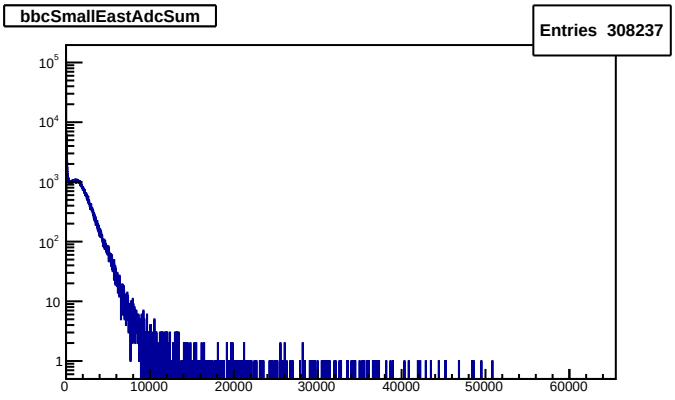

EQ2 QTC
Entries 2.959075e+07
TADC
QT Input Channel

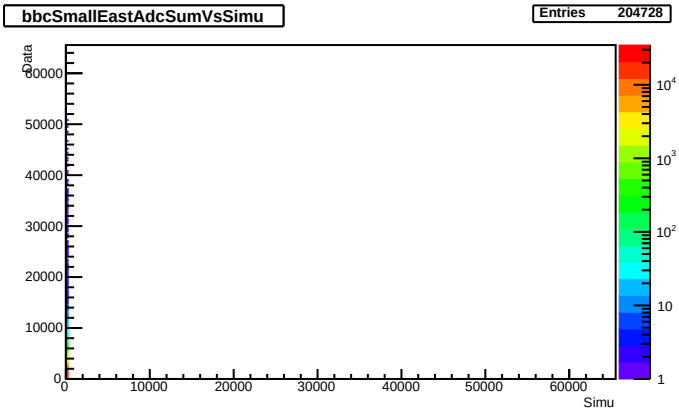

EQ3 QTB
Entries 7.890867e+07
ADC
QT Input Channel

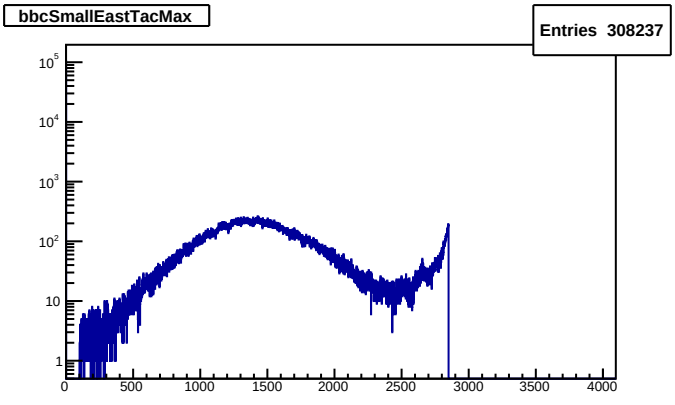

EQ3 QTB
Entries 2.434804e+07
TDC
QT Input Channel

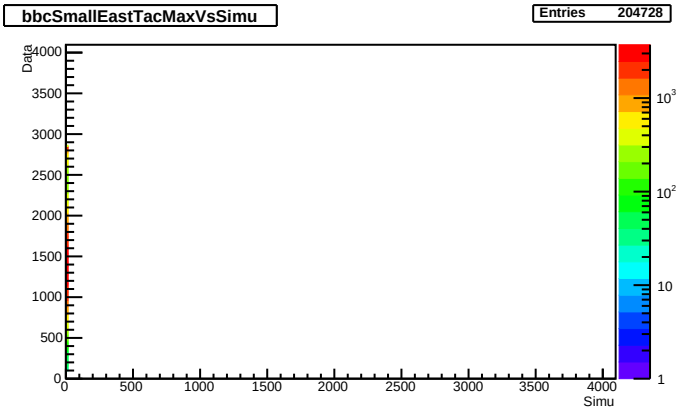

EQ3 QTC
Entries 2.959075e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.959075e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 308237


bbcSmallEastAdcSumVsSimu
Entries 204728
Data
Simu


bbcSmallEastTacMax
Entries 308237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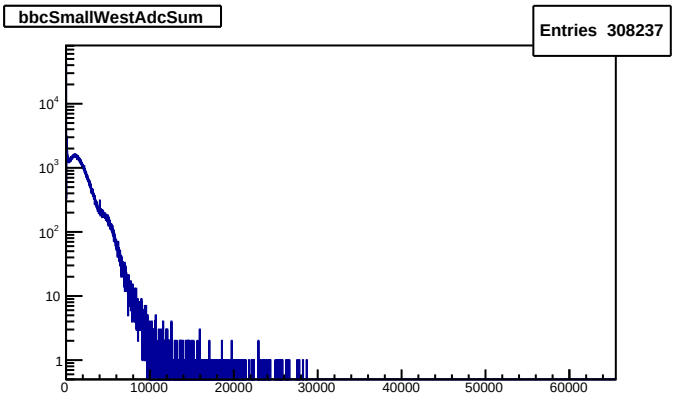
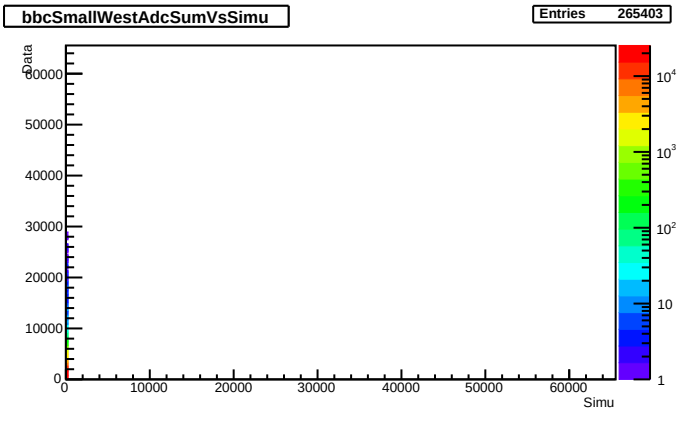
Entries 204728
Data
Simu


bbcSmallWestAdcSum
Entries 308237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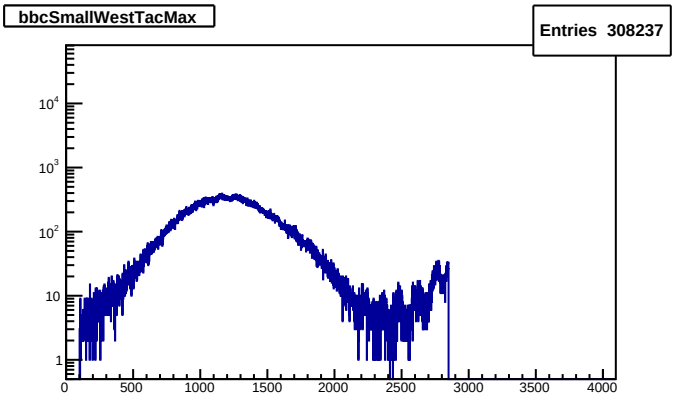
Entries 265403
Data
Simu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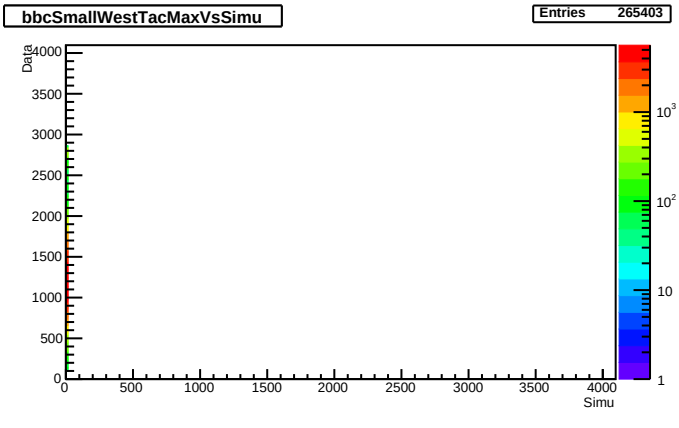
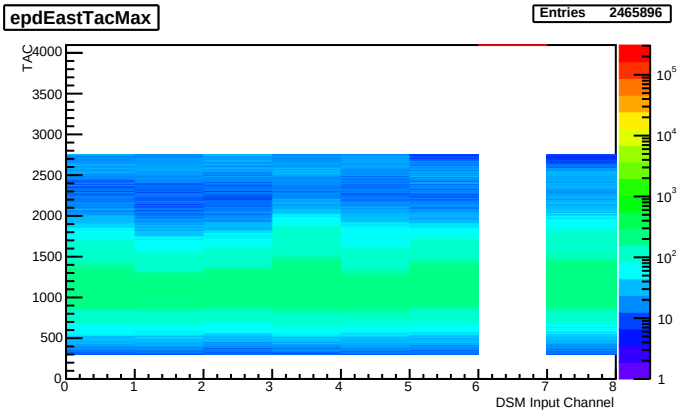
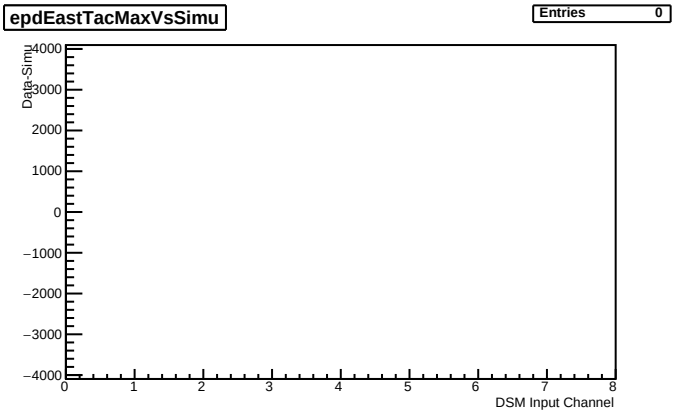
Entries 308237


bbcSmallWestTacMaxVsSimu
Entries 265403
Data
Simu


epdEastTacMax
Entries 2465896
TAC
DSM Input Channel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Entries 0
Data-Simu
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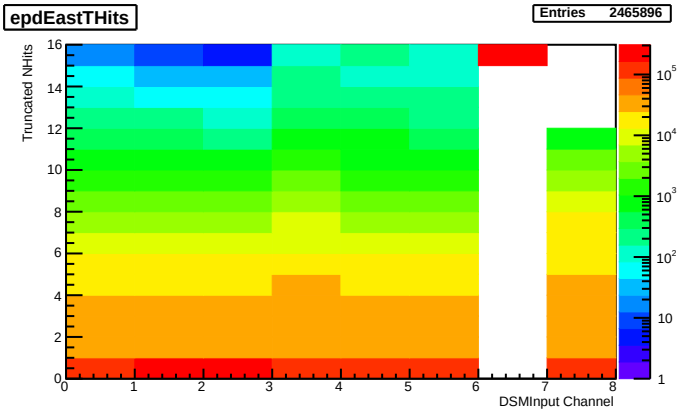
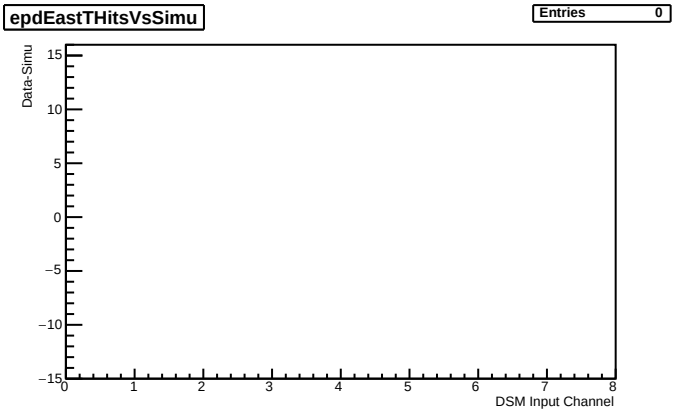

