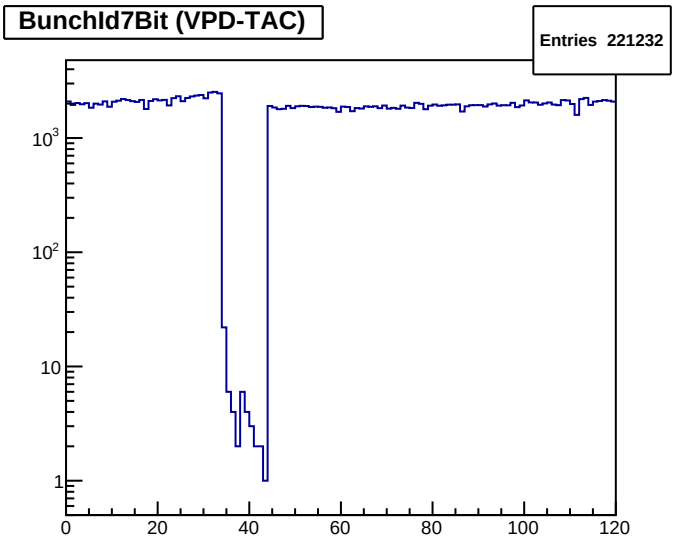
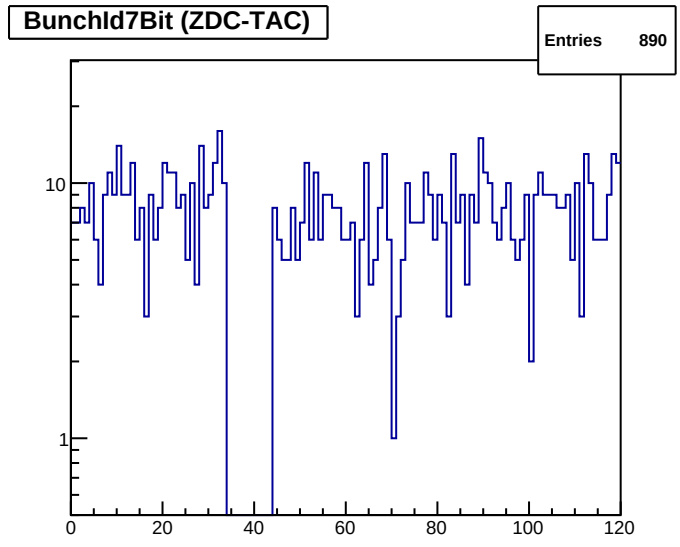
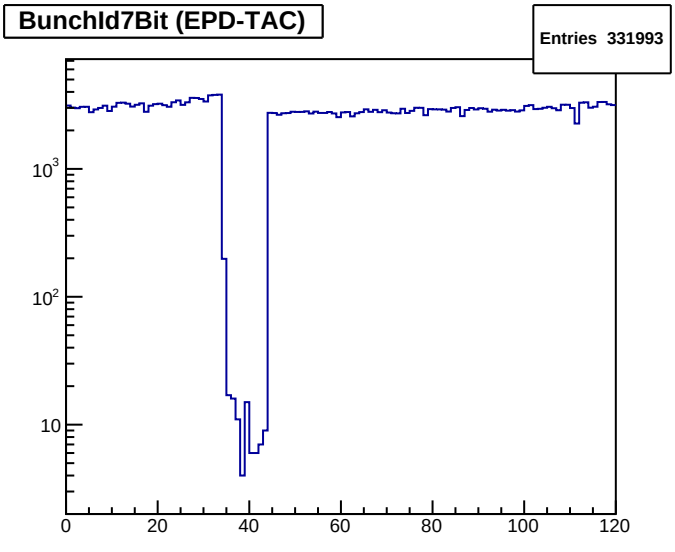
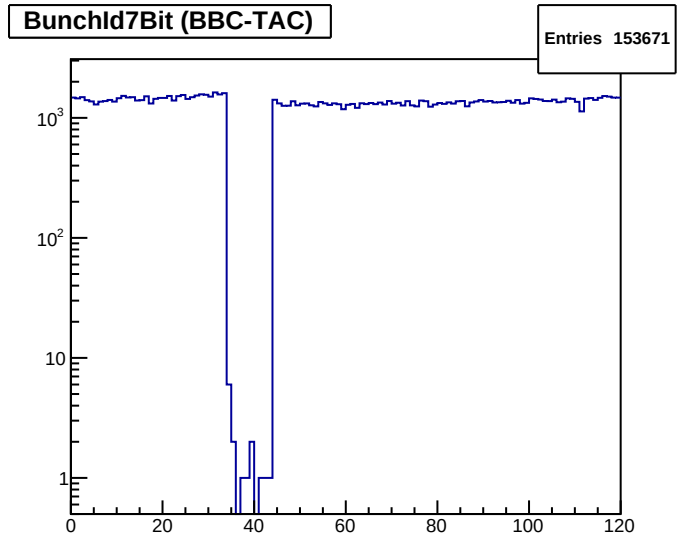
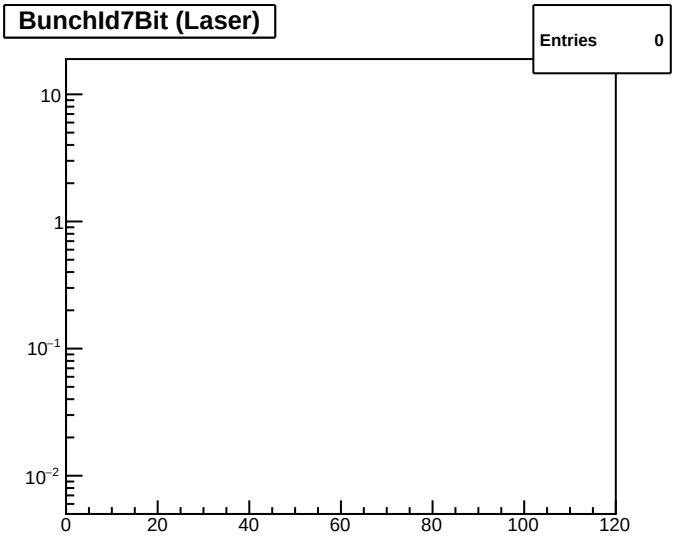
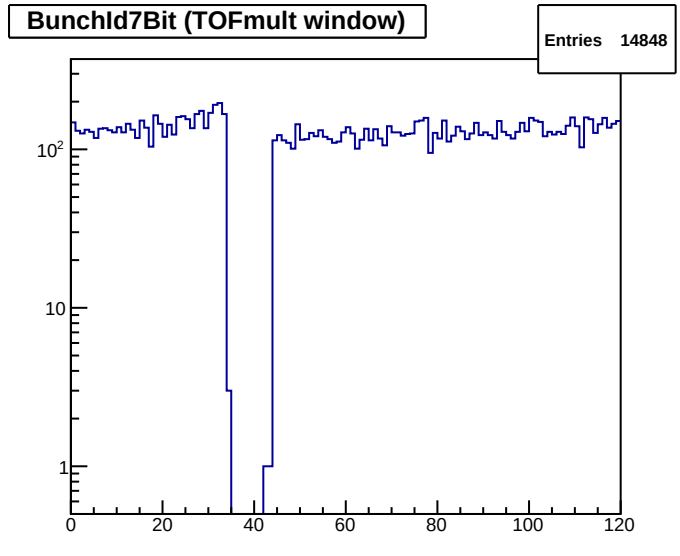

BunchId7Bit (VPD-TAC)
Entries 221232

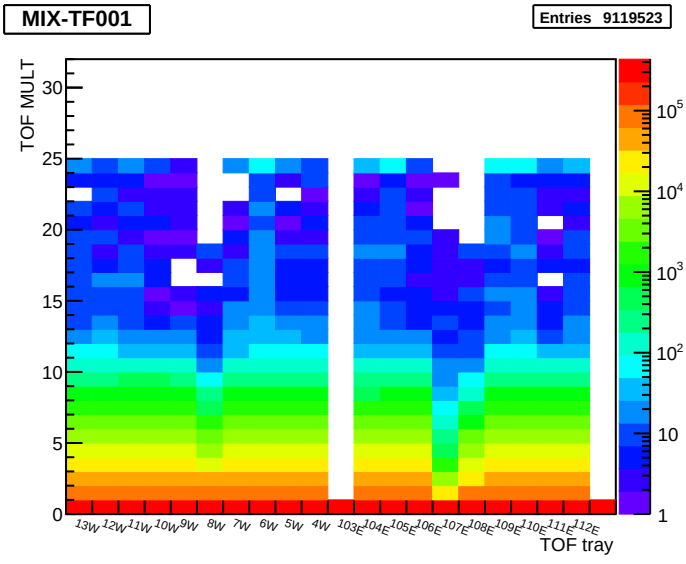

BunchId7Bit (ZDC-TAC)
Entries 890

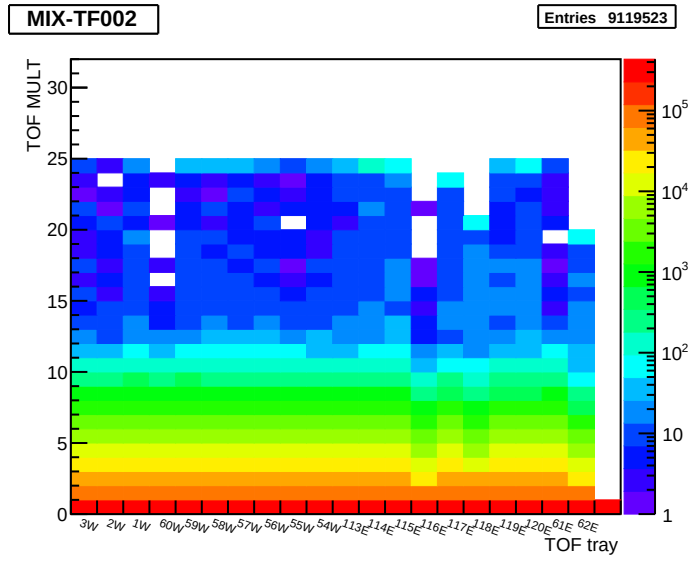

BunchId7Bit (EPD-TAC)
Entries 331993

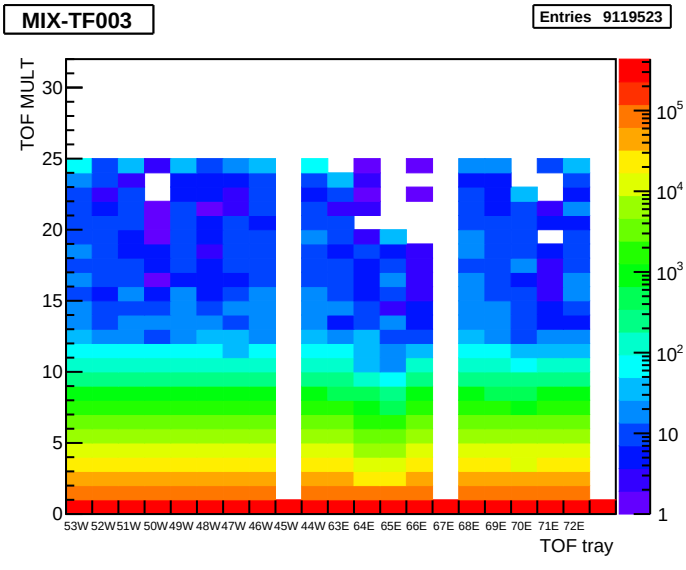

BunchId7Bit (BBC-TAC)
Entries 153671

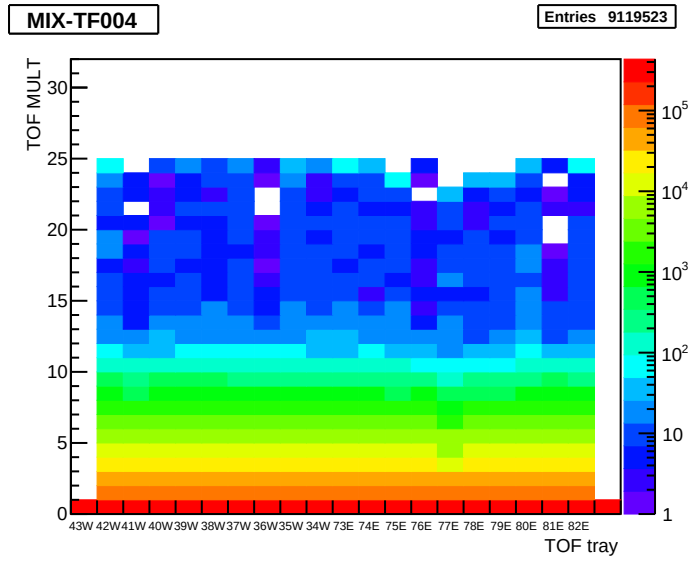

BunchId7Bit (Laser)
Entries 0

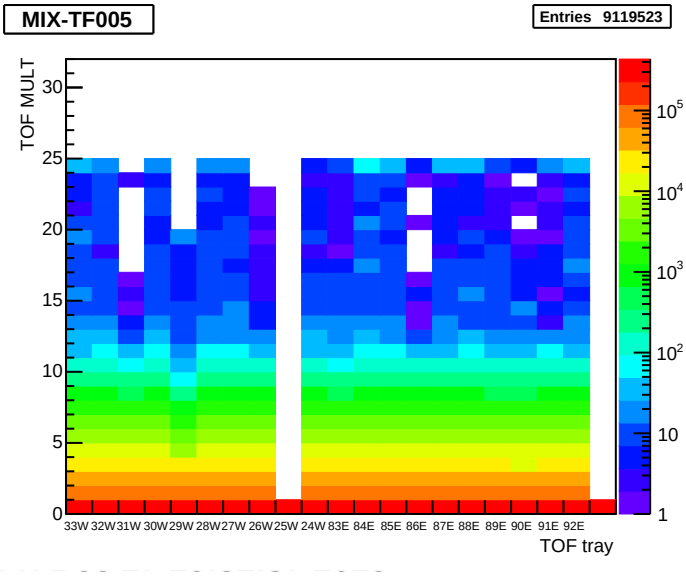

BunchId7Bit (TOFmult window)
Entries 14848

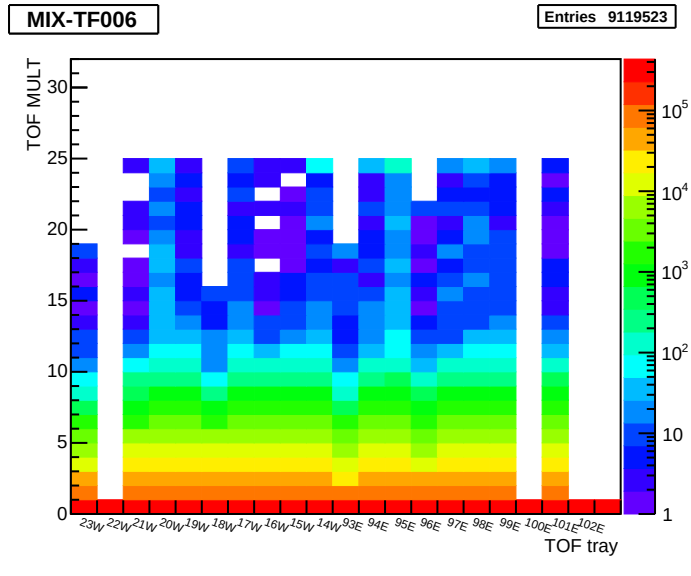

MIX-TF001
Entries 9119523
TOF MULT
TOF tray

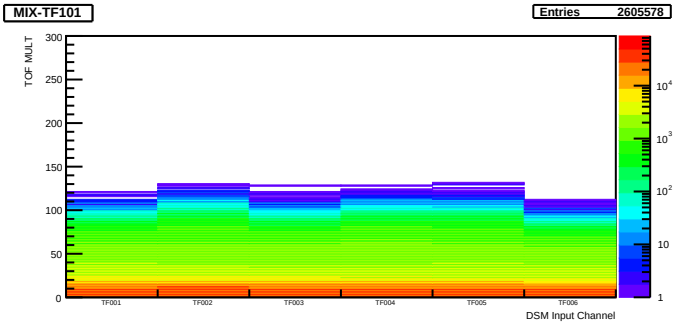

MIX-TF002
Entries 9119523
TOF MULT
TOF tray

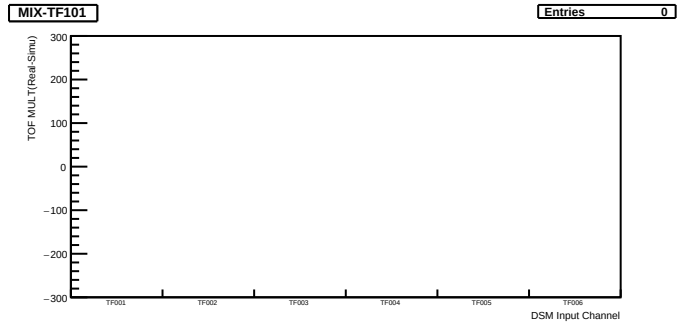

MIX-TF003
Entries 9119523
TOF MULT
TOF tray

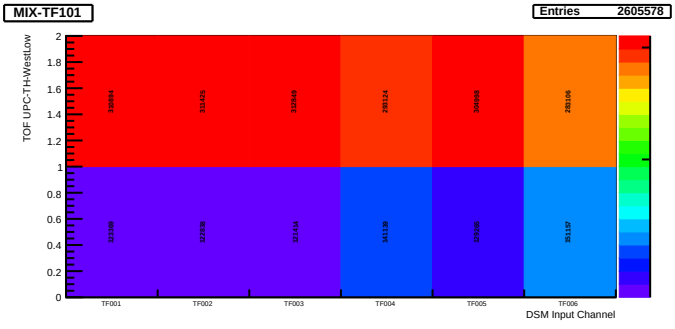

MIX-TF004
Entries 9119523
TOF MULT
TOF tray

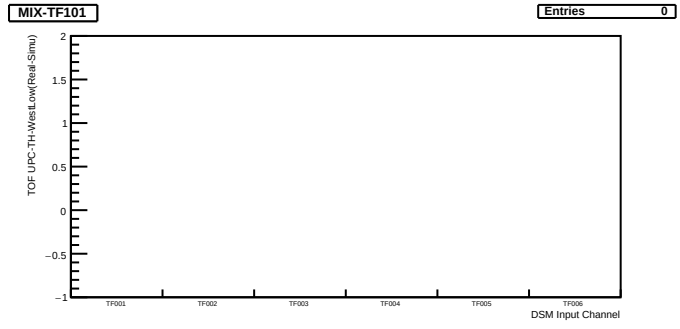

MIX-TF005
Entries 9119523
TOF MULT
TOF tray

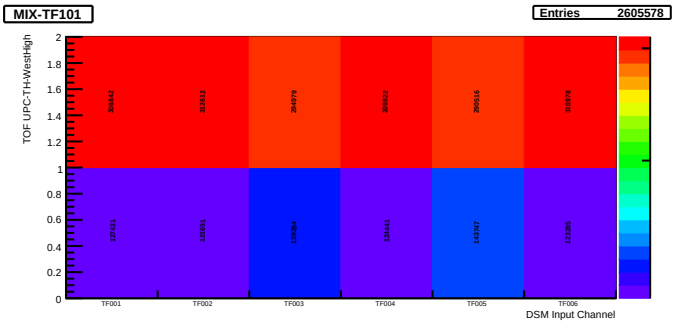

MIX-TF006
Entries 9119523
TOF MULT
TOF tray

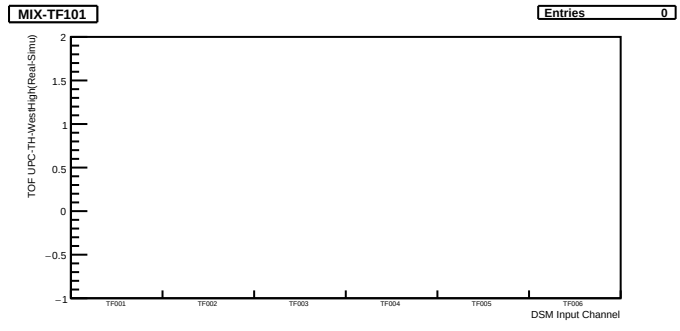

MIX-TF101
Entries 2605578
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

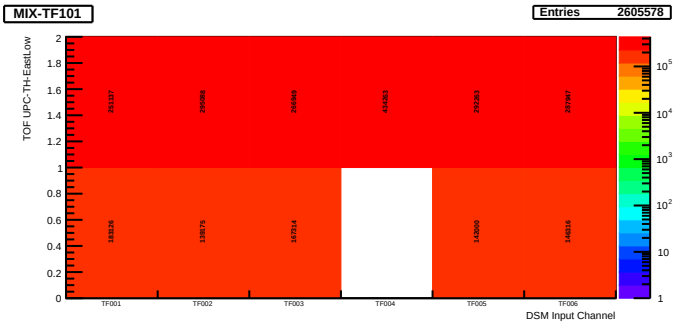

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

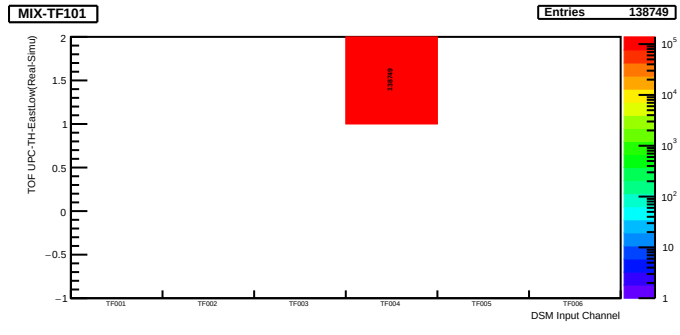

MIX-TF101
Entries 2605578
TOF UPC-TH-WestLow
330884
331425
332849
298124
304998
298106
323389
323839
321414
341139
352926
351197
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

