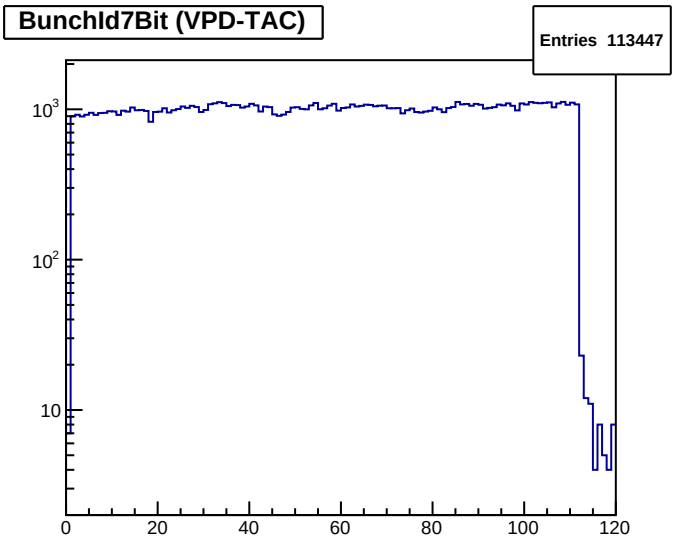
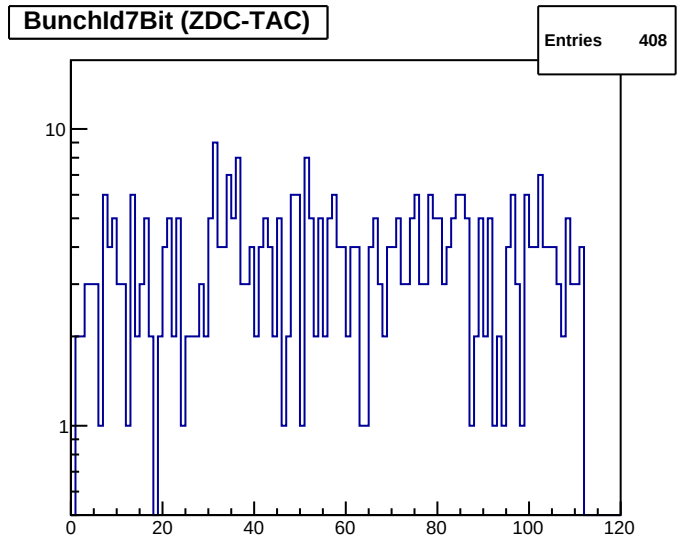
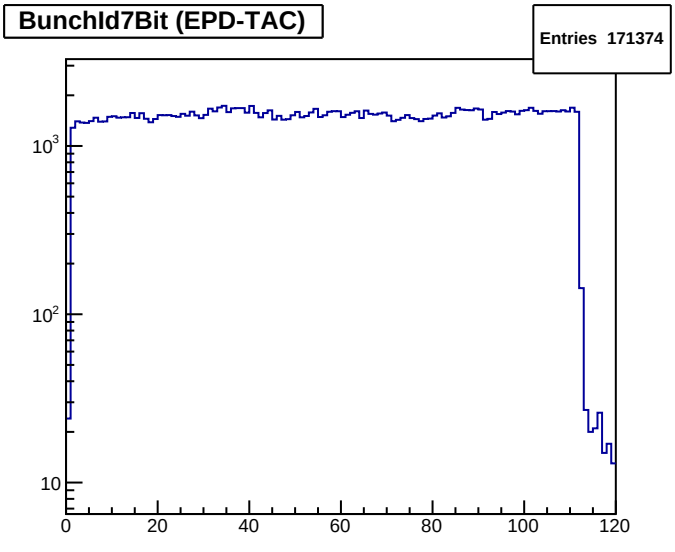
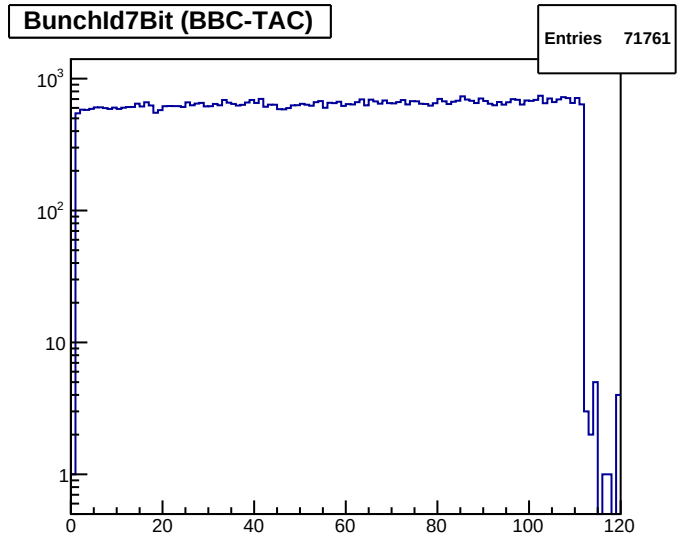
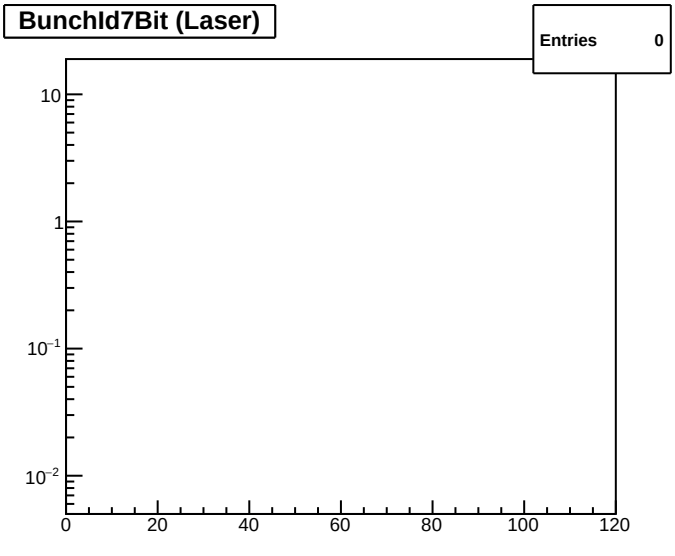
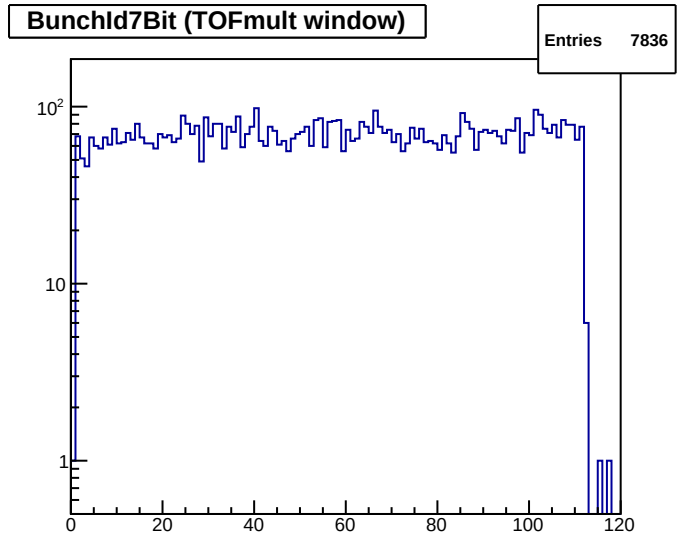