epdEastTHits
Entries 2465896
Truncated NHits
DSMInput Channel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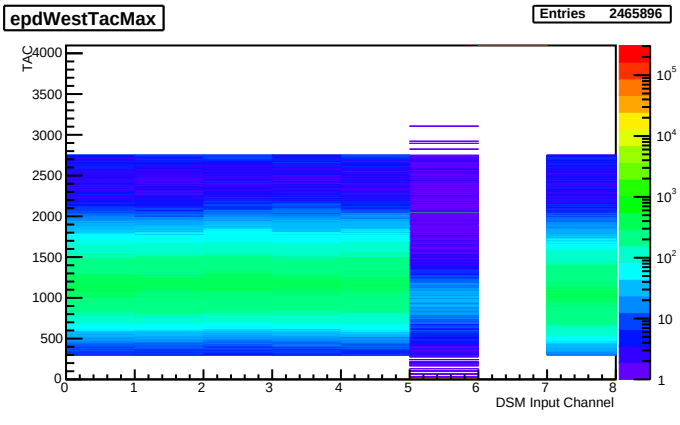
Data-Simu
DSM Input Channel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Entries 2465896
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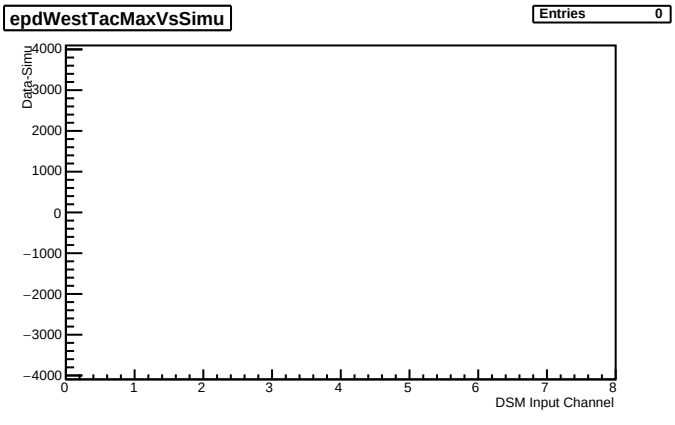
DSM Input Channel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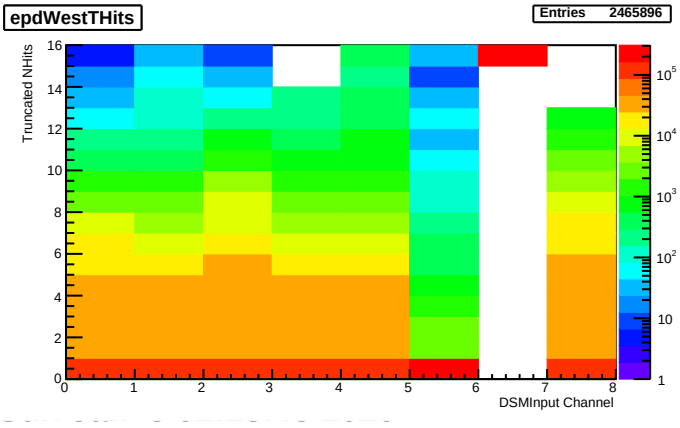
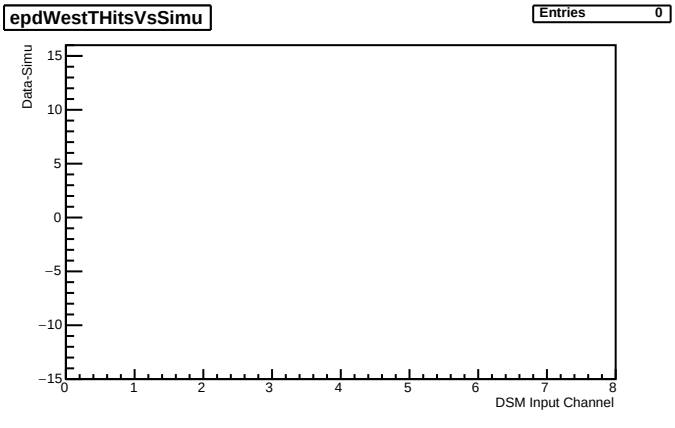
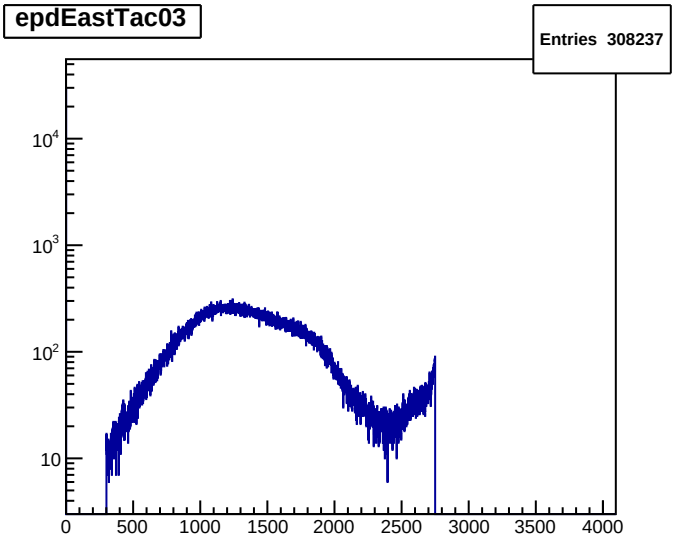
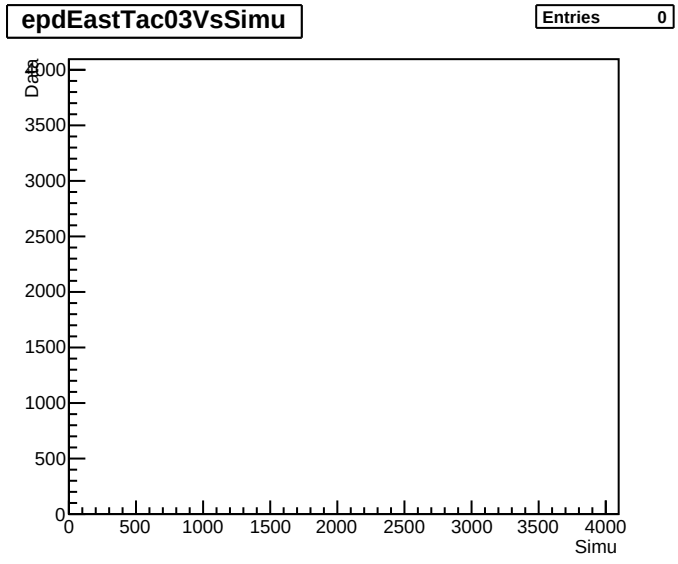
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2465896
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 308237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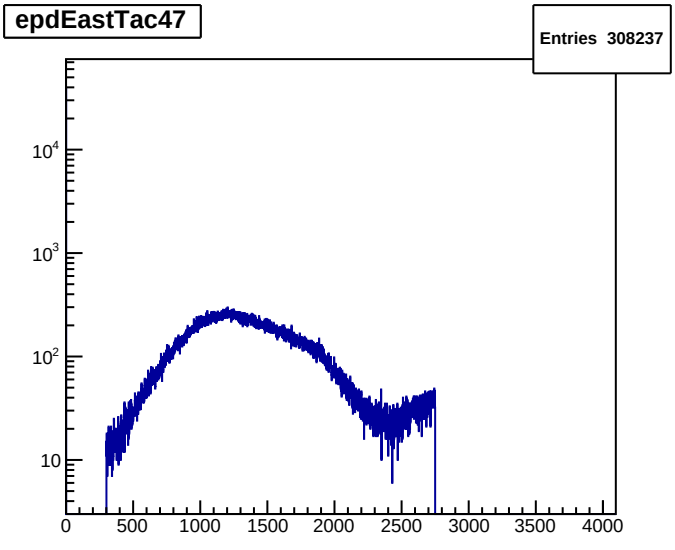
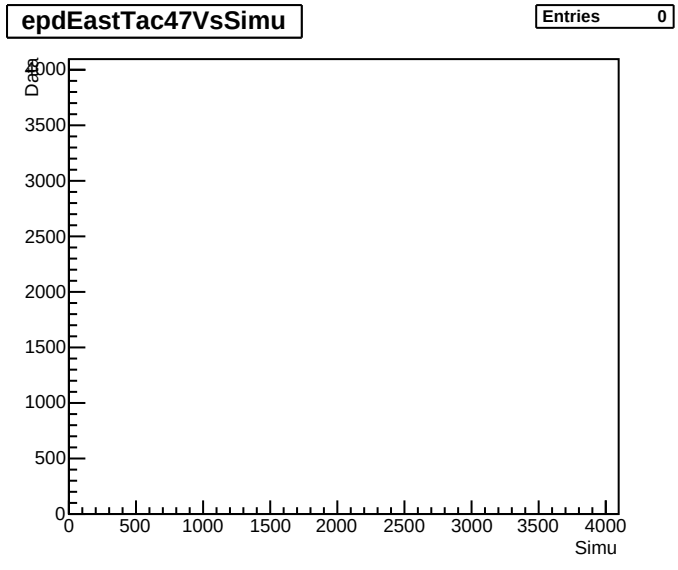
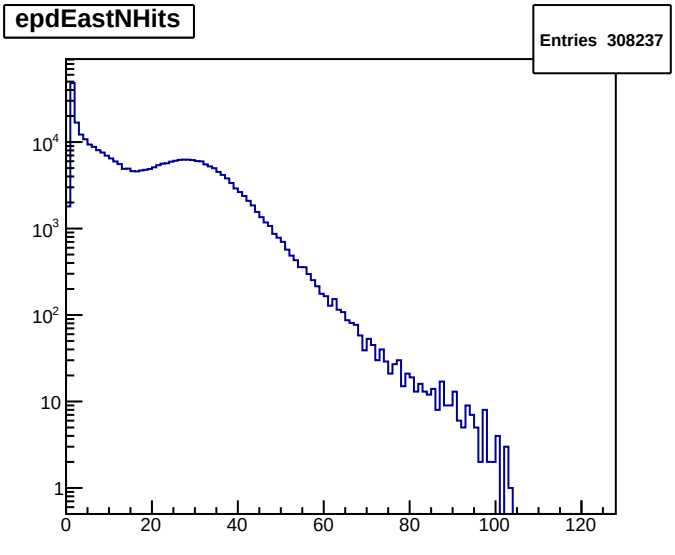
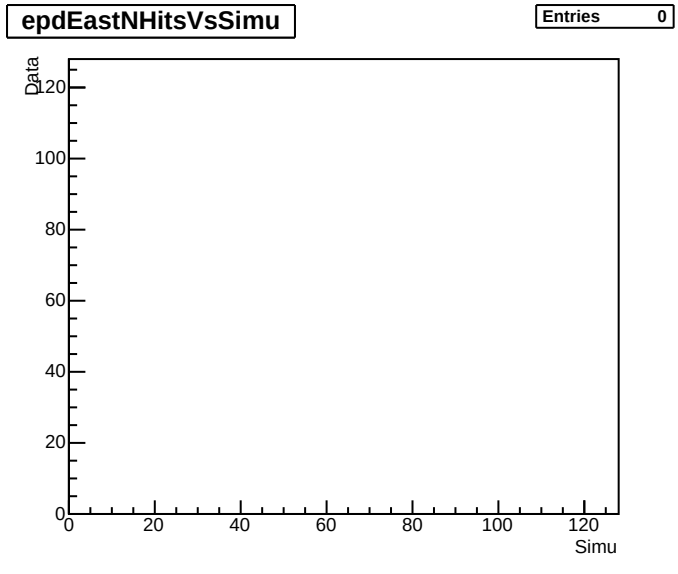
Entries 0
Data
Simu