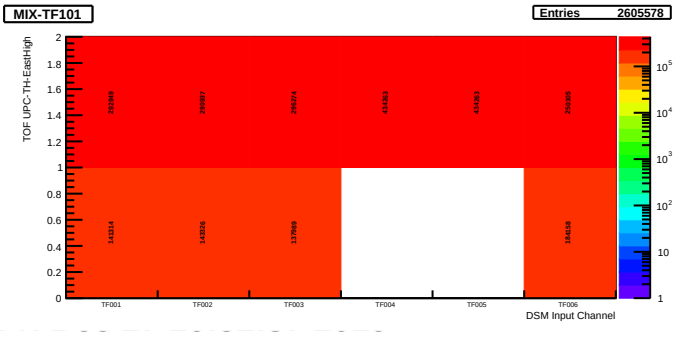

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

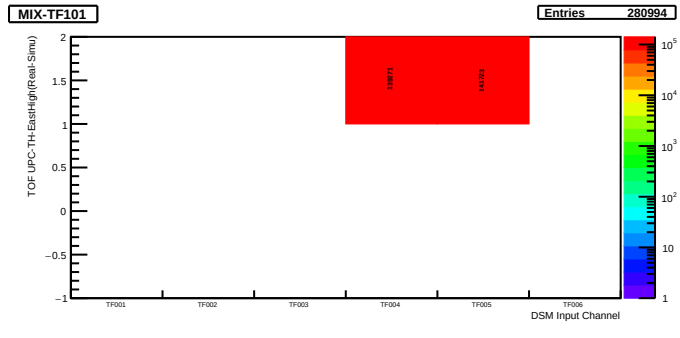

MIX-TF101
Entries 2605578
TOF UPC-TH-WestHigh
306842
312512
284979
309822
290516
316978
327523
321651
319264
334441
343787
323385
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

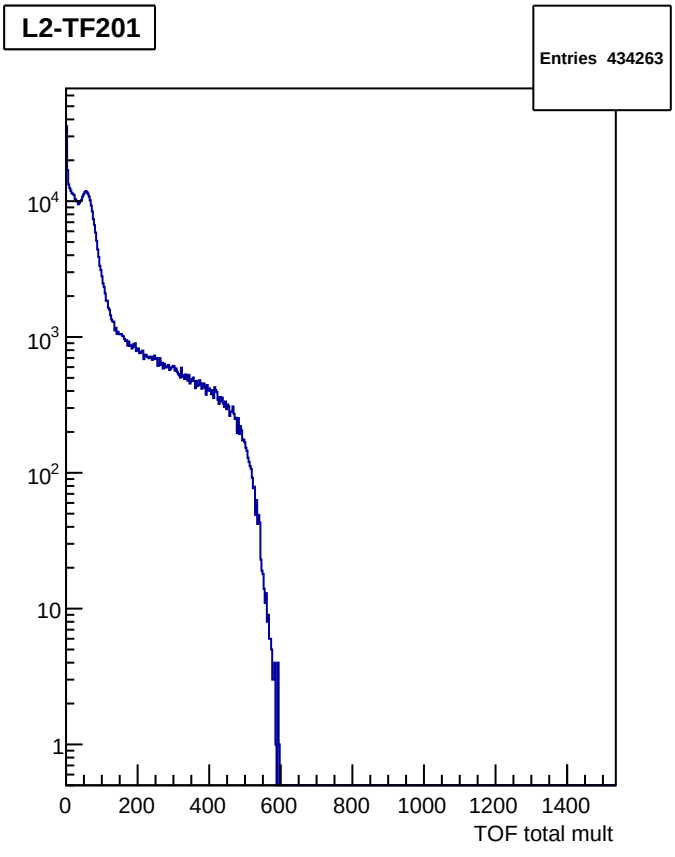

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

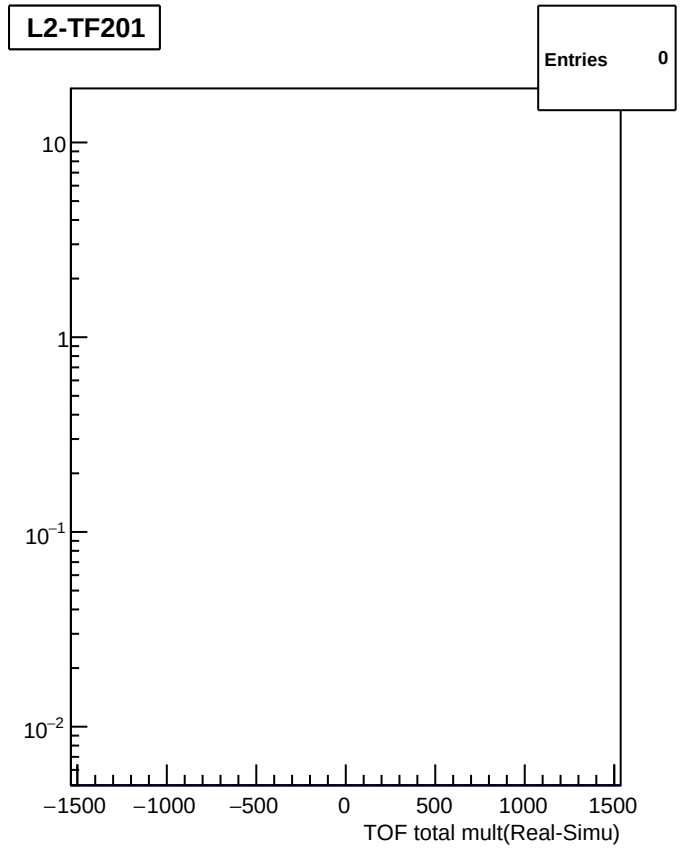

MIX-TF101
Entries 2605578
TOF UPC-TH-EastLow
253177
295088
296949
414583
292583
297947
138126
138175
137514
142500
140316
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

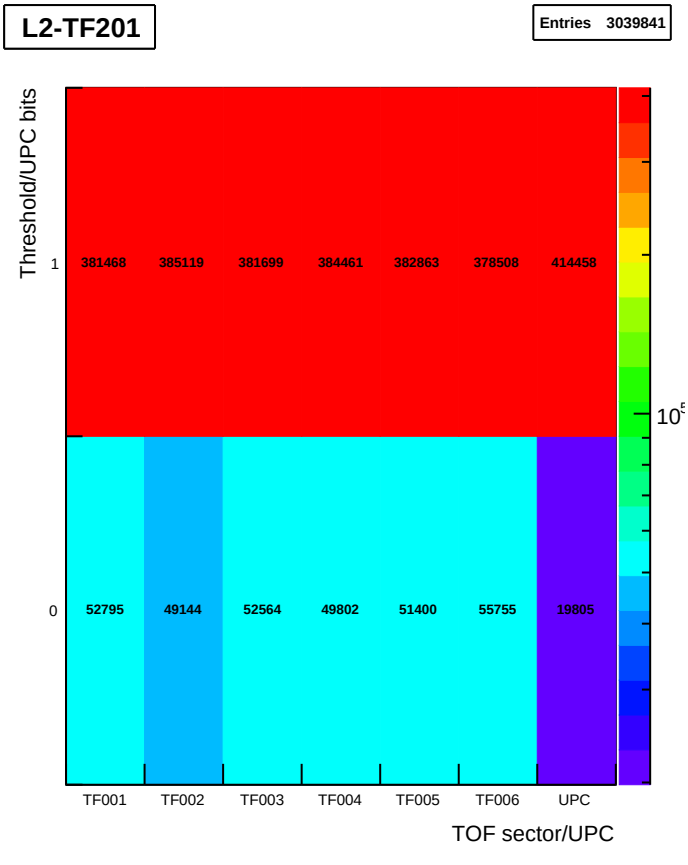

MIX-TF101
Entries 138749
TOF UPC-TH-EastLow(Real-Simu)
138749
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

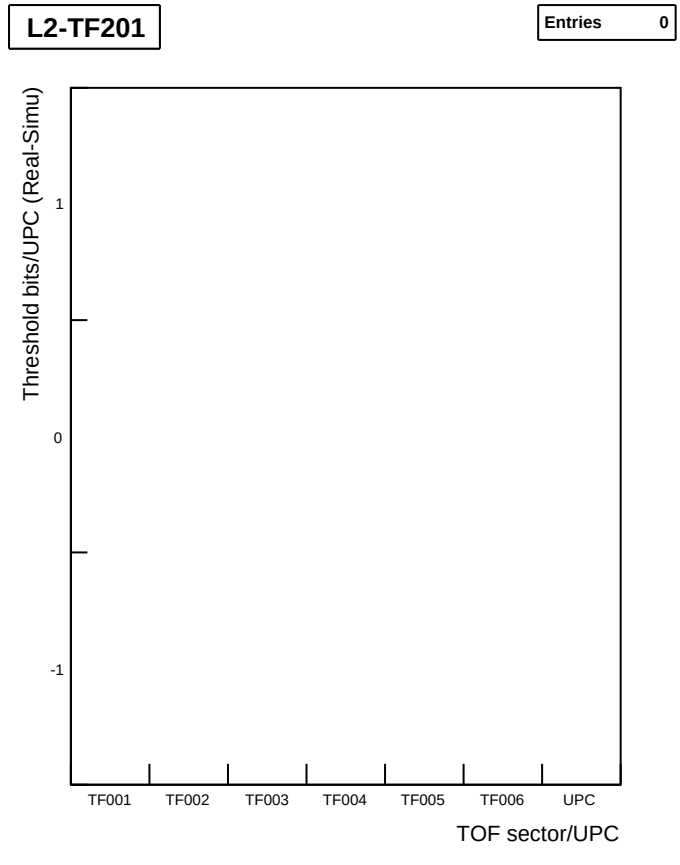

MIX-TF101
Entries 2605578
TOF UPC-TH-EastHigh
292949
295897
296274
414583
414583
295955
143514
143326
137989
144158
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

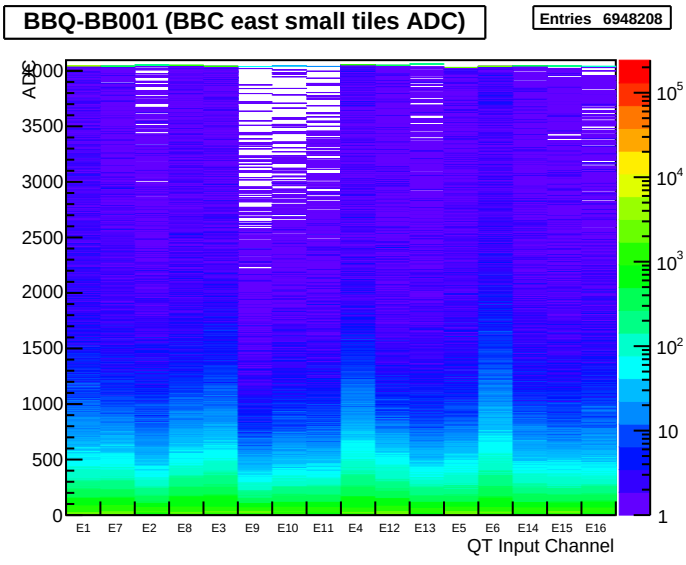

MIX-TF101
Entries 280994
TOF UPC-TH-EastHigh(Real-Simu)
138271
141723
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

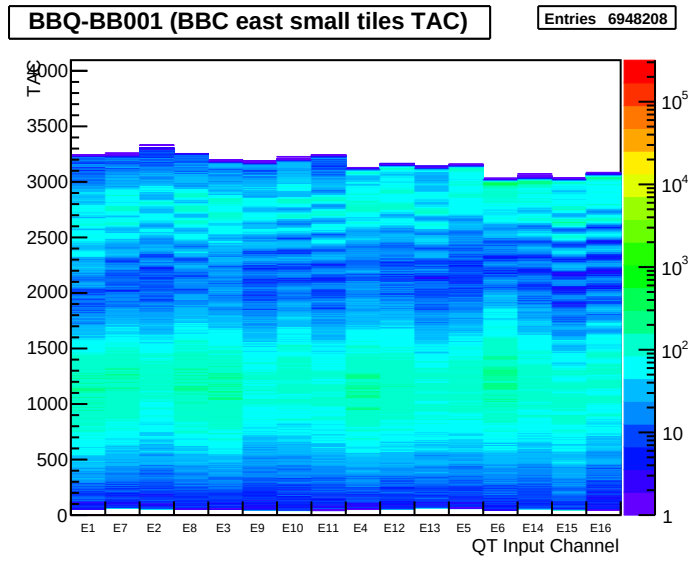

L2-TF201
Entries 434263
TOF total mult

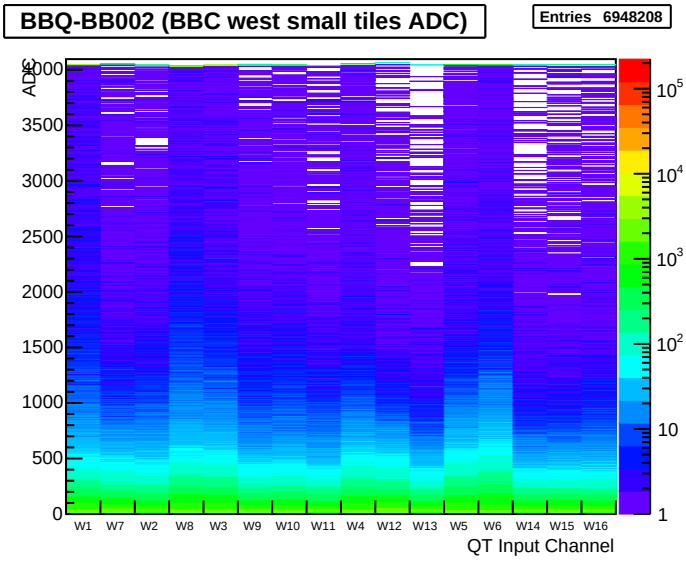

L2-TF201
Entries 0
TOF total mult(Real-Simu)

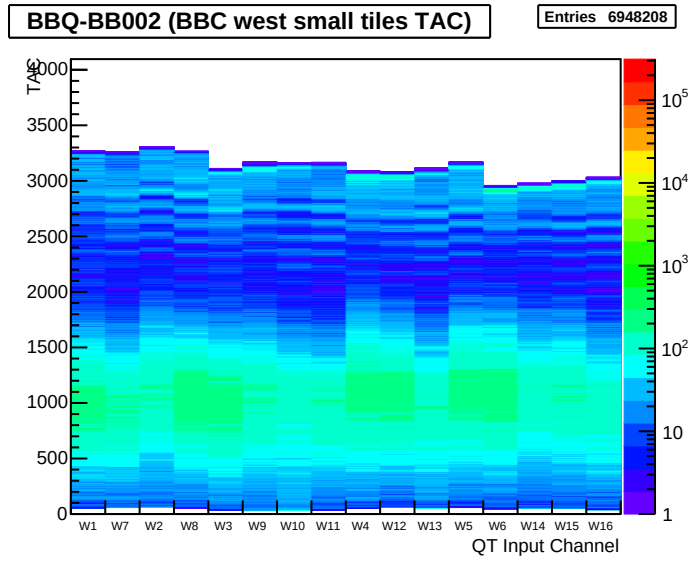

L2-TF201
Entries 3039841
Threshold/UPC bits
381468
385119
381699
384461
382863
378508
414458
52795
49144
52564
49802
51400
55755
19805
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

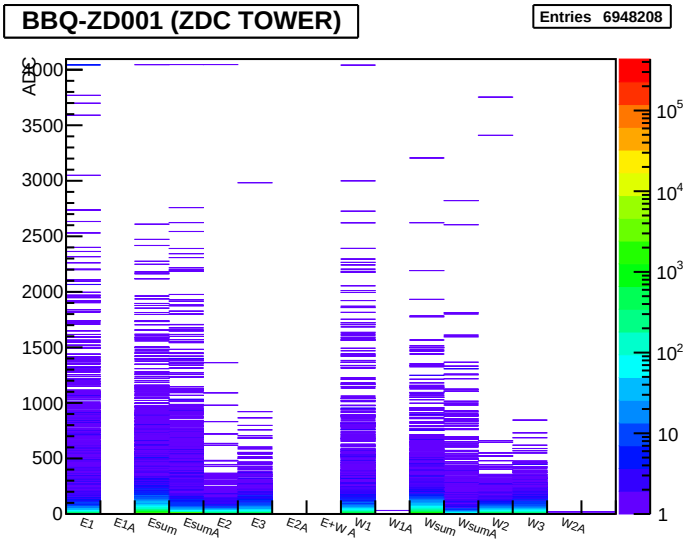

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

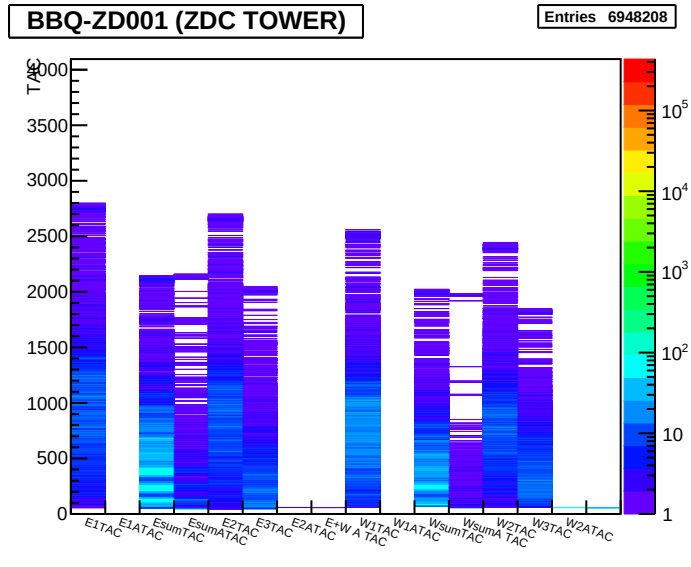

BBQ-BB001 (BBC east small tiles ADC)
Entries 6948208
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

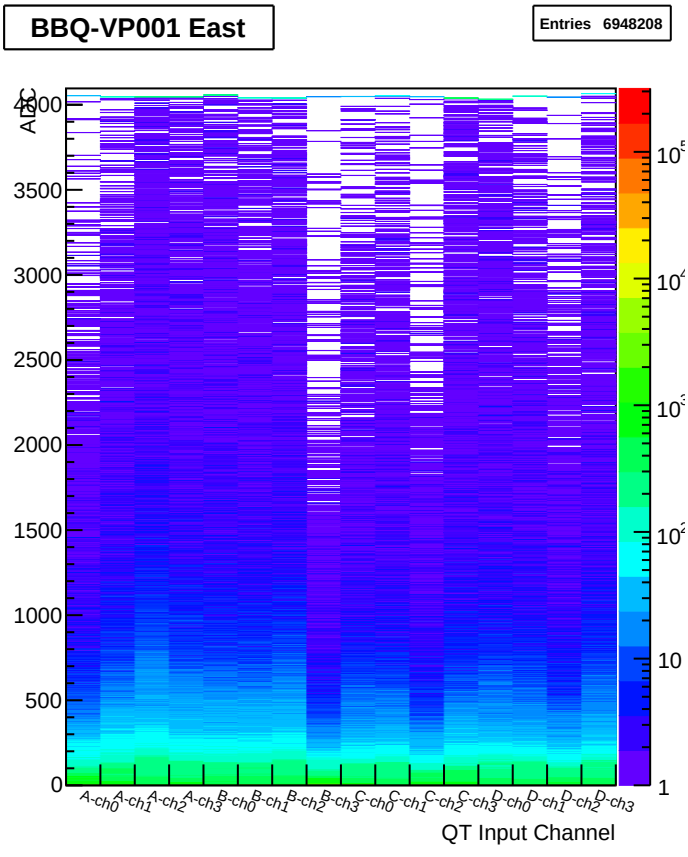

BBQ-BB001 (BBC east small tiles TAC)
Entries 6948208
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

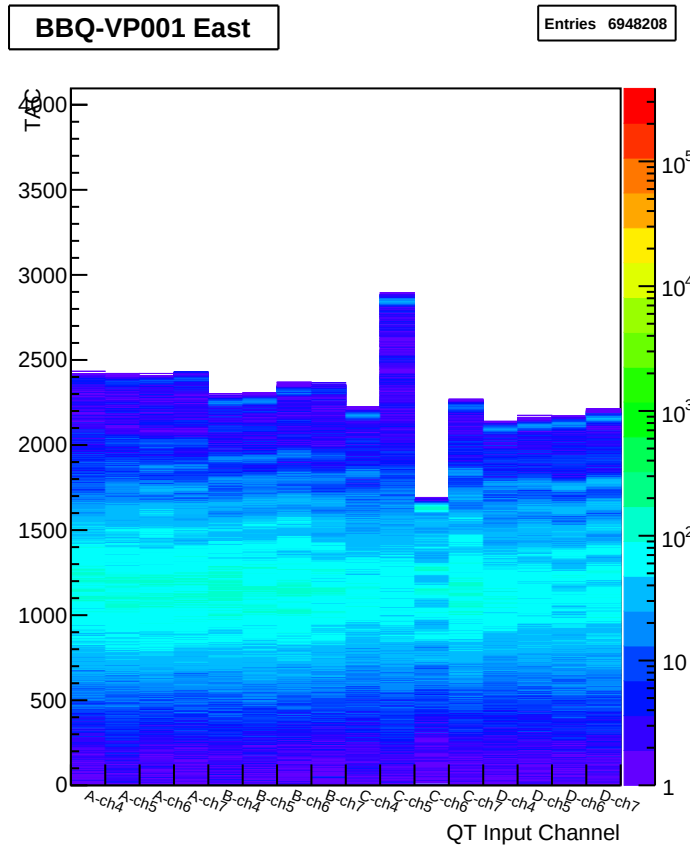

BBQ-BB002 (BBC west small tiles ADC)
Entries 6948208
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