BunchId7Bit (VPD-TAC)
Entries 113447

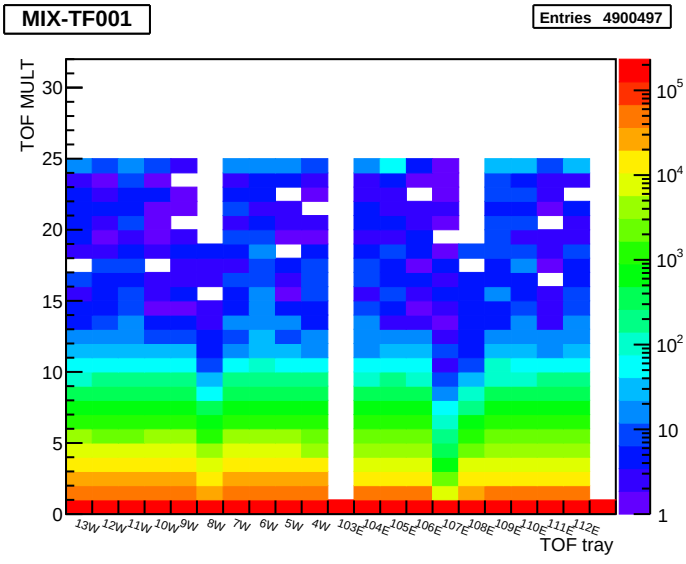

BunchId7Bit (ZDC-TAC)
Entries 408

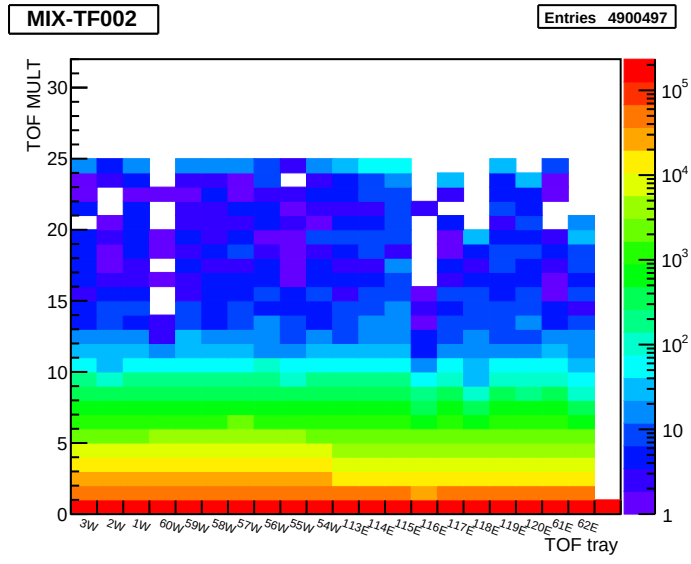

BunchId7Bit (EPD-TAC)
Entries 171374

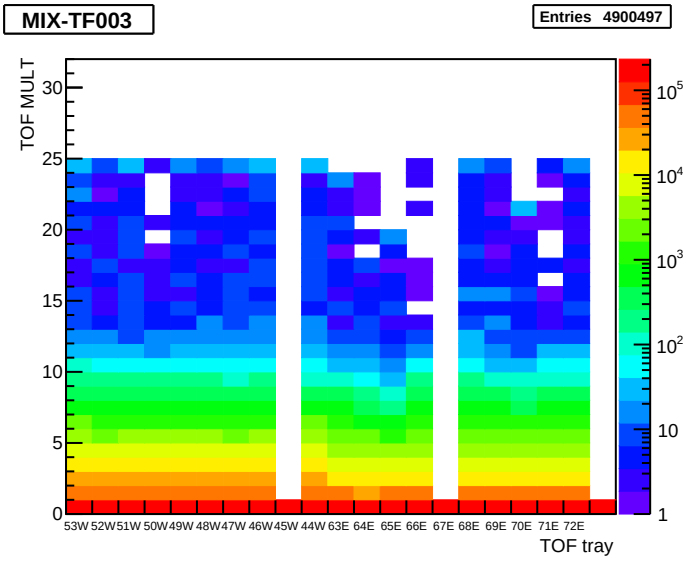

BunchId7Bit (BBC-TAC)
Entries 71761

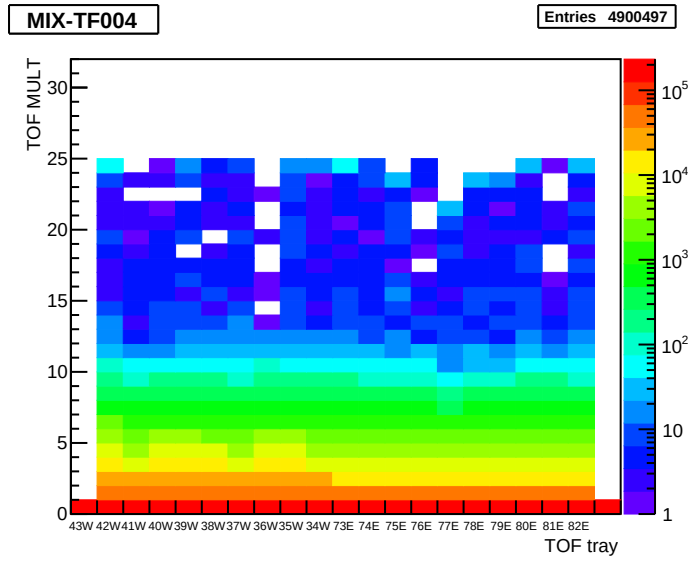

BunchId7Bit (Laser)
Entries 0

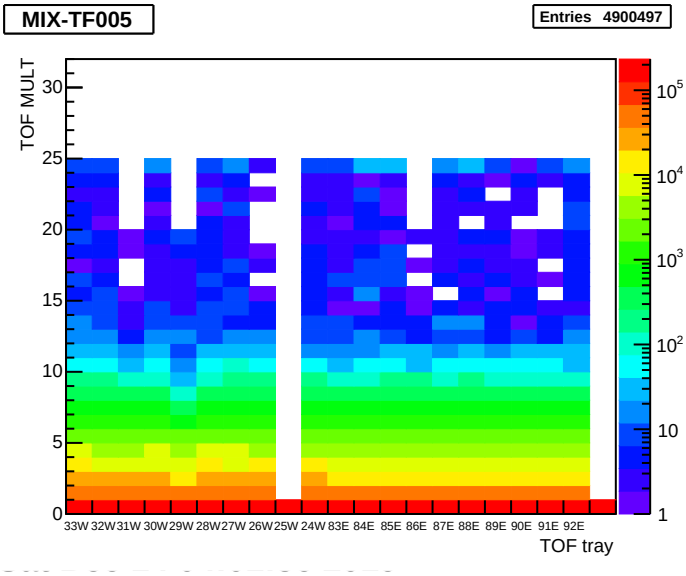

BunchId7Bit (TOFmult window)
Entries 7836

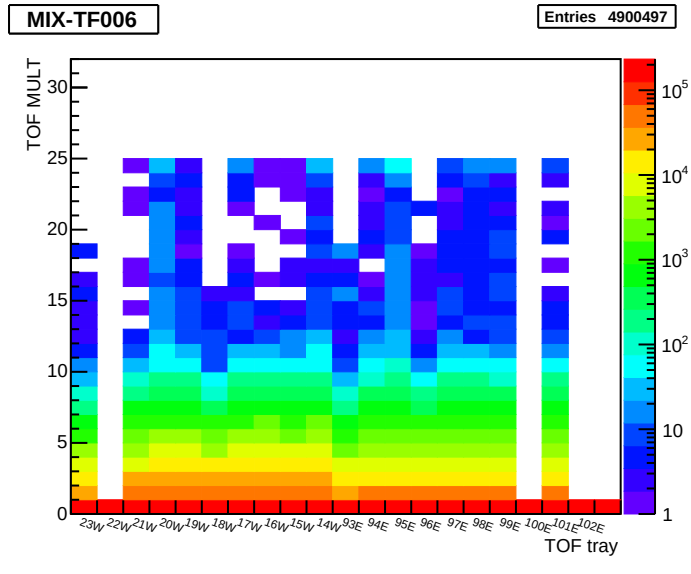

MIX-TF001
Entries 4900497
TOF MULT
TOF tray

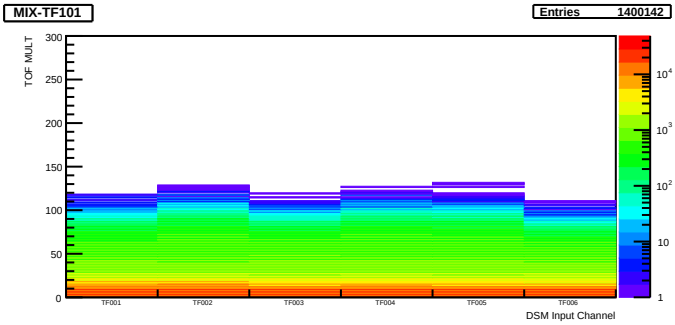

MIX-TF002
Entries 4900497
TOF MULT
TOF tray

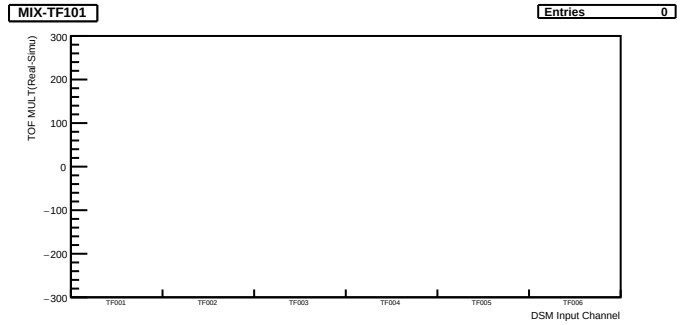

MIX-TF003
Entries 4900497
TOF MULT
TOF tray

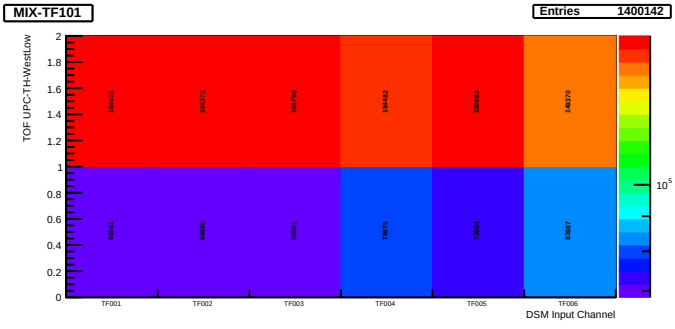

MIX-TF004
Entries 4900497
TOF MULT
TOF tray

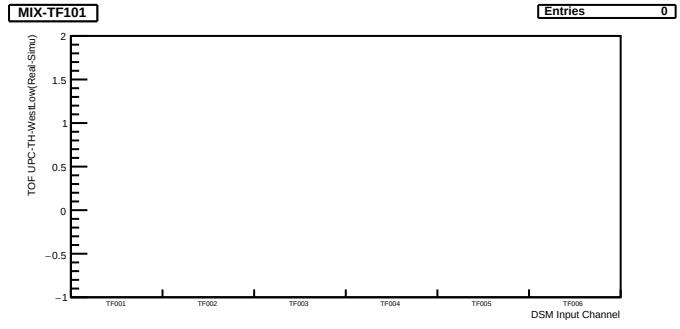

MIX-TF005
Entries 4900497
TOF MULT
TOF tray

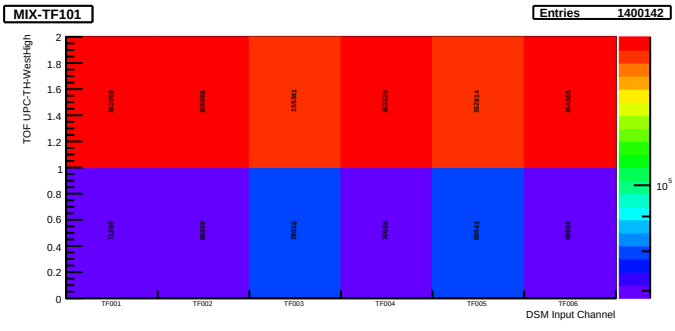

MIX-TF006
Entries 4900497
TOF MULT
TOF tray

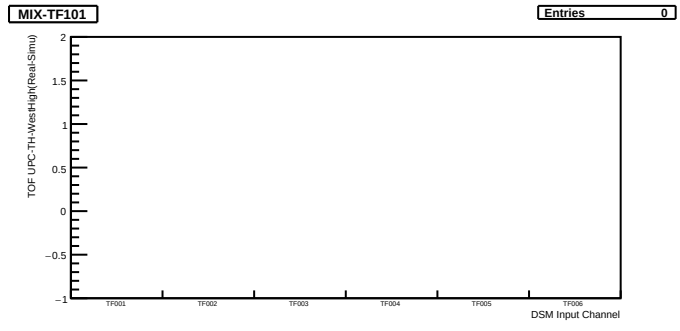

MIX-TF101
Entries 1400142
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

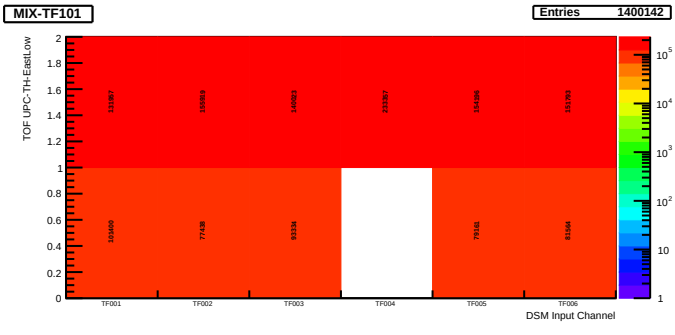

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

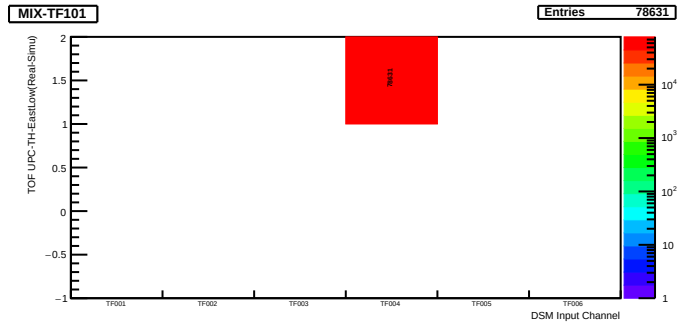

MIX-TF101
Entries 1400142
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

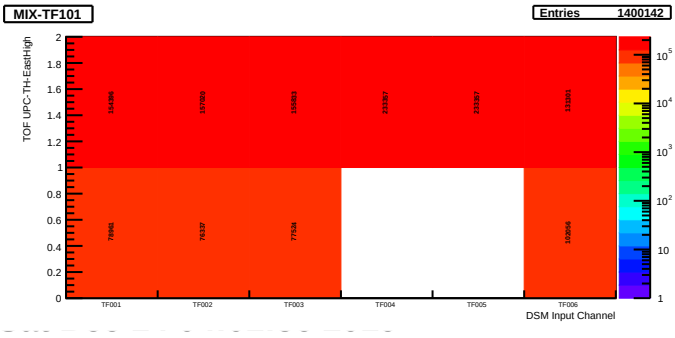

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

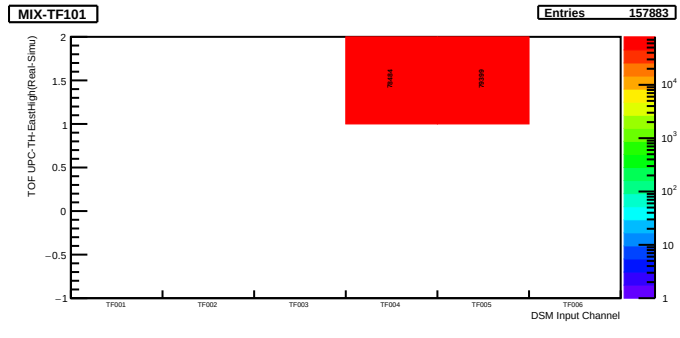

MIX-TF101
Entries 1400142
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

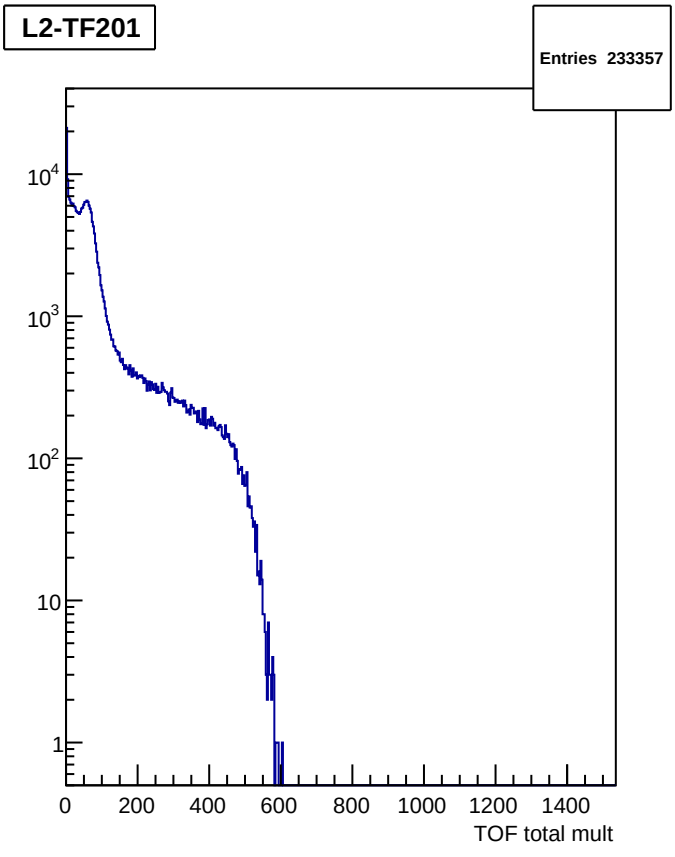

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

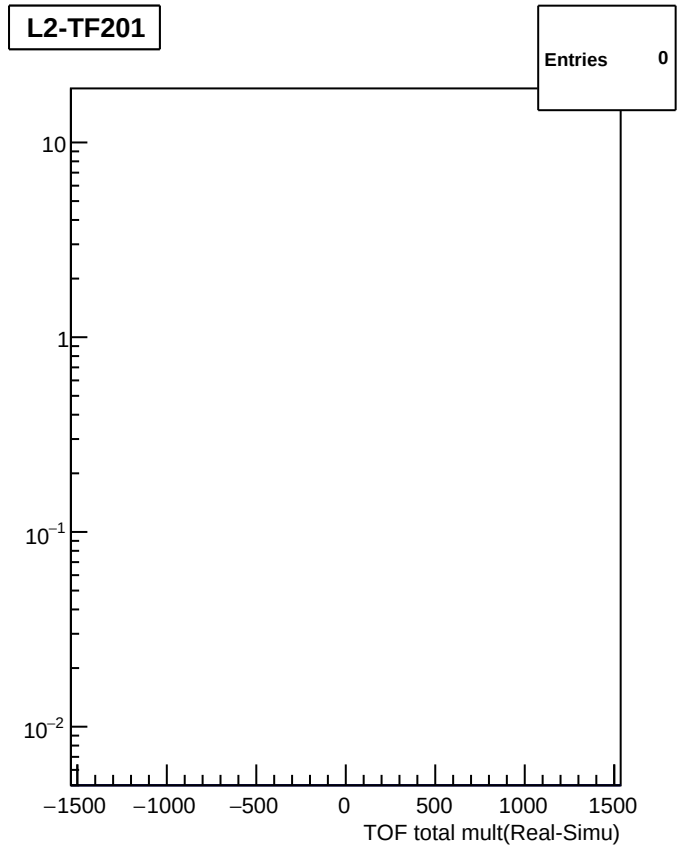

MIX-TF101
Entries 1400142
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

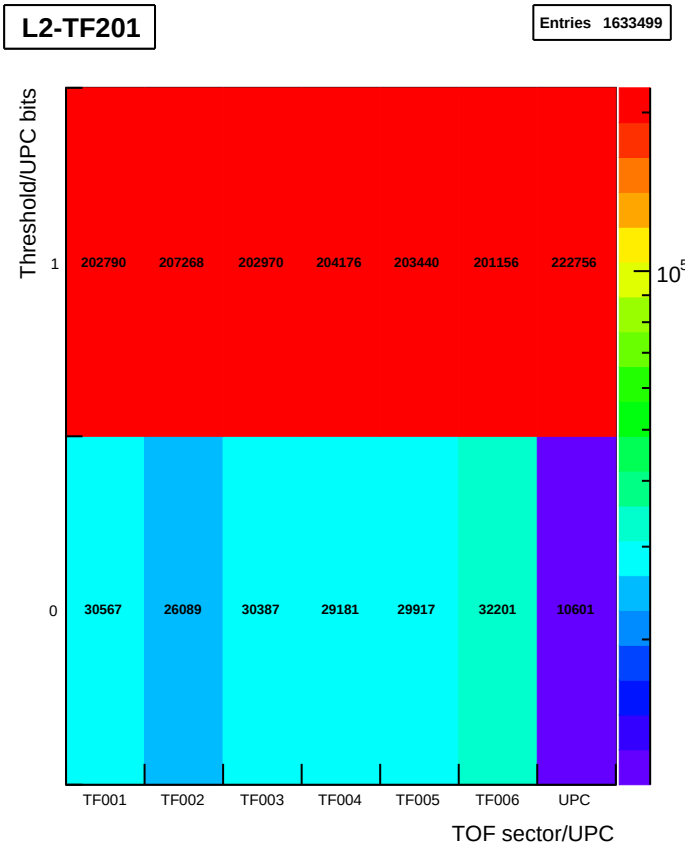

MIX-TF101
Entries 78631
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

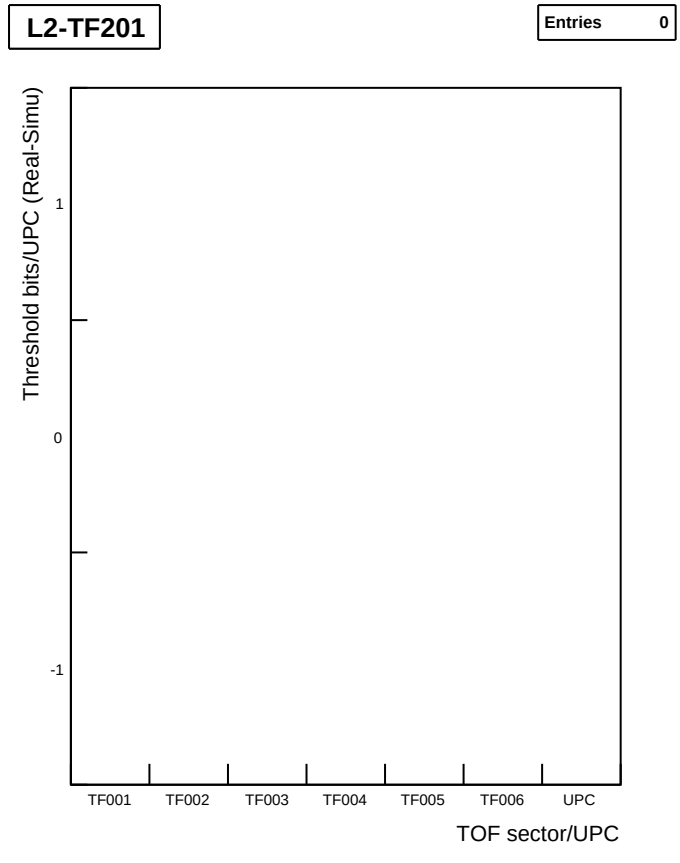

MIX-TF101
Entries 1400142
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

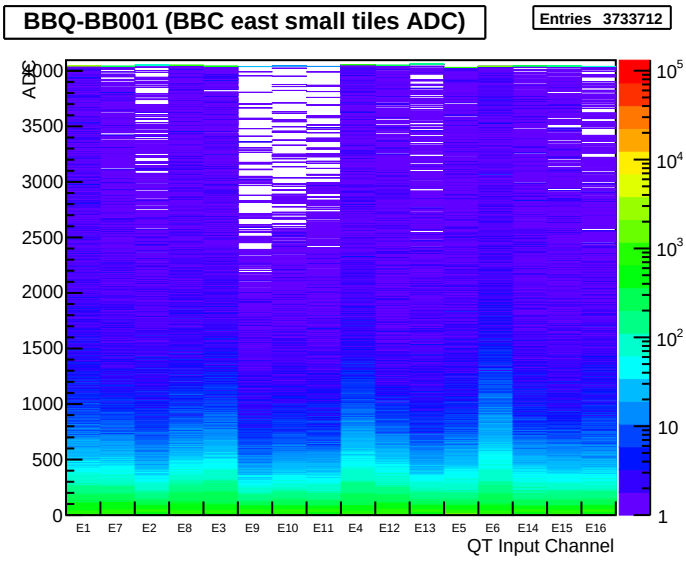

MIX-TF101
Entries 157883
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

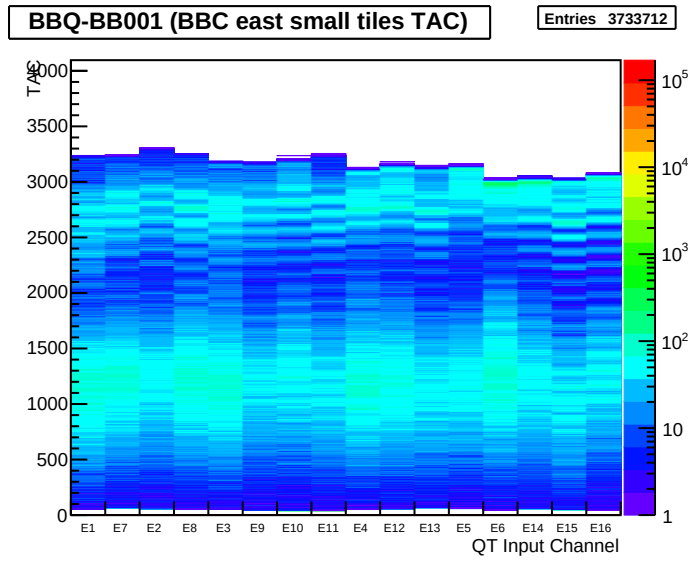

L2-TF201
Entries 233357
TOF total mult

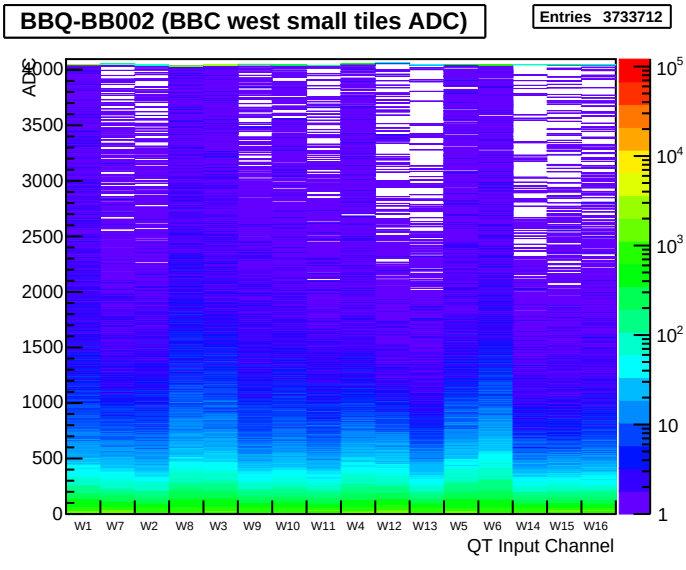

L2-TF201
Entries 0
TOF total mult(Real-Simu)

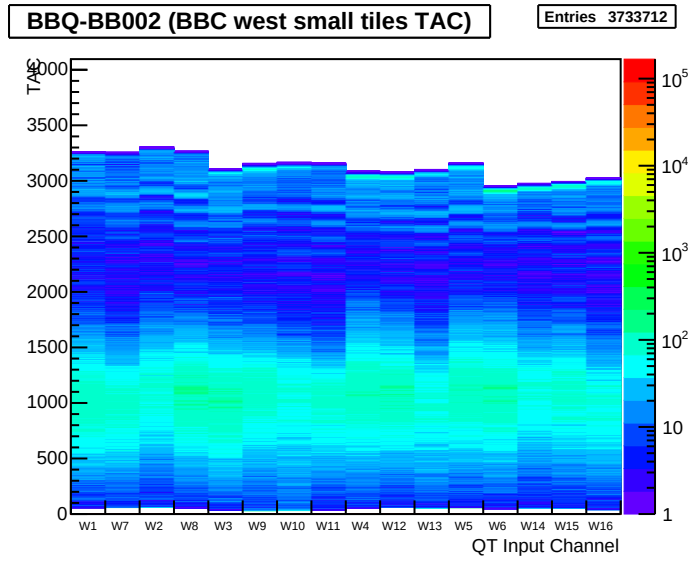

L2-TF201
Entries 1633499
Threshold/UPC bits
202790
207268
202970
204176
203440
201156
222756
30567
26089
30387
29181
29917
32201
10601
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

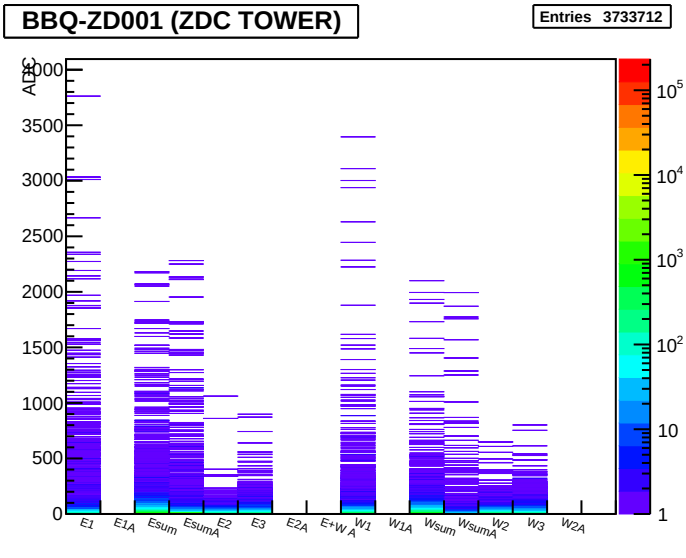

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

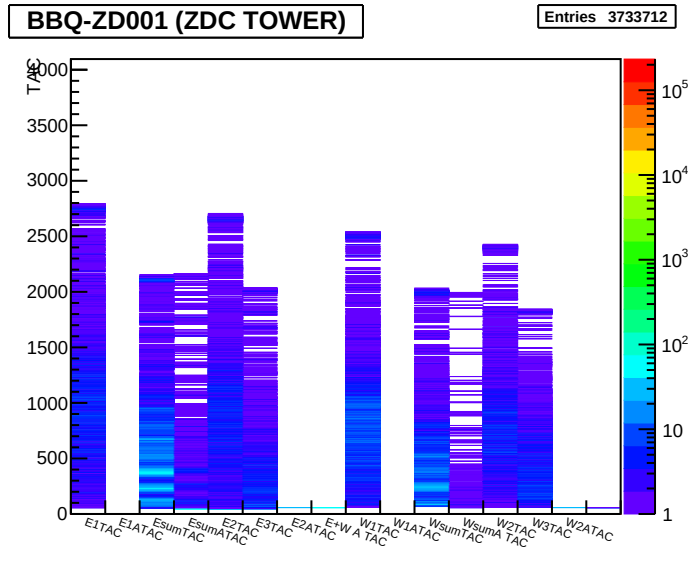

BBQ-BB001 (BBC east small tiles ADC)
Entries 3733712
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

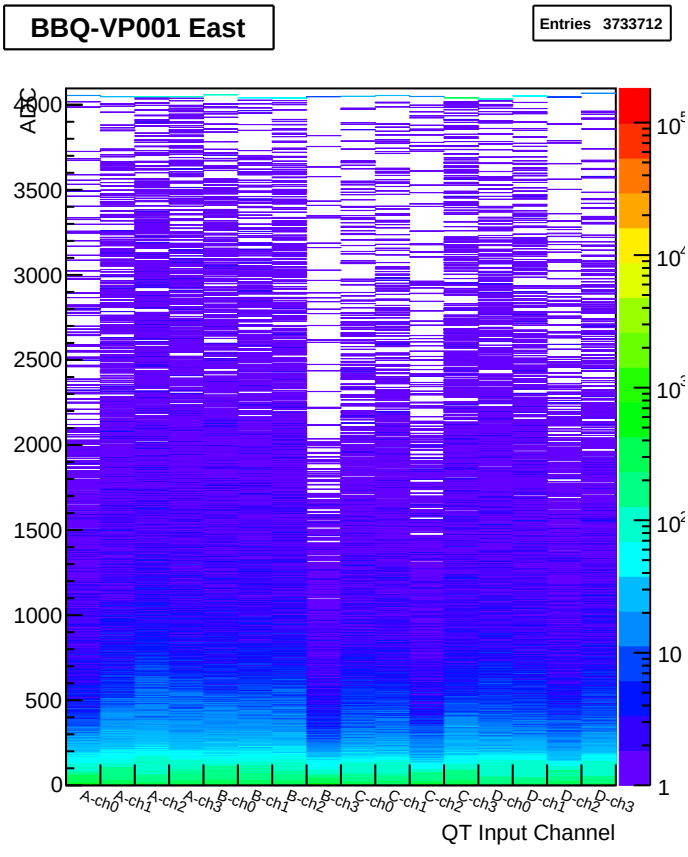

BBQ-BB001 (BBC east small tiles TAC)
Entries 3733712
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

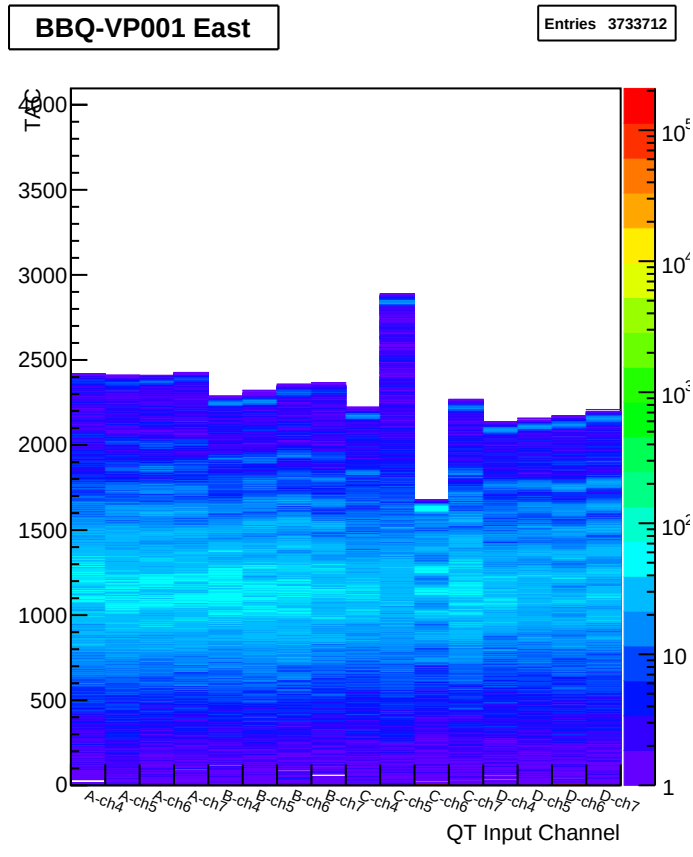

BBQ-BB002 (BBC west small tiles ADC)
Entries 3733712
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