epdEastTac47
Entries 308237


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 308237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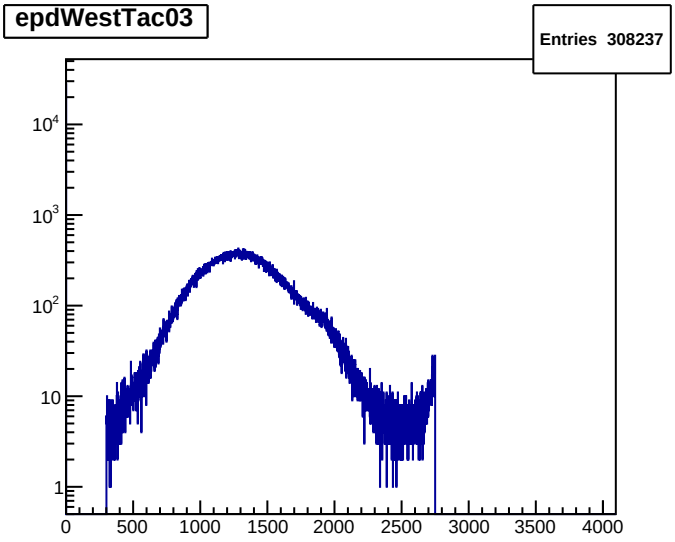
Entries 0
Data
Simu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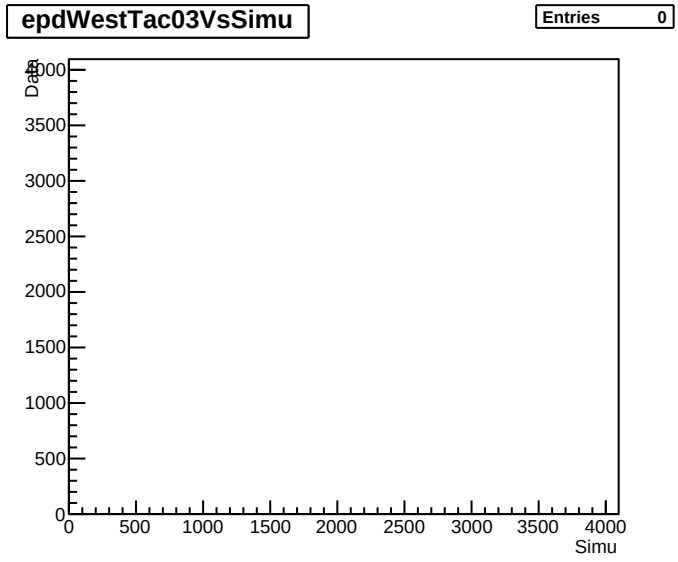
Entries 308237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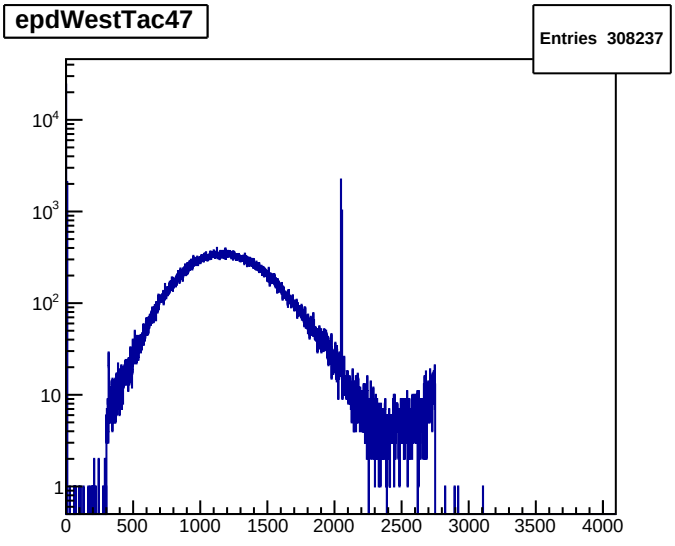
Entries 0
Data
Simu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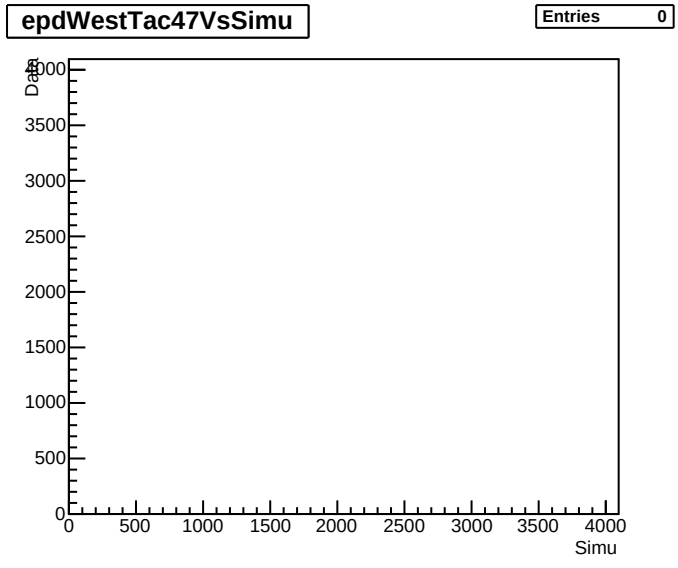
Entries 308237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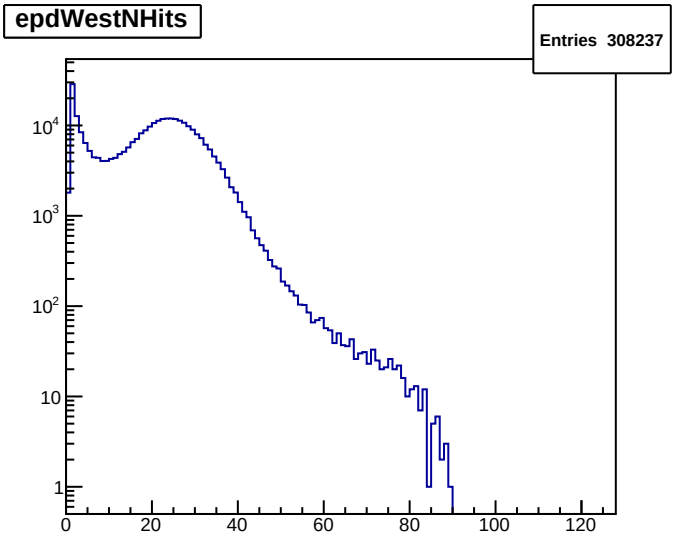
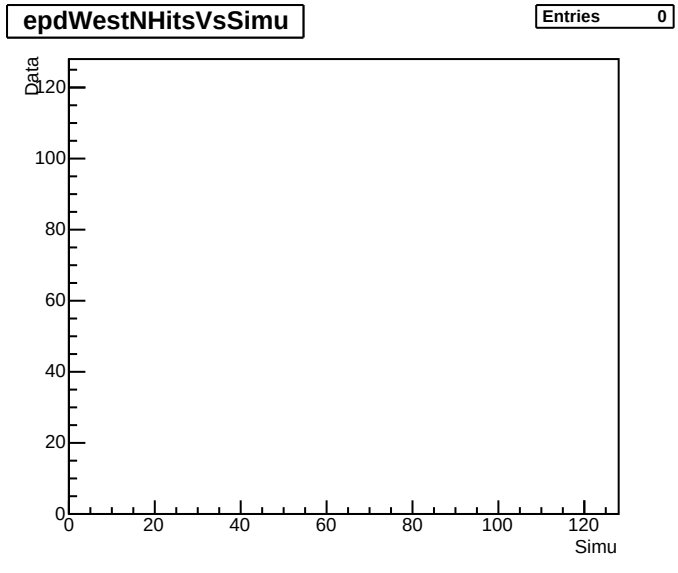
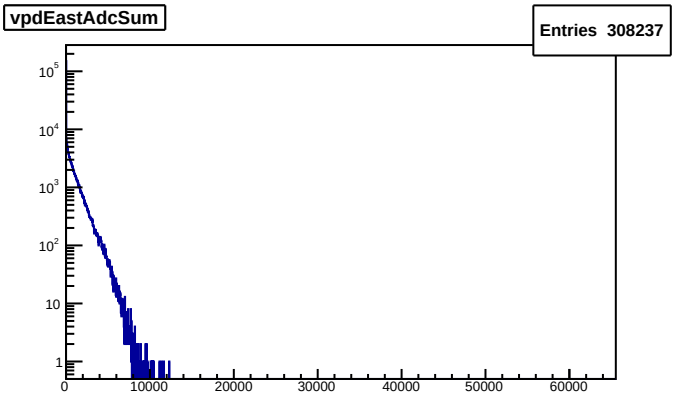
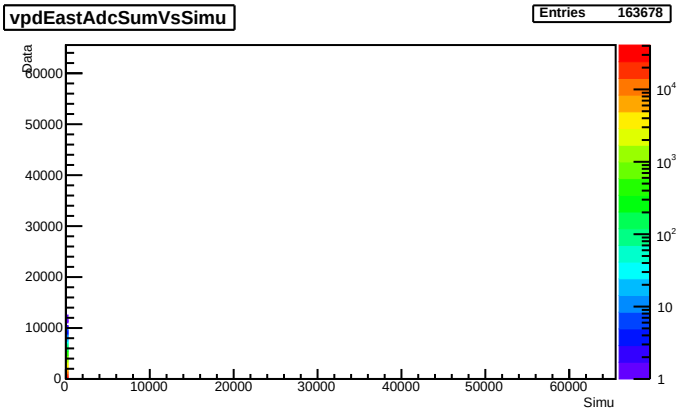
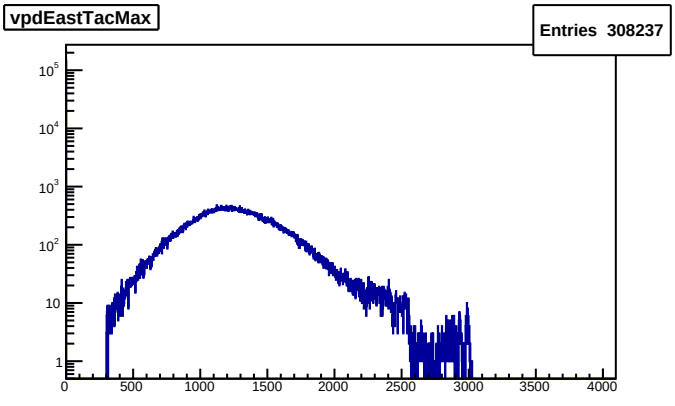
Entries 0
Data
Simu