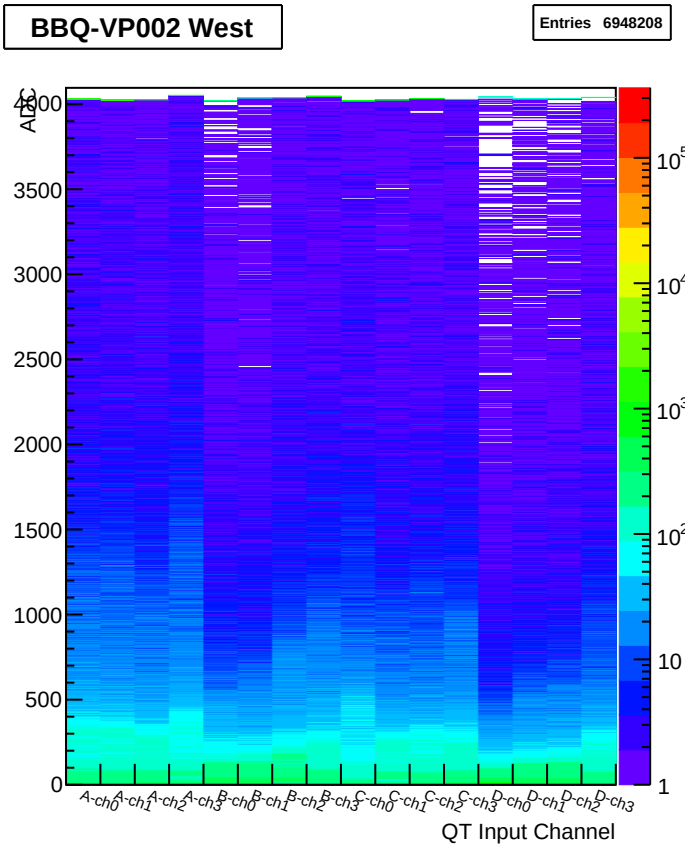

BBQ-BB002 (BBC west small tiles TAC)
Entries 6948208
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

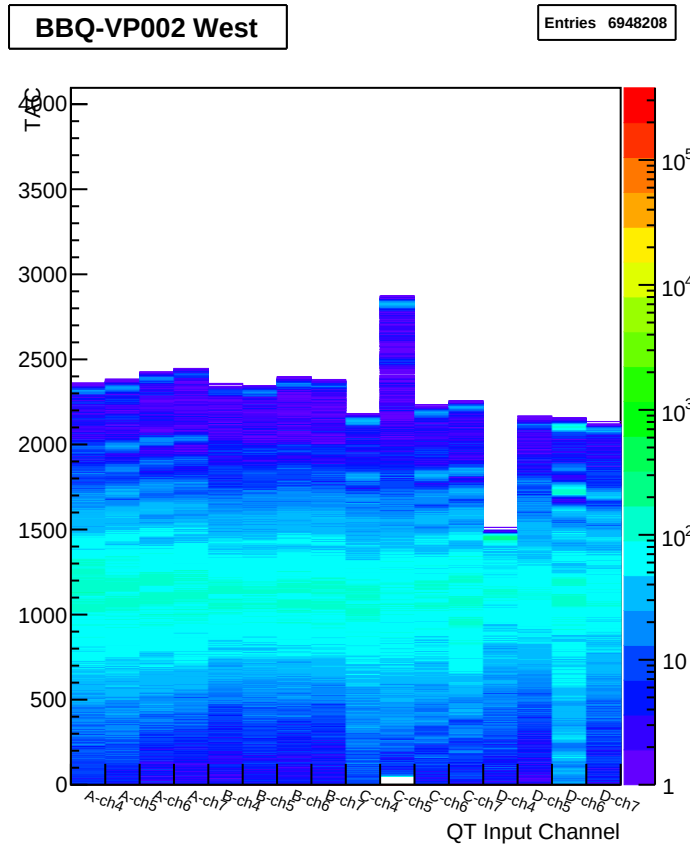

BBQ-ZD001 (ZDC TOWER)
Entries 6948208
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

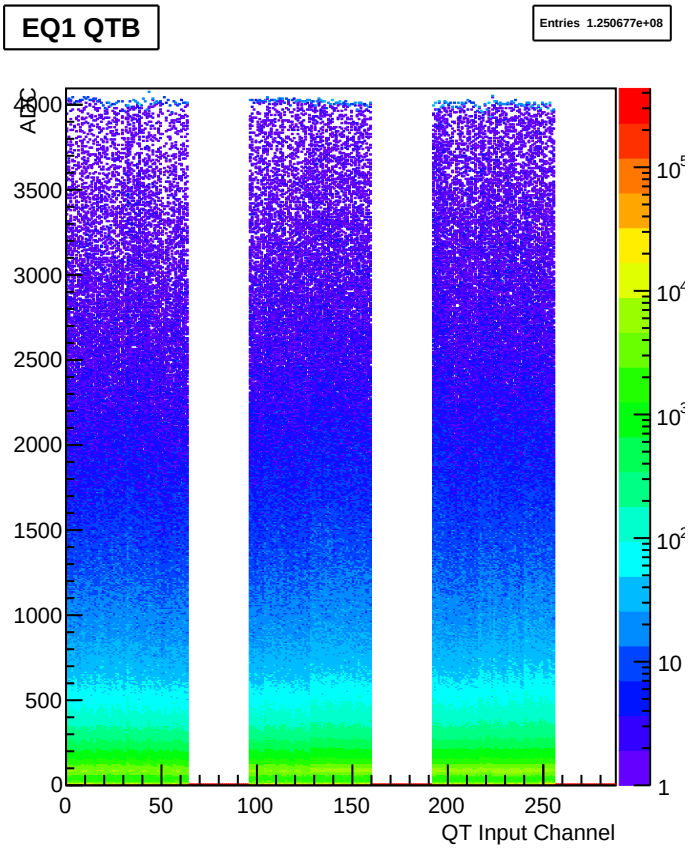

BBQ-ZD001 (ZDC TOWER)
Entries 6948208
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