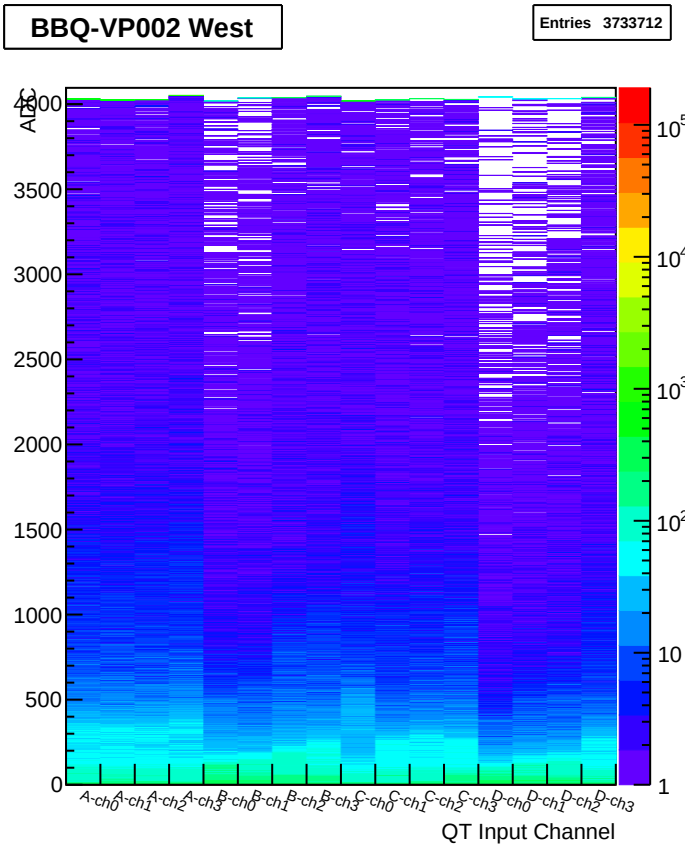

BBQ-BB002 (BBC west small tiles TAC)
Entries 3733712
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

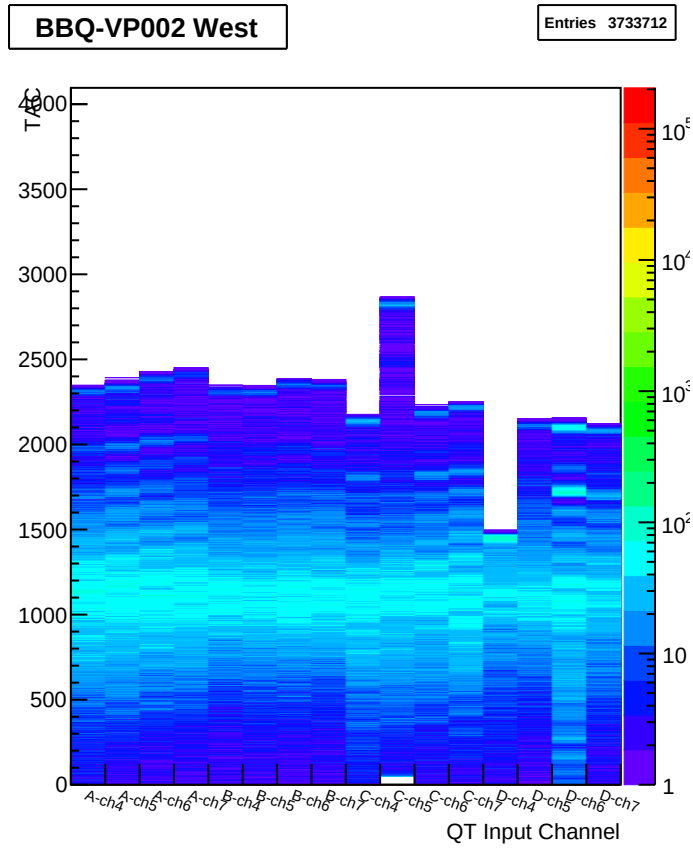

BBQ-ZD001 (ZDC TOWER)
Entries 3733712
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

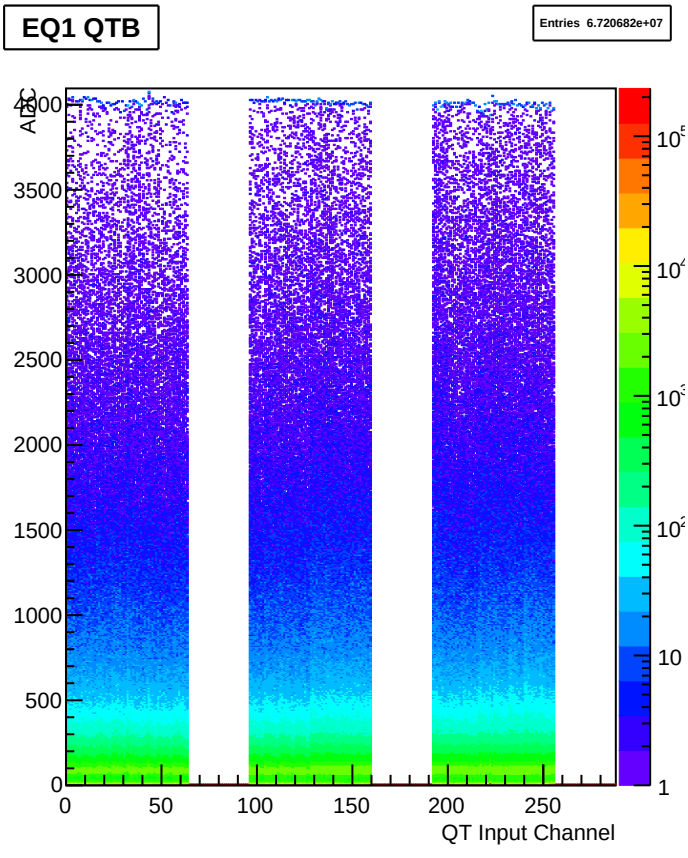

BBQ-ZD001 (ZDC TOWER)
Entries 3733712
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