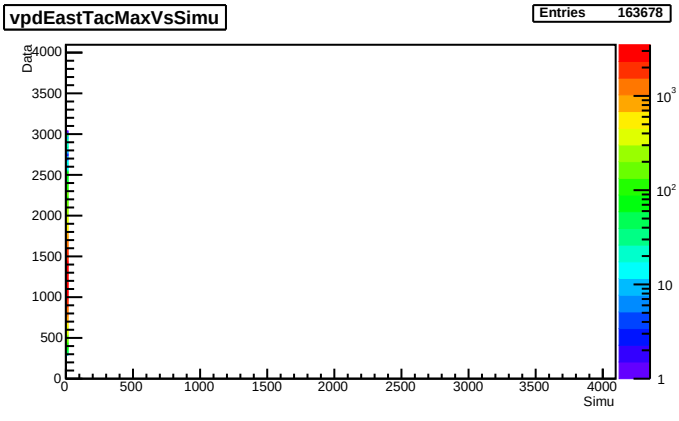

epdWestNHits
Entries 308237

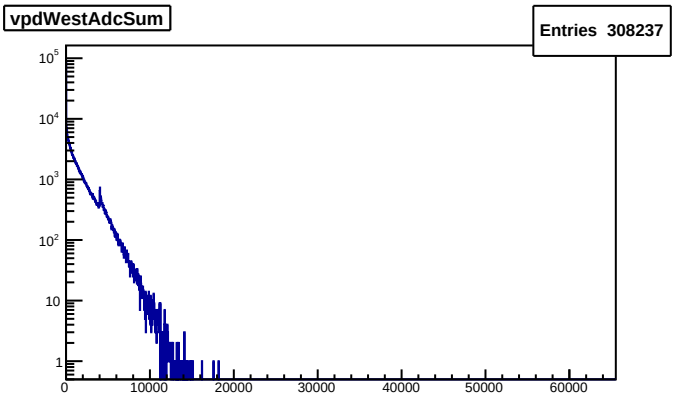

epdWestNHitsVsSimu
Entries 0
Data
Simu

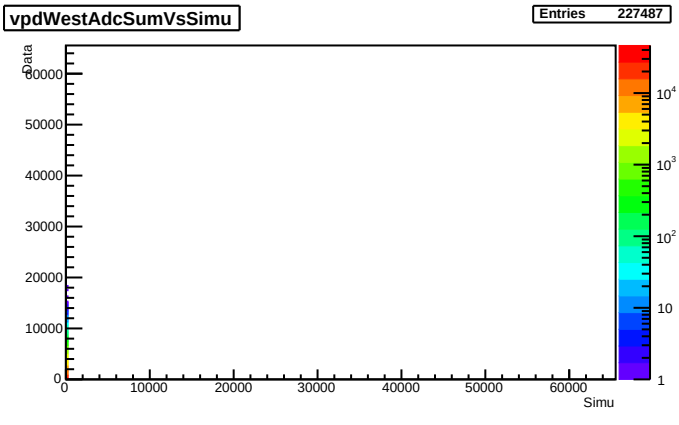

vpdEastAdcSum
Entries 308237

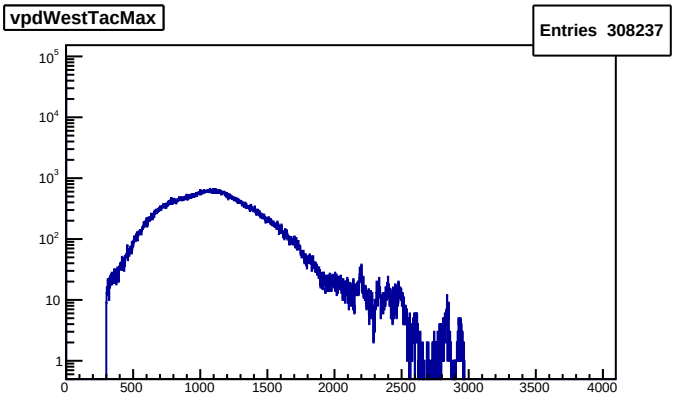

vpdEastAdcSumVsSimu
Entries 163678
Data
Simu

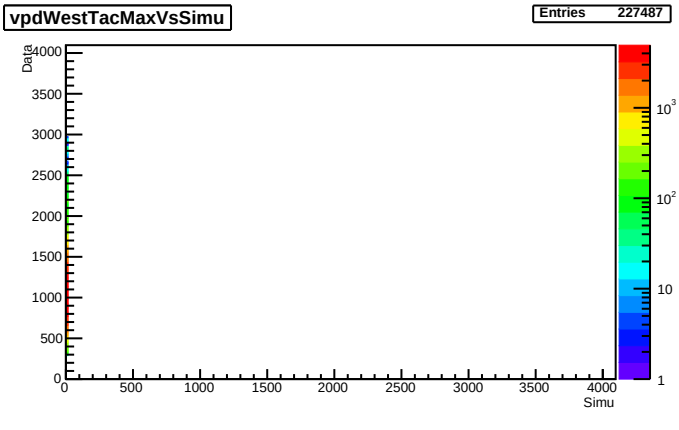

vpdEastTacMax
Entries 308237

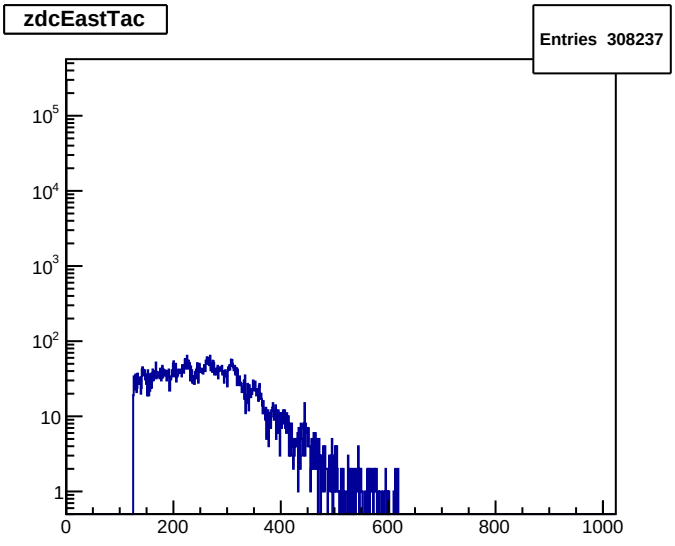

vpdEastTacMaxVsSimu
Entries 163678
Data
Simu

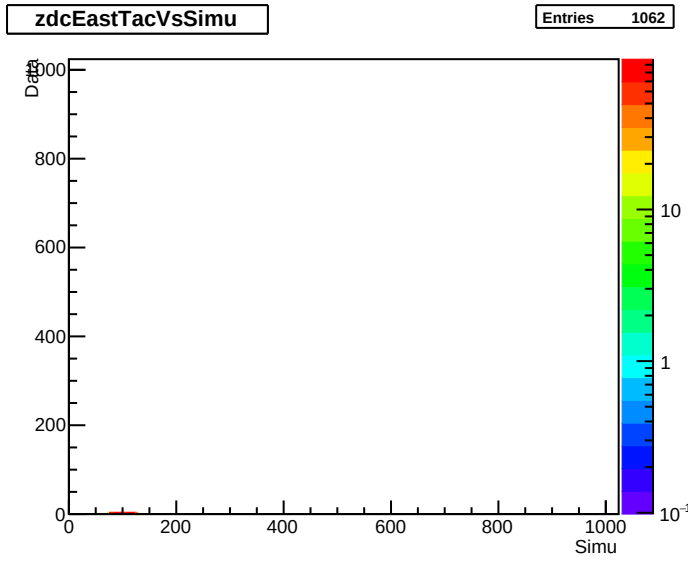

vpdWestAdcSum
Entries 308237

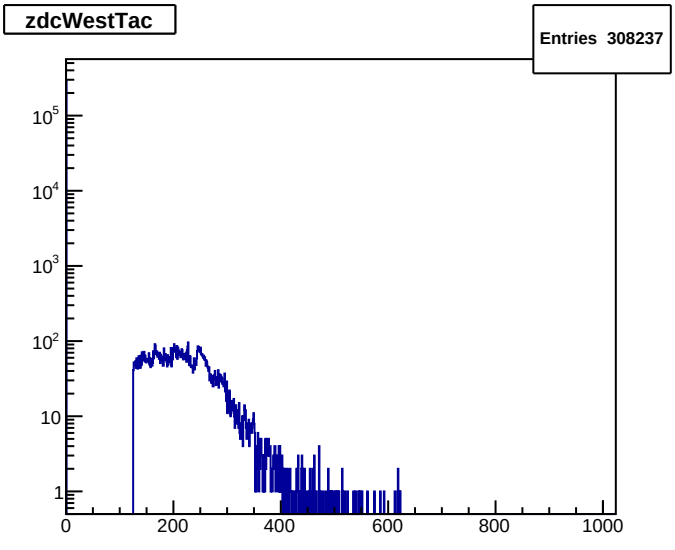

vpdWestAdcSumVsSimu
Entries 227487
Data
Simu

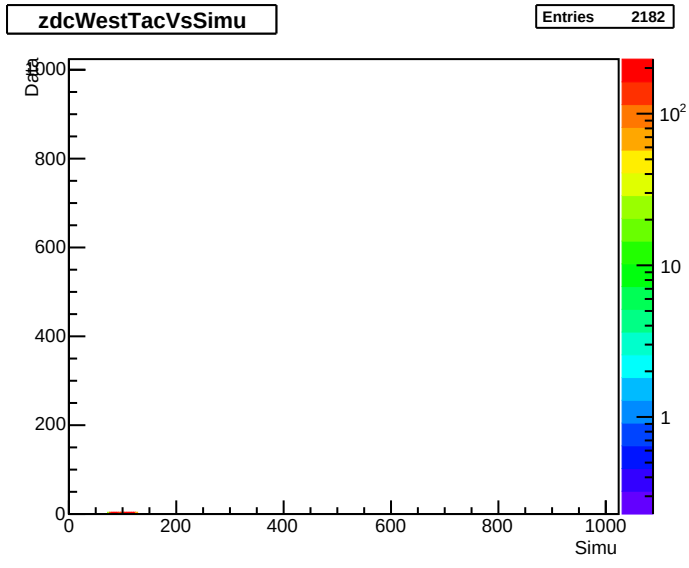

vpdWestTacMax
Entries 308237

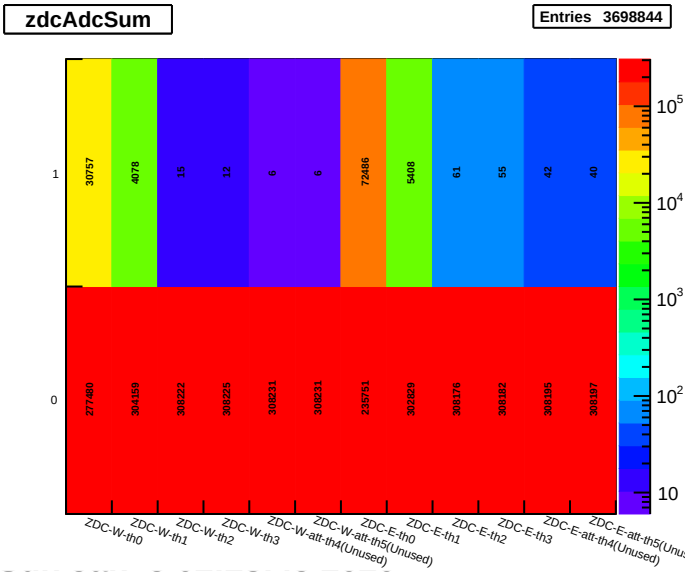

vpdWestTacMaxVsSimu
Entries 227487
Data
Simu

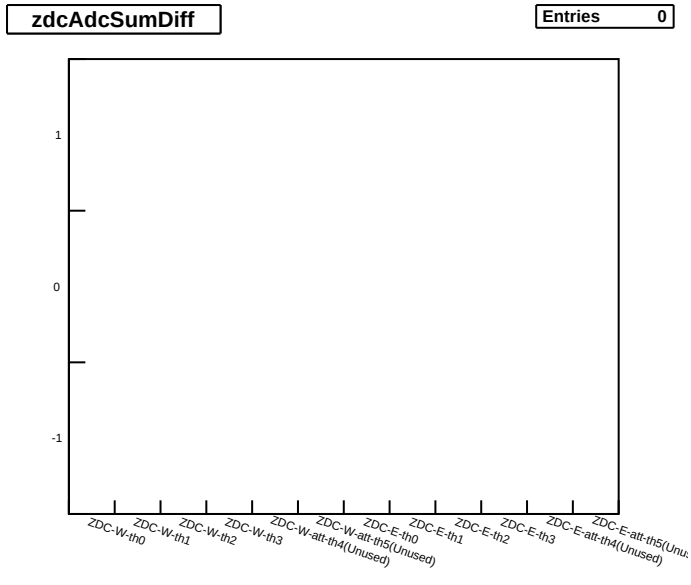

zdcEastTac
Entries 308237

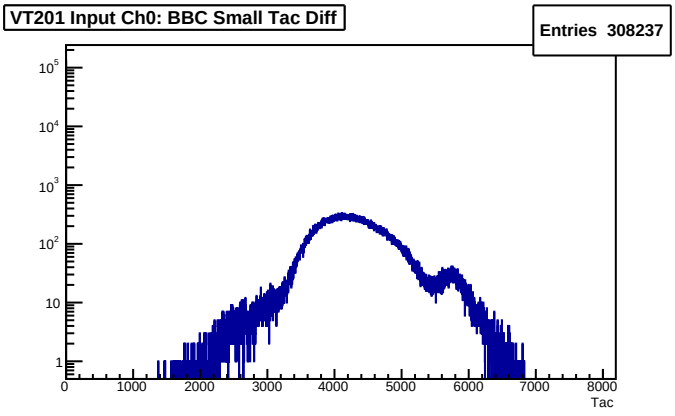

zdcEastTacVsSimu
Entries 1062
Data
Simu

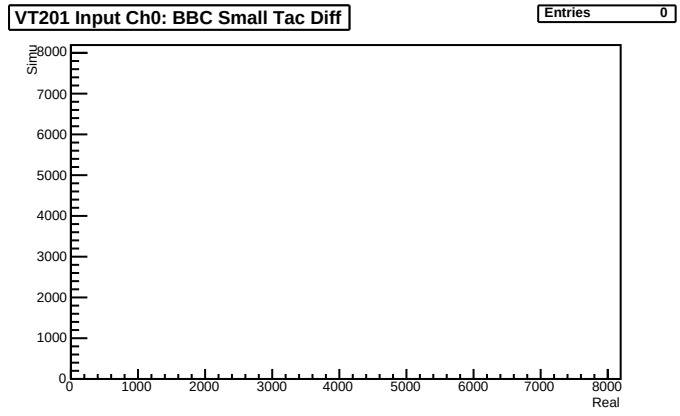

zdcWestTac
Entries 308237

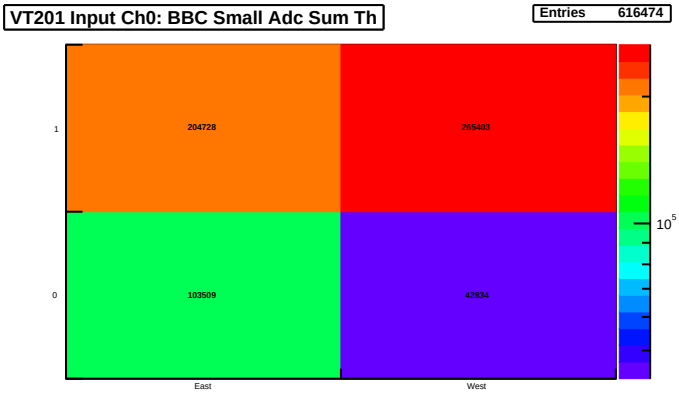

zdcWestTacVsSimu
Entries 2182
Data
Simu

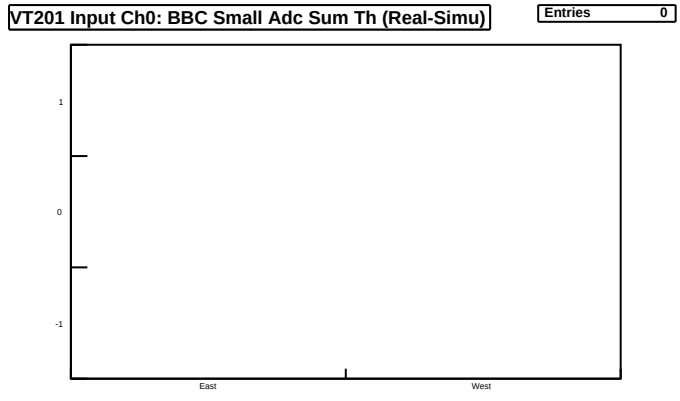

zdcAdcSum
Entries 3698844
30757
4078
15
12
6
6
72486
5408
61
55
42
40
277480
304159
308222
308225
308231
308231
235751
302829
308176
308182
308195
308197
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