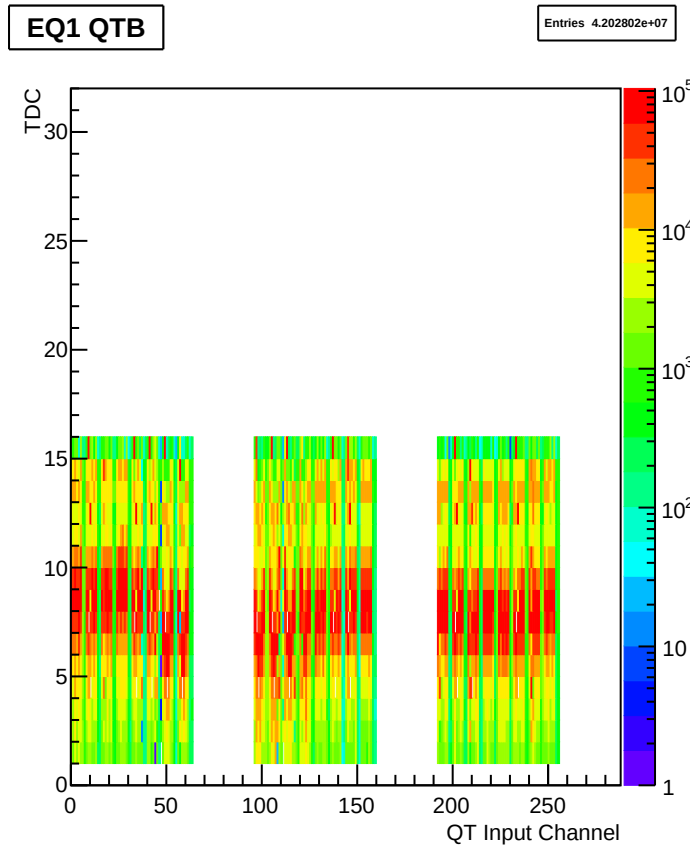

BBQ-VP001 East
Entries 6948208
ADC
QT Input Channel

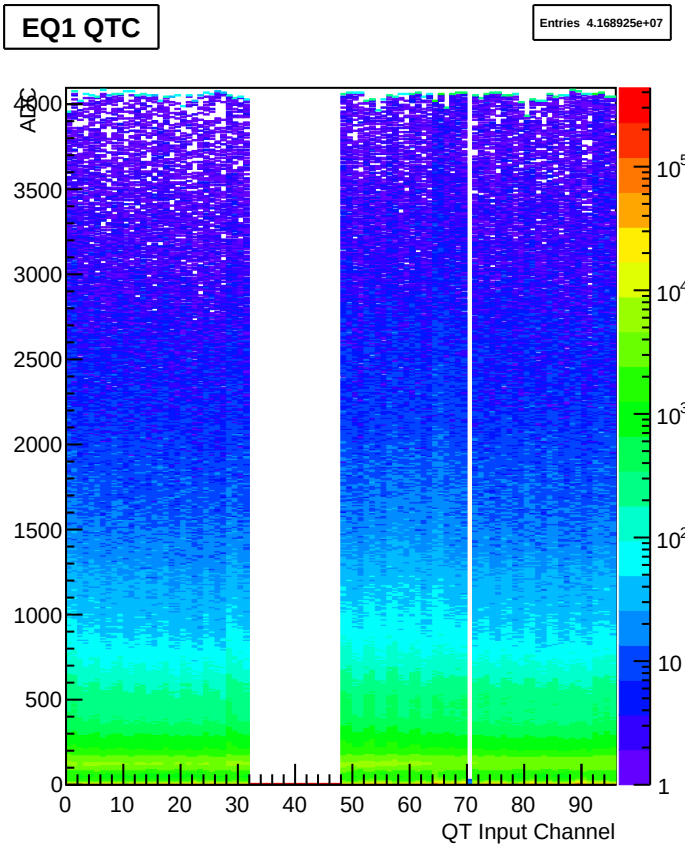

BBQ-VP001 East
Entries 6948208
TADC
QT Input Channel

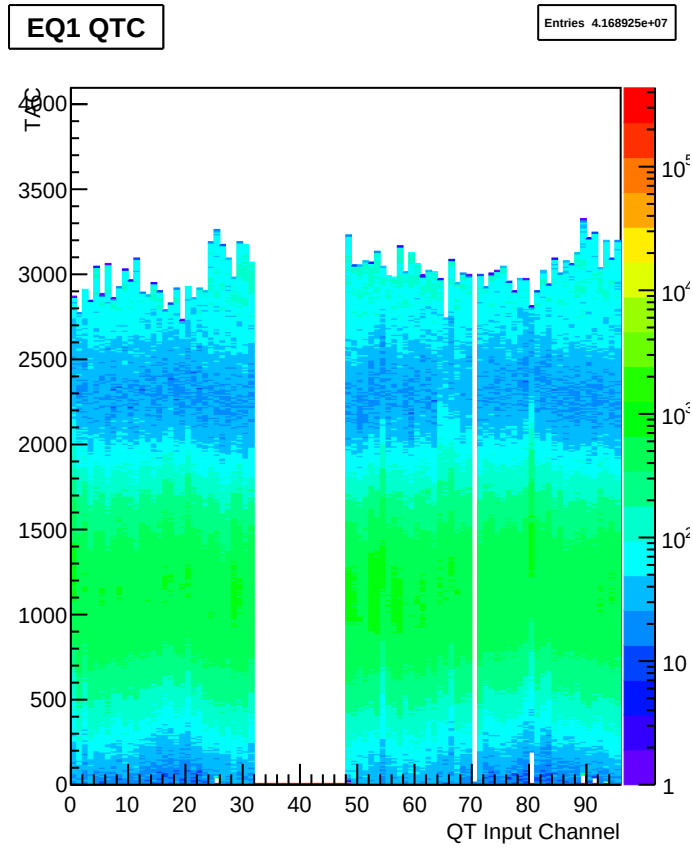

BBQ-VP002 West
Entries 6948208
ADC
QT Input Channel

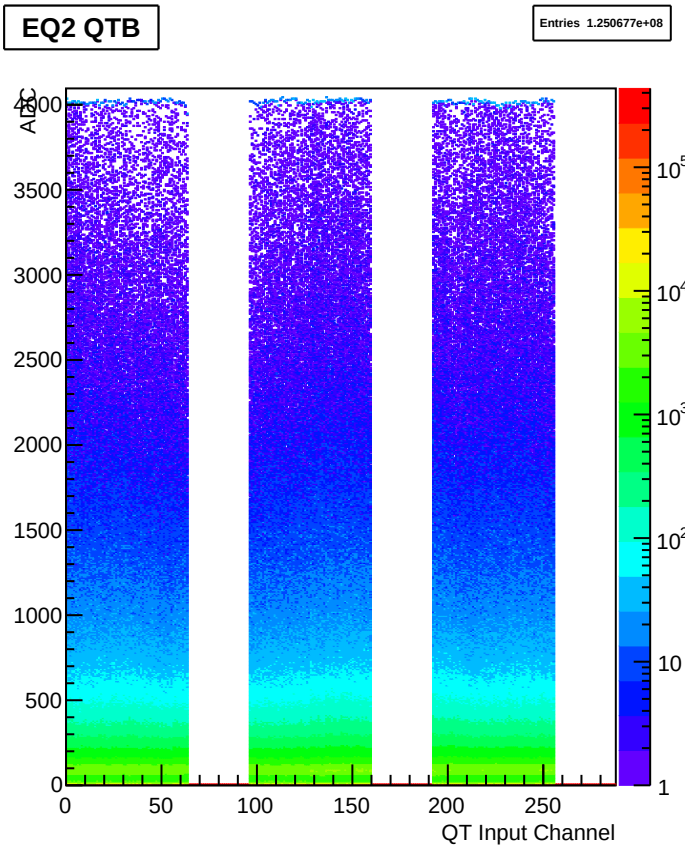

BBQ-VP002 West
Entries 6948208
TADC
QT Input Channel

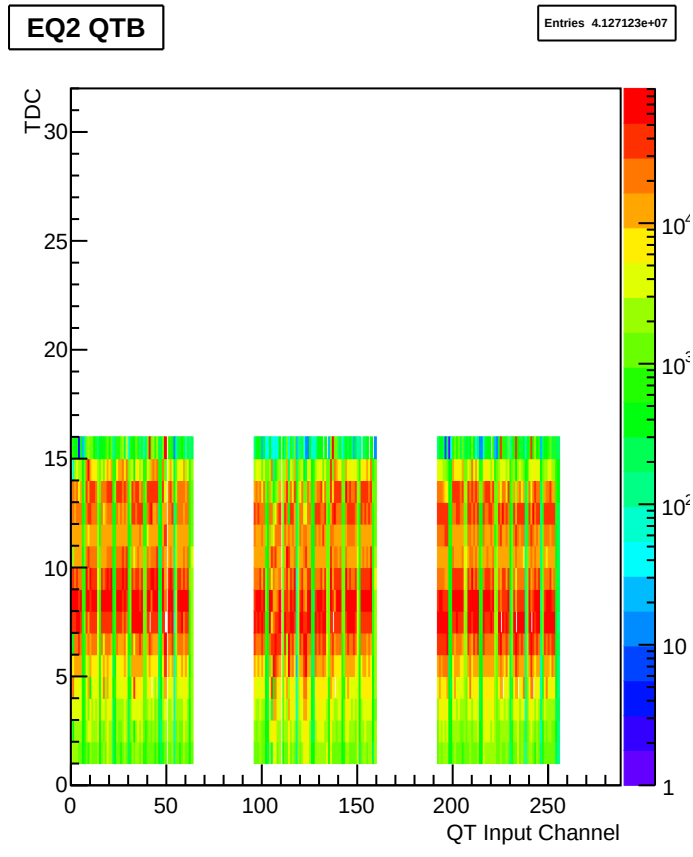

EQ1 QTB
Entries 1.250677e+08
ADC
QT Input Channel

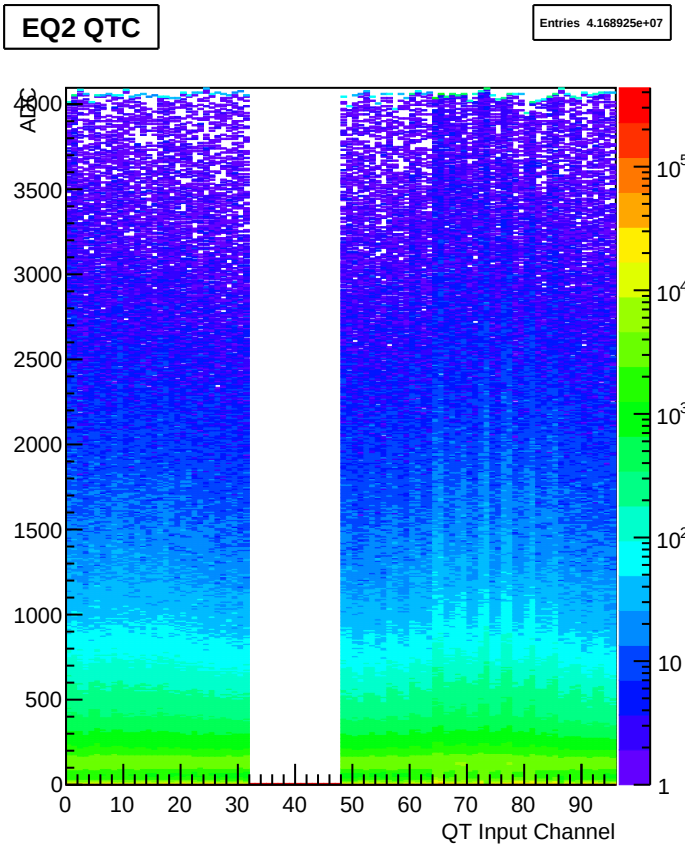

EQ1 QTB
Entries 4.202802e+07
TDC
QT Input Channel

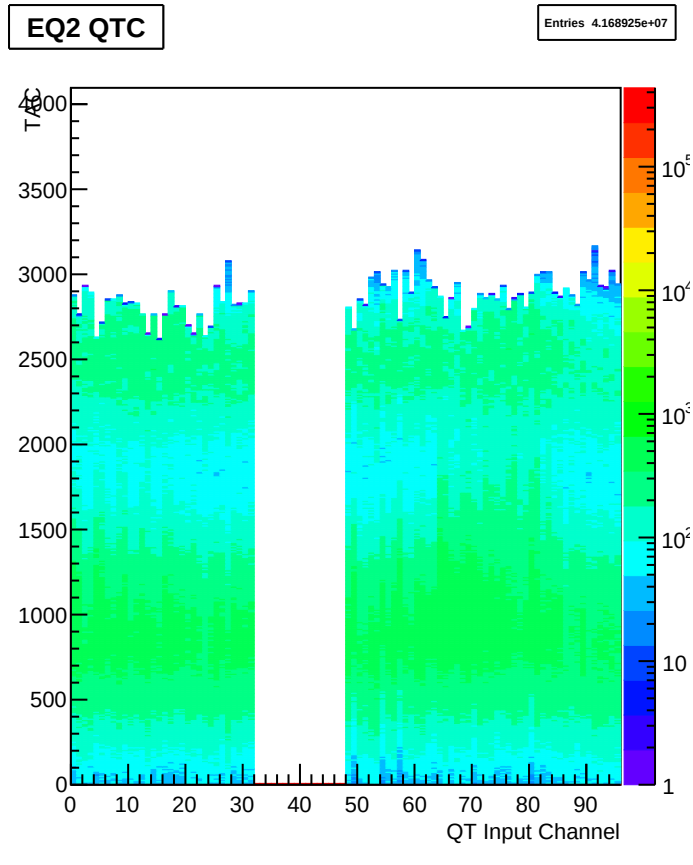

EQ1 QTC
Entries 4.168925e+07
ADC
QT Input Channel

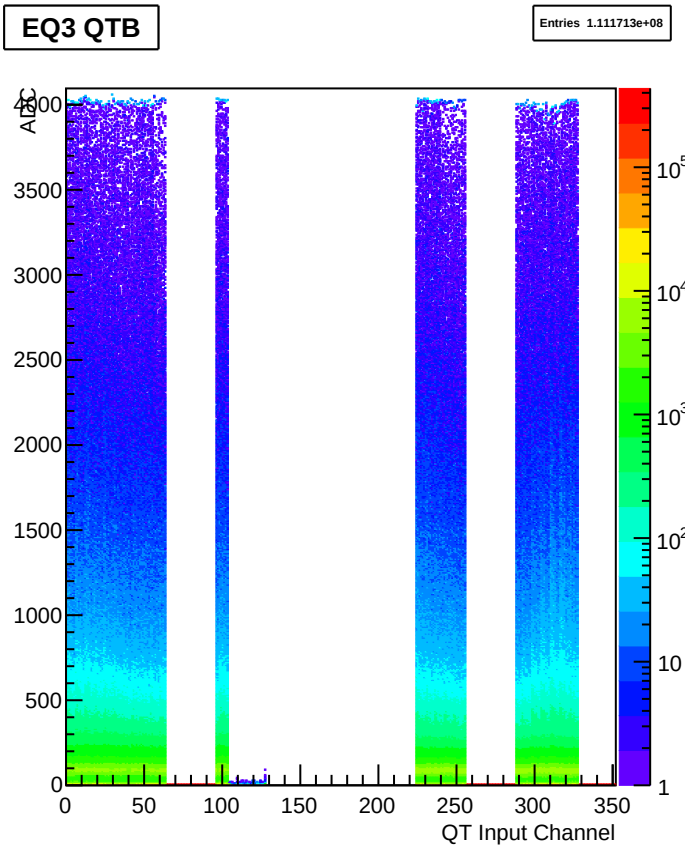

EQ1 QTC
Entries 4.168925e+07
TADC
QT Input Channel

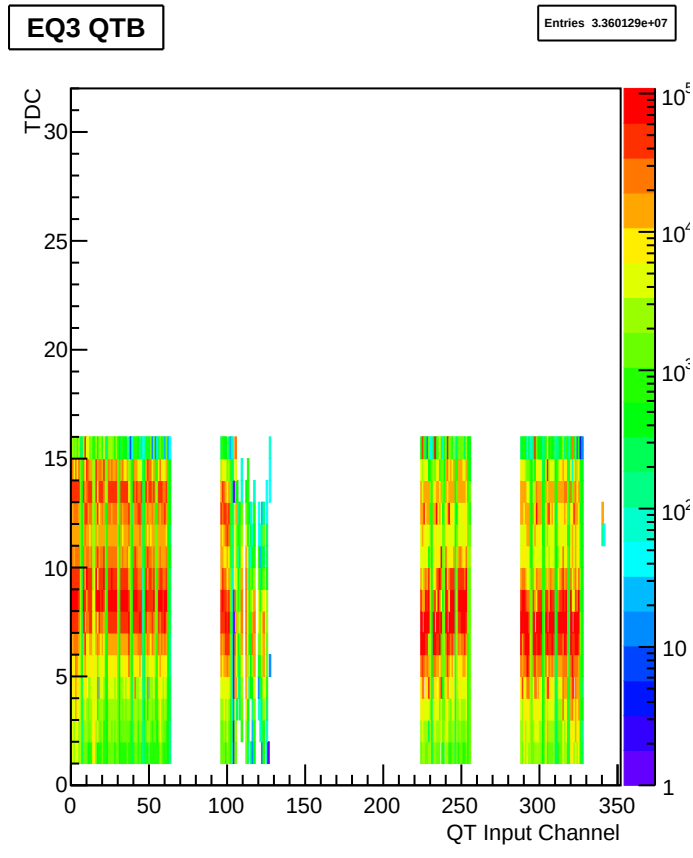

EQ2 QTB
Entries 1.250677e+08
ADC
QT Input Channel

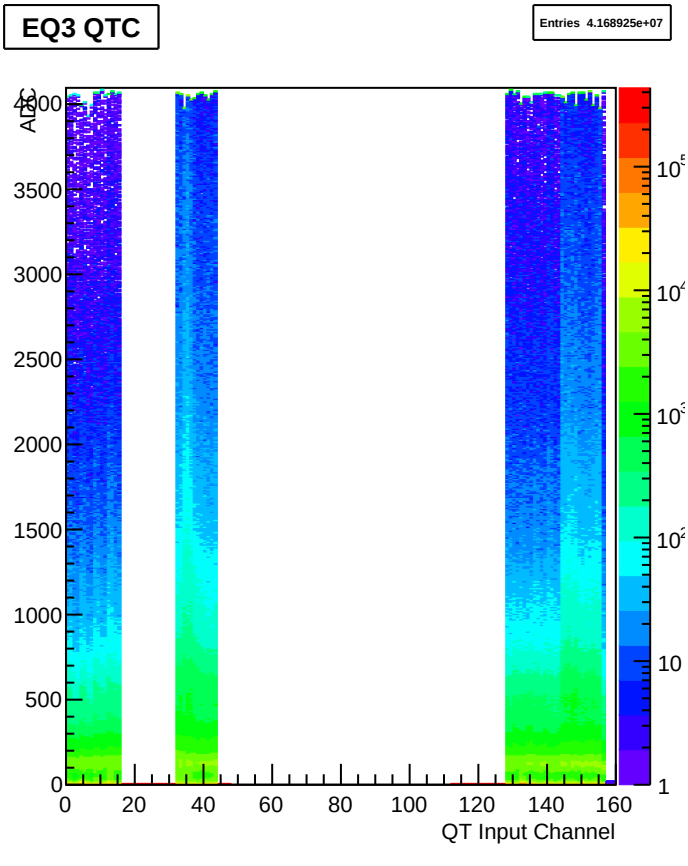

EQ2 QTB
Entries 4.127123e+07
TDC
QT Input Channel

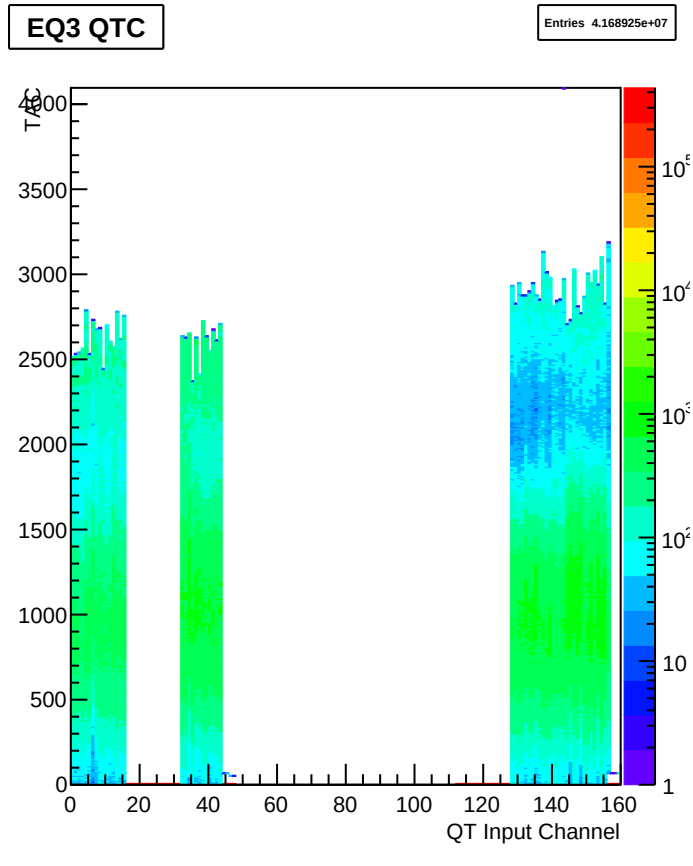

EQ2 QTC
Entries 4.168925e+07
ADC
QT Input Channel

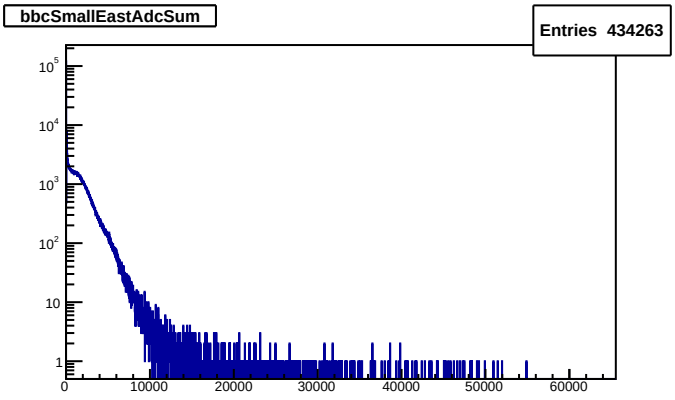

EQ2 QTC
Entries 4.168925e+07
TADC
QT Input Channel

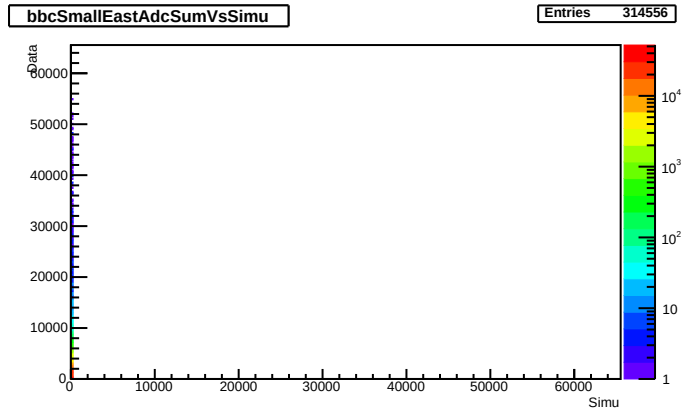

EQ3 QTB
Entries 1.111713e+08
ADC
QT Input Channel

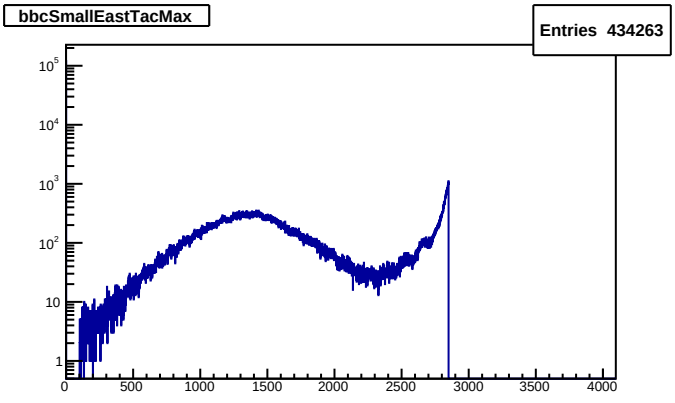

EQ3 QTB
Entries 3.360129e+07
TDC
QT Input Channel

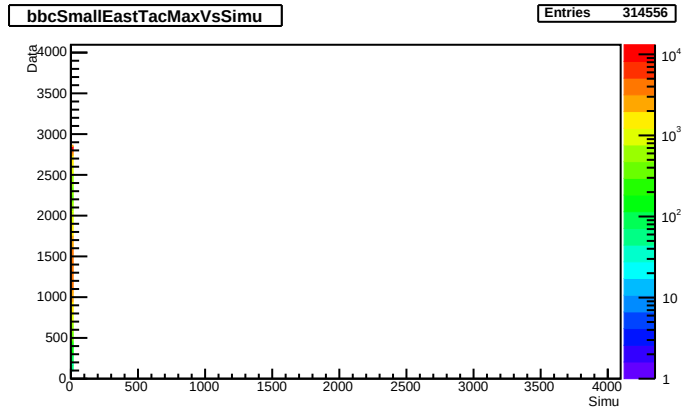

EQ3 QTC
Entries 4.168925e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.168925e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 434263


bbcSmallEastAdcSumVsSimu
Entries 314556
Data
Simu


bbcSmallEastTacMax
Entries 434263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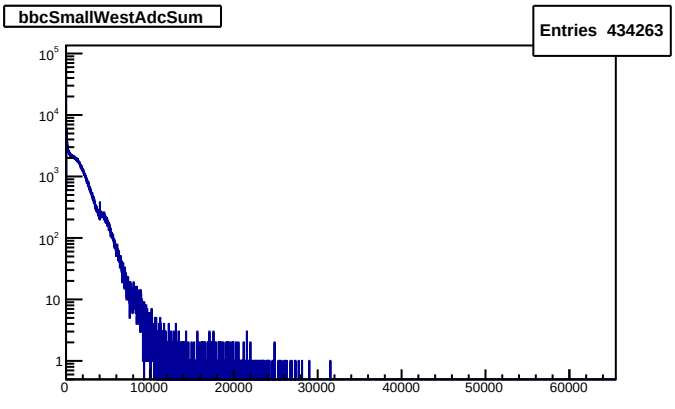
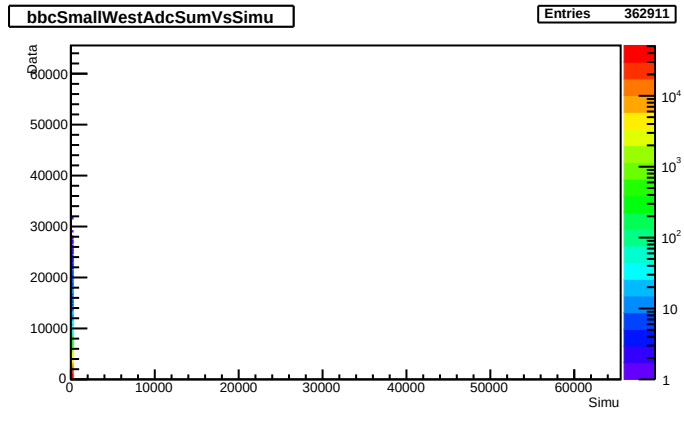
Entries 314556
Data
Simu


bbcSmallWestAdcSum
Entries 434263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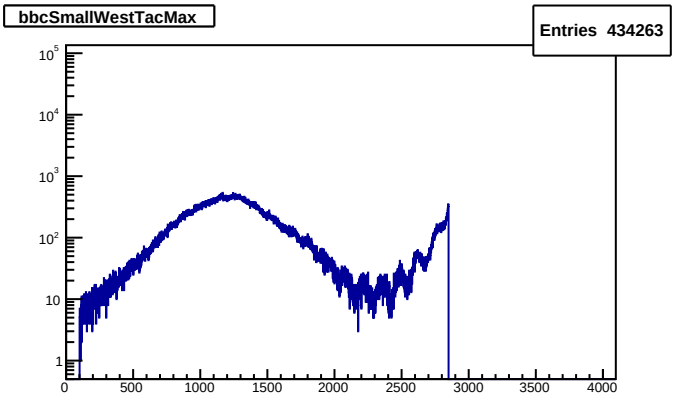
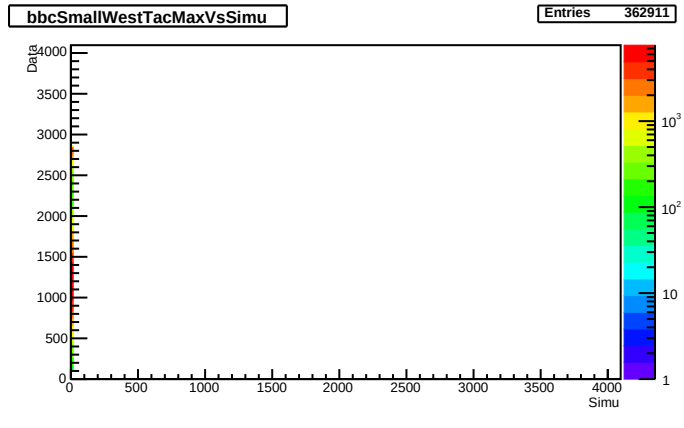
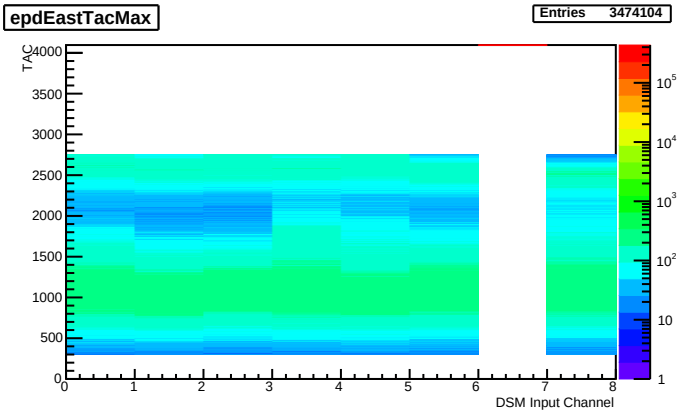
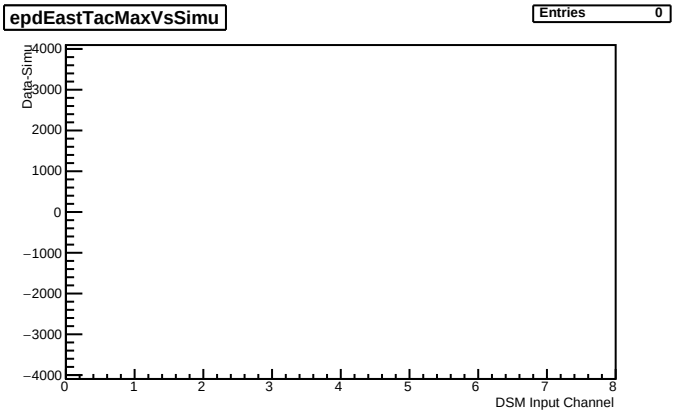
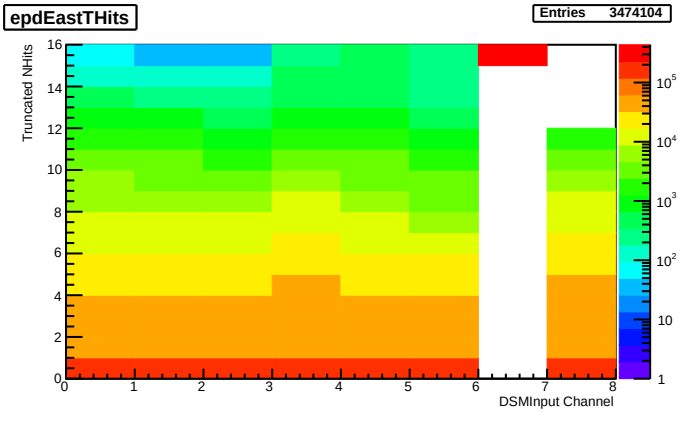
Entries 362911
Data
Simu