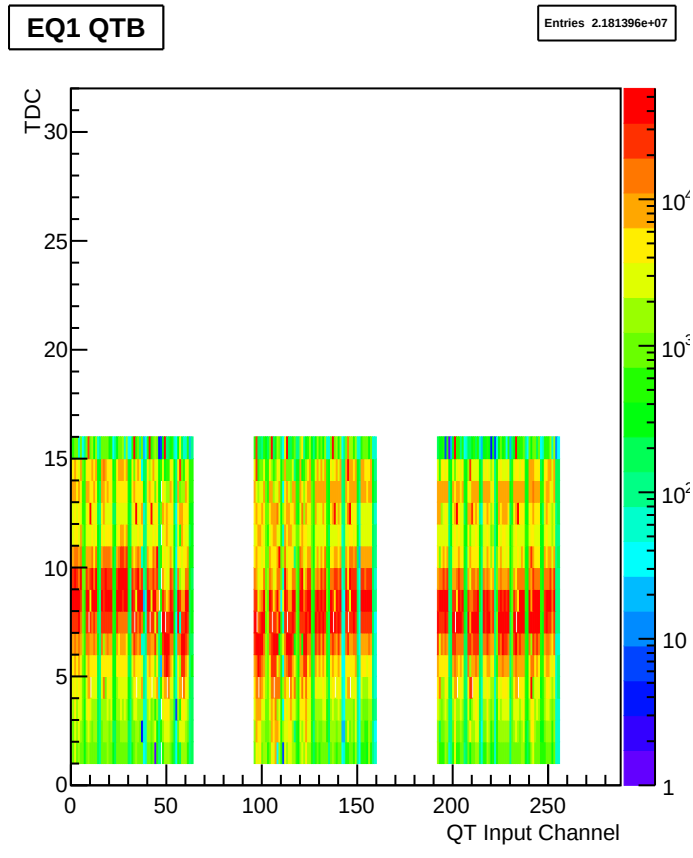

BBQ-VP001 East
Entries 3733712
ADC
QT Input Channel

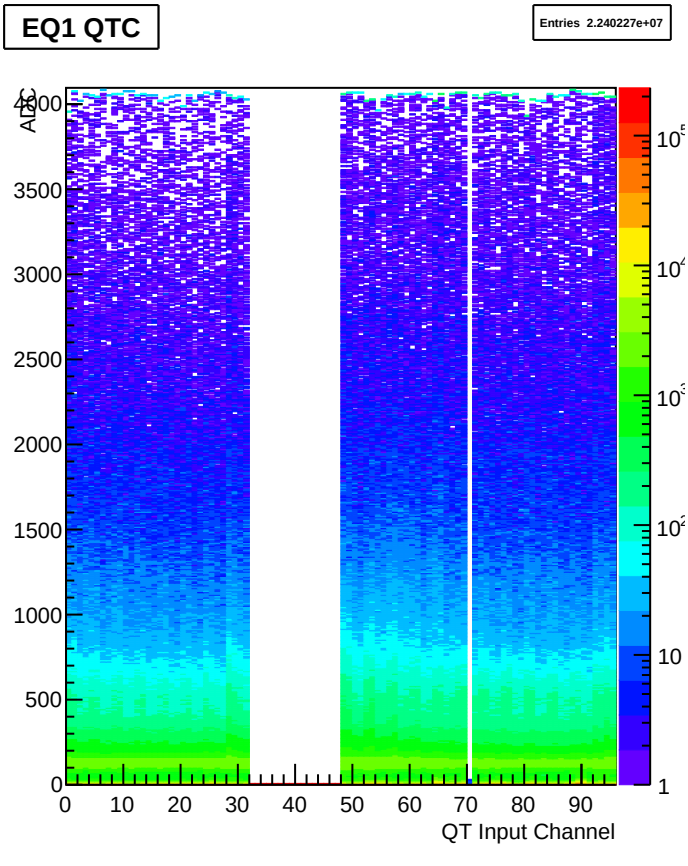

BBQ-VP001 East
Entries 3733712
ADC
QT Input Channel

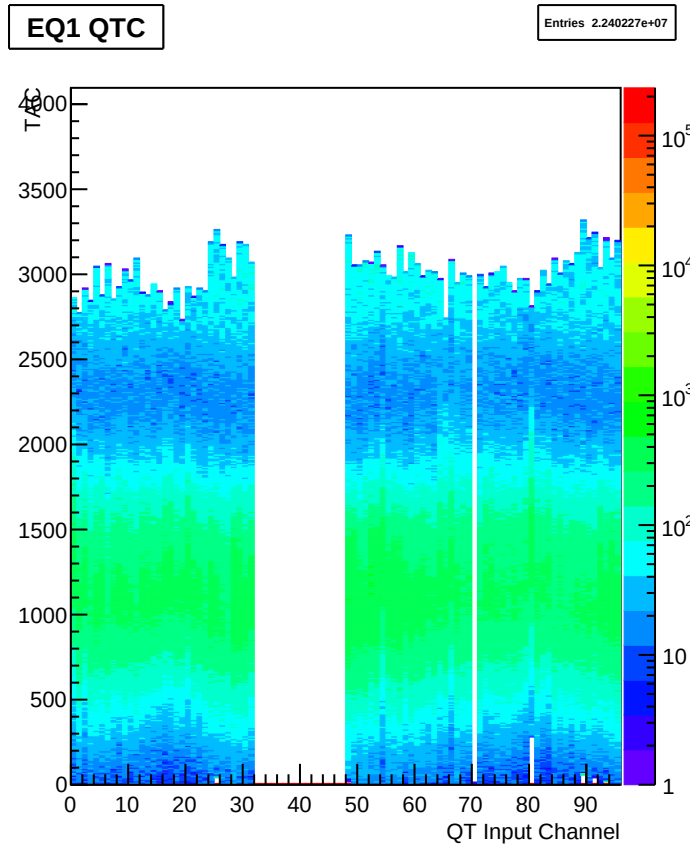

BBQ-VP002 West
Entries 3733712
ADC
QT Input Channel

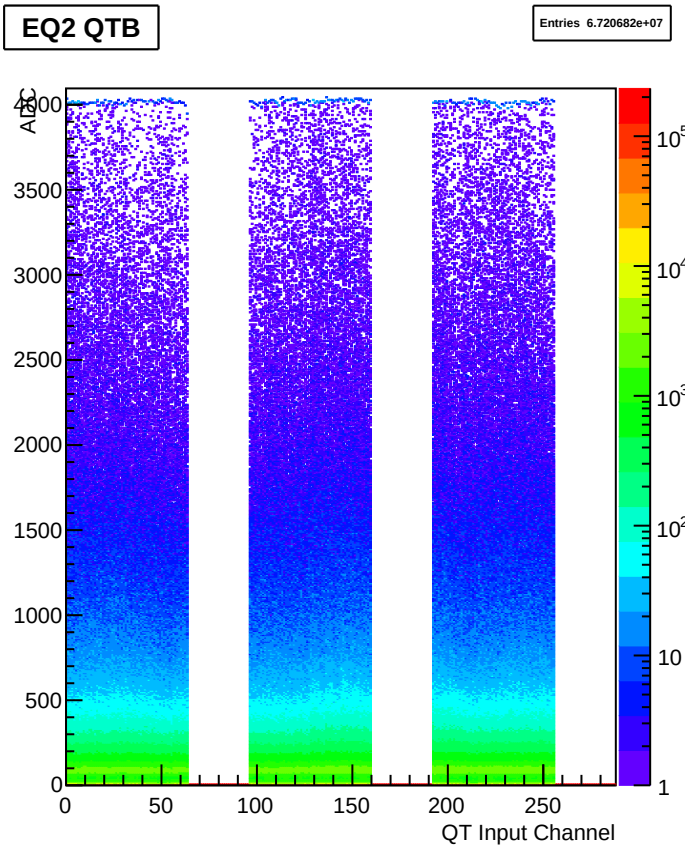

BBQ-VP002 West
Entries 3733712
ADC
QT Input Channel

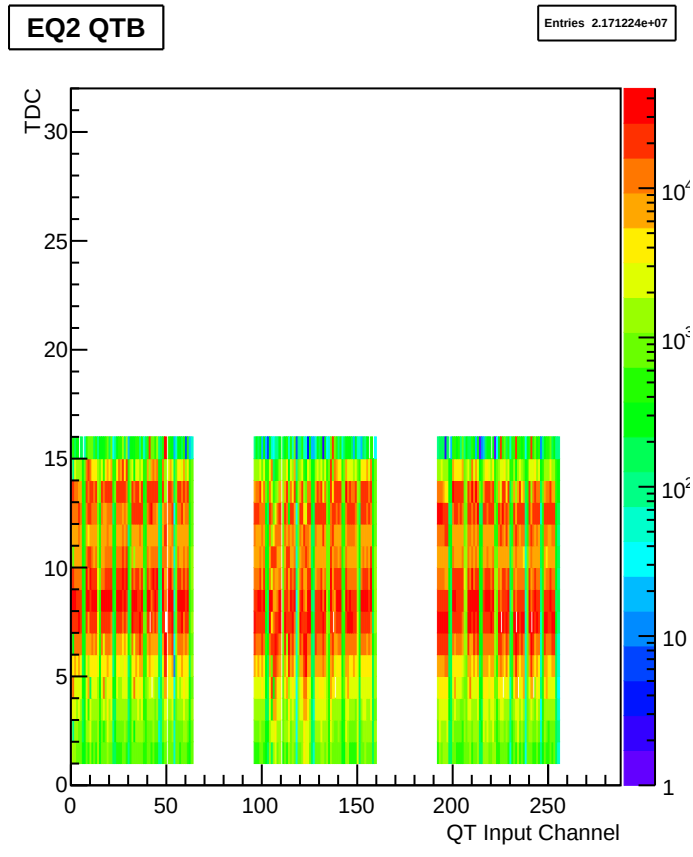

EQ1 QTB
Entries 6.720682e+07
ADC
QT Input Channel

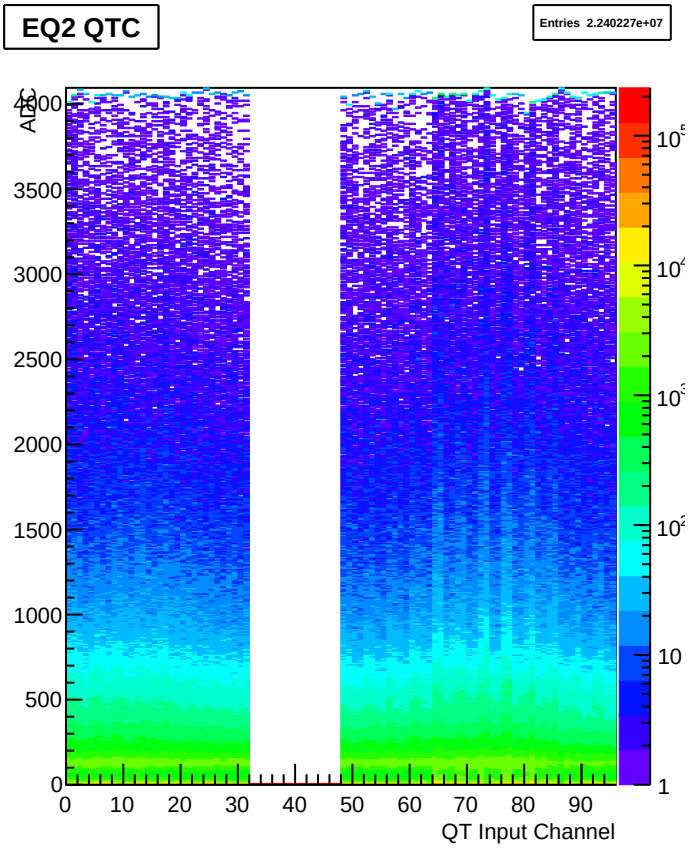

EQ1 QTB
Entries 2.181396e+07
TDC
QT Input Channel

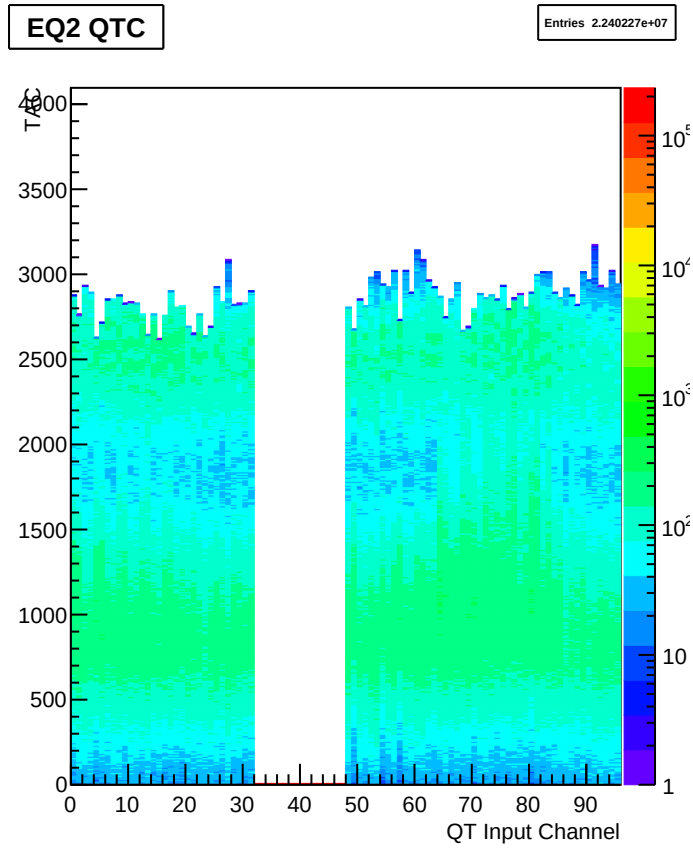

EQ1 QTC
Entries 2.240227e+07
ADC
QT Input Channel

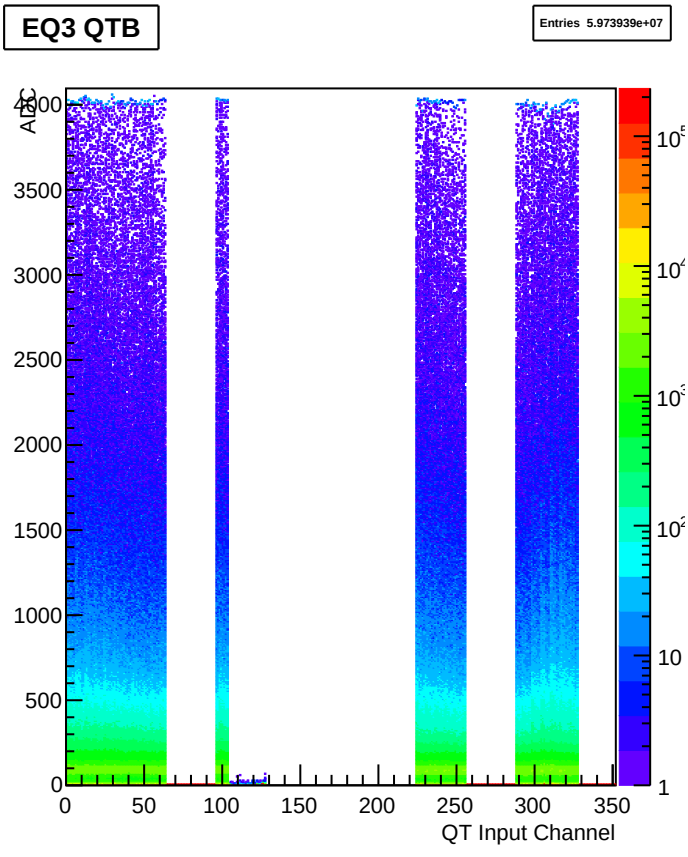

EQ1 QTC
Entries 2.240227e+07
TADC
QT Input Channel

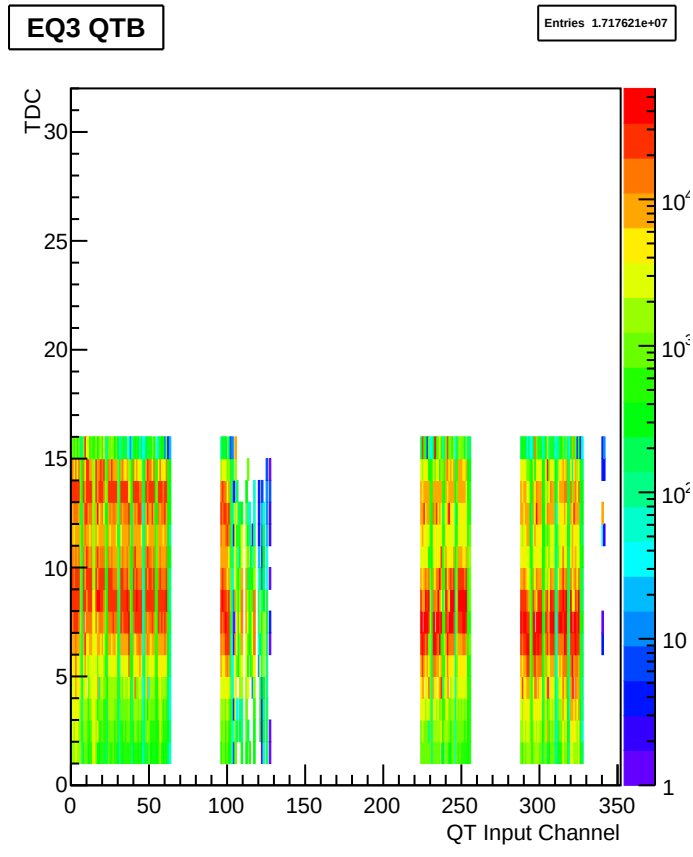

EQ2 QTB
Entries 6.720682e+07
ADC
QT Input Channel

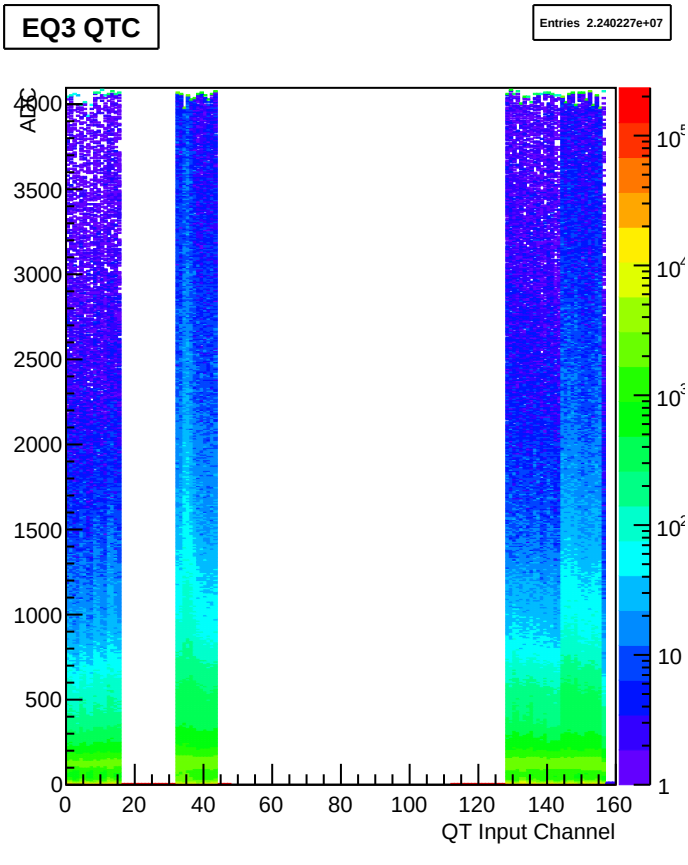

EQ2 QTB
Entries 2.171224e+07
TDC
QT Input Channel

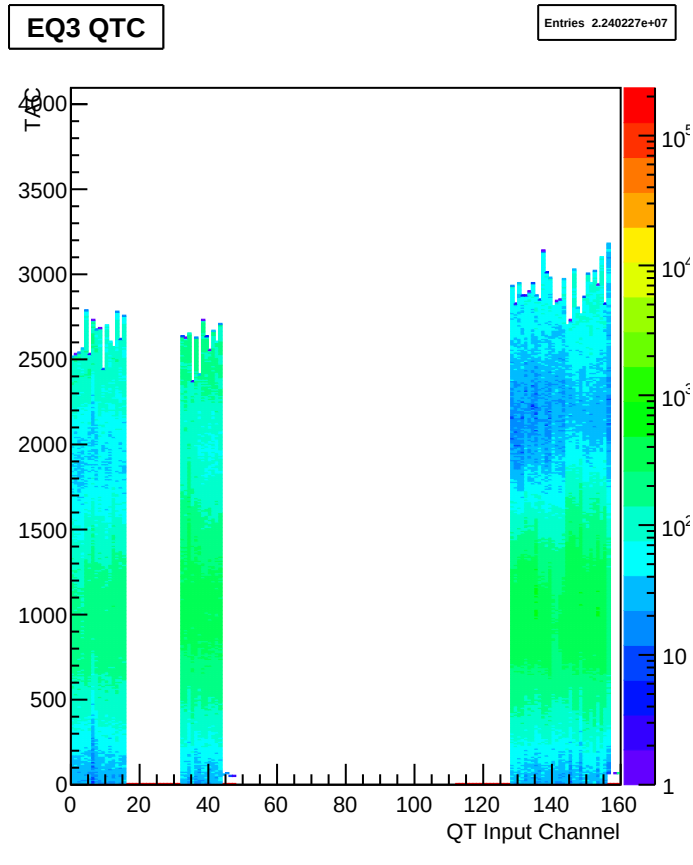

EQ2 QTC
Entries 2.240227e+07
ADC
QT Input Channel

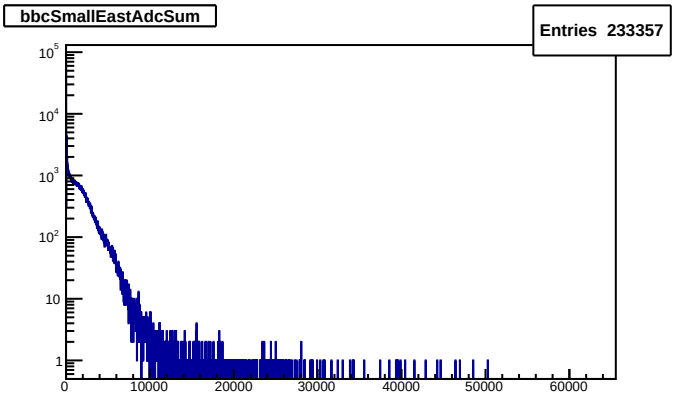

EQ2 QTC
Entries 2.240227e+07
TADC
QT Input Channel

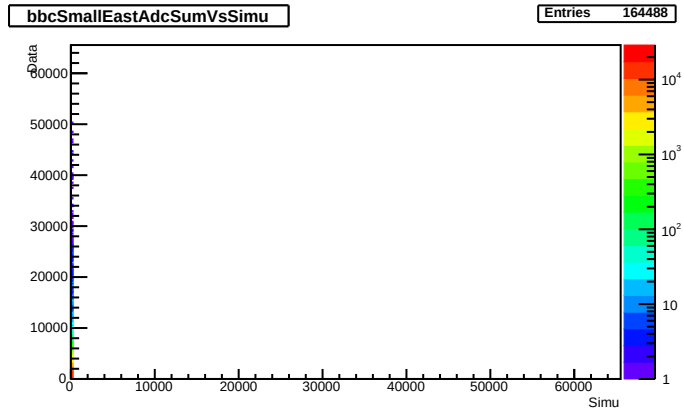

EQ3 QTB
Entries 5.973939e+07
ADC
QT Input Channel

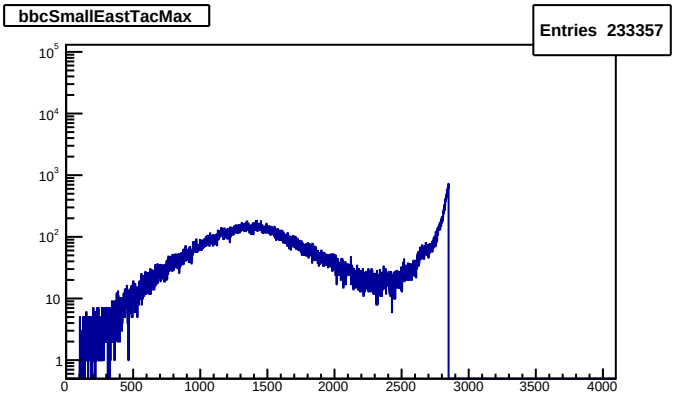

EQ3 QTB
Entries 1.717621e+07
TDC
QT Input Channel

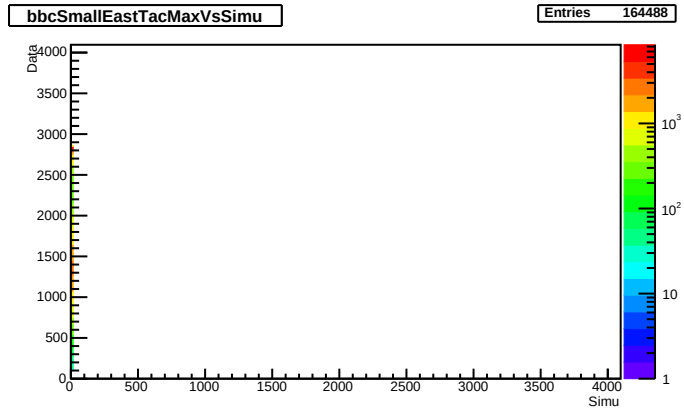

EQ3 QTC
Entries 2.240227e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.240227e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 233357


bbcSmallEastAdcSumVsSimu
Entries 164488
Data
Simu


bbcSmallEastTacMax
Entries 233357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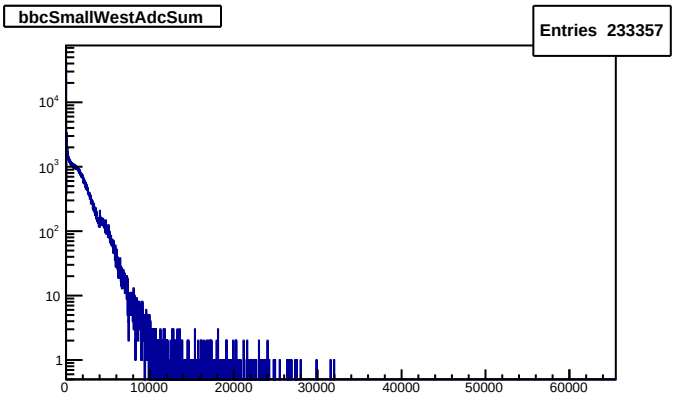
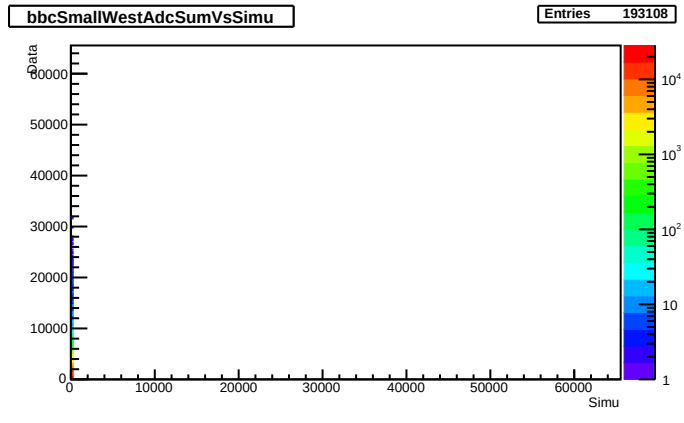
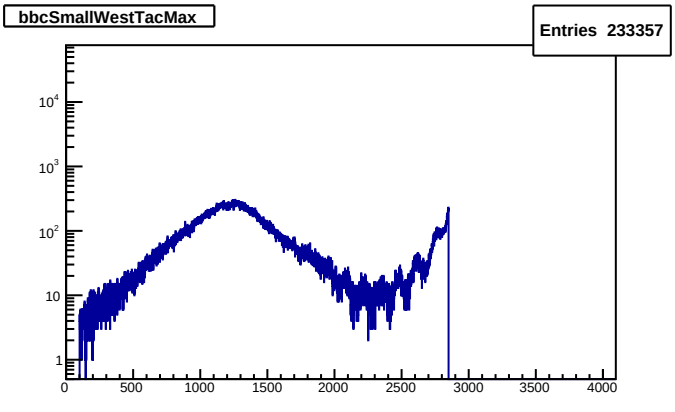
Entries 164488
Data
Simu


bbcSmallWestAdcSum
Entries 233357


bbcSmallWestAdcSumVsSimu
Entries 193108
Data
Simu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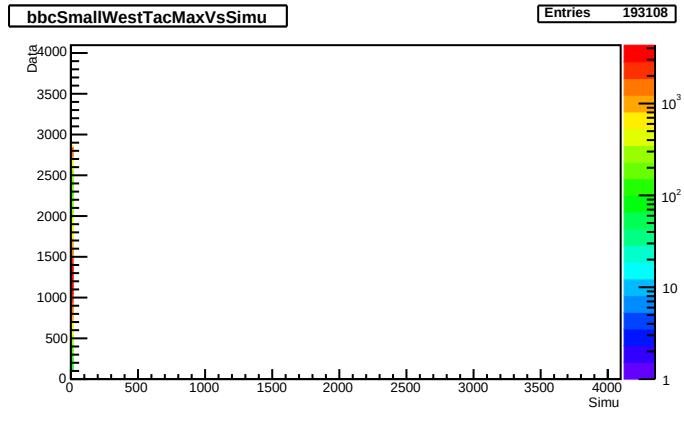
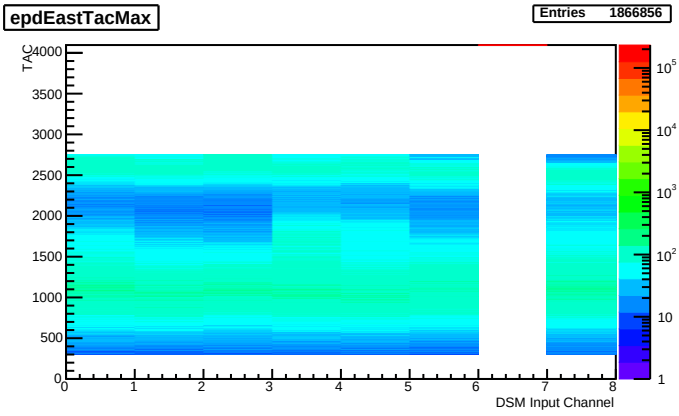
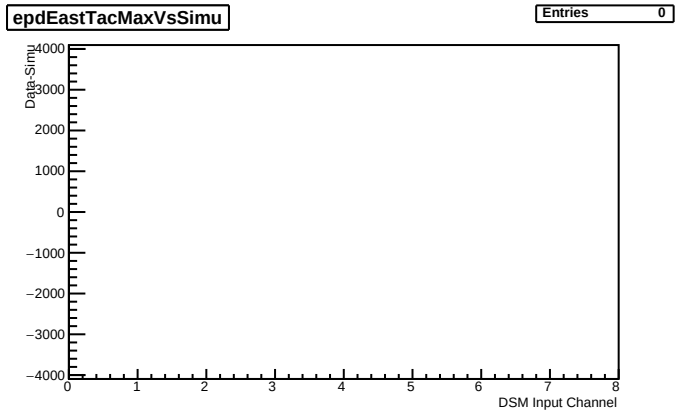
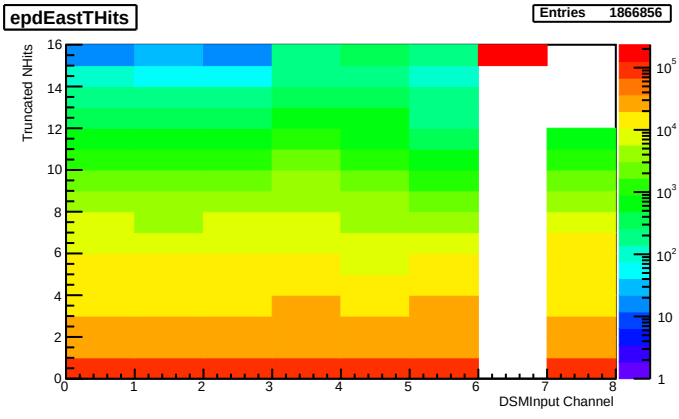
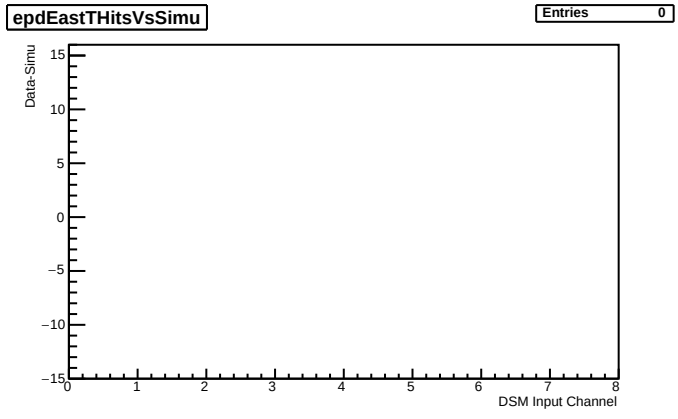
Entries 233357