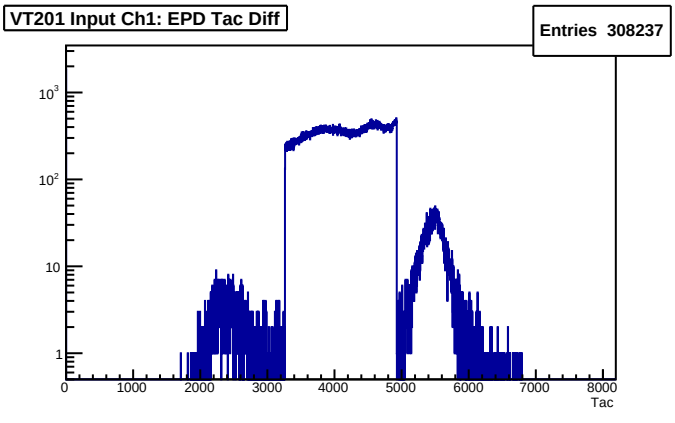

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

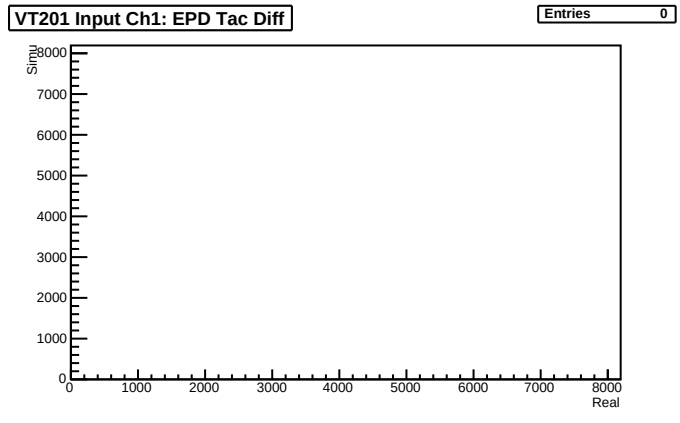

VT201 Input Ch0: BBC Small Tac Diff
Entries 308237
Tac

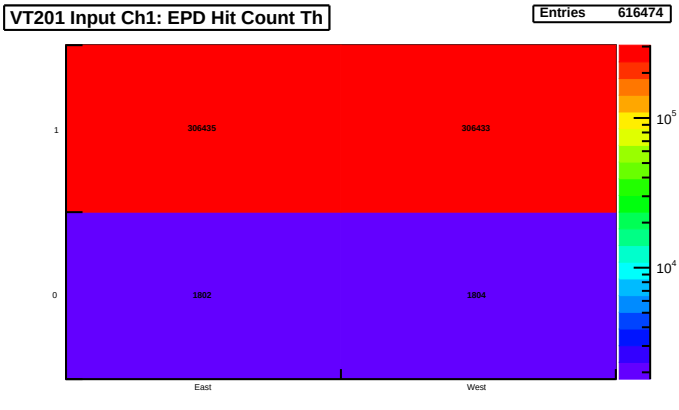

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

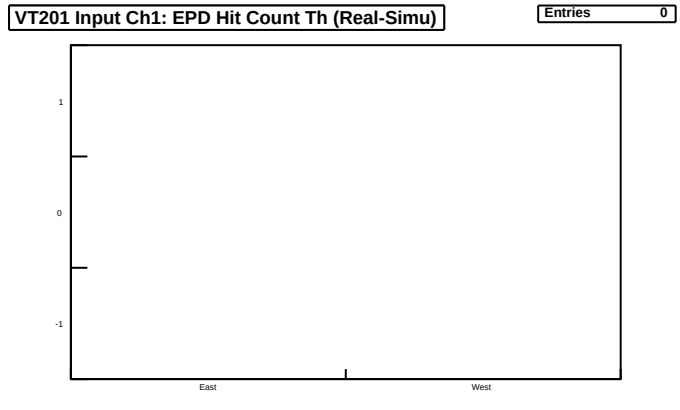

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 616474
204728
265403
103509
42834
East
West

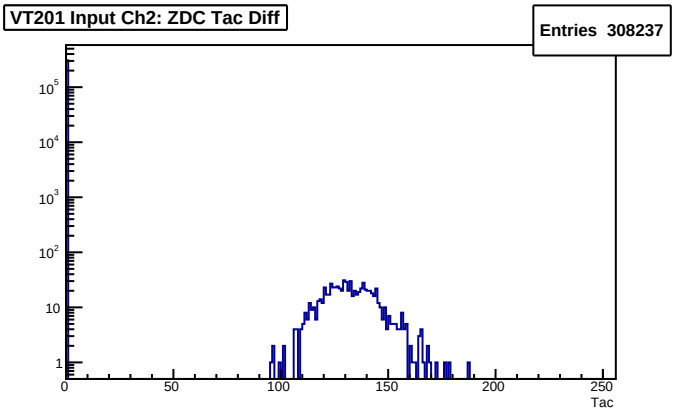

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

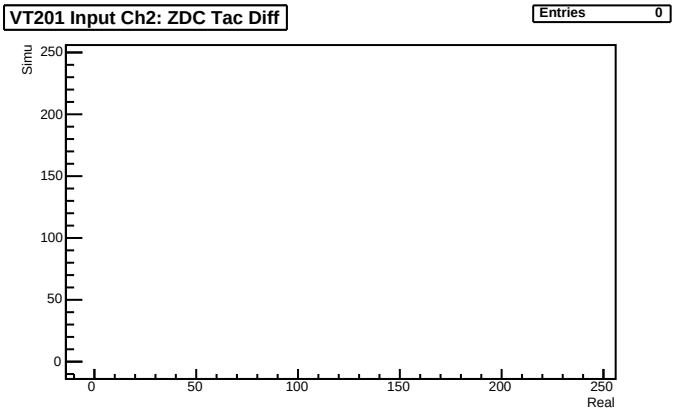

VT201 Input Ch1: EPD Tac Diff
Entries 308237
Tac

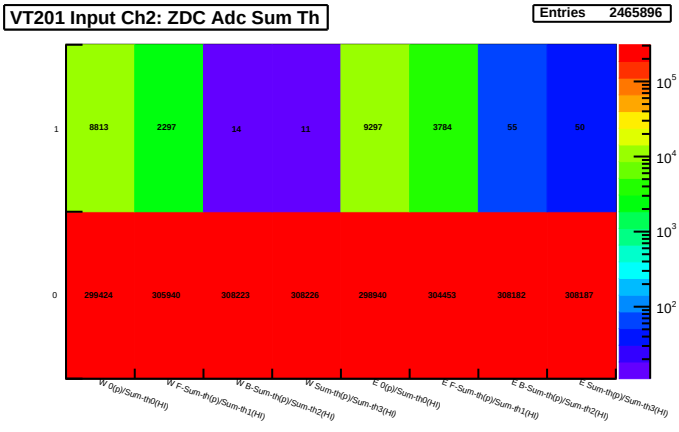

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

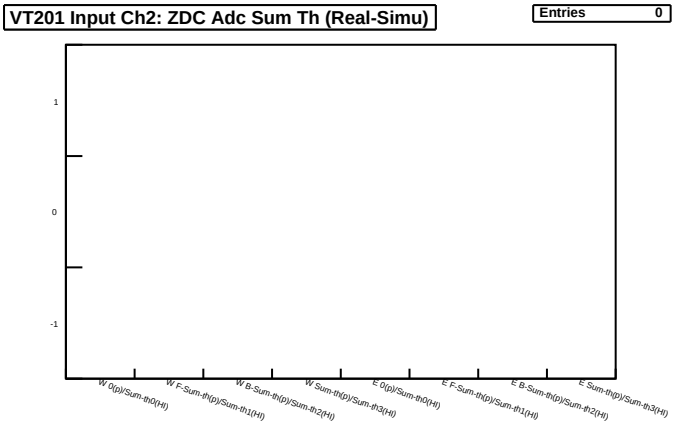

VT201 Input Ch1: EPD Hit Count Th
Entries 616474
306435
306433
1802
1804
East
West

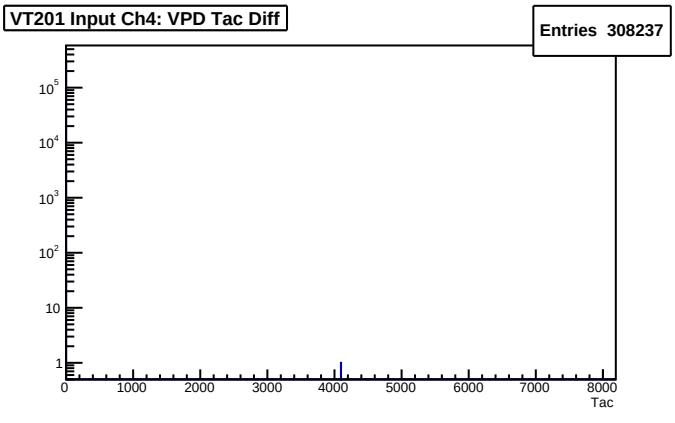

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

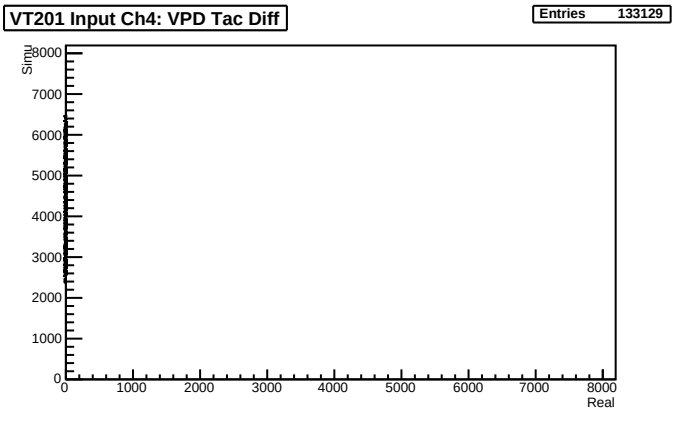

VT201 Input Ch2: ZDC Tac Diff
Entries 308237
Tac

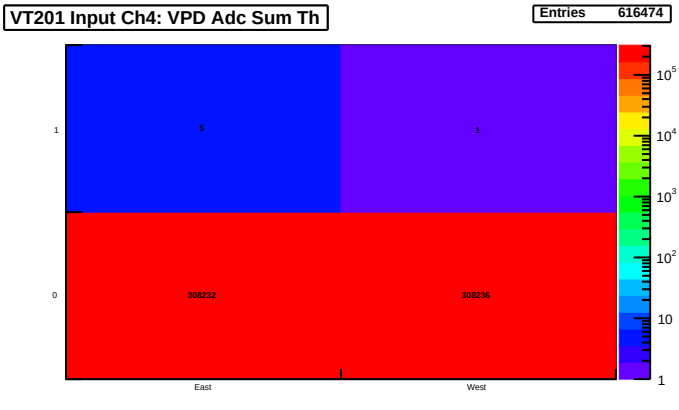

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

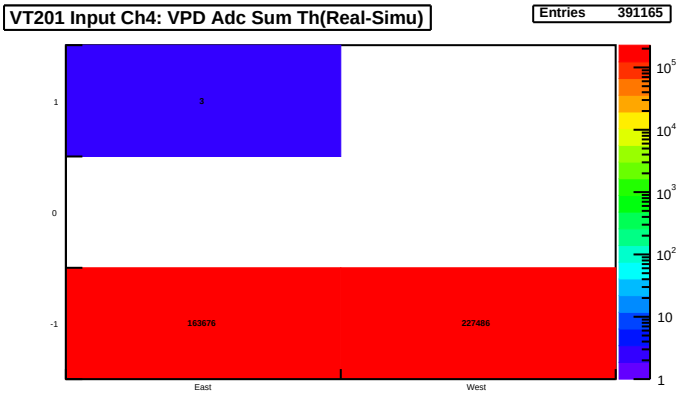

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2465896
8813
2297
14
11
9297
3784
55
50
299424
305940
308223
308226
298940
304453
308182
308187
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