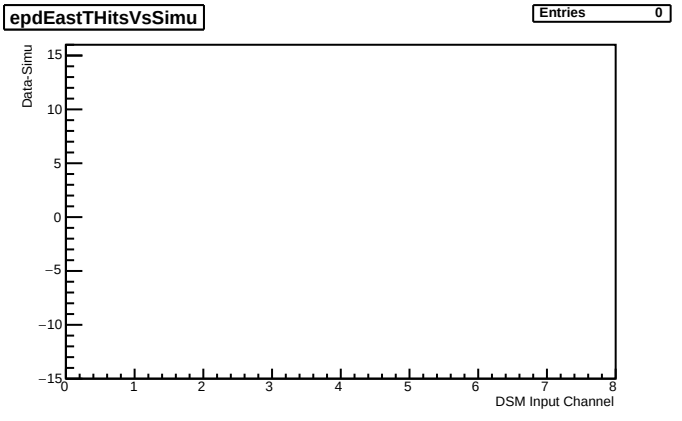

bbcSmallWestTacMax
Entries 434263


bbcSmallWestTacMaxVsSimu
Entries 362911
Data
Simu


epdEastTacMax
Entries 3474104
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3474104
Truncated NHits
DSMInput Channel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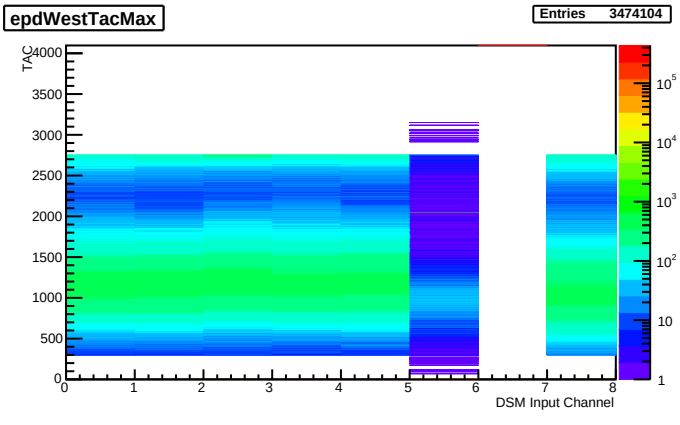
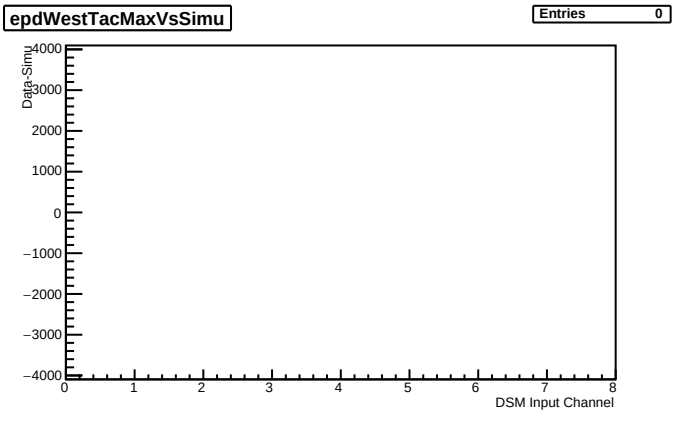
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3474104
TAC
DSM Input Channel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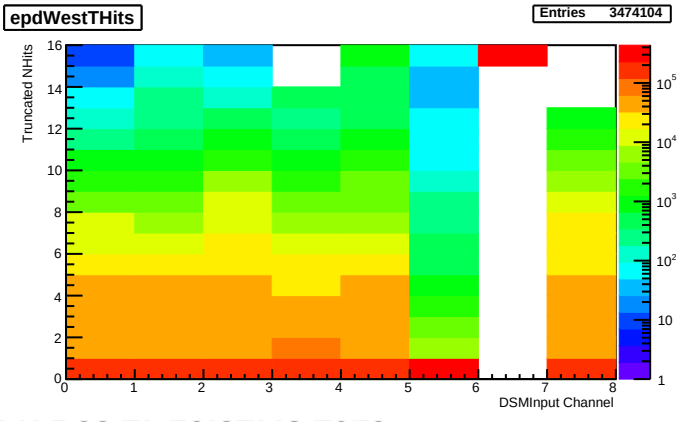
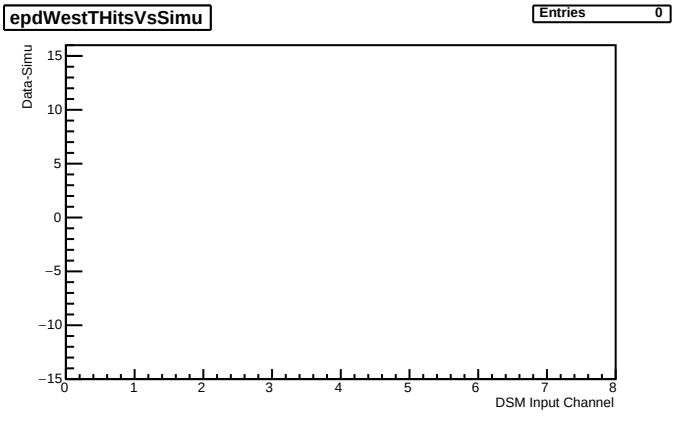
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3474104
Truncated NHits
DSMInput Channel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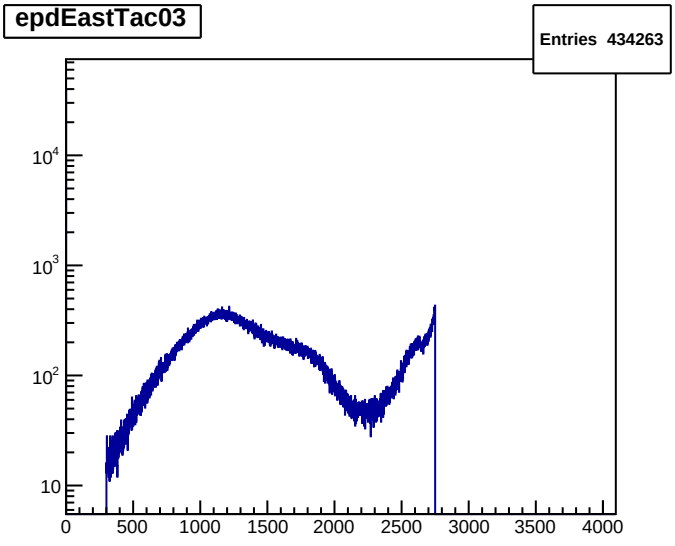
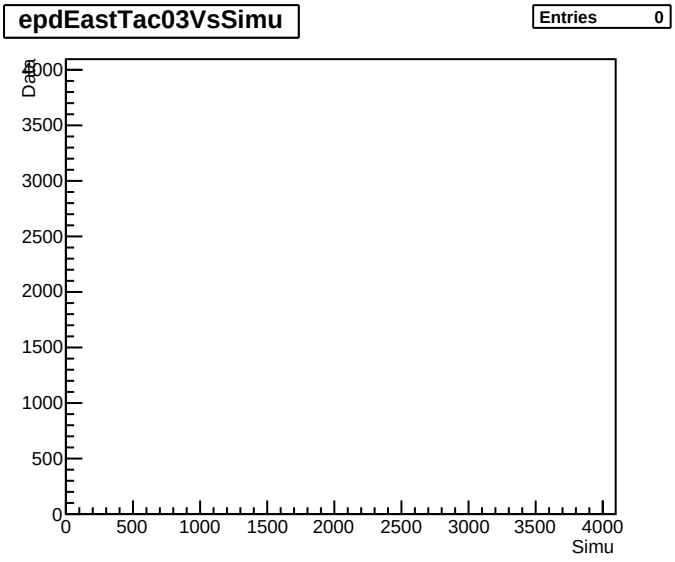
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 434263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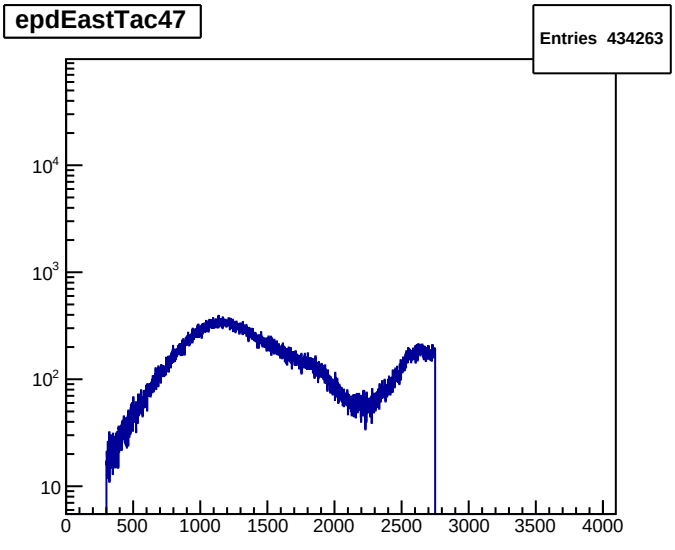
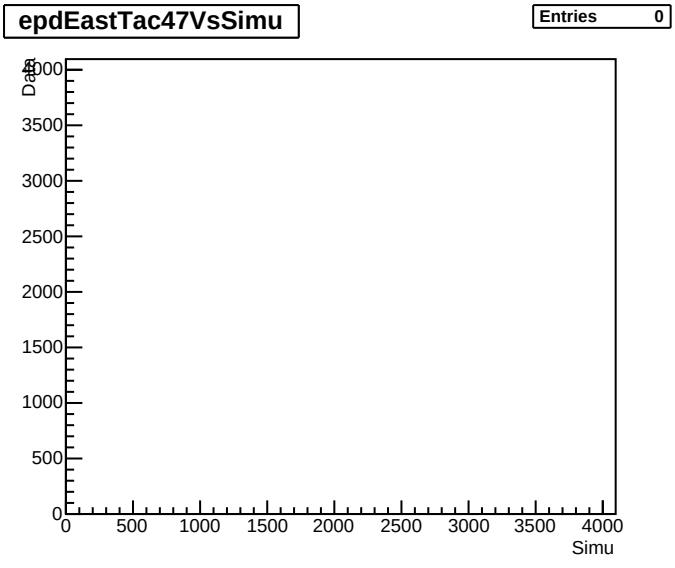
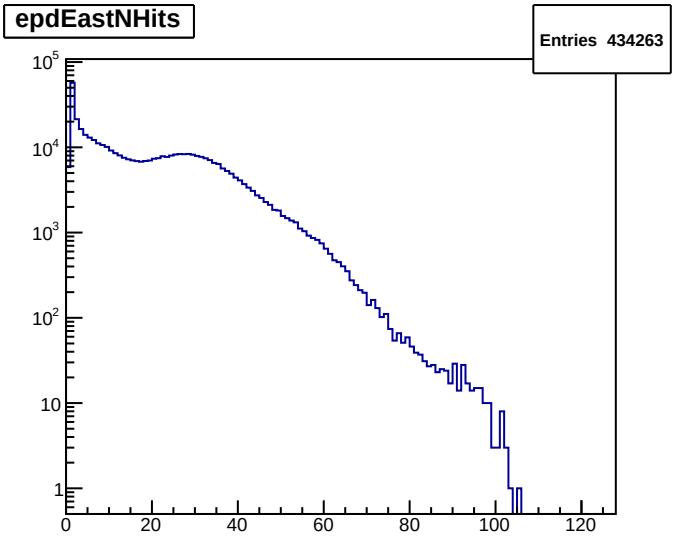
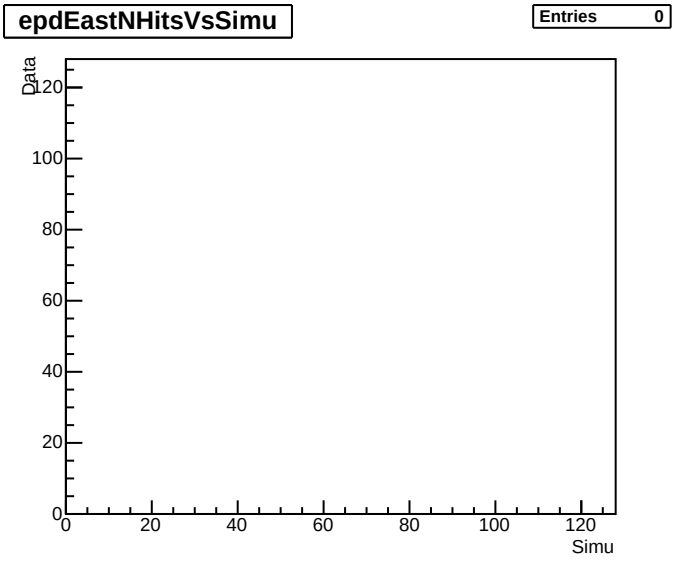
Entries 0
Data
Simu


epdEastTac47
Entries 434263


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 434263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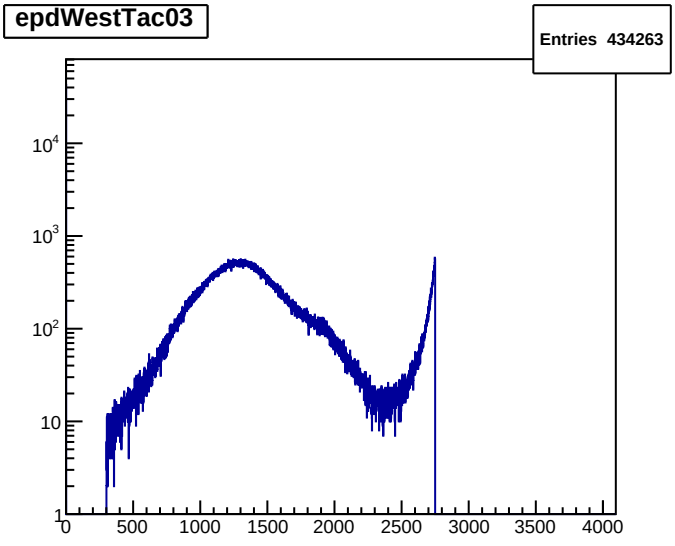
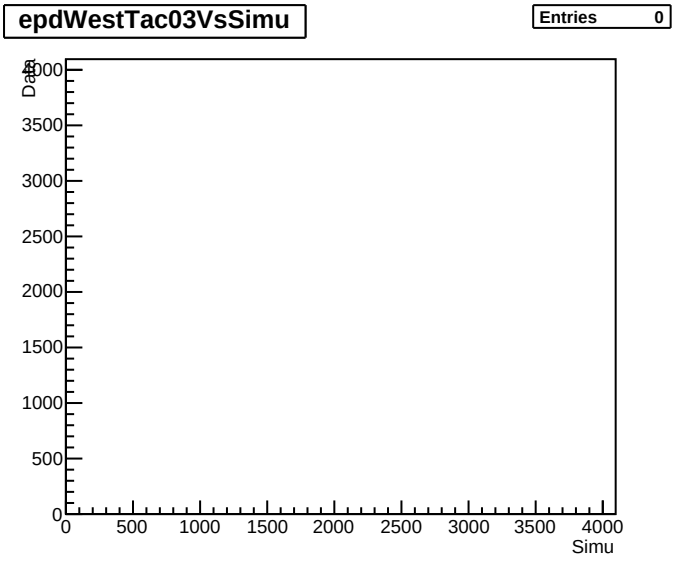
Entries 0
Data
Simu


epdWestTac03
Entries 434263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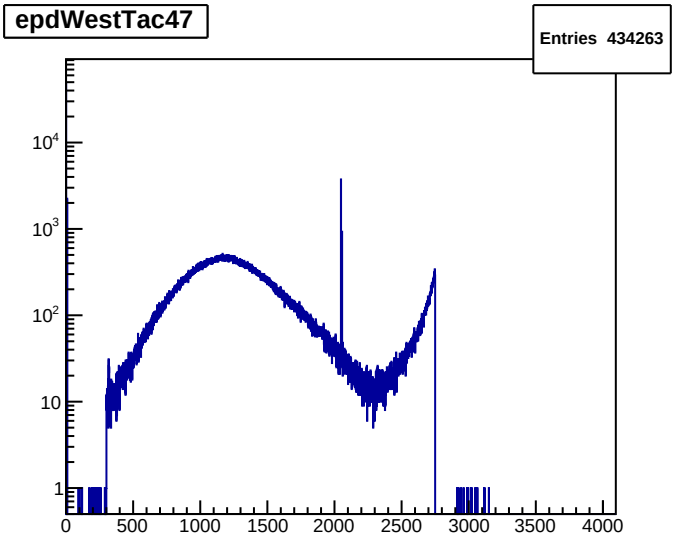
Entries 0
Data
Simu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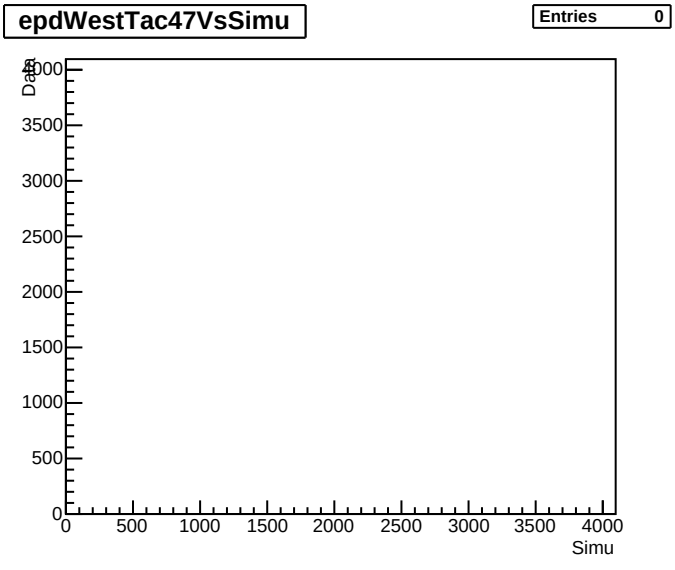
Entries 434263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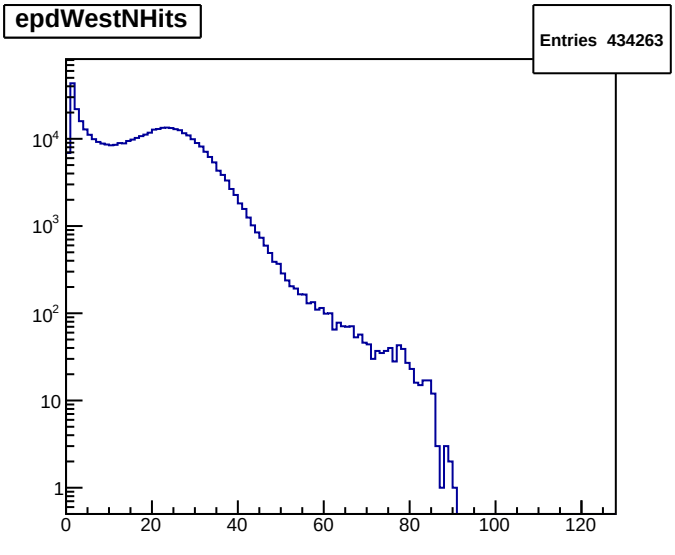
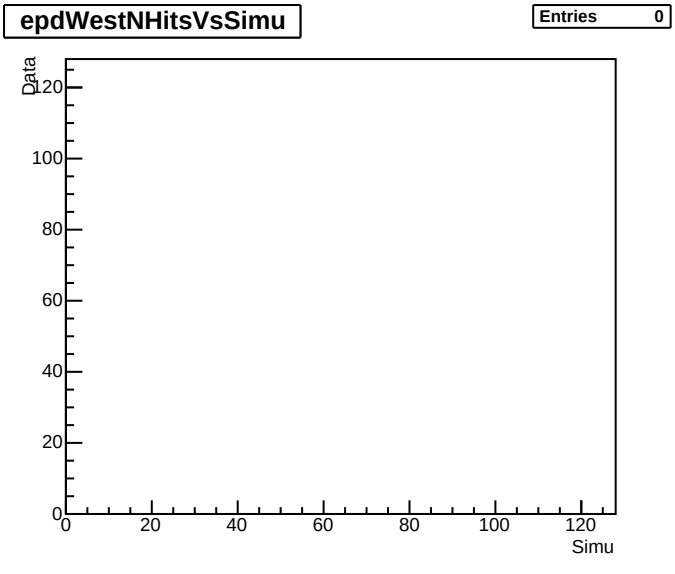
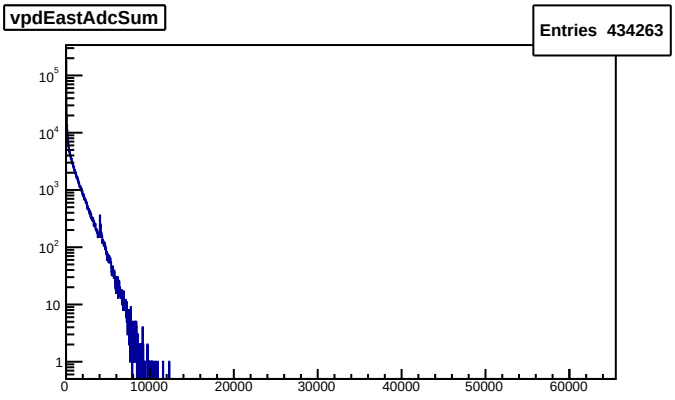
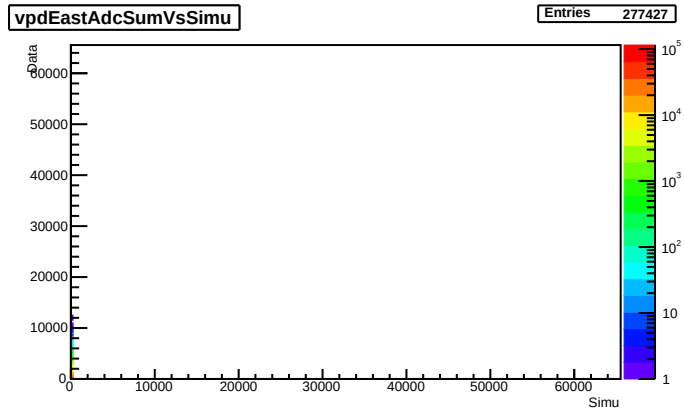
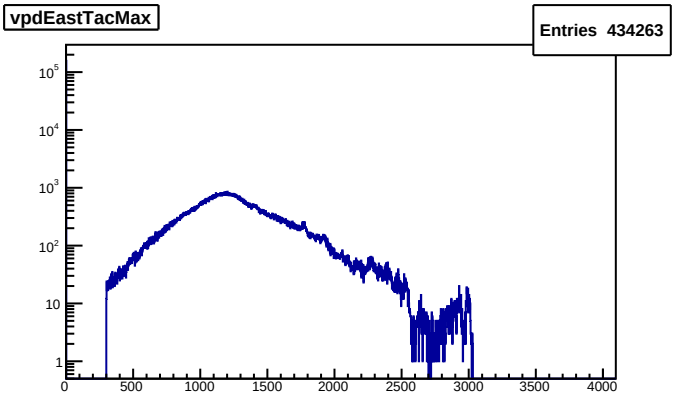
Entries 0
Data
Simu