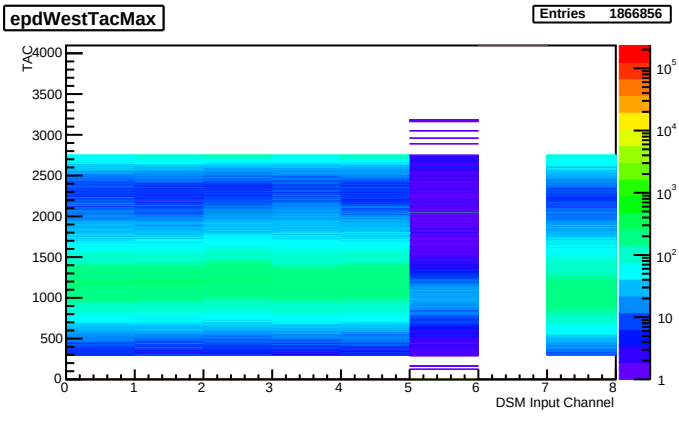

bbcSmallWestTacMaxVsSimu
Entries 193108
Data
Simu

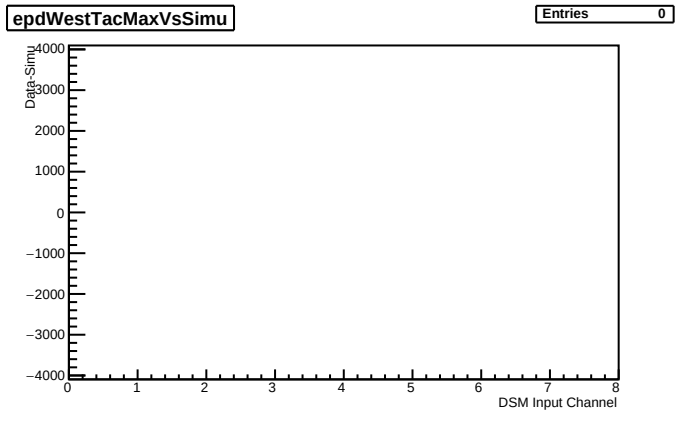

epdEastTacMax
Entries 1866856
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1866856
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1866856
TAC
DSM Input Channel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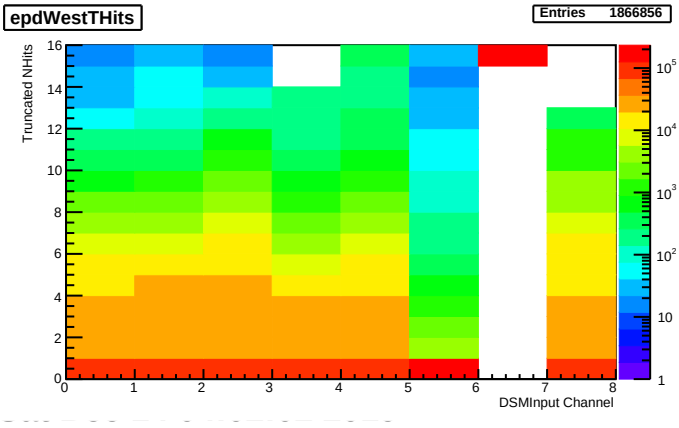
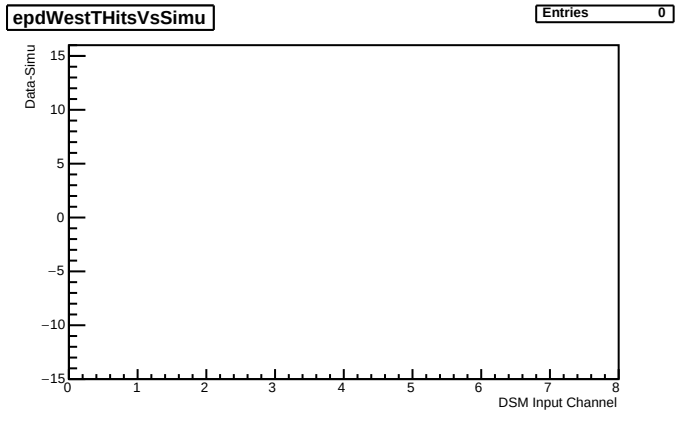
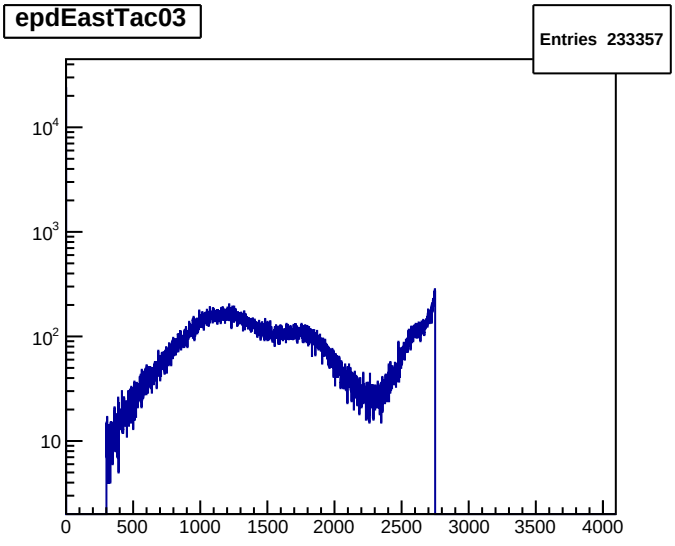
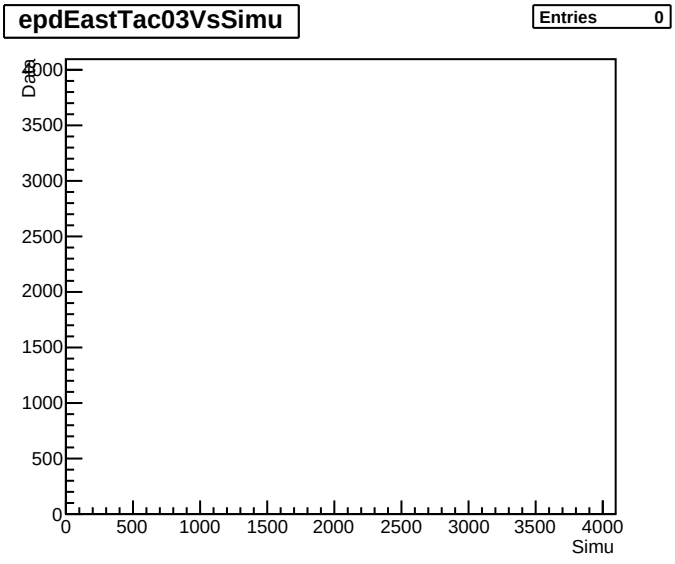
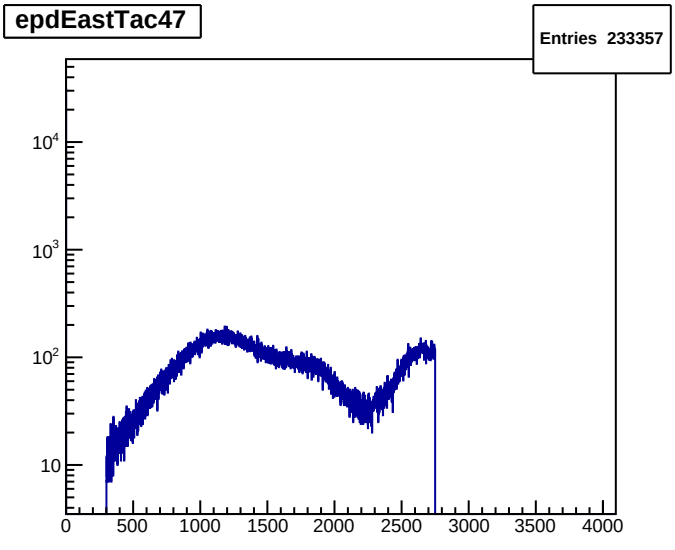
Data-Simu
DSM Input Channel

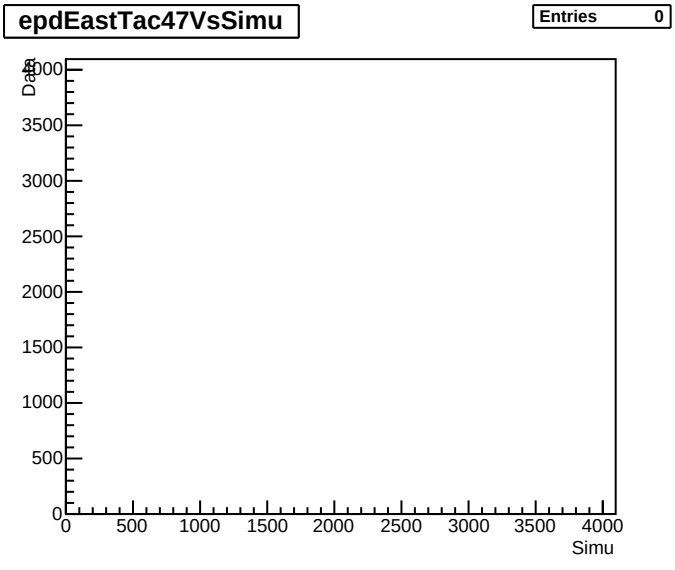

epdWestTHits
Entries 1866856
Truncated NHits
DSMInput Channel

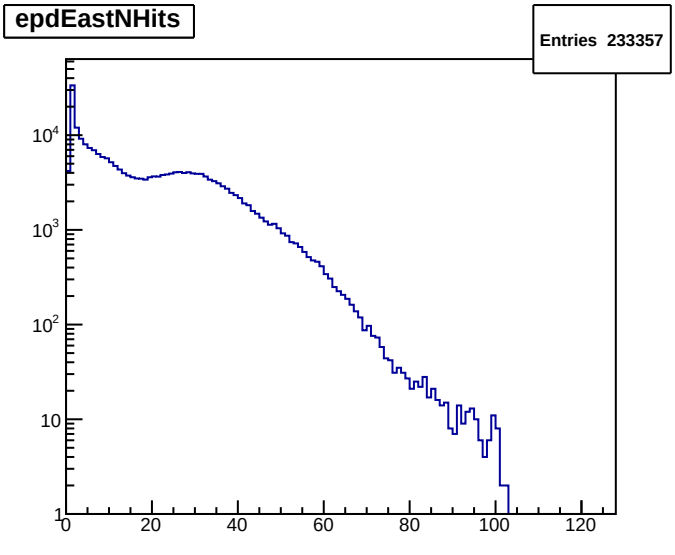

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

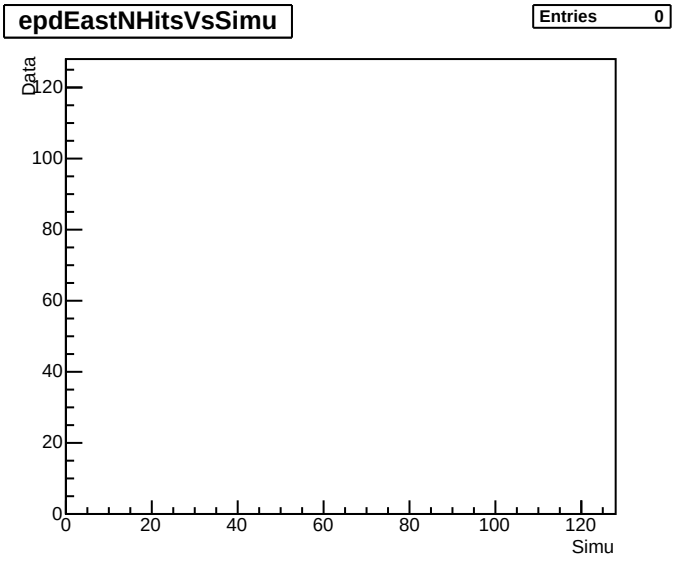

epdEastTac03
Entries 233357

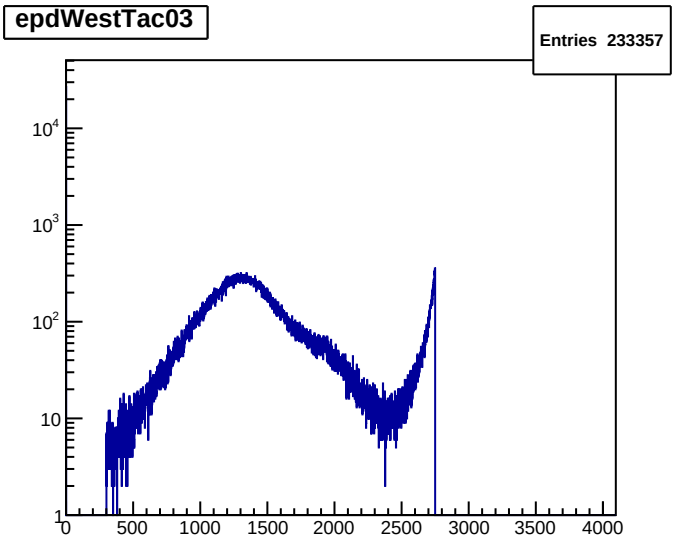

epdEastTac03VsSimu
Entries 0
Data
Simu

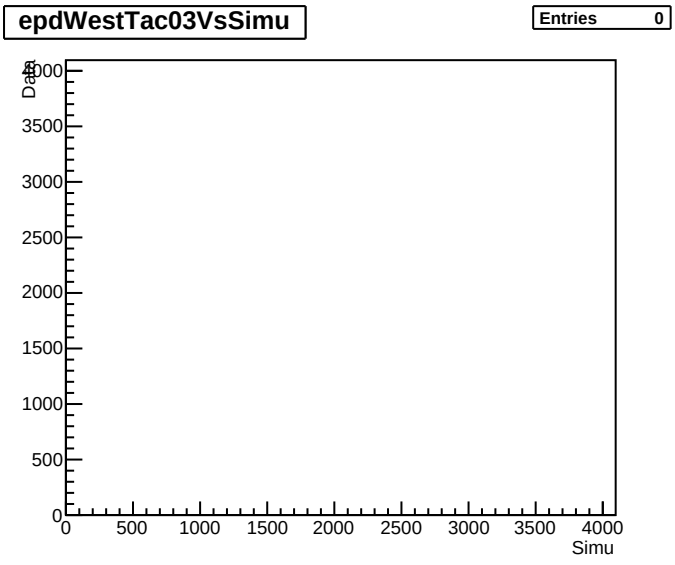

epdEastTac47
Entries 233357


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 233357


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 233357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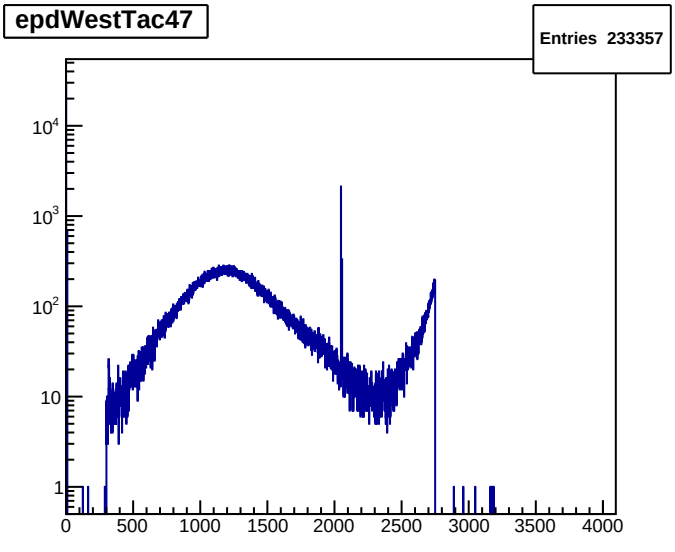
Entries 0
Data
Simu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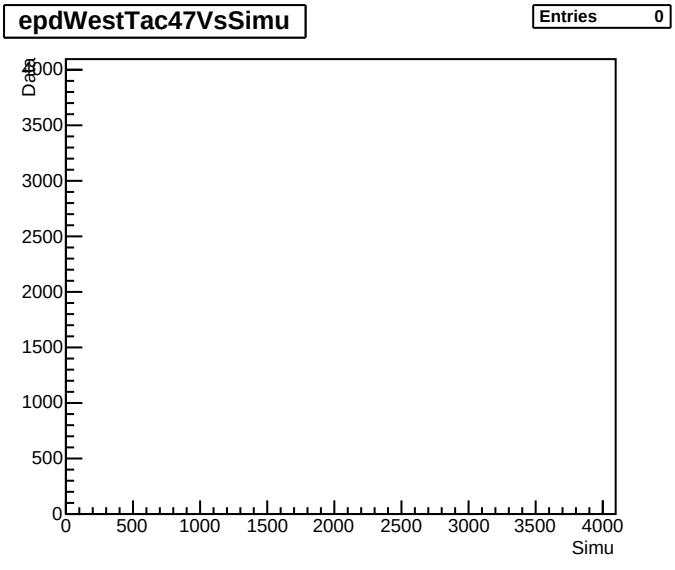
Entries 233357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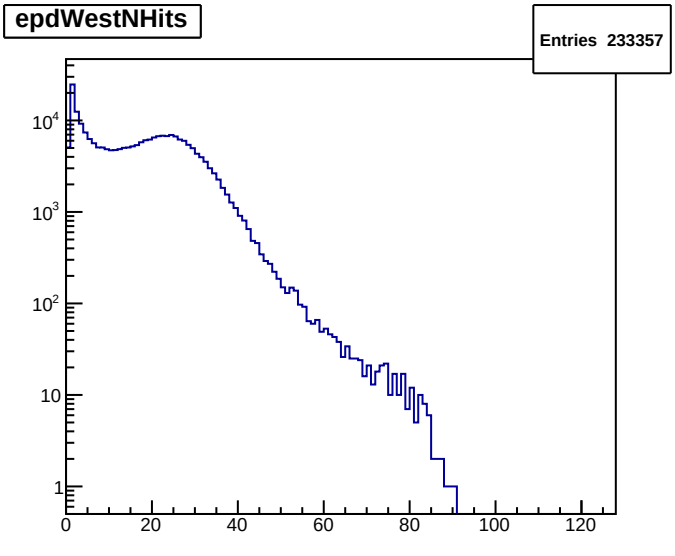
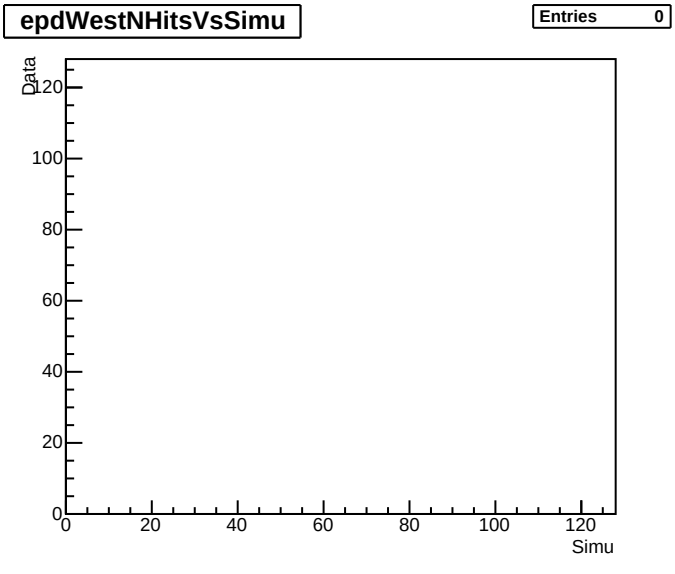
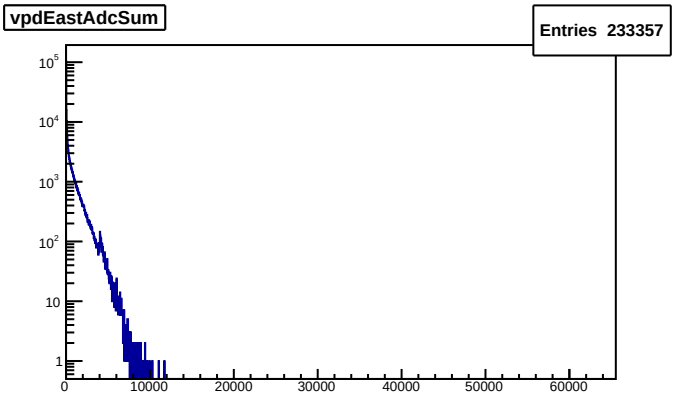
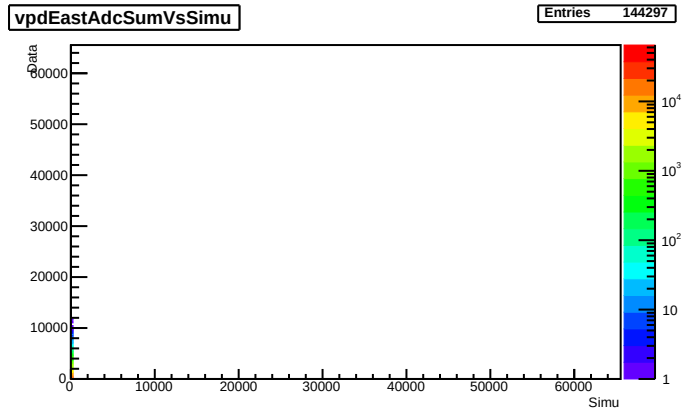
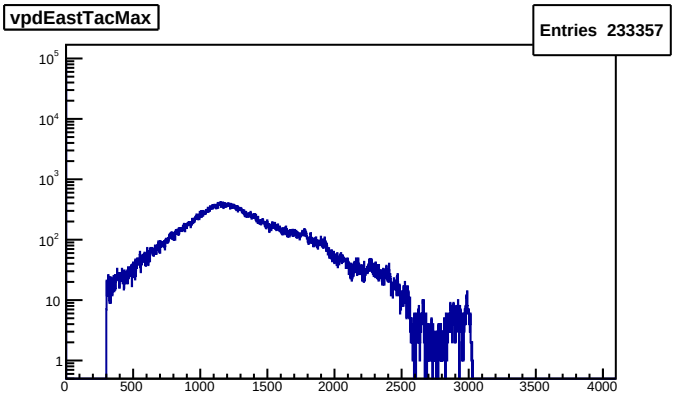
Entries 0
Data
Simu