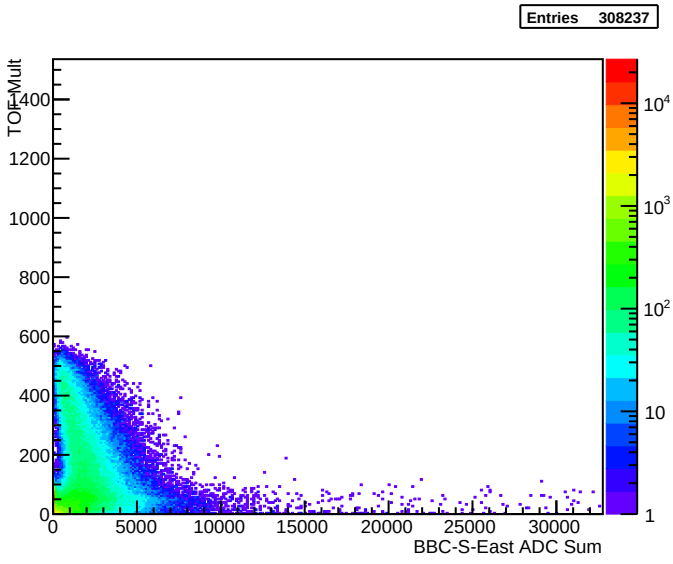

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

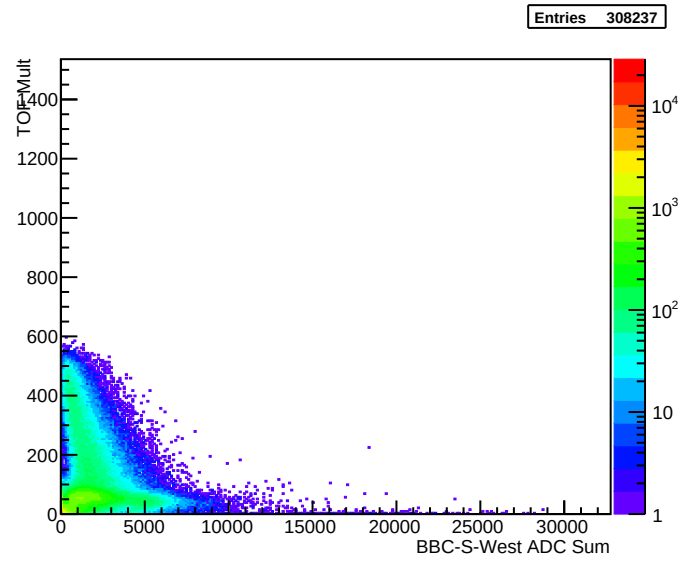

VT201 Input Ch4: VPD Tac Diff
Entries 308237
Tac

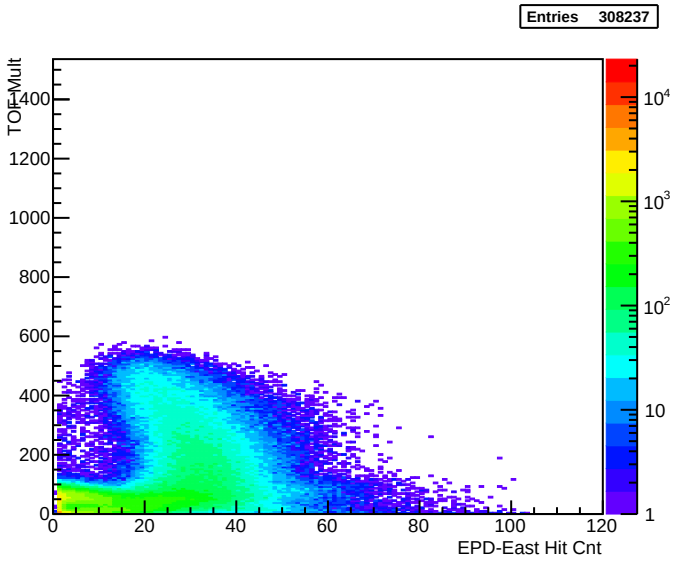

VT201 Input Ch4: VPD Tac Diff
Entries 133129
Simu
Real

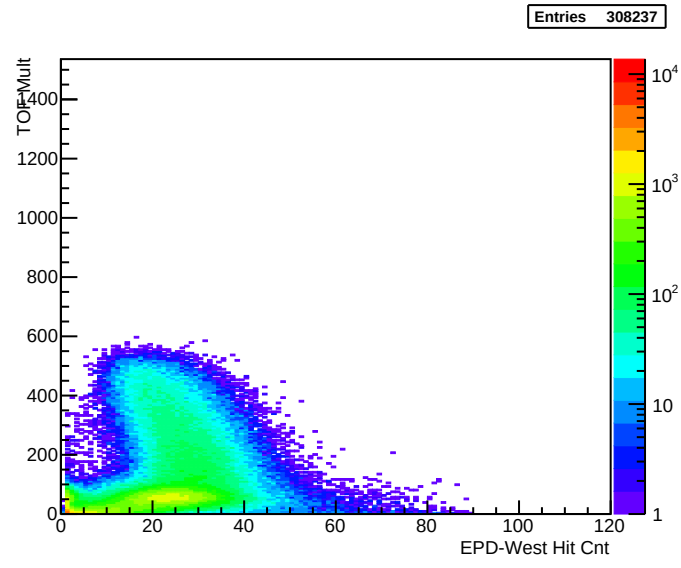

VT201 Input Ch4: VPD Adc Sum Th
Entries 616474
5
1
308232
308236
East
West

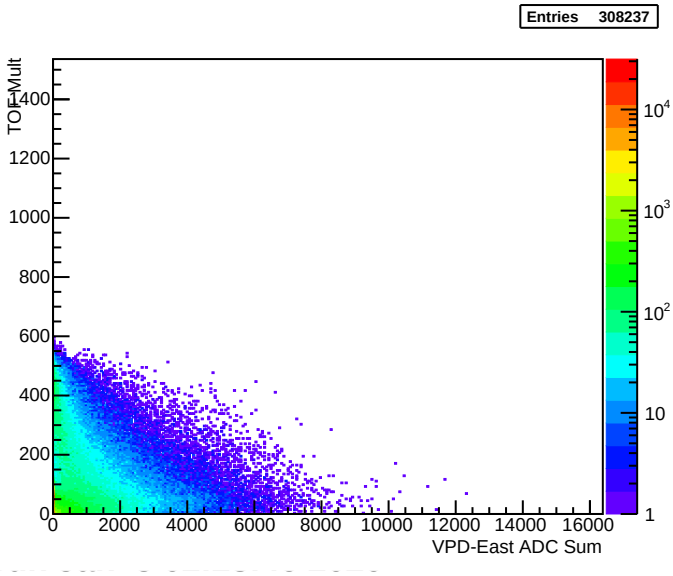

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 391165
3
163676
227486
East
West