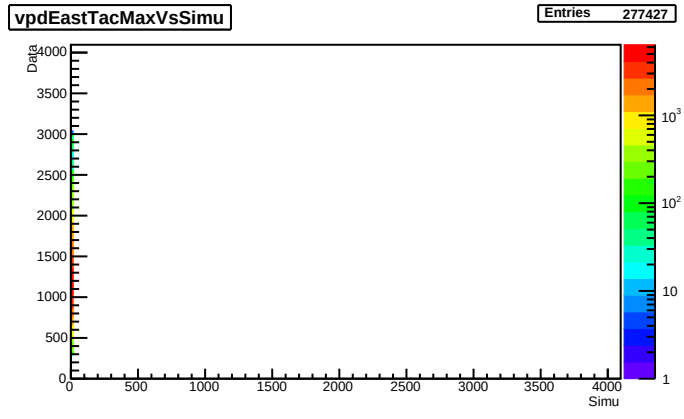

epdWestNHits
Entries 434263

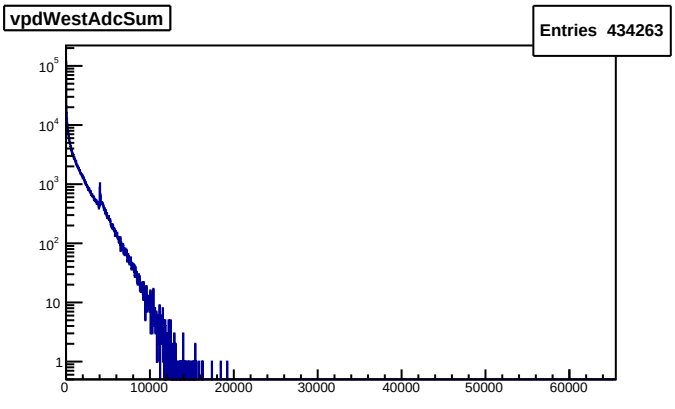

epdWestNHitsVsSimu
Entries 0
Data
Simu

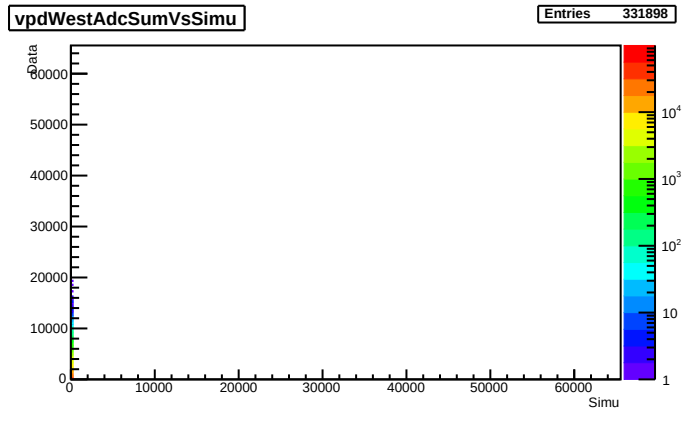

vpdEastAdcSum
Entries 434263

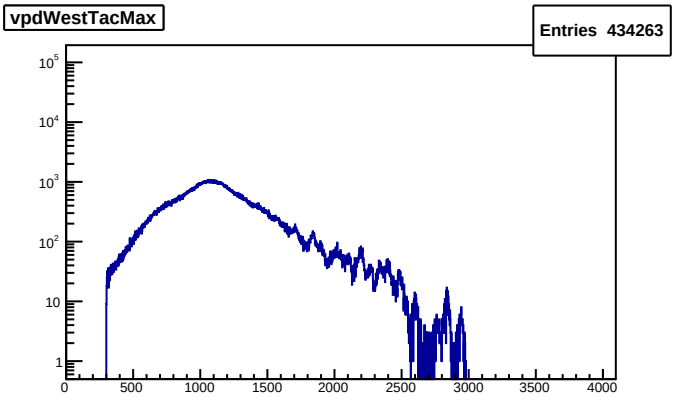

vpdEastAdcSumVsSimu
Entries 277427
Data
Simu

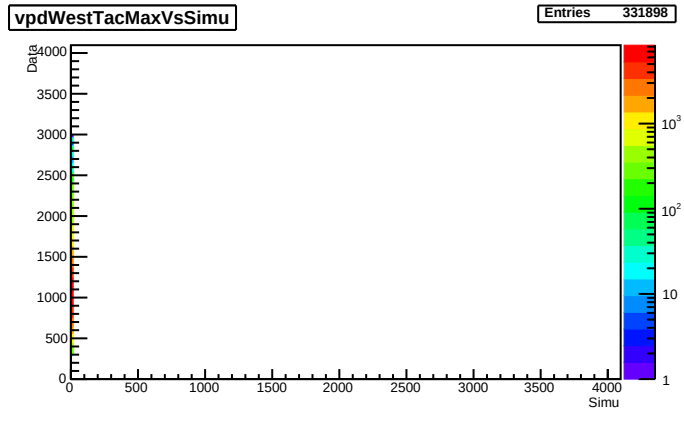

vpdEastTacMax
Entries 434263

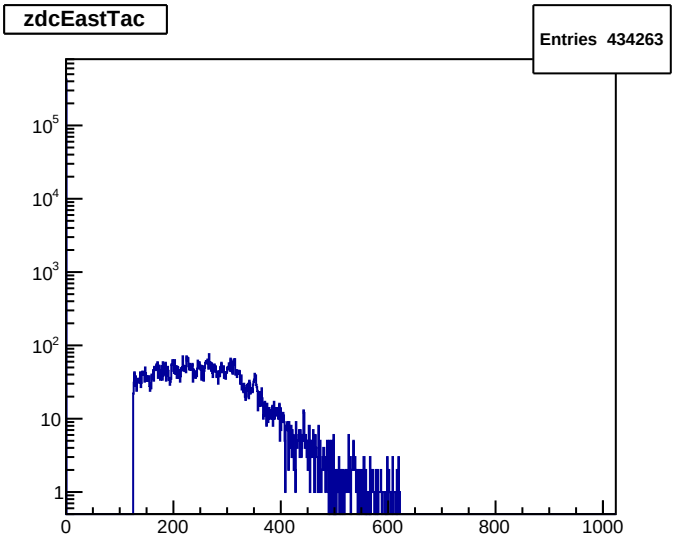

vpdEastTacMaxVsSimu
Entries 277427
Data
Simu

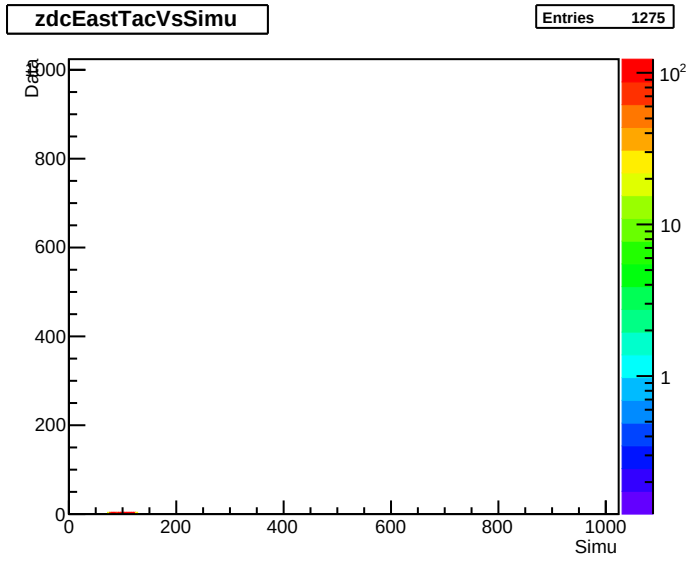

vpdWestAdcSum
Entries 434263

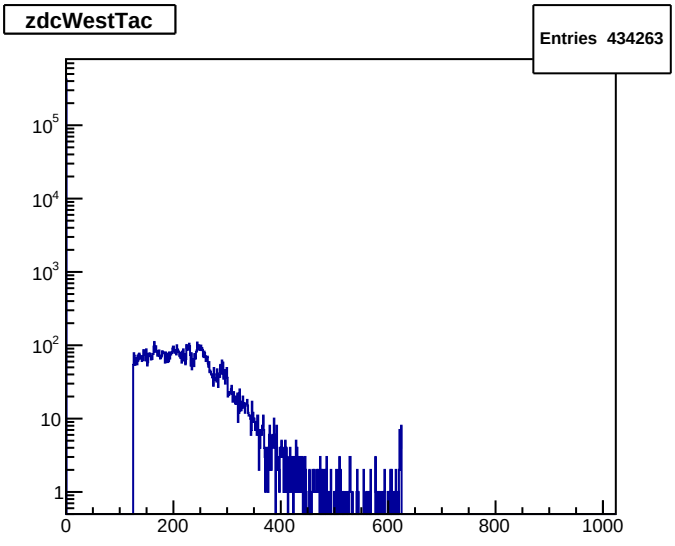

vpdWestAdcSumVsSimu
Entries 331898
Data
Simu

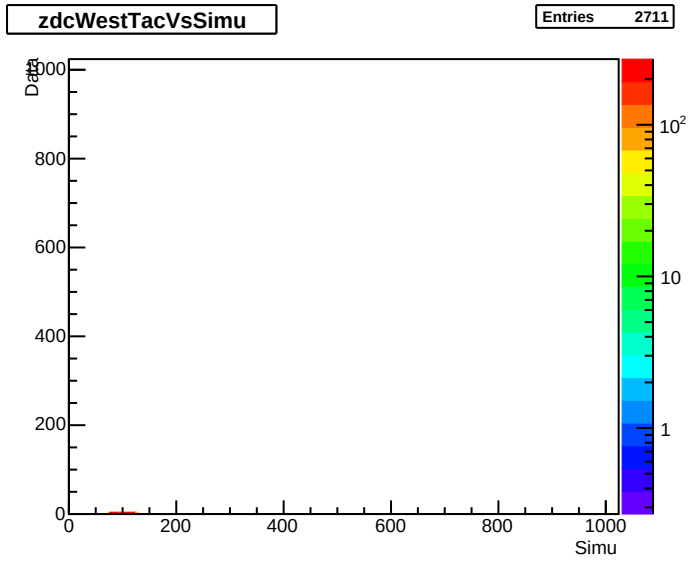

vpdWestTacMax
Entries 434263

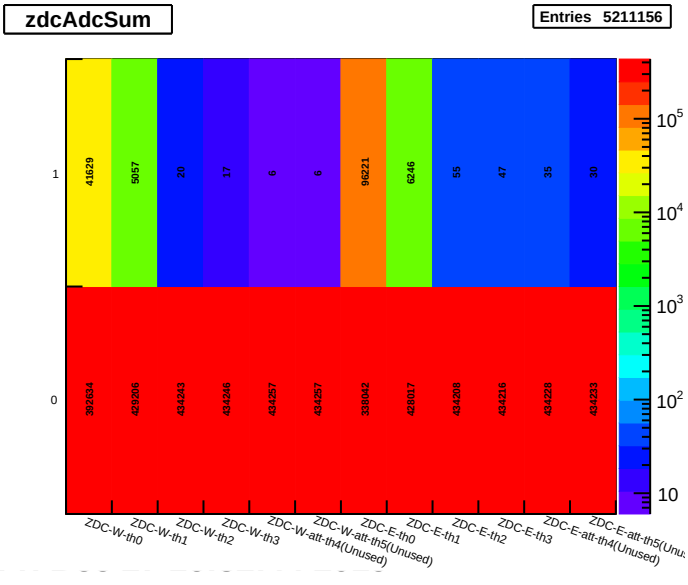

vpdWestTacMaxVsSimu
Entries 331898
Data
Simu

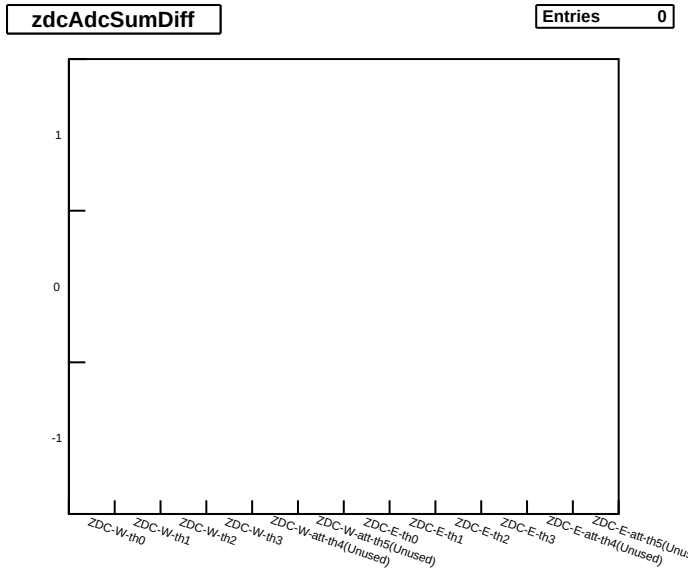

zdcEastTac
Entries 434263

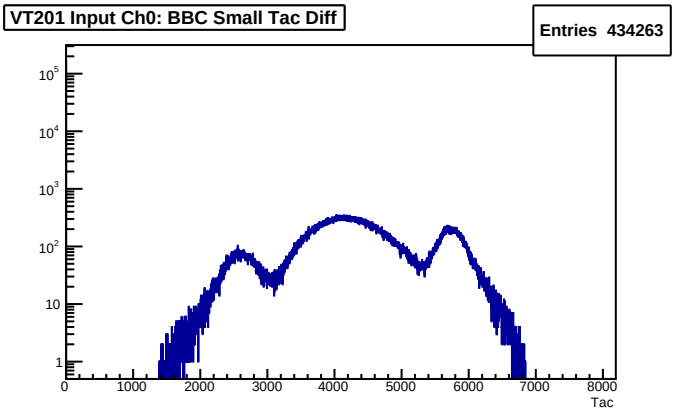

zdcEastTacVsSimu
Entries 1275
Data
Simu

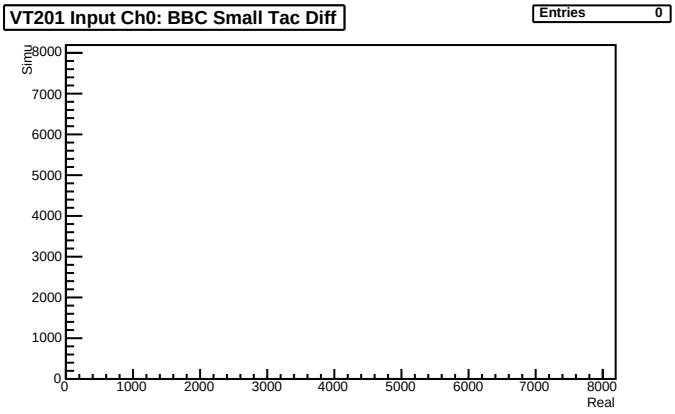

zdcWestTac
Entries 434263

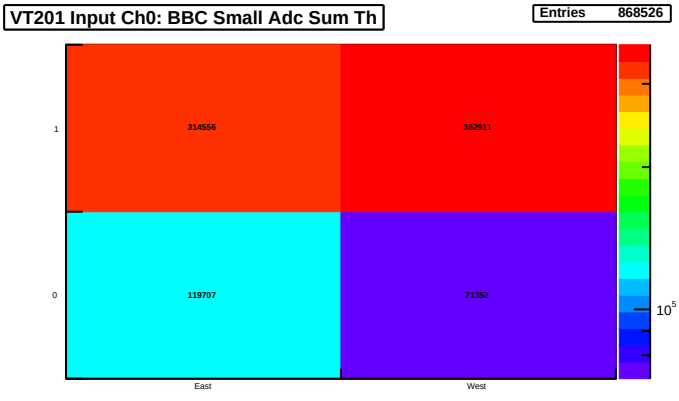

zdcWestTacVsSimu
Entries 2711
Data
Simu

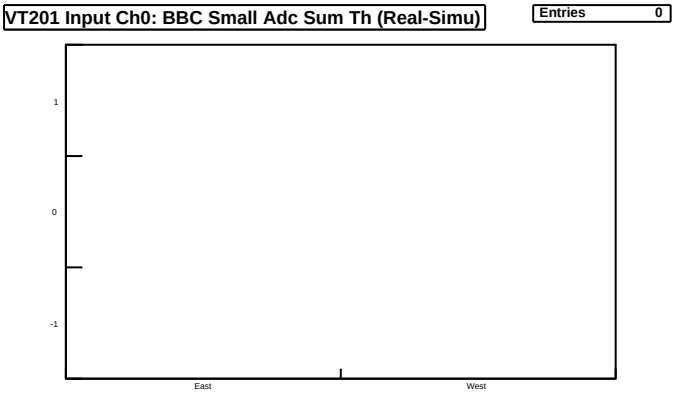

zdcAdcSum
Entries 5211156
41629
5057
20
17
6
6
96221
6246
55
47
35
30
392634
429206
434243
434246
434257
434257
338042
428017
434208
434216
434228
434233
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

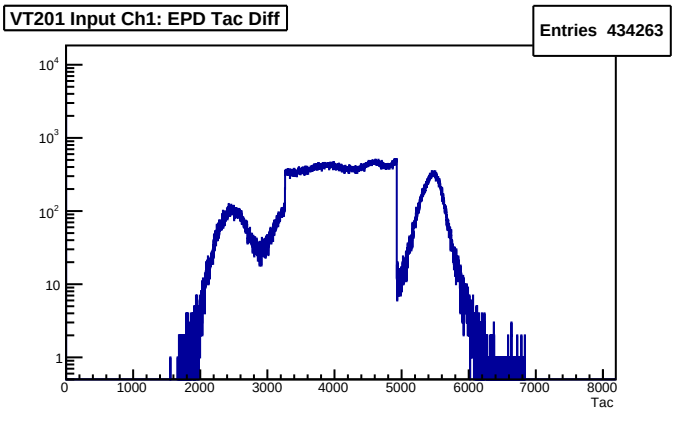

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

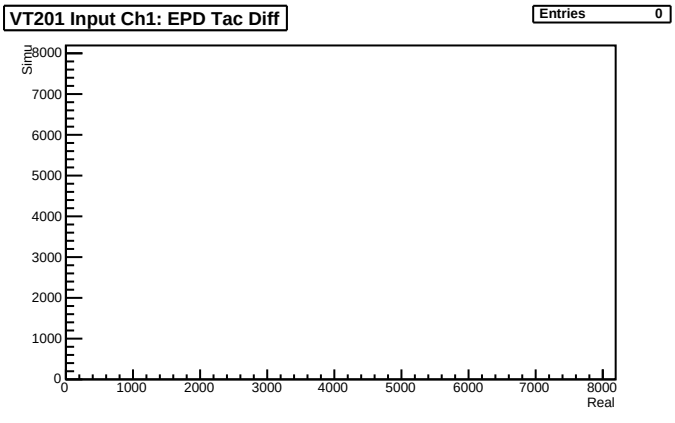

VT201 Input Ch0: BBC Small Tac Diff
Entries 434263
Tac

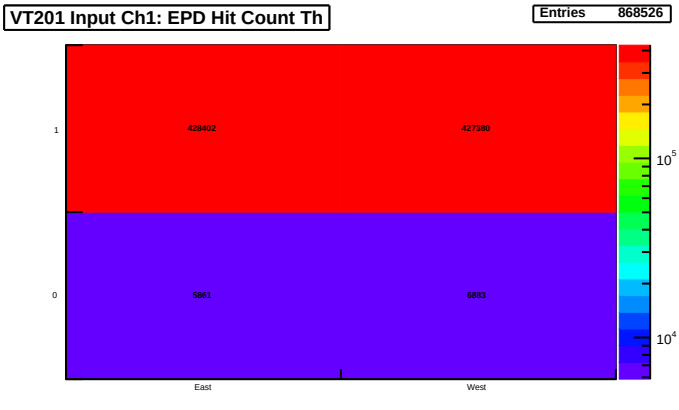

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

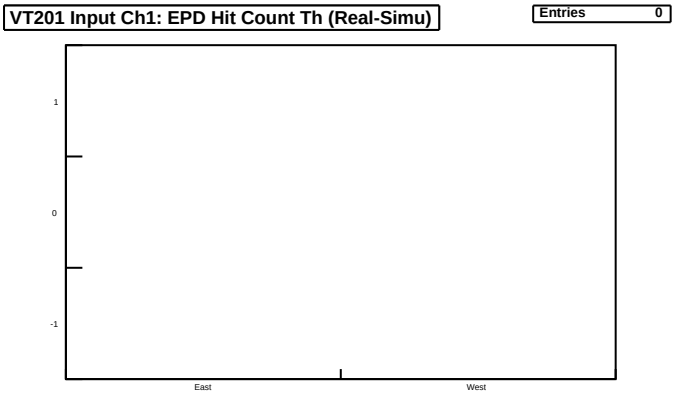

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 868526
314556
362911
119707
71352
East
West

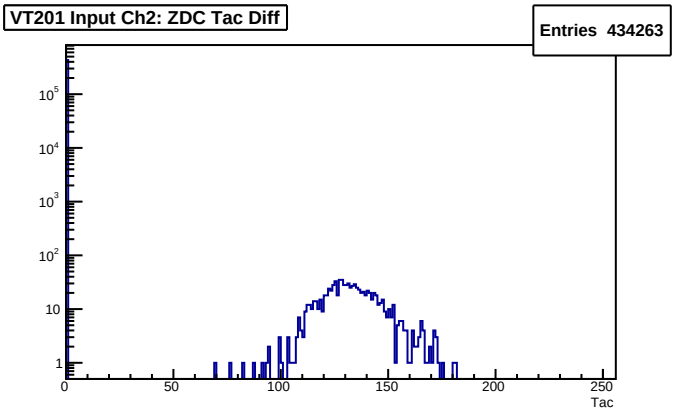

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

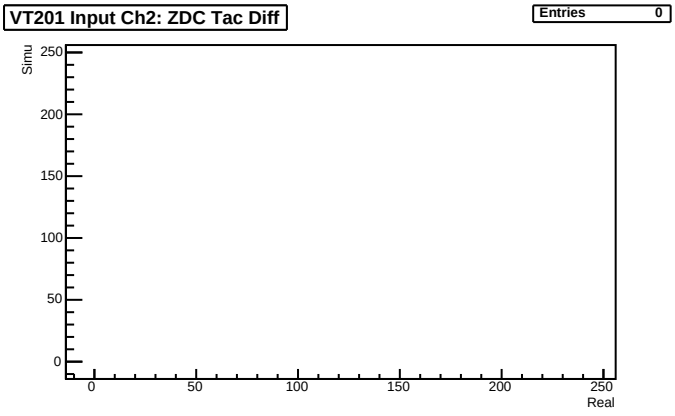

VT201 Input Ch1: EPD Tac Diff
Entries 434263
Tac

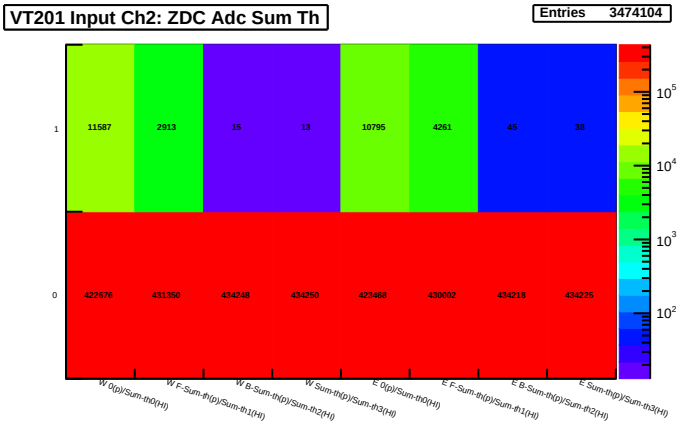

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

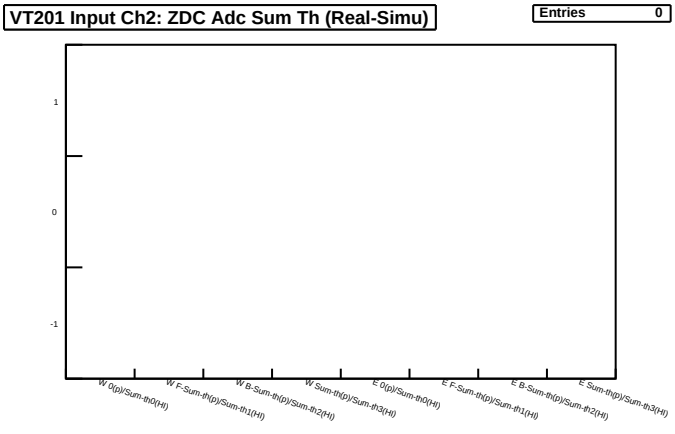

VT201 Input Ch1: EPD Hit Count Th
Entries 868526
428402
427380
5861
6883
East
West