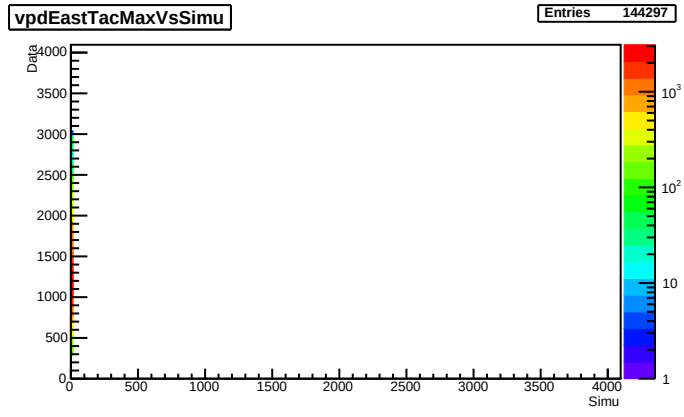

epdWestNHits
Entries 233357

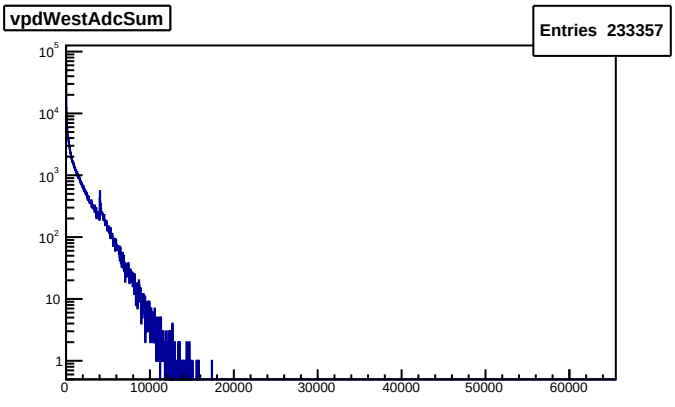

epdWestNHitsVsSimu
Entries 0
Data
Simu

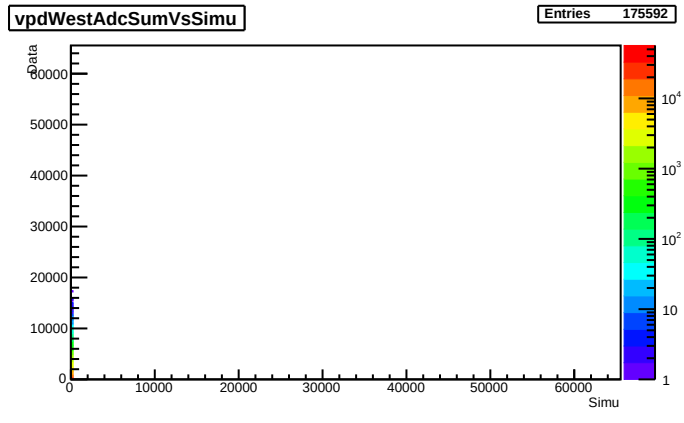

vpdEastAdcSum
Entries 233357

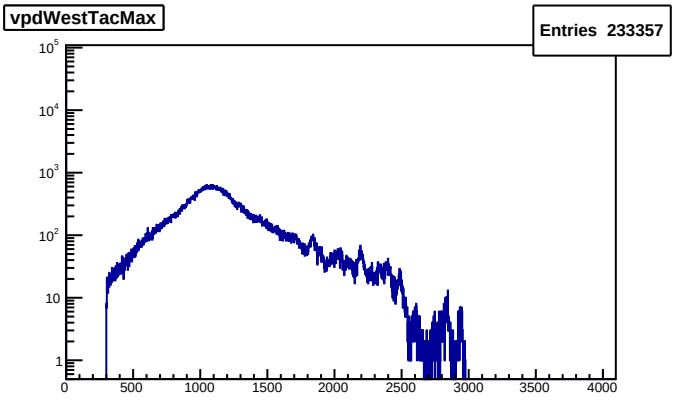

vpdEastAdcSumVsSimu
Entries 144297
Data
Simu

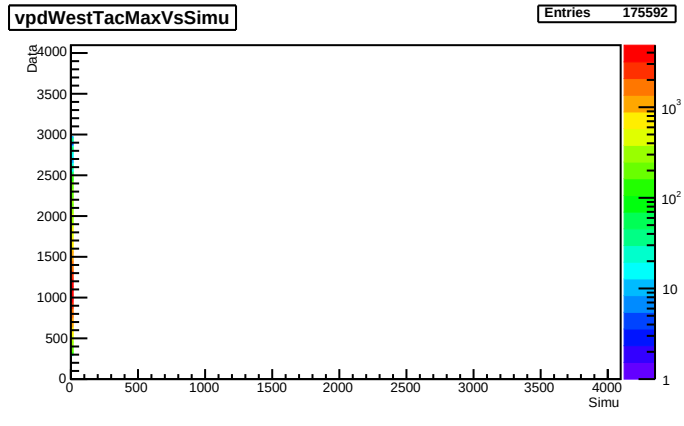

vpdEastTacMax
Entries 233357

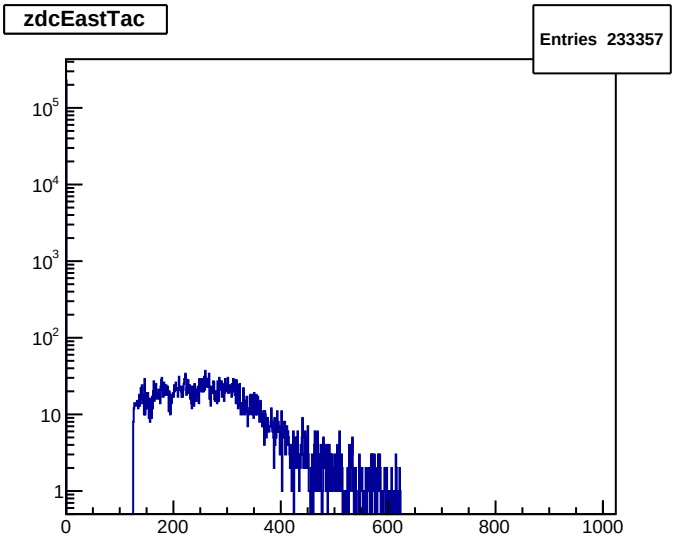

vpdEastTacMaxVsSimu
Entries 144297
Data
Simu

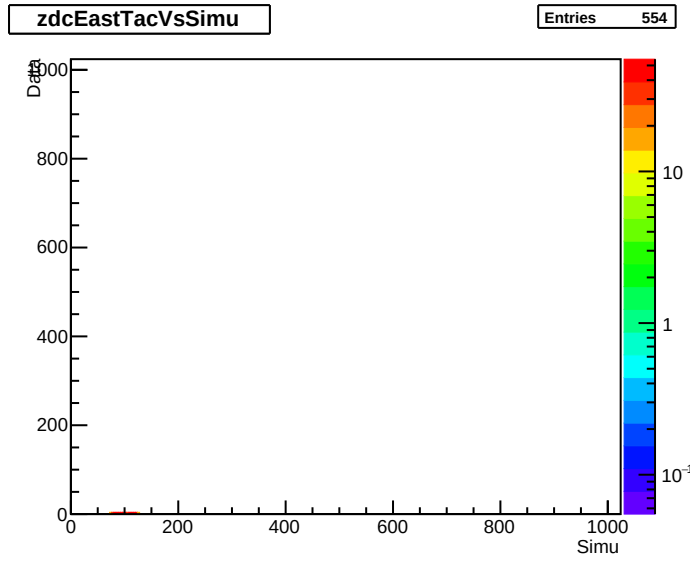

vpdWestAdcSum
Entries 233357

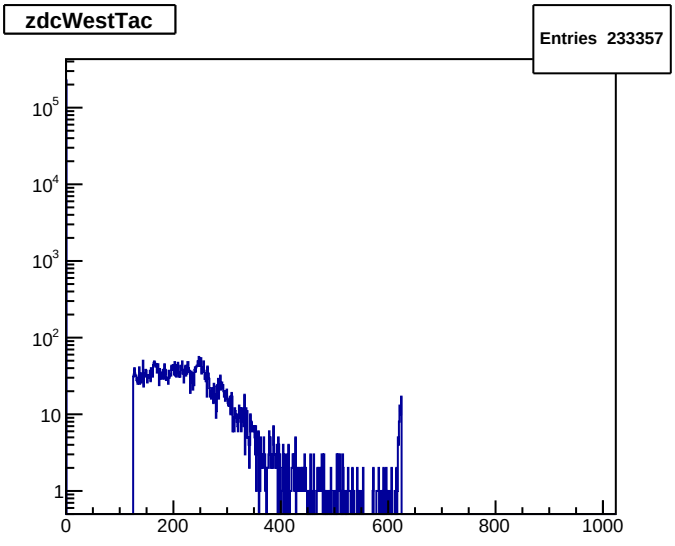

vpdWestAdcSumVsSimu
Entries 175592
Data
Simu

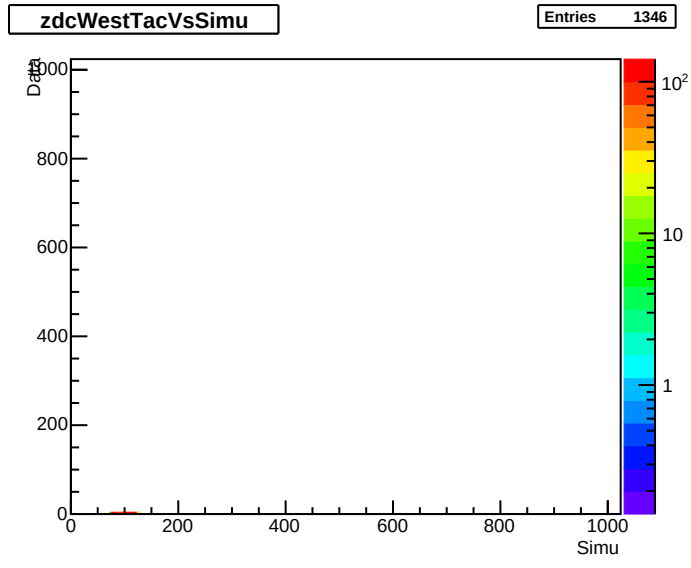

vpdWestTacMax
Entries 233357

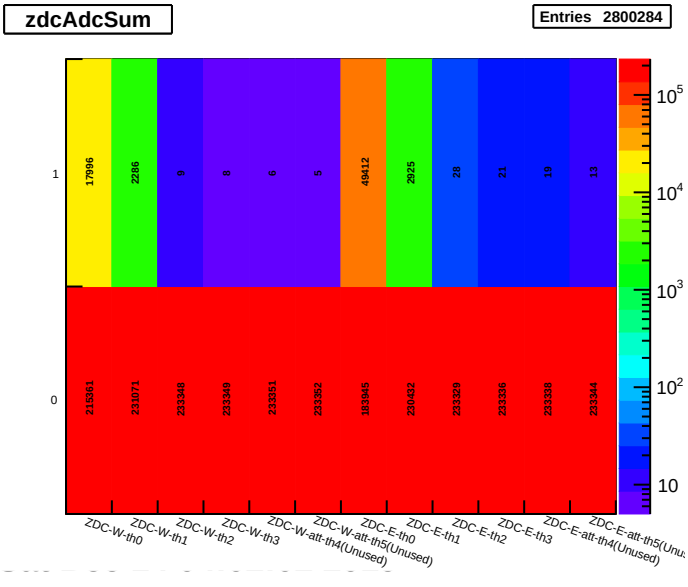

vpdWestTacMaxVsSimu
Entries 175592
Data
Simu

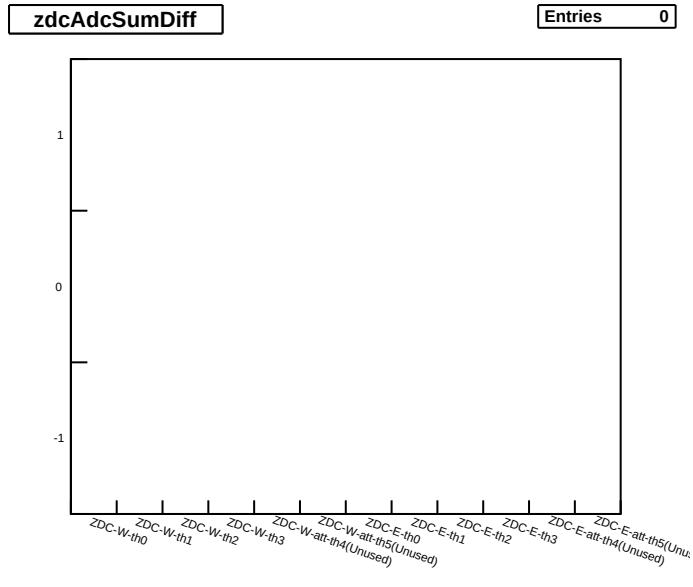

zdcEastTac
Entries 233357

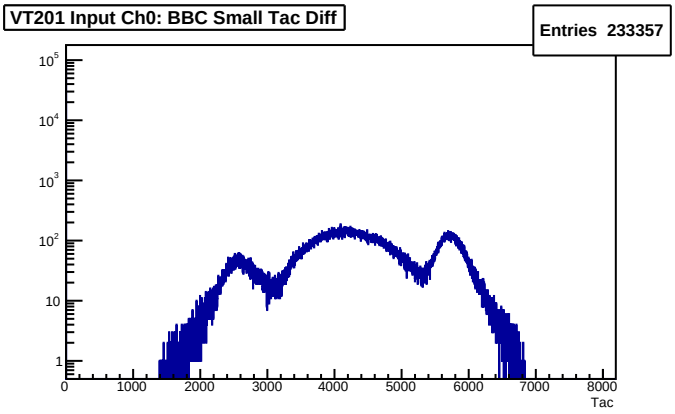

zdcEastTacVsSimu
Entries 554
Data
Simu

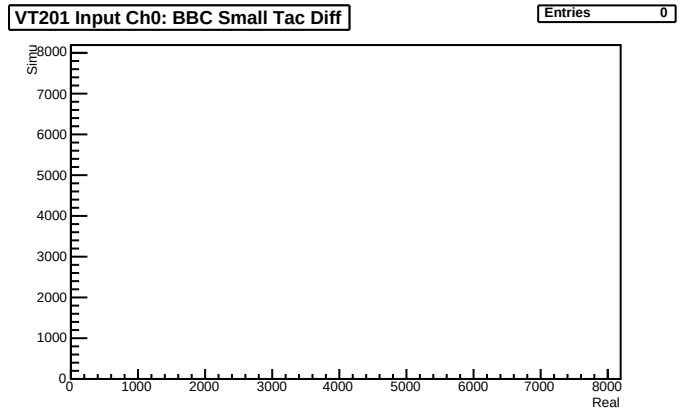

zdcWestTac
Entries 233357

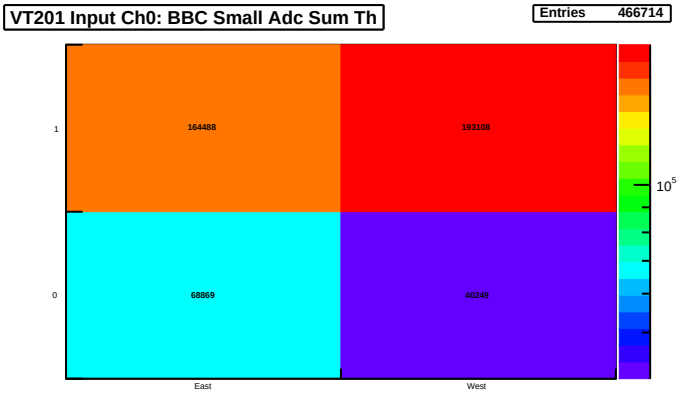

zdcWestTacVsSimu
Entries 1346
Data
Simu

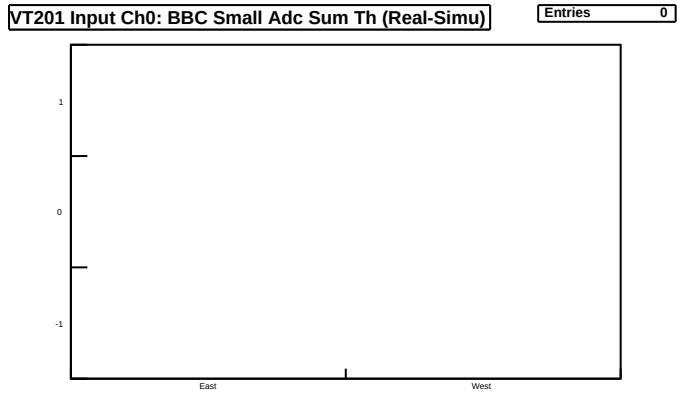

zdcAdcSum
Entries 2800284
17996
2286
9
8
6
5
49412
2925
28
21
19
13
215361
231071
233348
233349
233351
233352
183945
220432
233329
233336
233338
233344
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

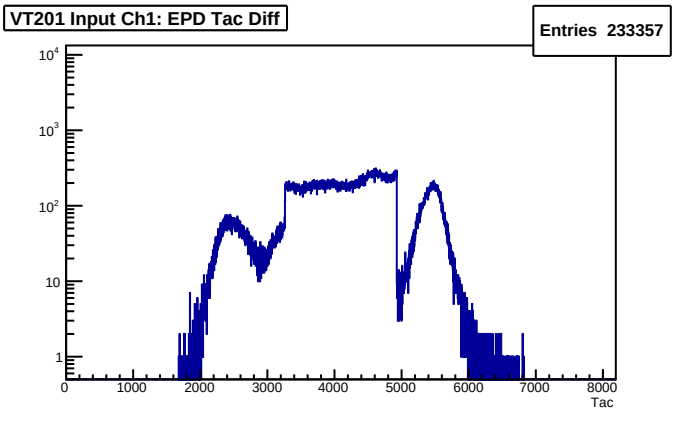

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

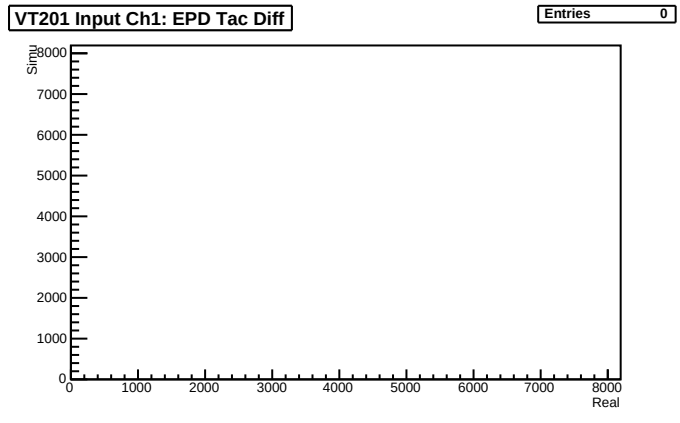

VT201 Input Ch0: BBC Small Tac Diff
Entries 233357
Tac

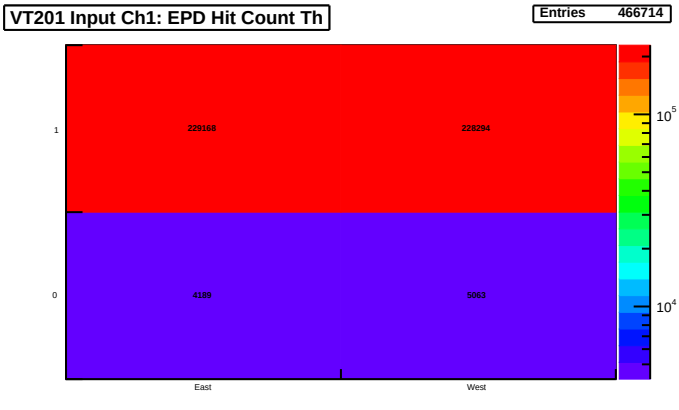

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

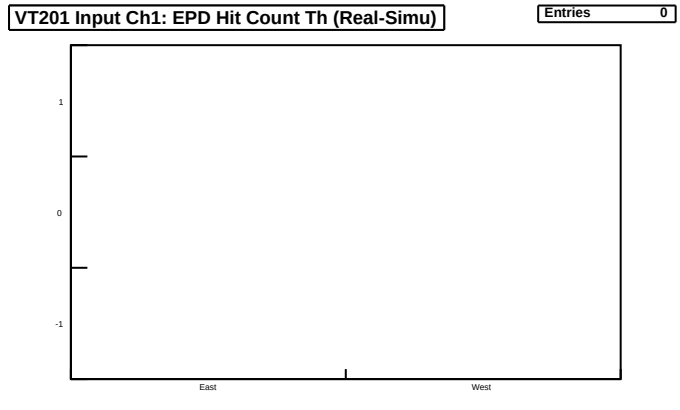

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 466714
164488
193108
68869
40249
East
West

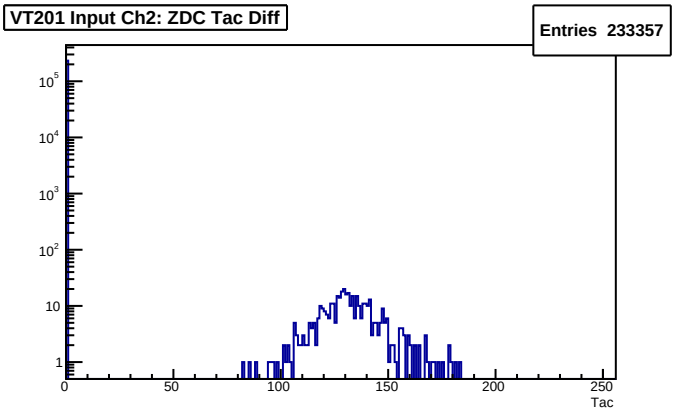

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

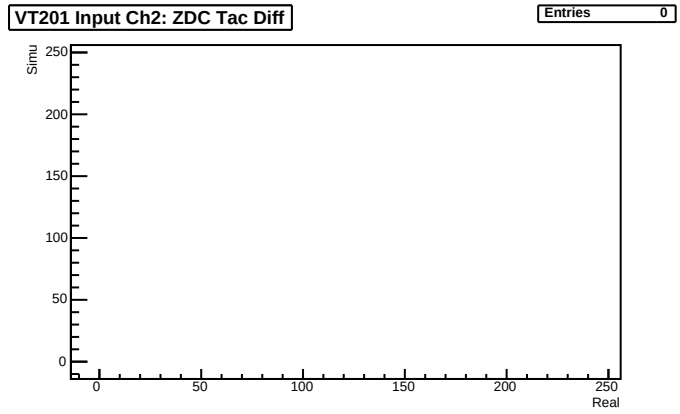

VT201 Input Ch1: EPD Tac Diff
Entries 233357
Tac

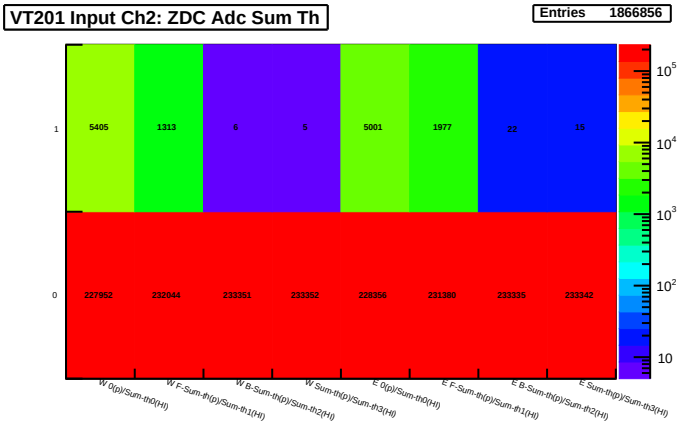

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

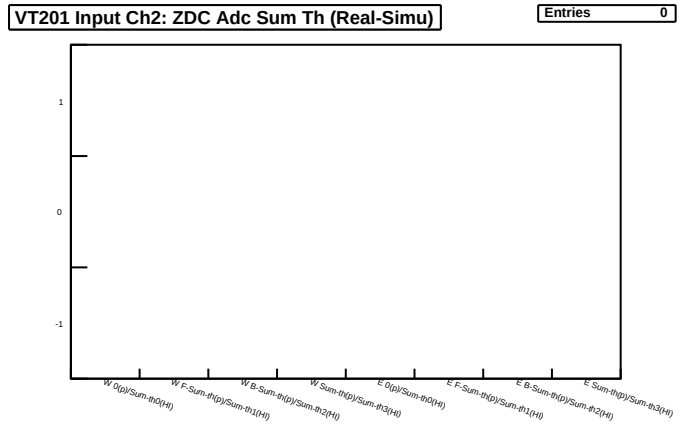

VT201 Input Ch1: EPD Hit Count Th
Entries 466714
229168
228294
4189
5063
East
West