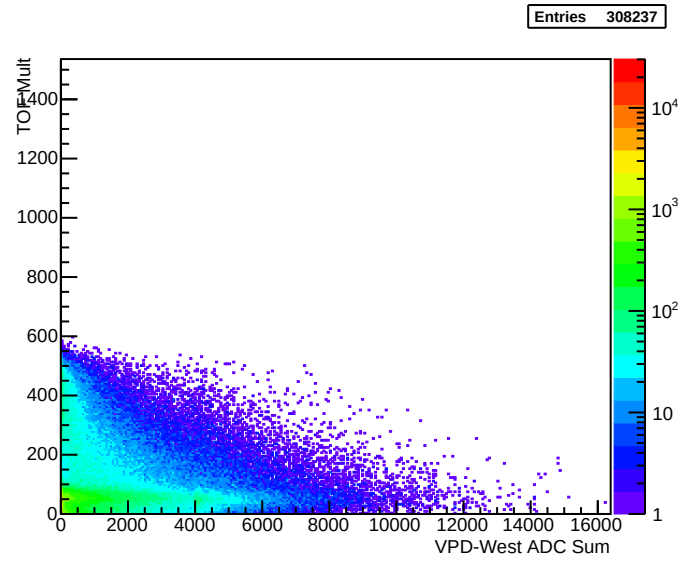

Entries 308237
TOF-Mult
BBC-S-East ADC Sum

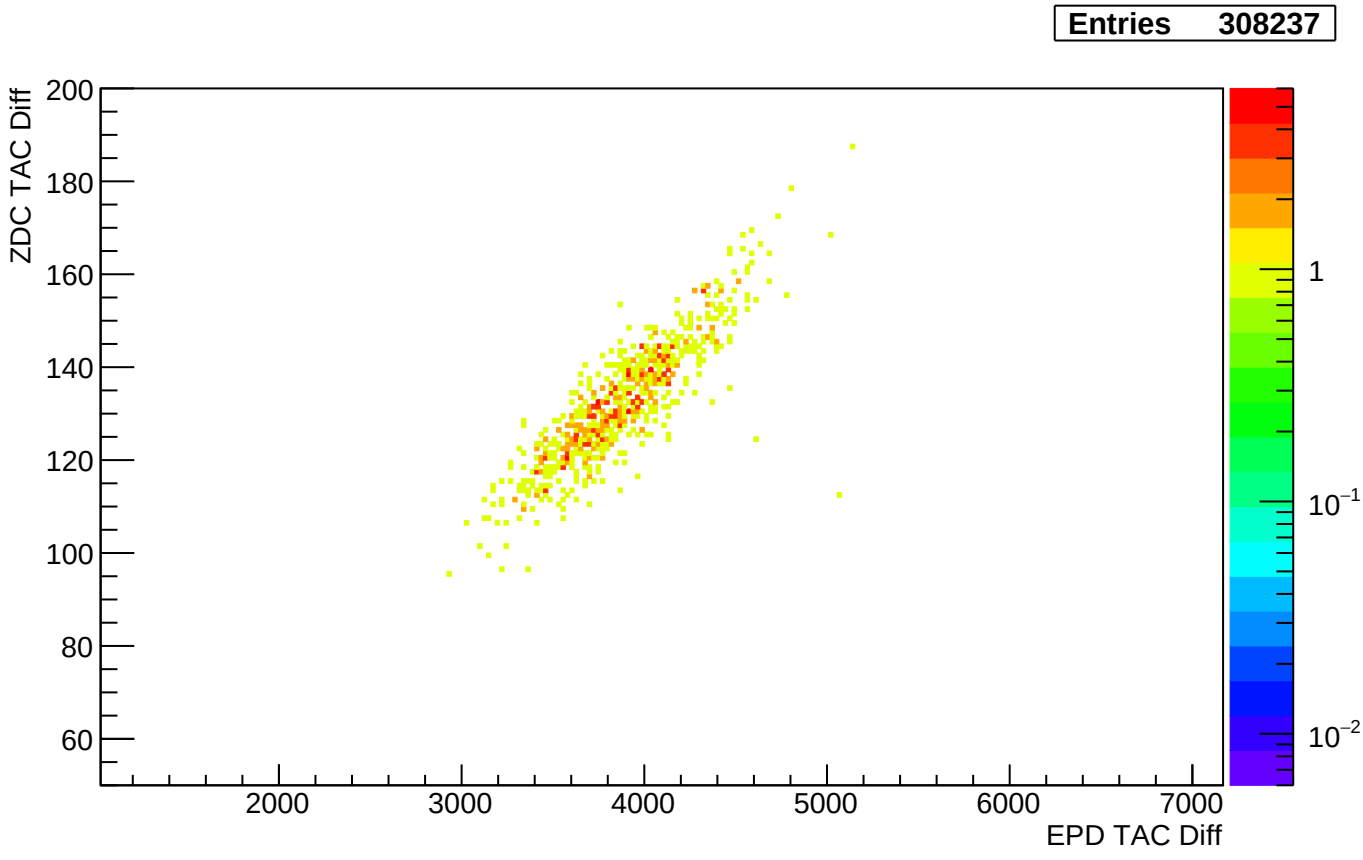

Entries 308237
TOF-Mult
BBC-S-West ADC Sum

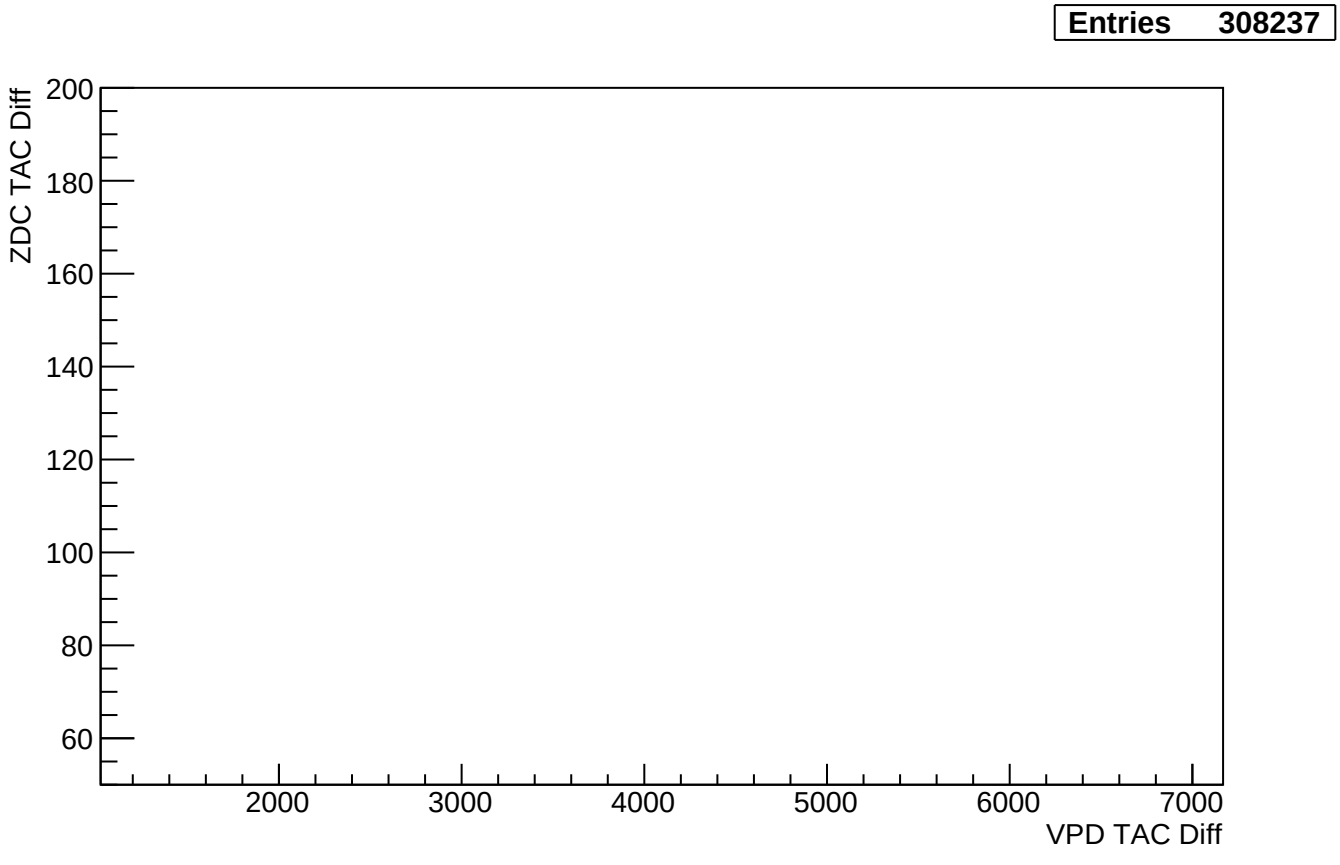

Entries 308237
TOF-Mult
EPD-East Hit Cnt

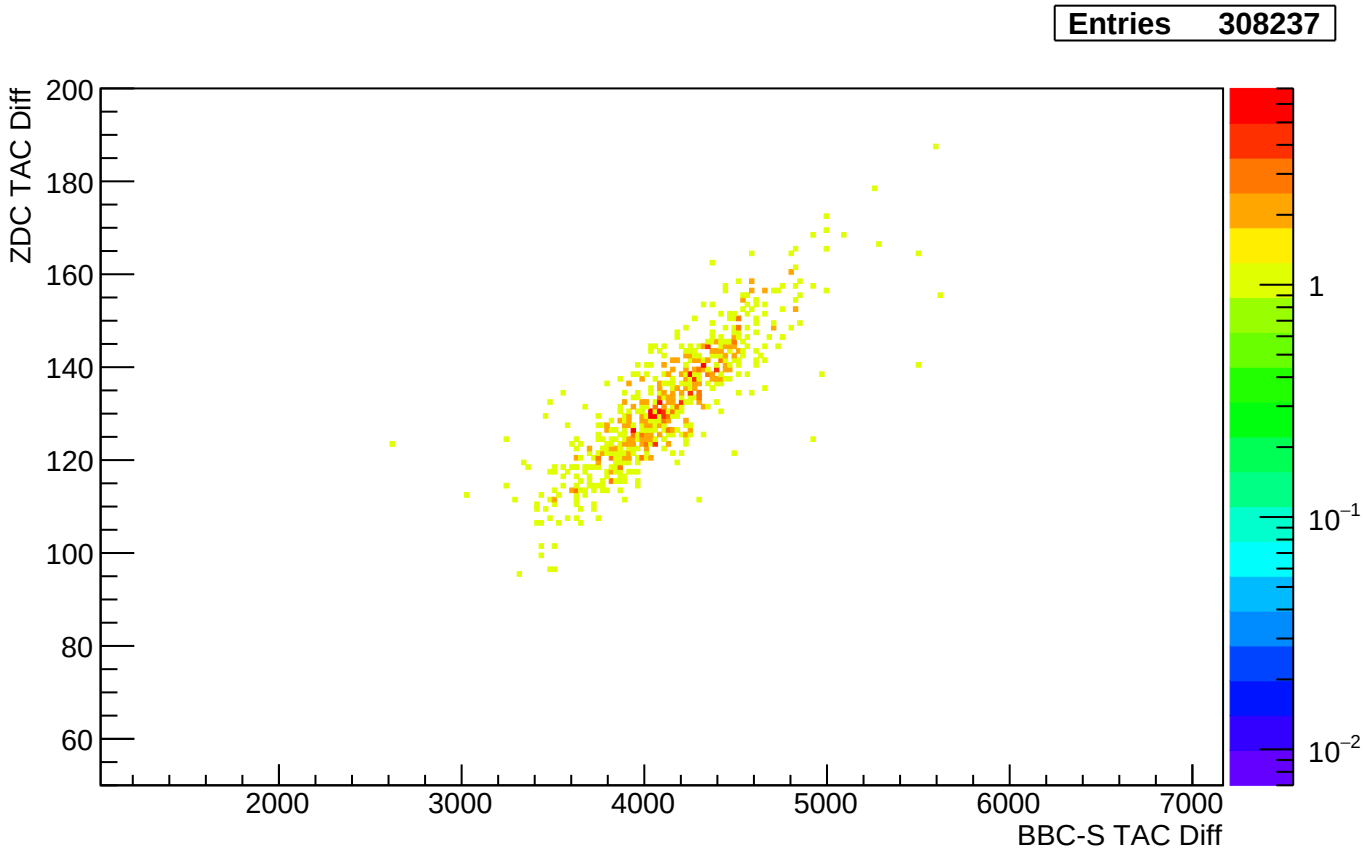

Entries 308237
TOF-Mult
EPD-West Hit Cnt

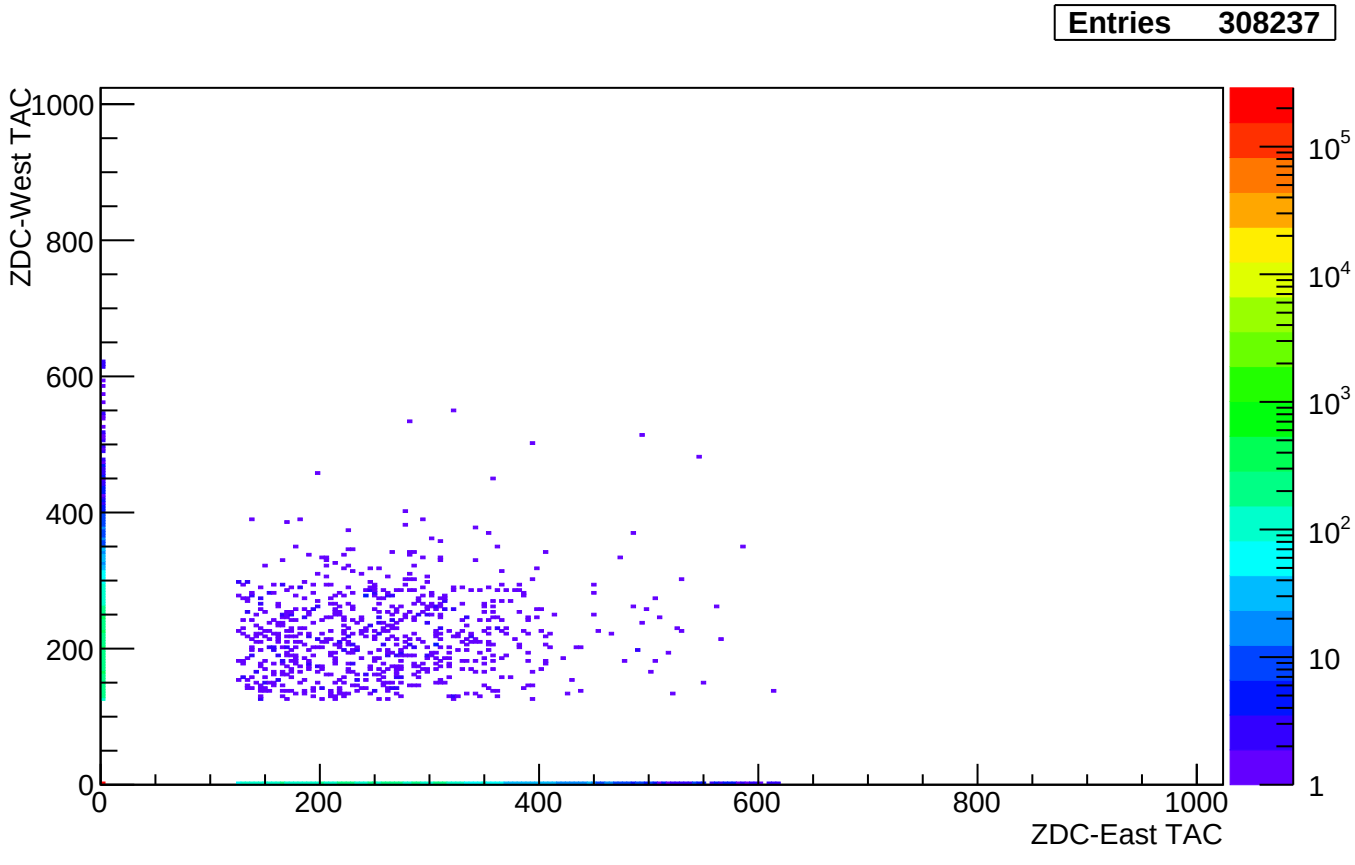

Entries 308237
TOF-Mult
VPD-East ADC Sum

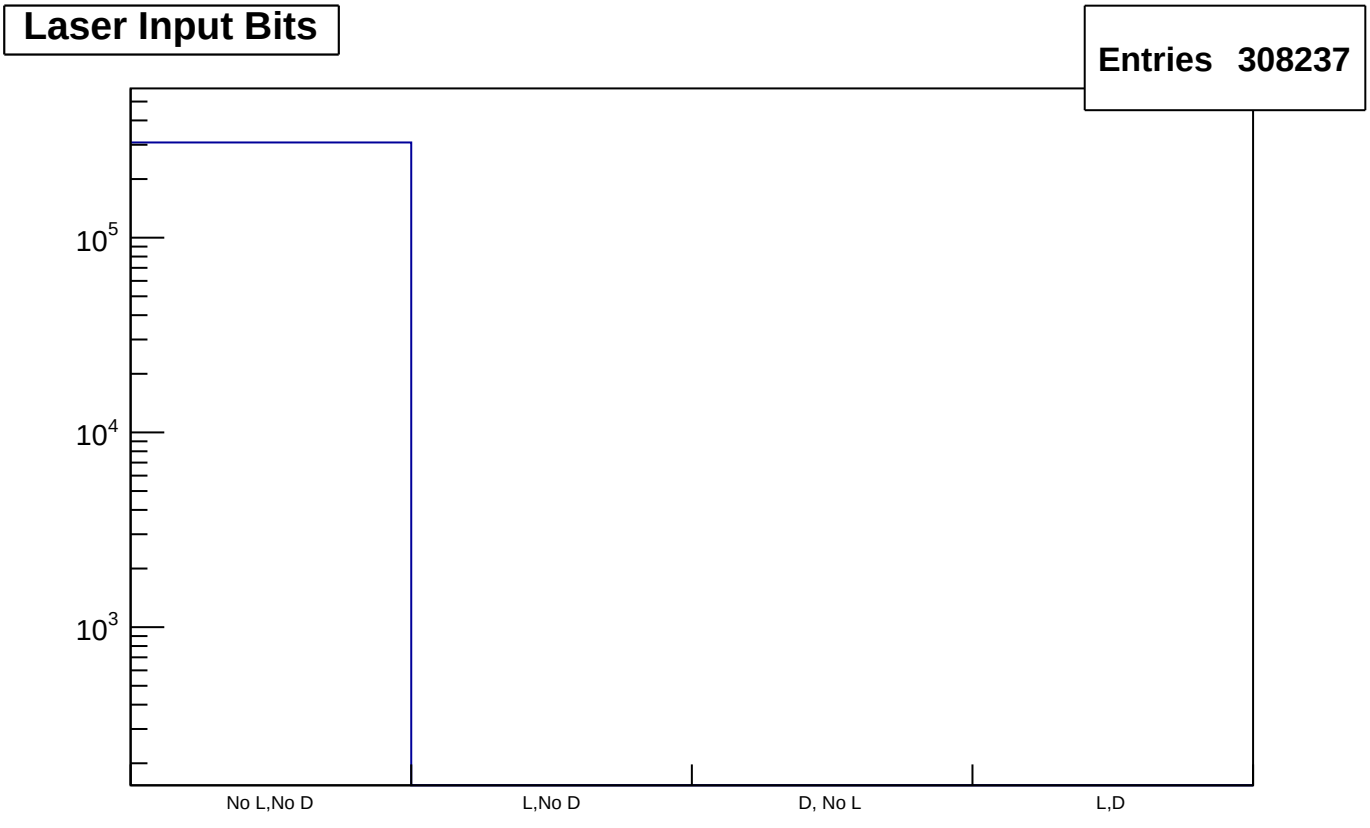

Entries 308237
TOF-Mult
VPD-West ADC Sum

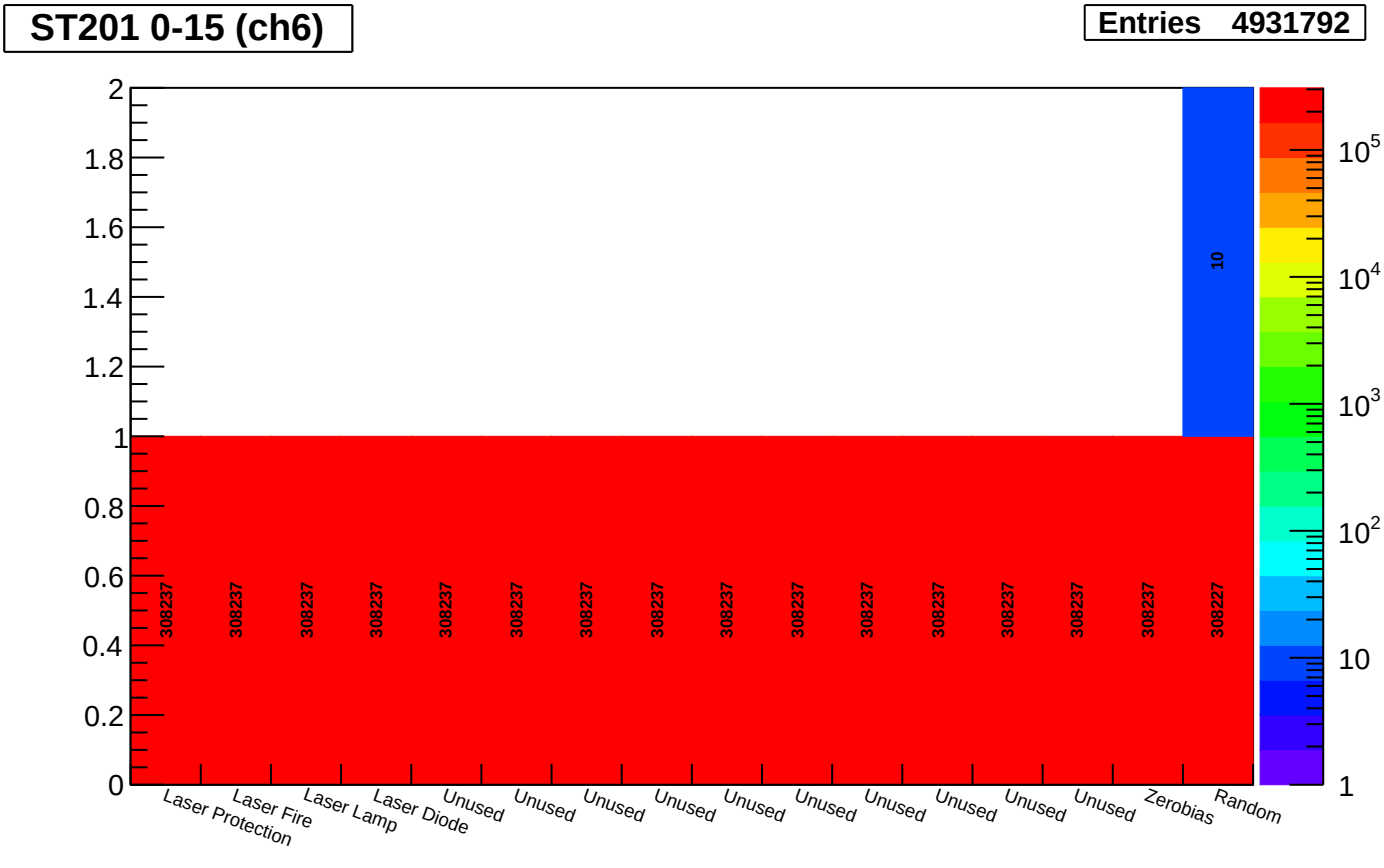

Entries 308237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

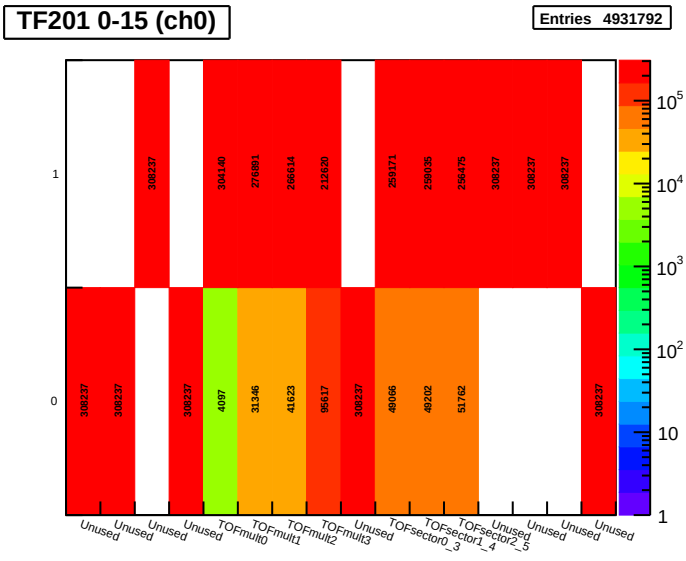

Entries 308237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

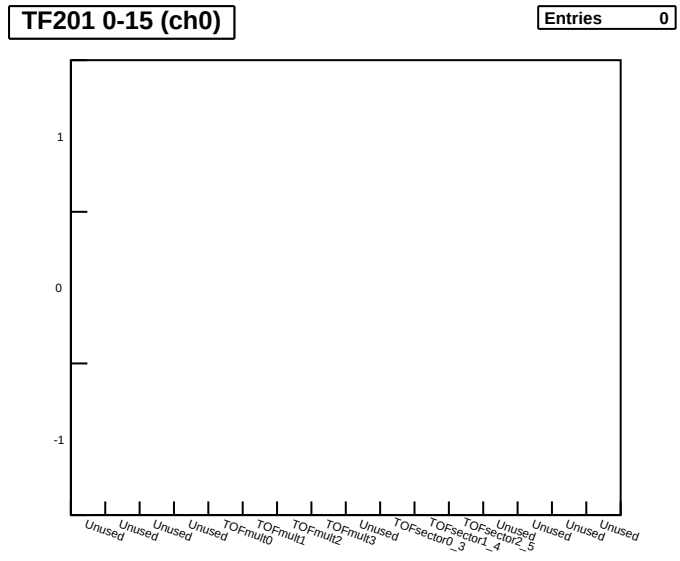

Entries 308237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

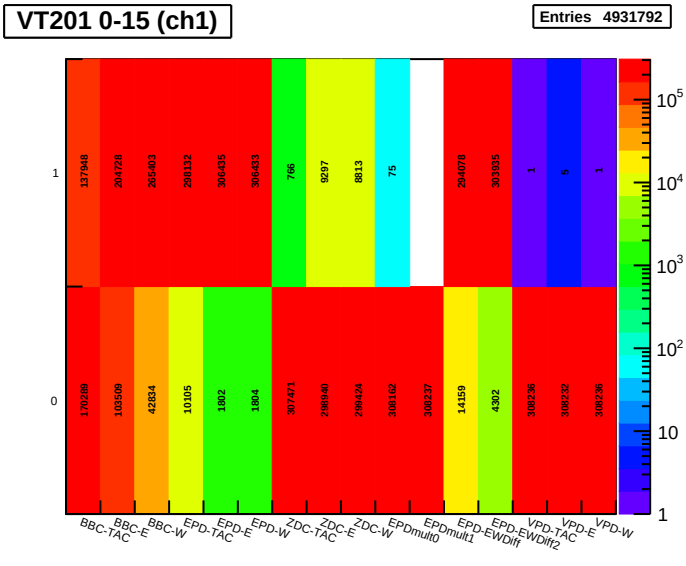

Entries 308237
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

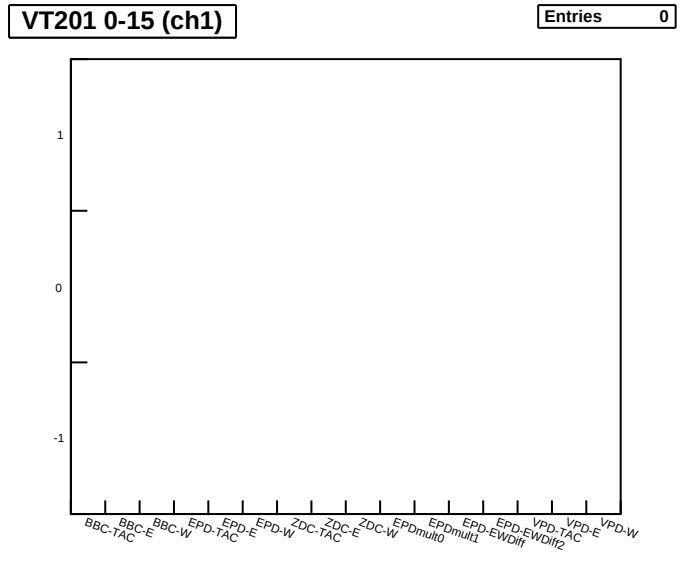