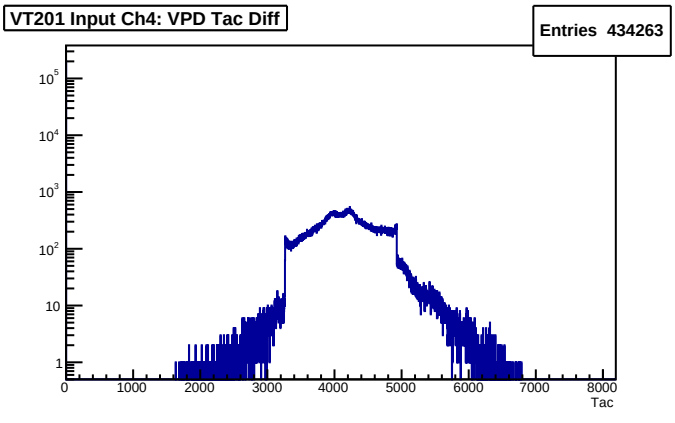

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

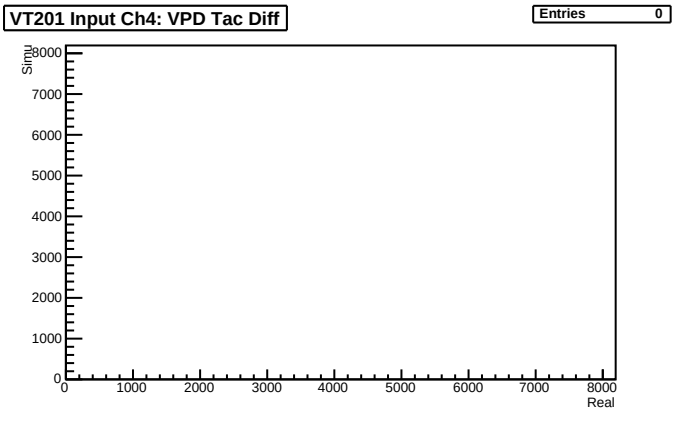

VT201 Input Ch2: ZDC Tac Diff
Entries 434263
Tac

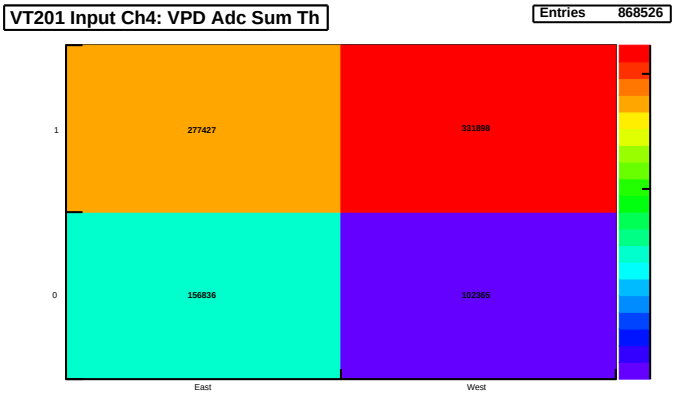

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

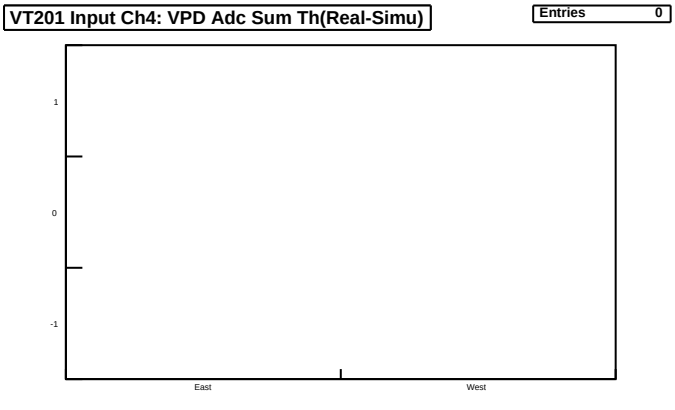

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3474104
11587
2913
15
13
10795
4261
45
38
422676
431350
434248
434250
423468
430002
434218
434225
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

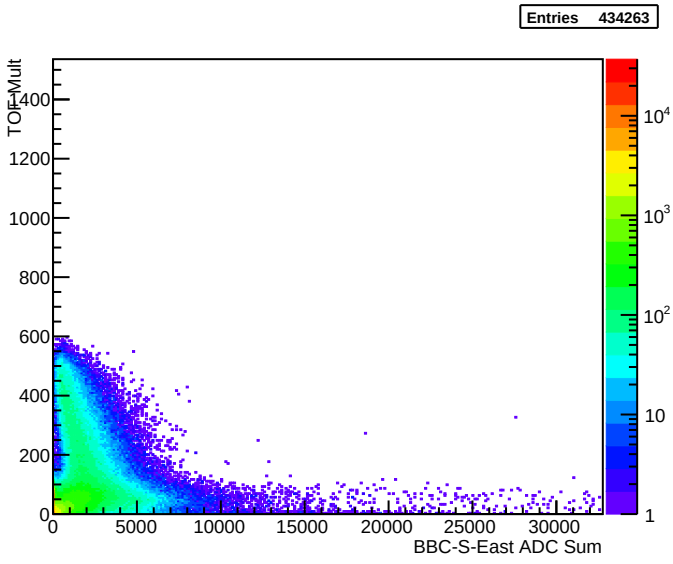

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

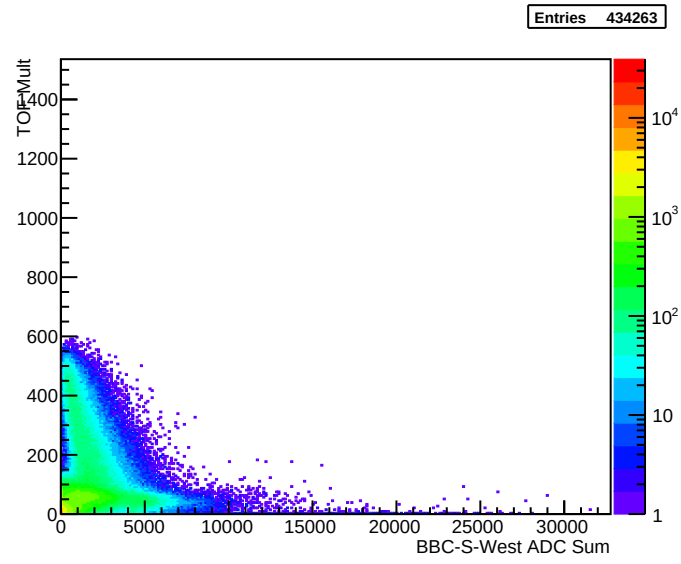

VT201 Input Ch4: VPD Tac Diff
Entries 434263
Tac

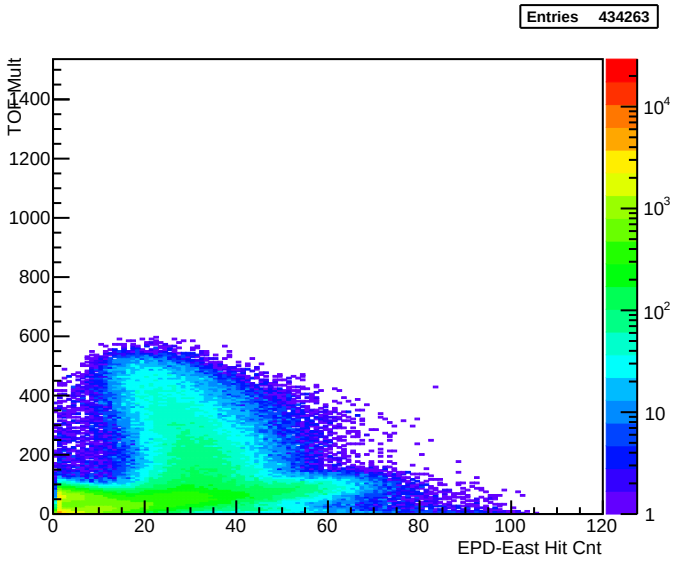

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

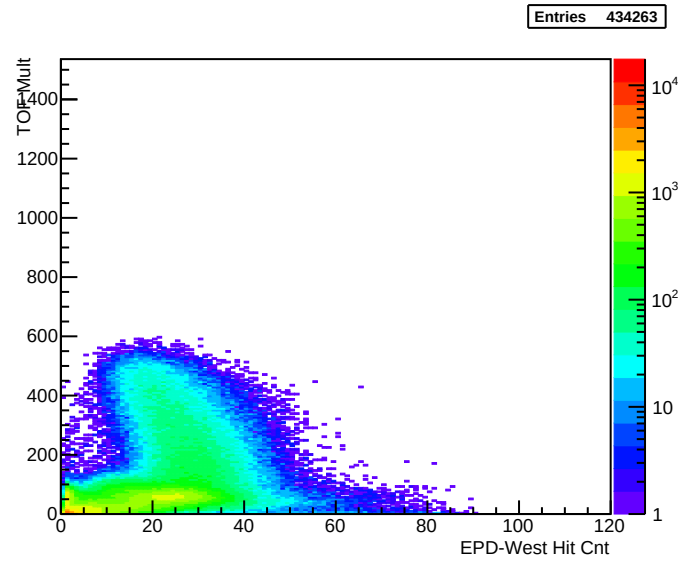

VT201 Input Ch4: VPD Adc Sum Th
Entries 868526
277427
331898
156836
102365
East
West