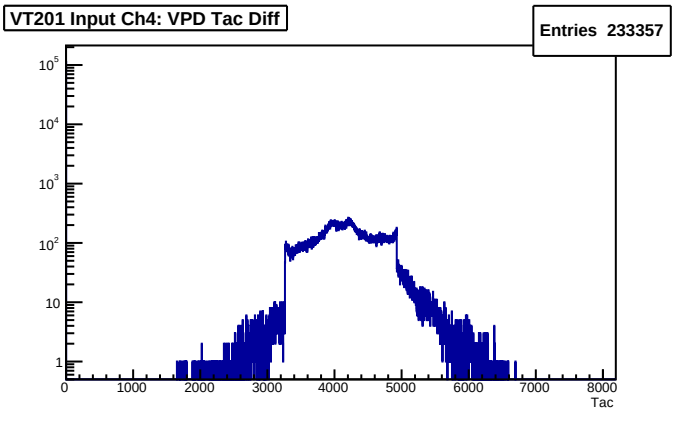

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

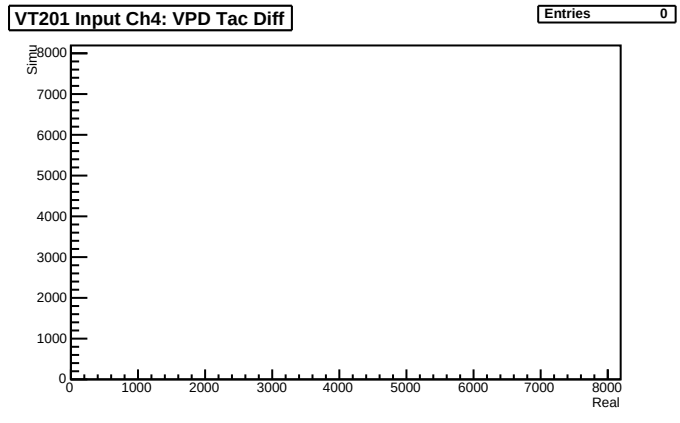

VT201 Input Ch2: ZDC Tac Diff
Entries 233357
Tac

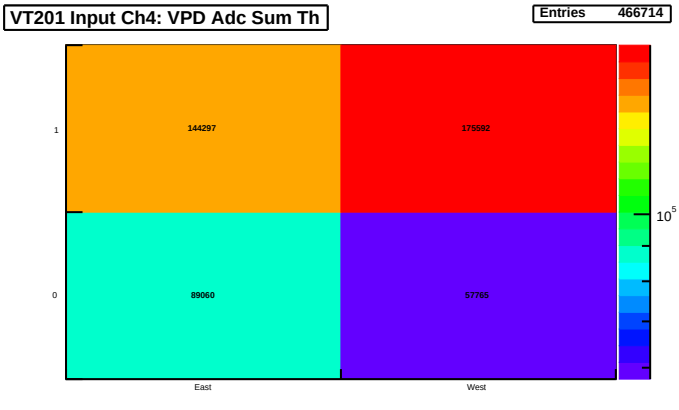

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

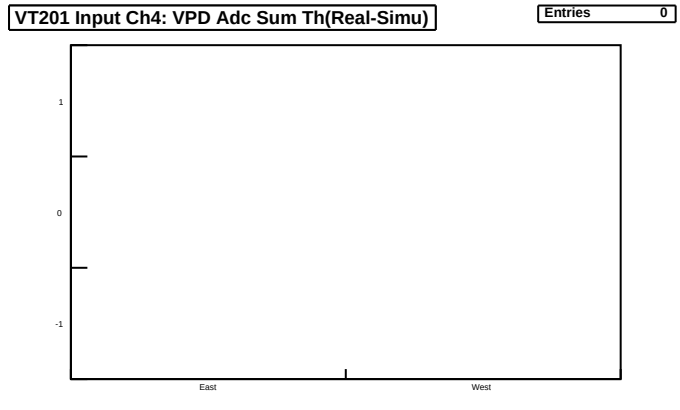

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1866856
5405
1313
6
5
5001
1977
22
15
227952
232044
233351
233352
228356
231380
233335
233342
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

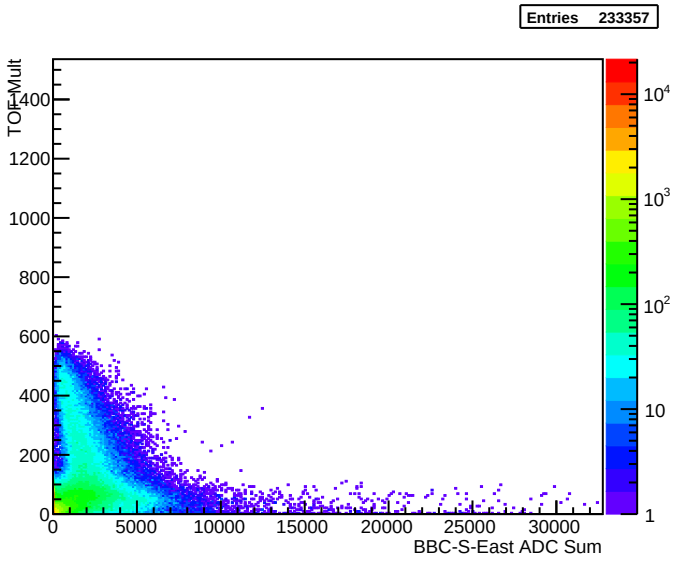

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

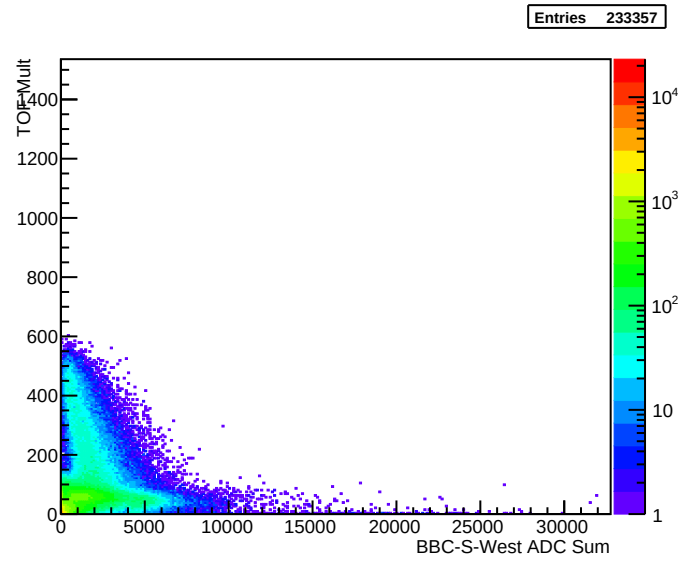

VT201 Input Ch4: VPD Tac Diff
Entries 233357
Tac

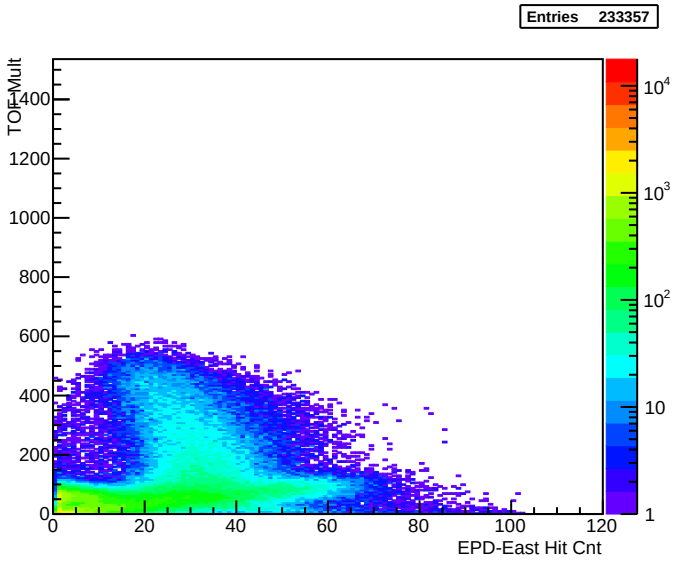

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

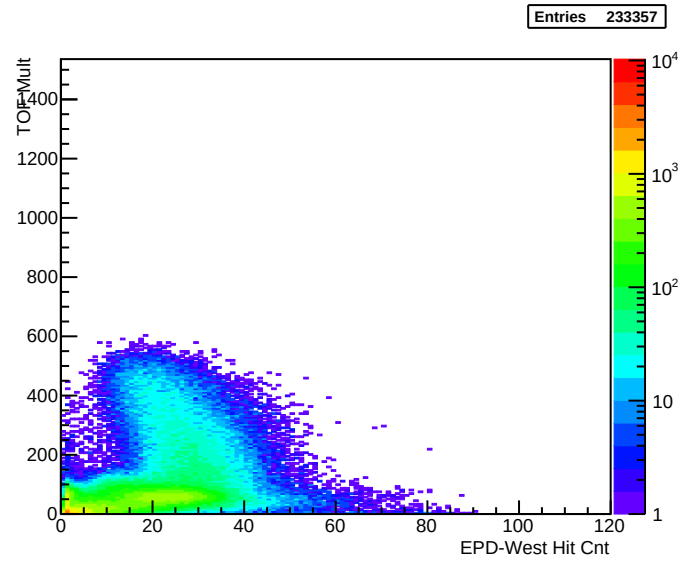

VT201 Input Ch4: VPD Adc Sum Th
Entries 466714
144297
175592
89060
57765
East
West