Laser Input Bits
Entries 308237
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

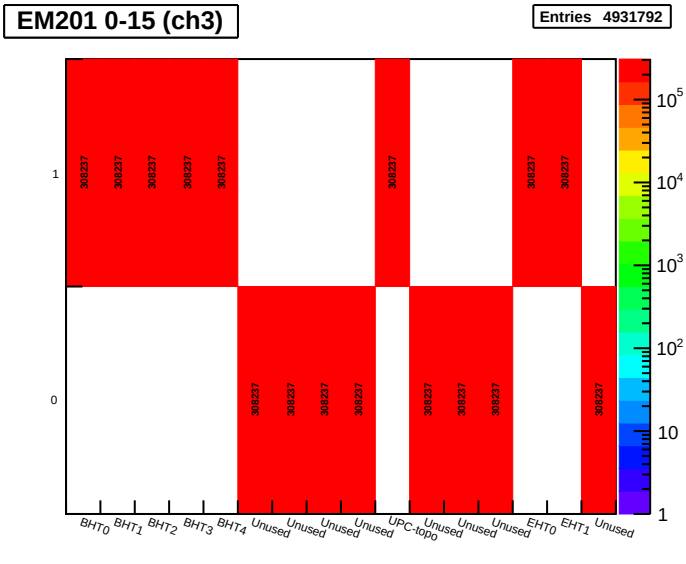

ST201 0-15 (ch6)
Entries 4931792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
308237
308227
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

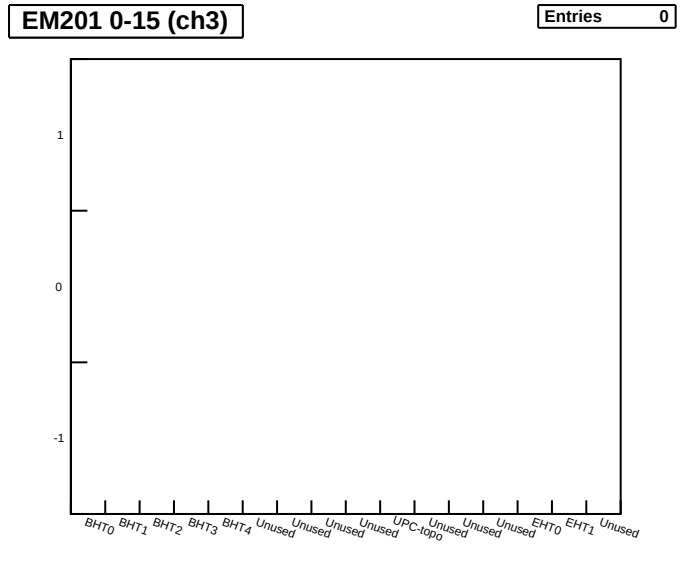

TF201 0-15 (ch0)
Entries 4931792
1
0
308237
304140
276891
266614
212620
259171
259035
256475
308237
308237
308237
308237
308237
308237
308237
308237
4097
31346
41623
95617
308237
49066
49202
51762
308237
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4931792
1
0
137948
204728
265403
298132
306435
306433
766
9297
8813
75
294078
303935
1
5
1
170289
103509
42834
10105
1802
1804
307471
298940
299424
308162
308237
14159
4302
308236
308232
308236
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 4931792
1
0
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
308237
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1