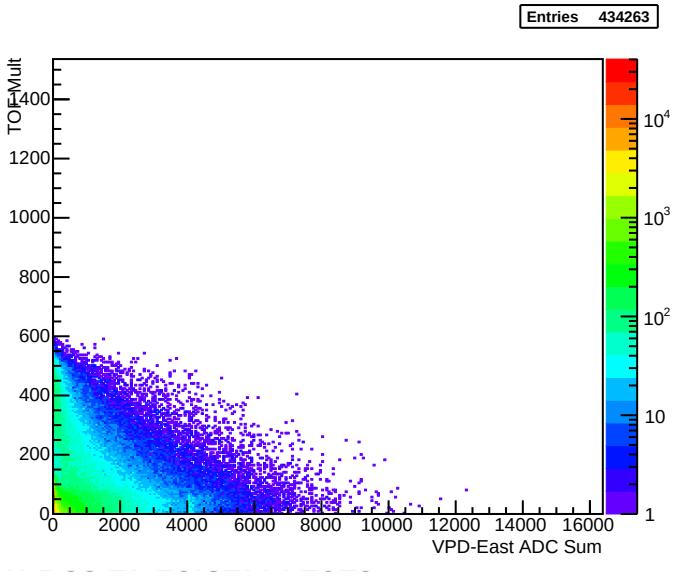

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

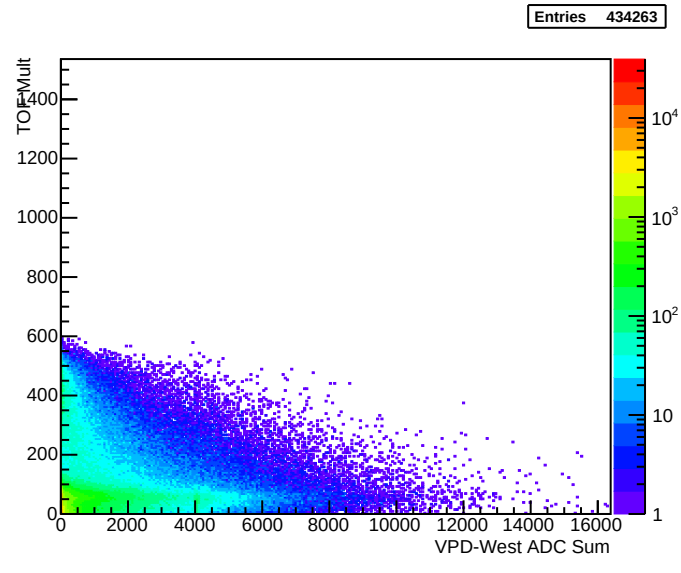

Entries 434263
TOF-Mult
BBC-S-East ADC Sum

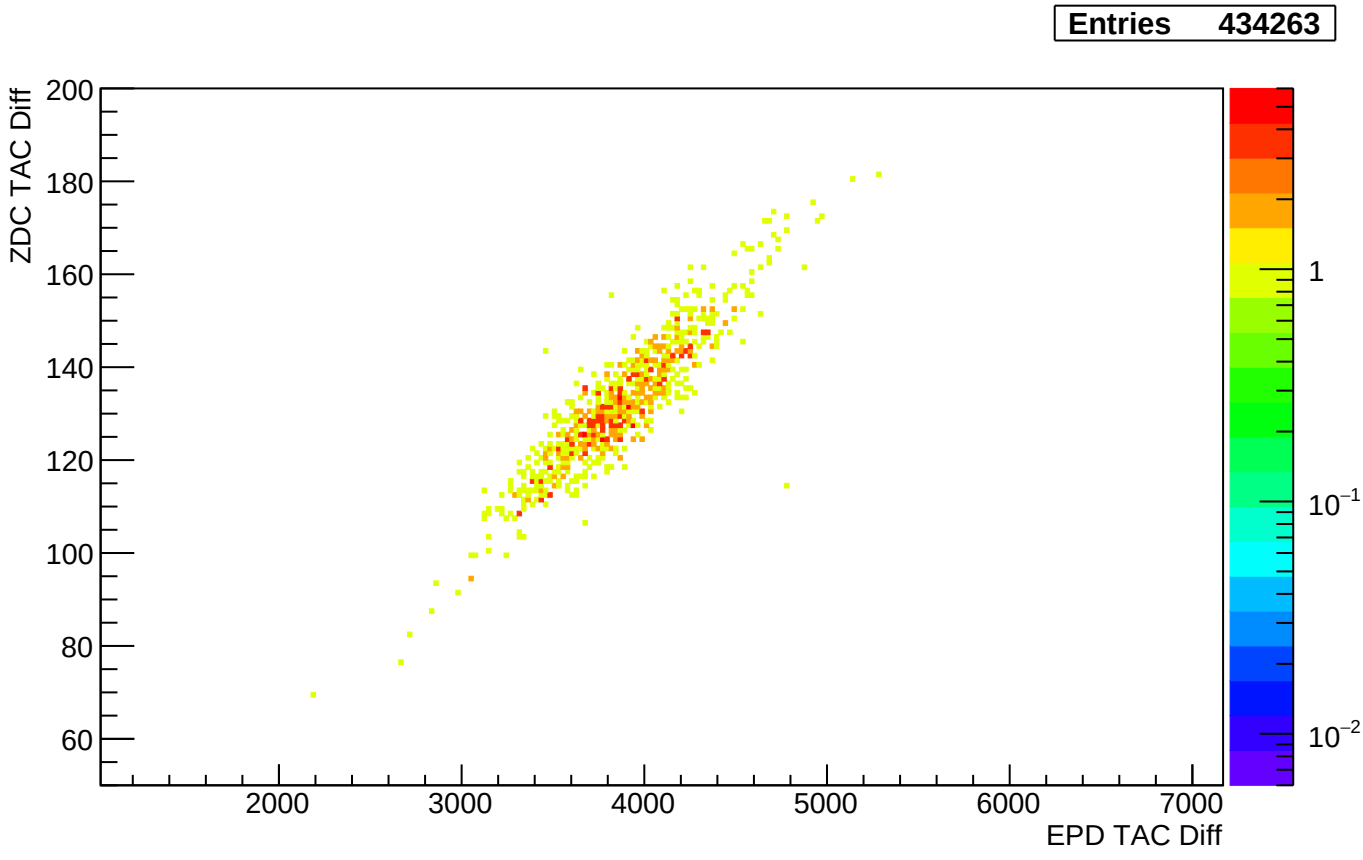

Entries 434263
TOF-Mult
BBC-S-West ADC Sum

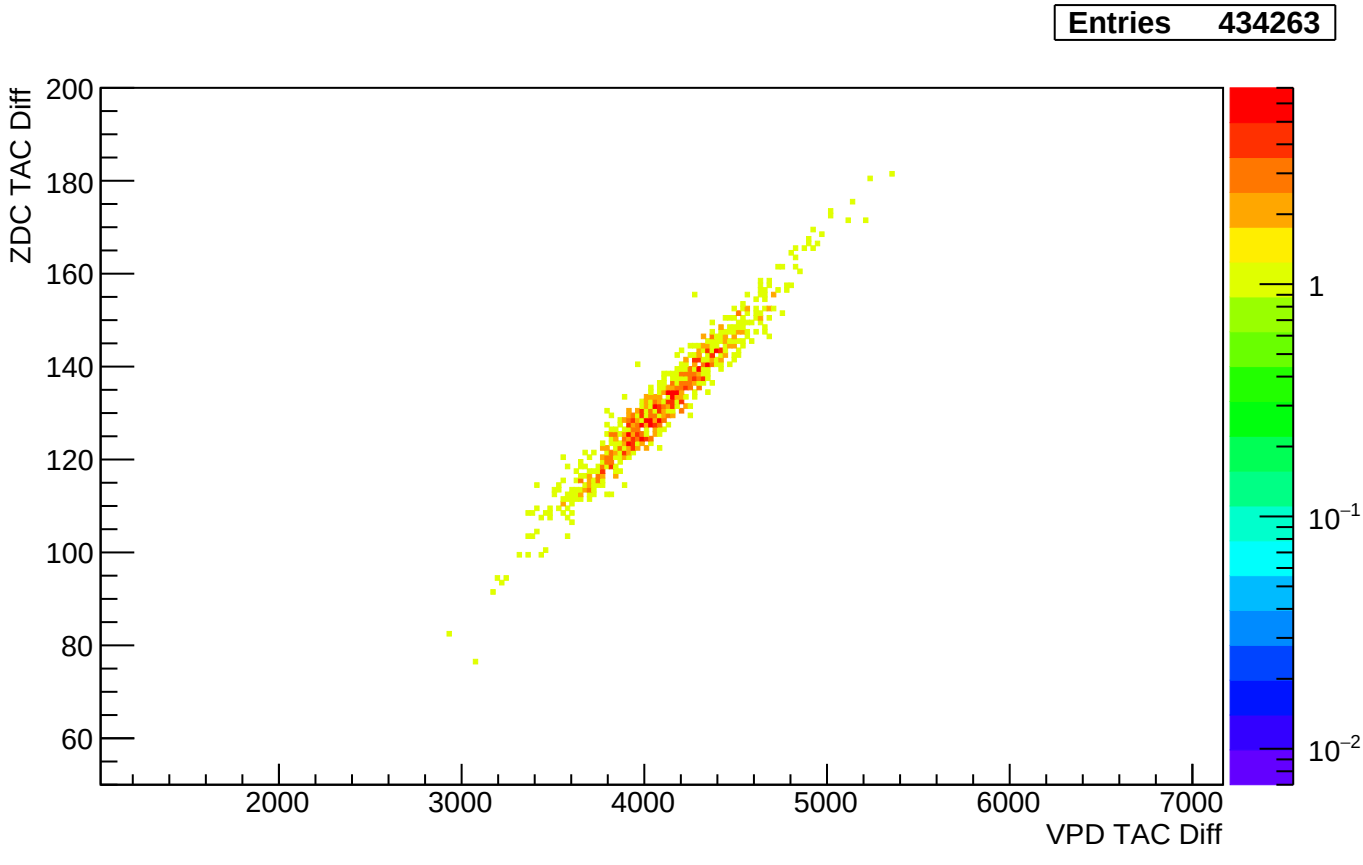

Entries 434263
TOF-Mult
EPD-East Hit Cnt

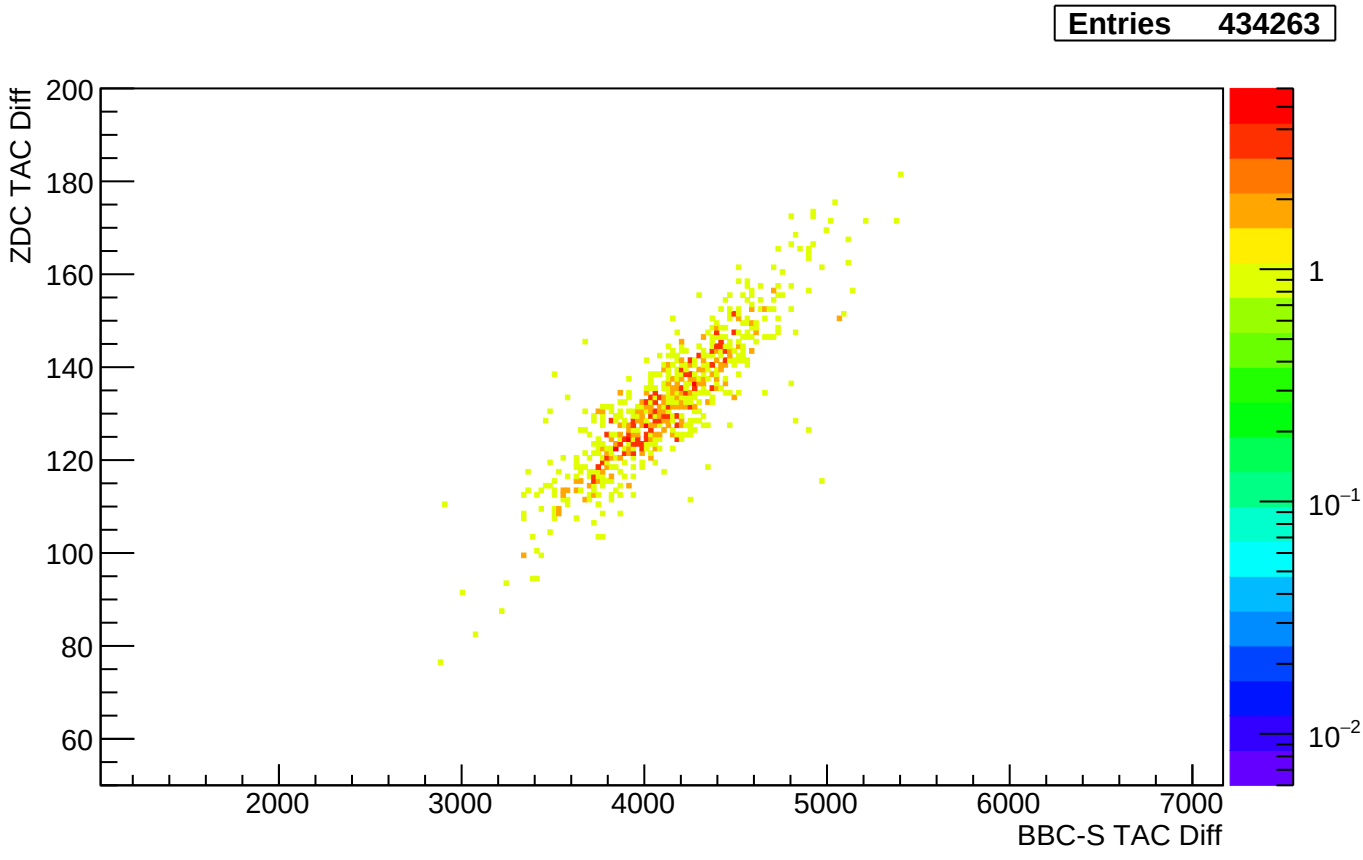

Entries 434263
TOF-Mult
EPD-West Hit Cnt

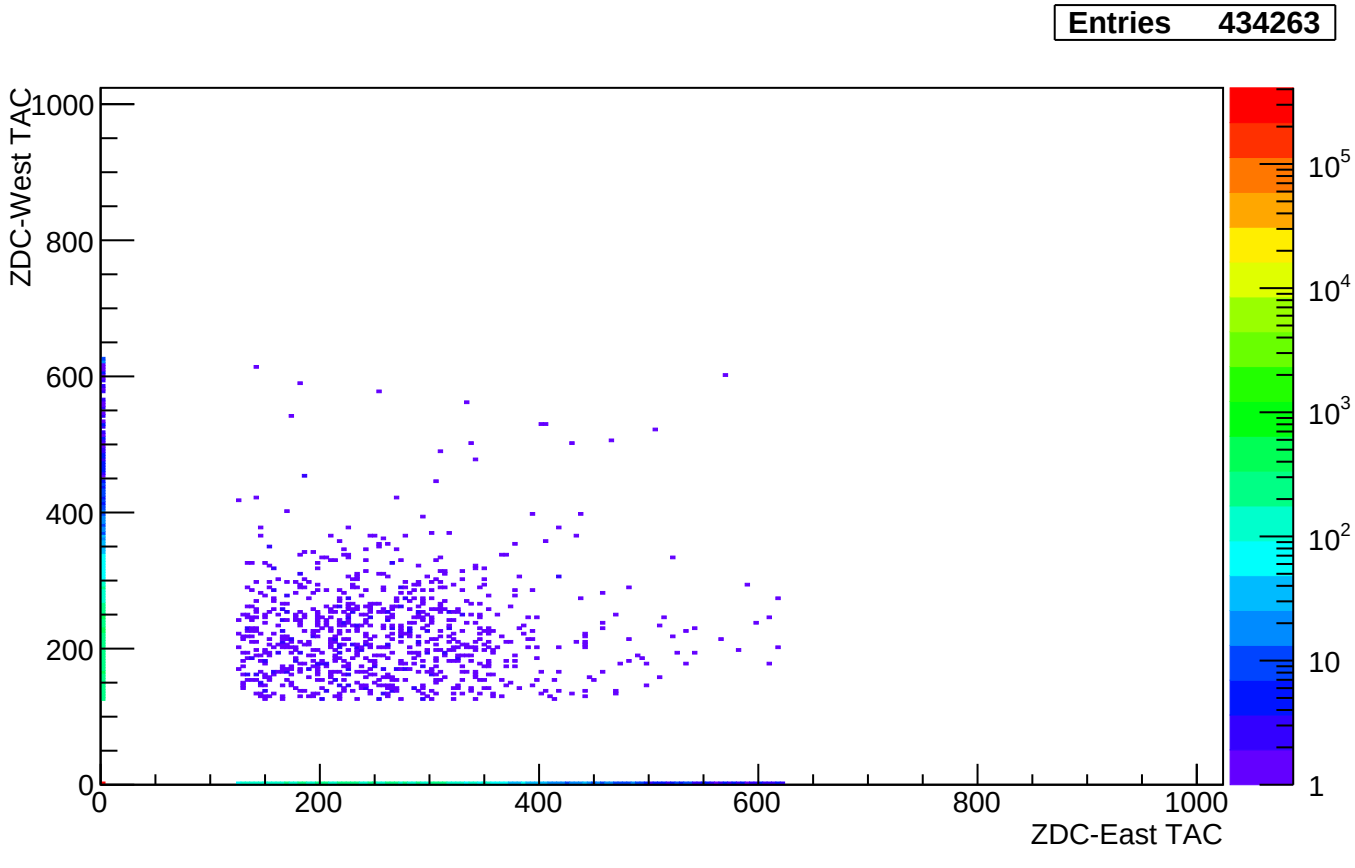

Entries 434263
TOF-Mult
VPD-East ADC Sum

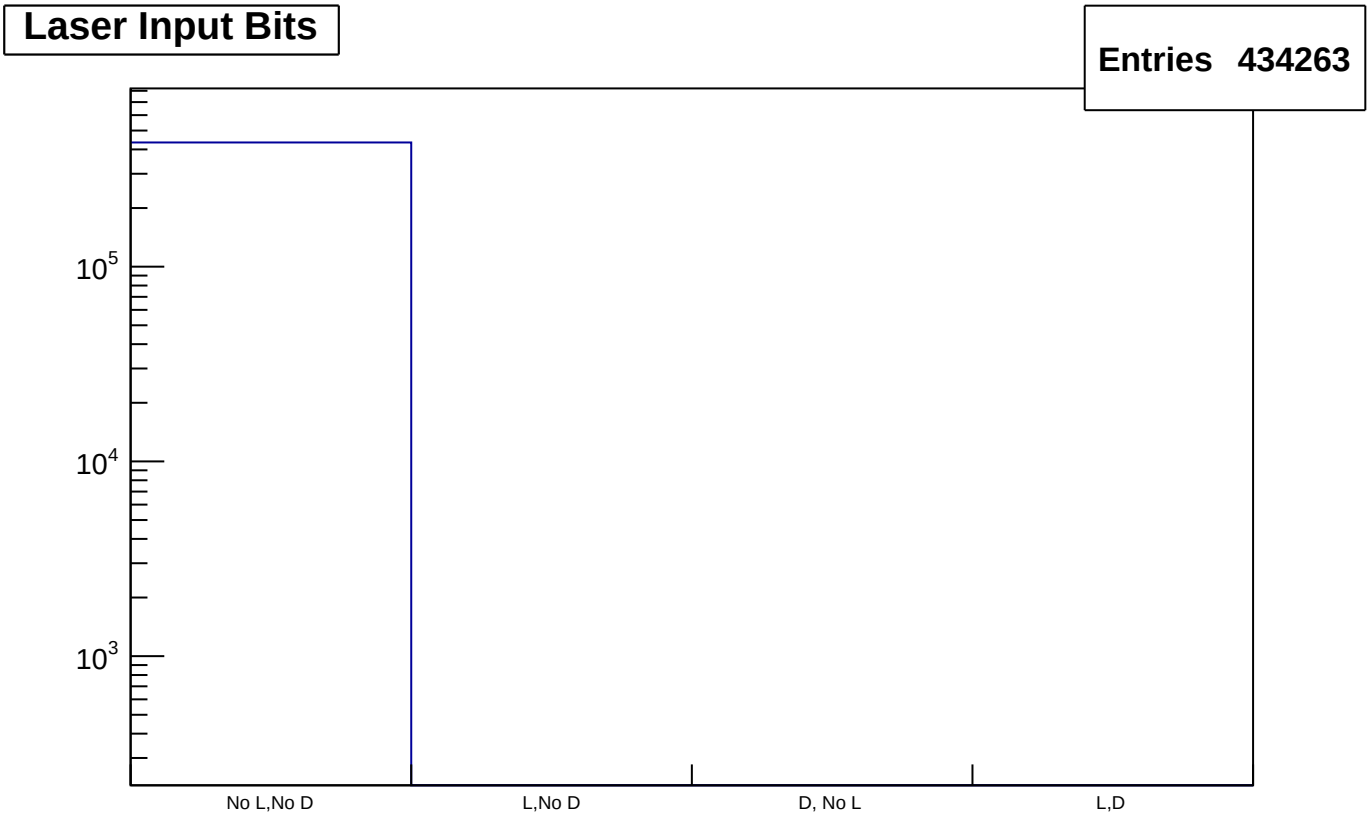

Entries 434263
TOF-Mult
VPD-West ADC Sum

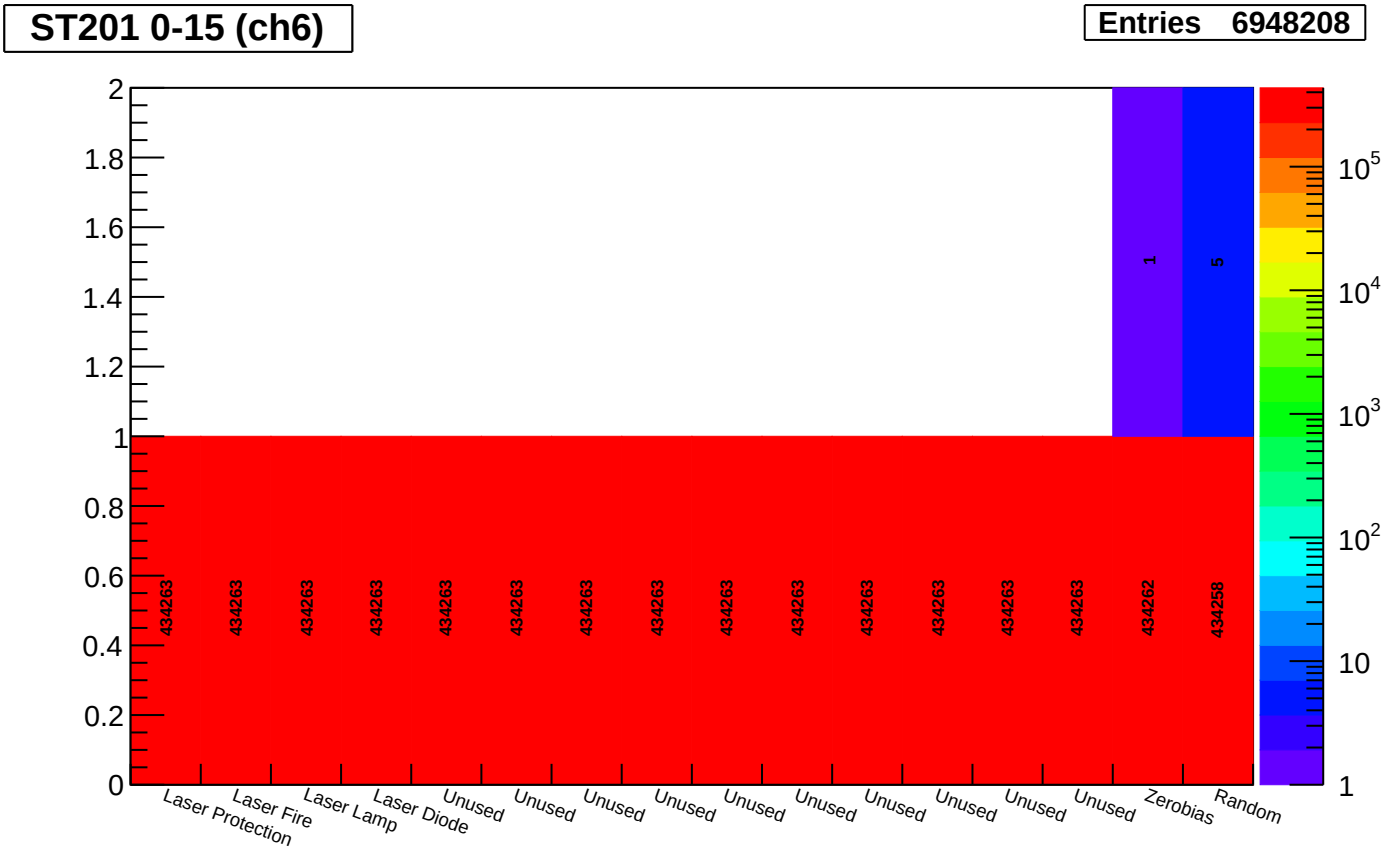

Entries 434263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

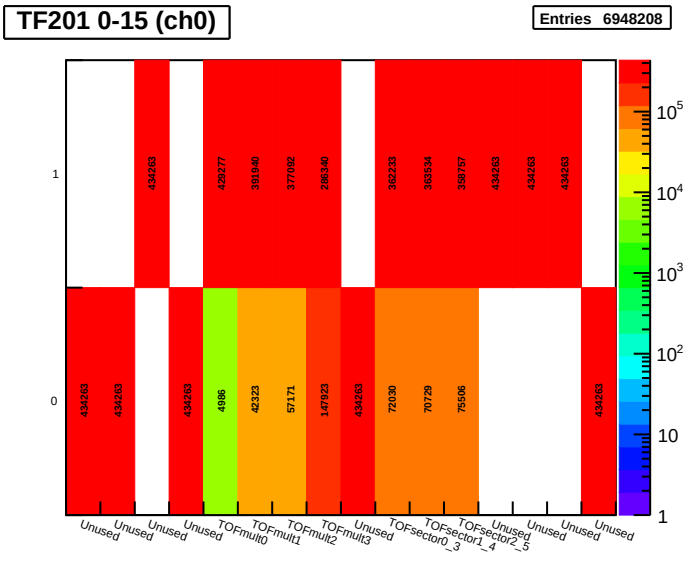

Entries 434263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

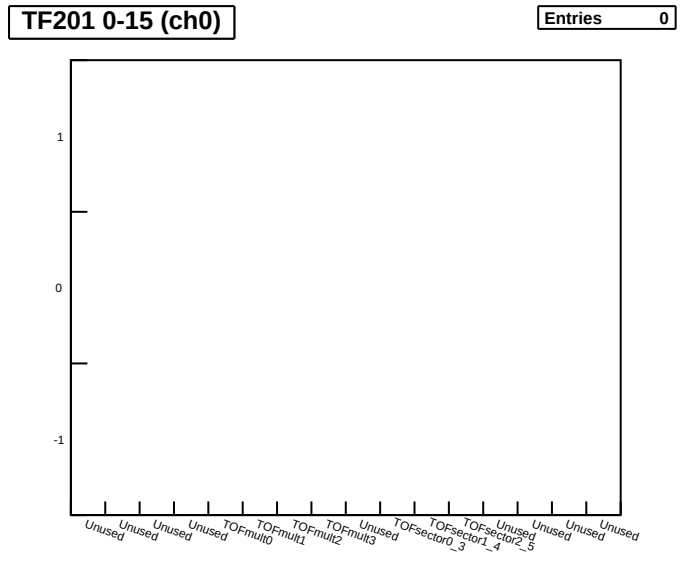

Entries 434263
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

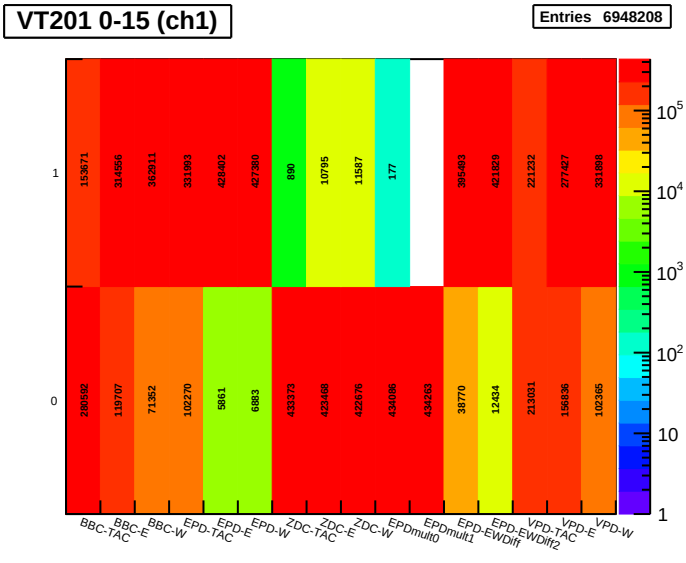

Entries 434263
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

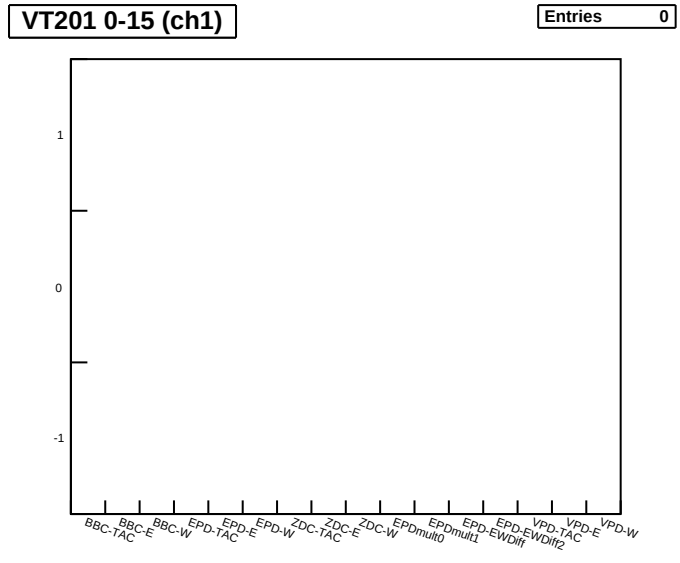

Laser Input Bits
Entries 434263
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

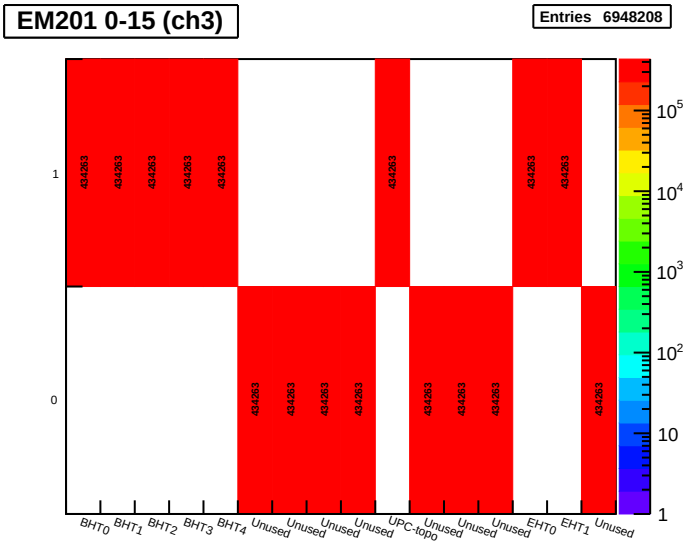

ST201 0-15 (ch6)
Entries 6948208
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
434263
434263
434263
434263
434263
434263
434263
434263
434263
434263
434263
434263
434263
434263
434262
434258
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

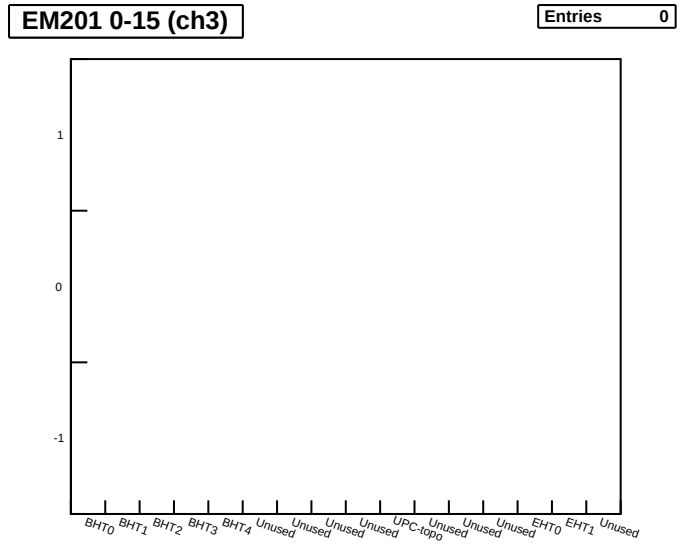

TF201 0-15 (ch0)
Entries 6948208
434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263
4986 42323 57171 147923 72030 70729 75506
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 6948208
153671 314556 362911 331993 428402 427380 890 10795 11567 177 395483 421829 221232 277427 331888
280592 119707 71352 102270 5061 6883 433373 423468 422676 434086 434263 38770 12434 213031 156836 102365
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


VT201 0-15 (ch1)
Entries 0
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 6948208
434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263 434263
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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