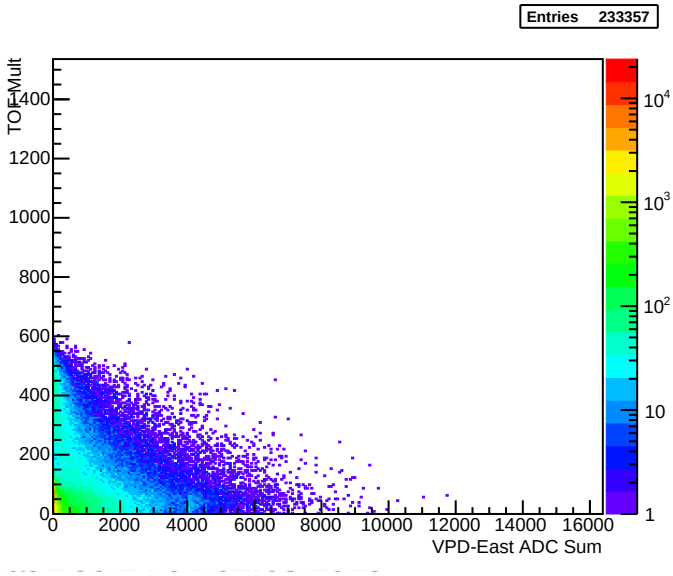

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

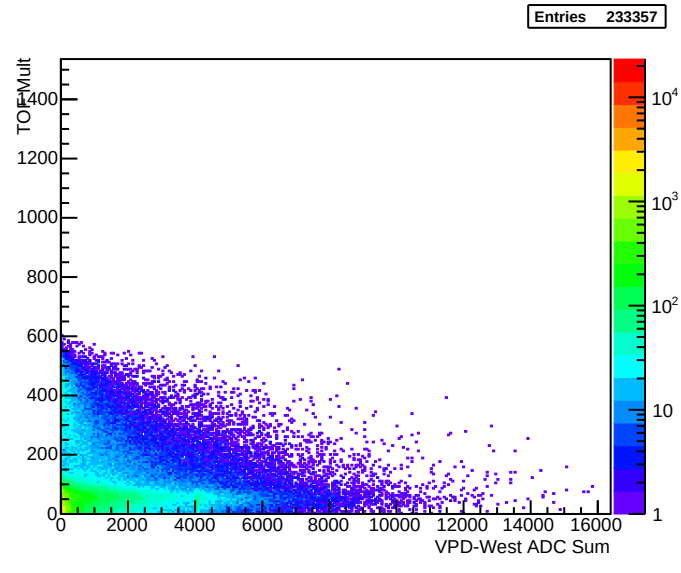

Entries 233357
TOF-Mult
BBC-S-East ADC Sum

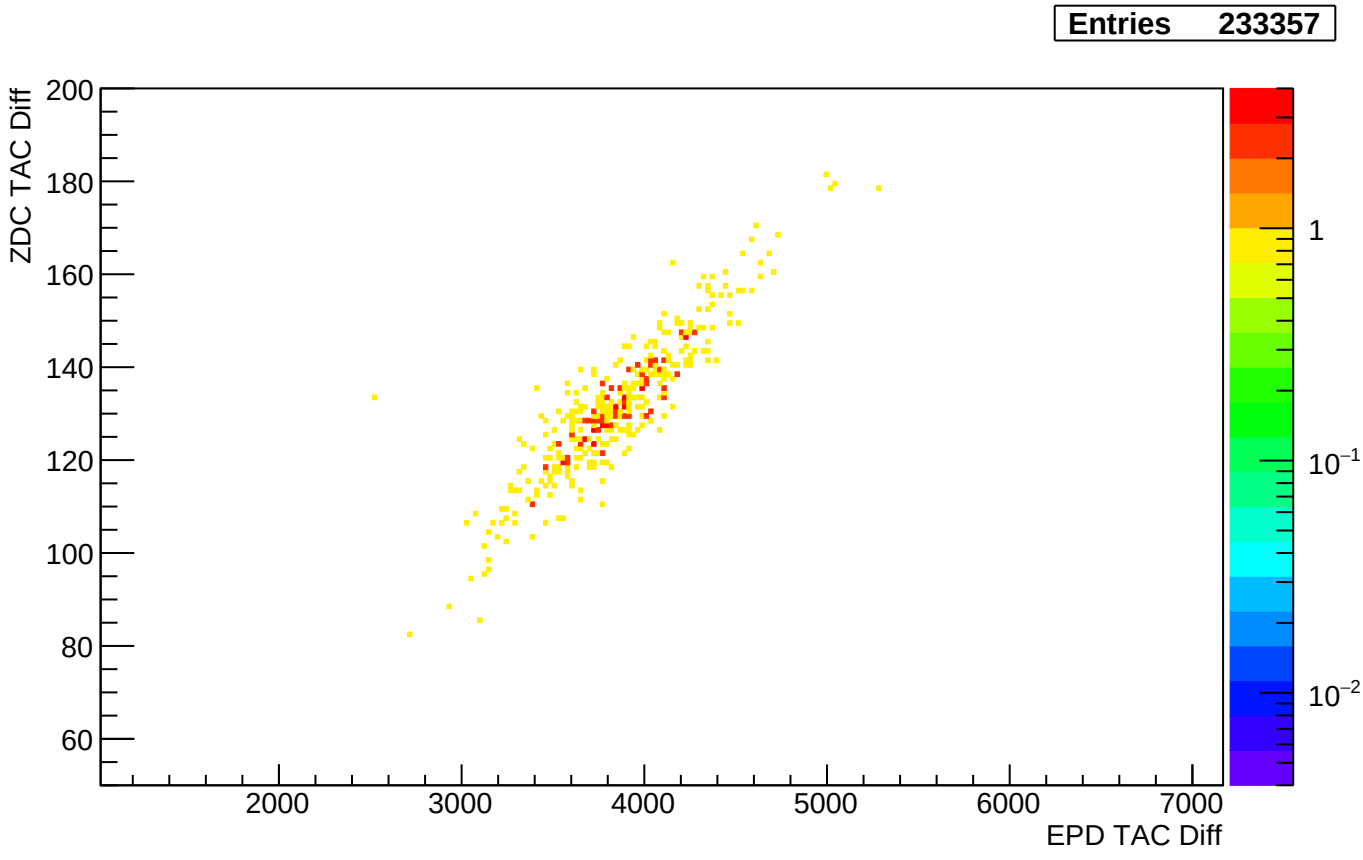

Entries 233357
TOF-Mult
BBC-S-West ADC Sum

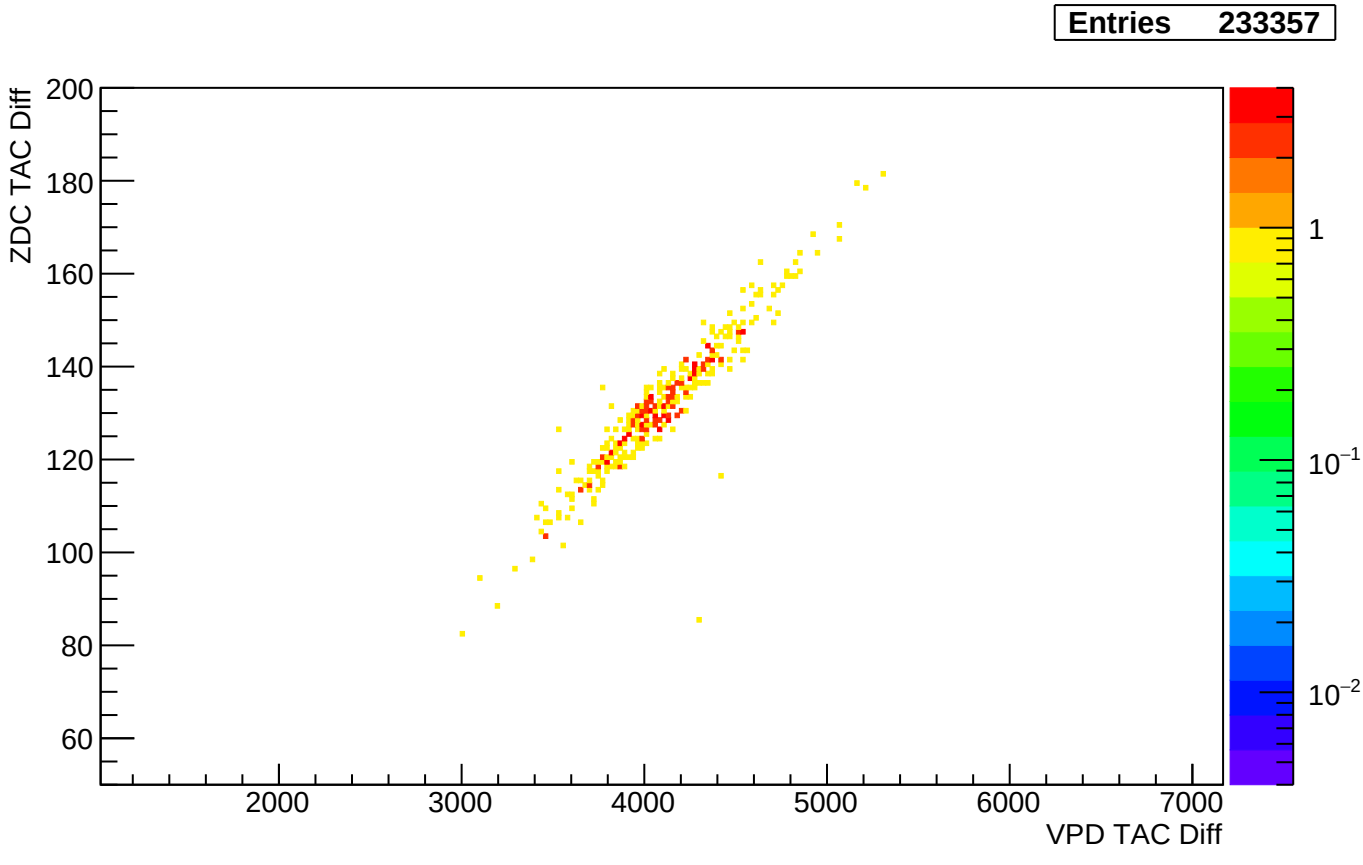

Entries 233357
TOF-Mult
EPD-East Hit Cnt

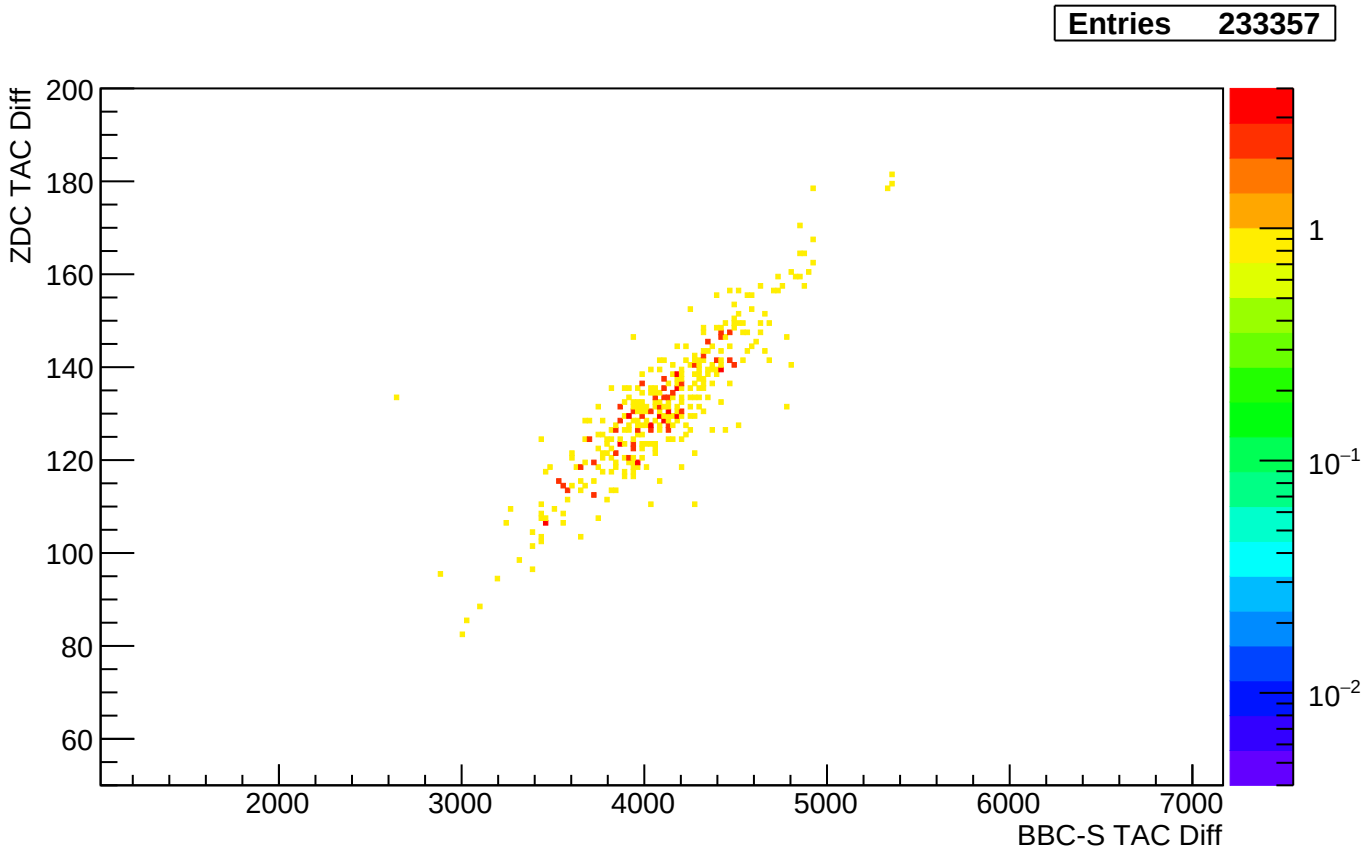

Entries 233357
TOF-Mult
EPD-West Hit Cnt

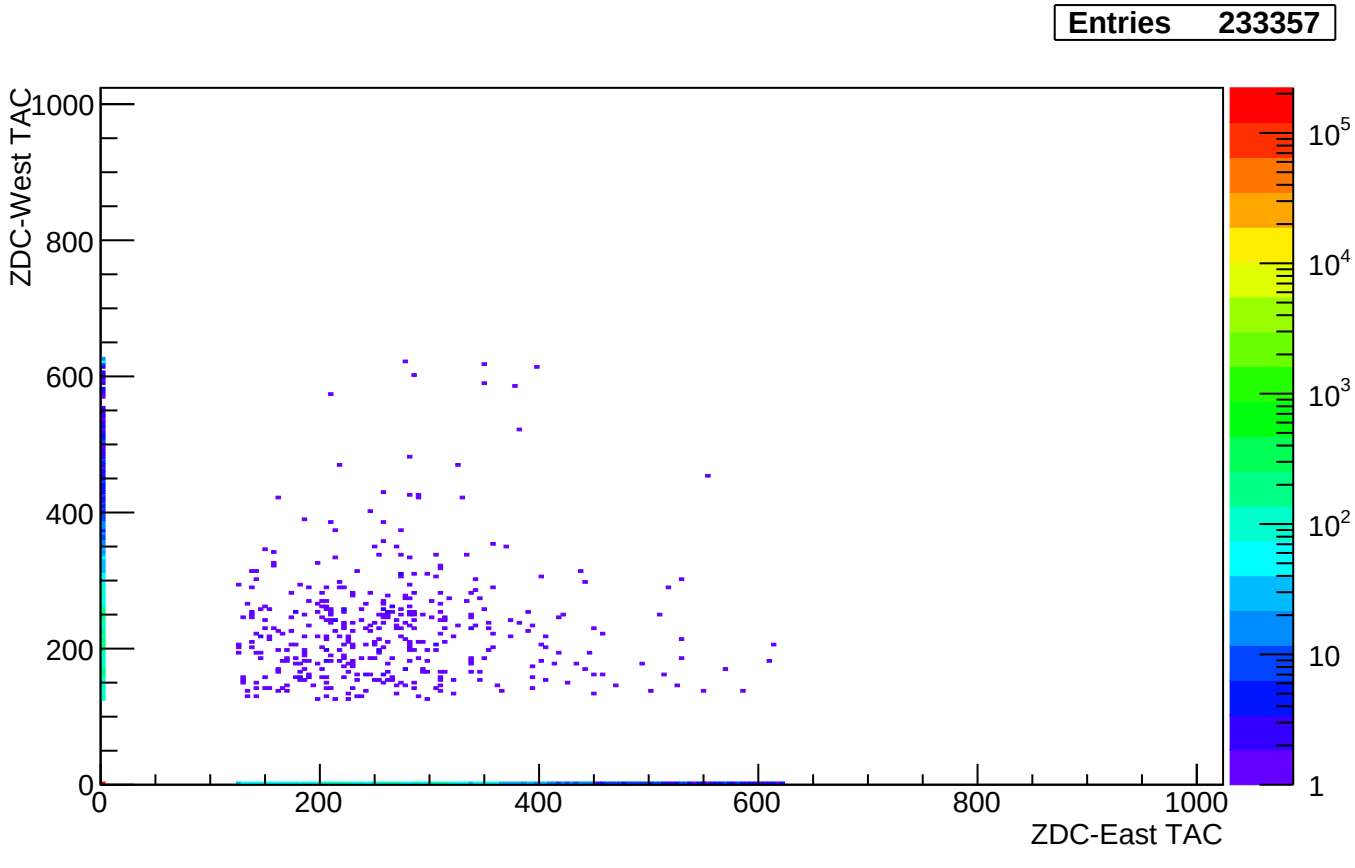

Entries 233357
TOF-Mult
VPD-East ADC Sum

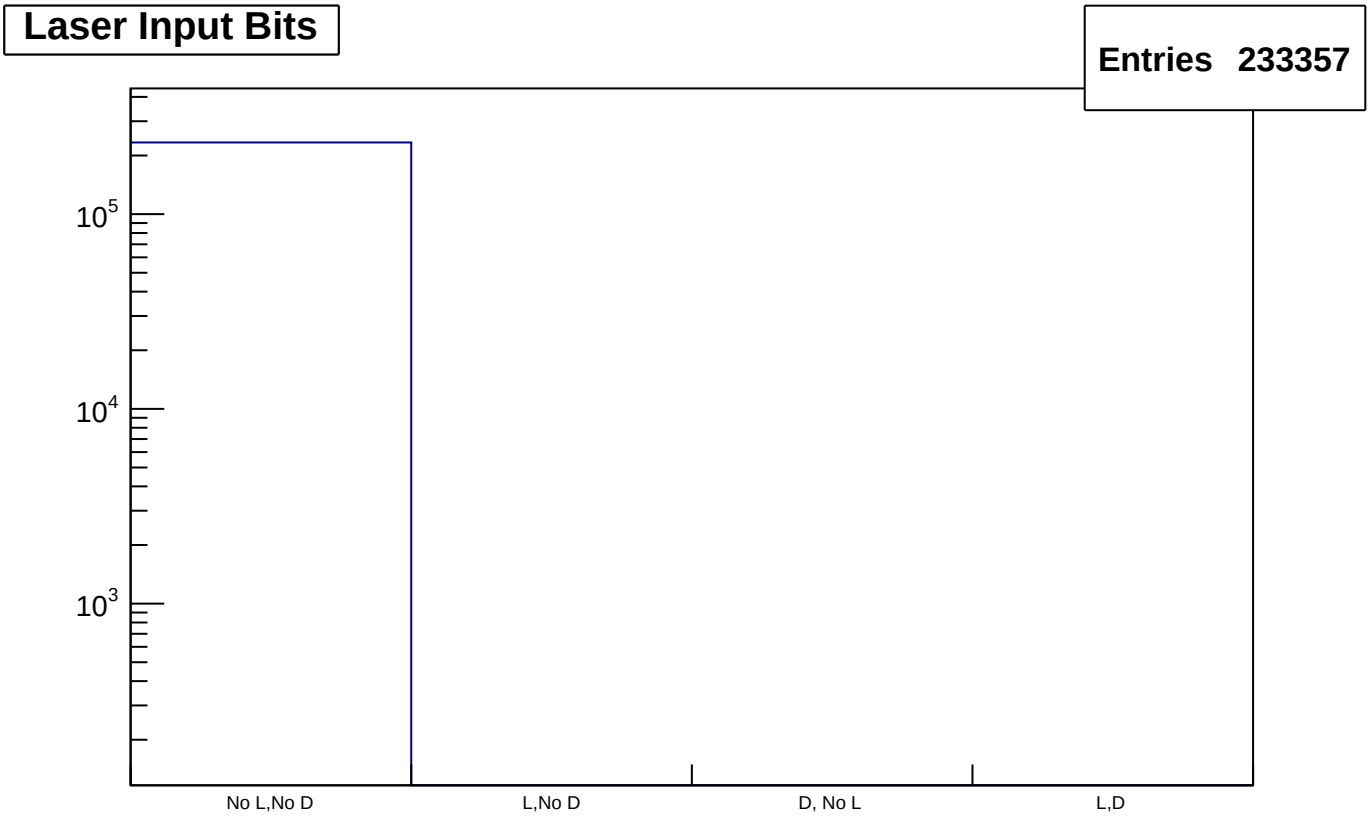

Entries 233357
TOF-Mult
VPD-West ADC Sum

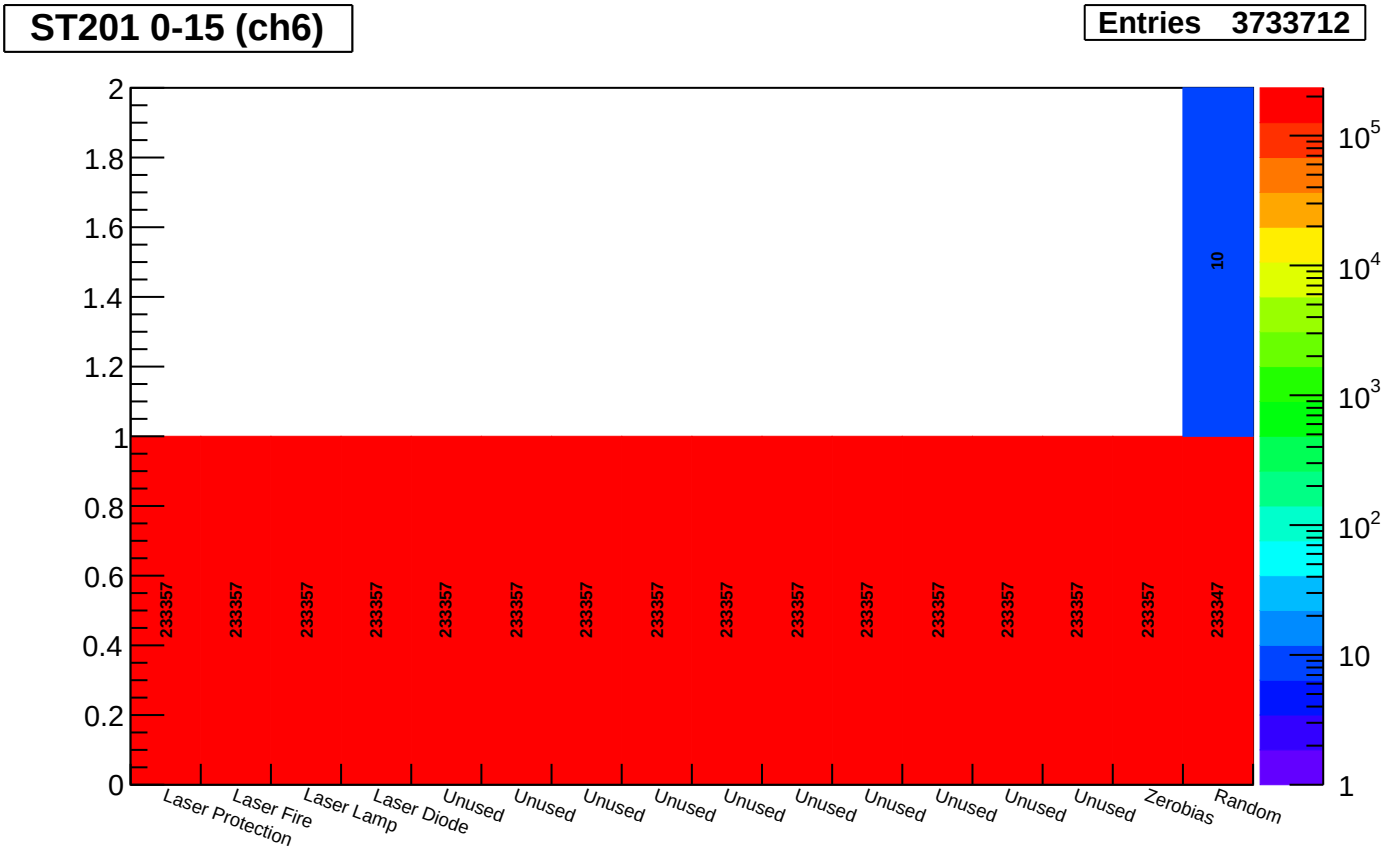

Entries 233357
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

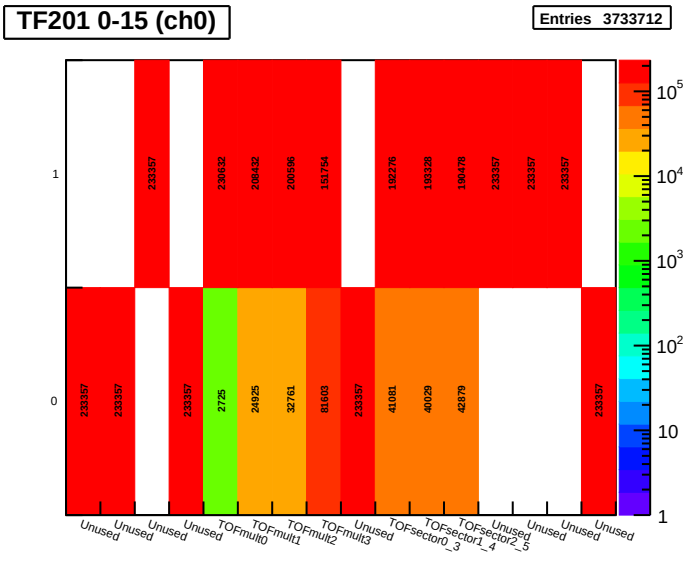

Entries 233357
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

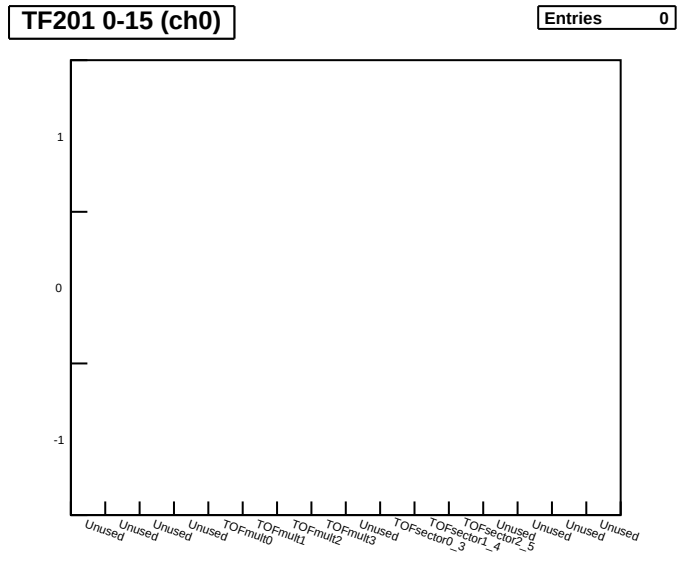

Entries 233357
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

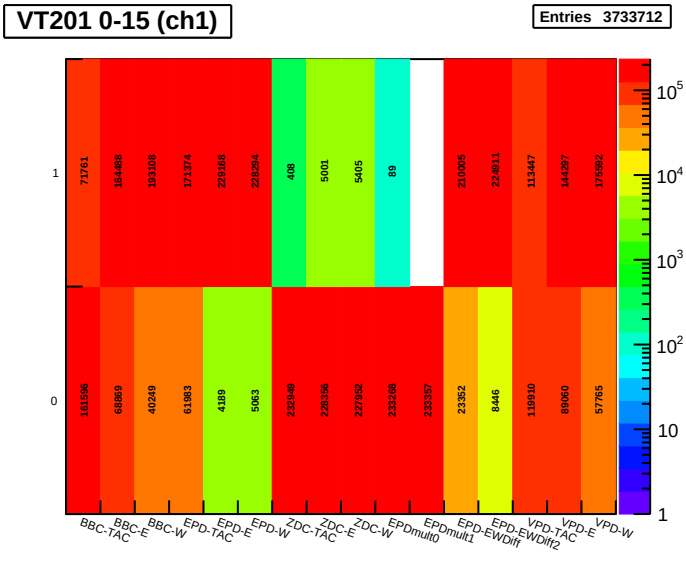

Entries 233357
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

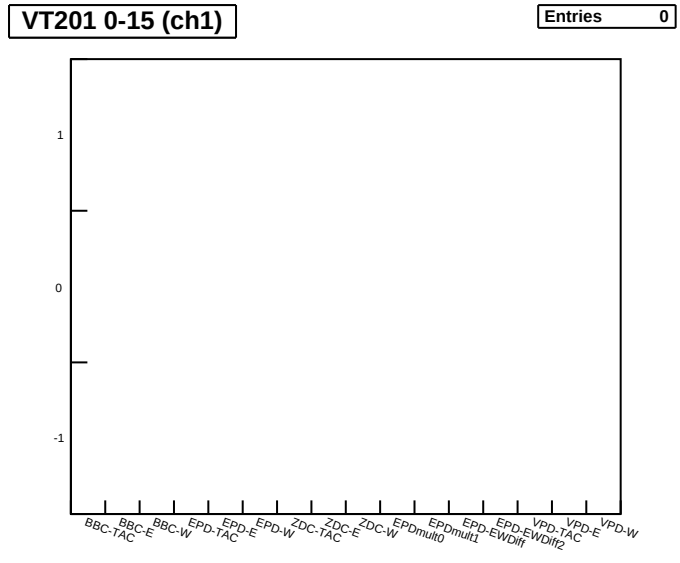

Laser Input Bits
Entries 233357
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

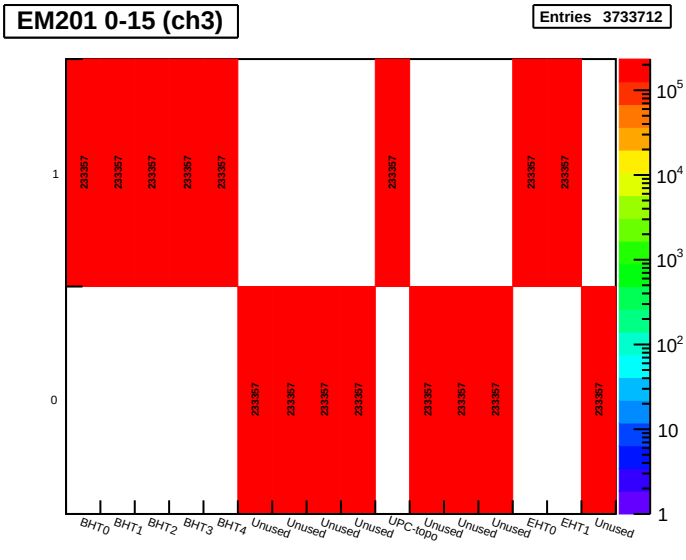

ST201 0-15 (ch6)
Entries 3733712
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
233357
233347
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

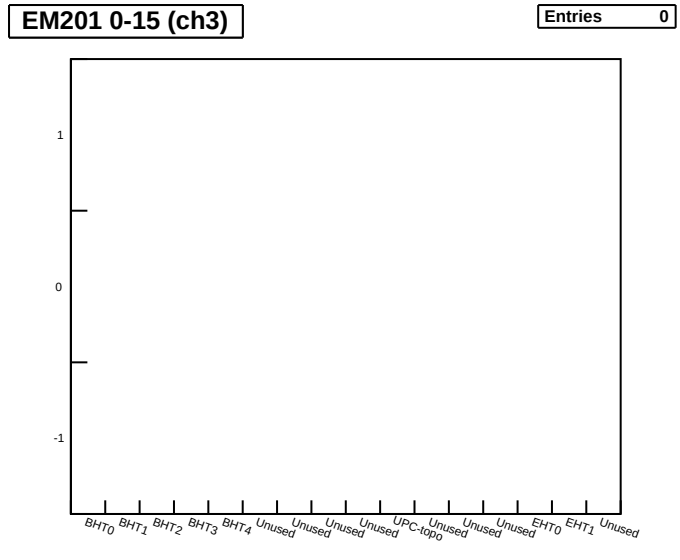

TF201 0-15 (ch0)
Entries 3733712
1
0
233357
230632
208432
200595
151754
192276
193328
190478
233357
233357
233357
233357
233357
233357
2725
24925
32761
81603
233357
41081
40029
42879
233357
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 3733712
1
0
71761
164488
193108
171374
220168
228294
408
5001
5405
89
210005
224911
113447
144297
175982
161596
68869
40249
61983
4189
5063
232949
228356
227952
233268
233357
23352
8446
119910
89060
57765
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 3733712
1
0
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
233357
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