Marble Height vs length (z vs x, z histo before and after slope corr.)
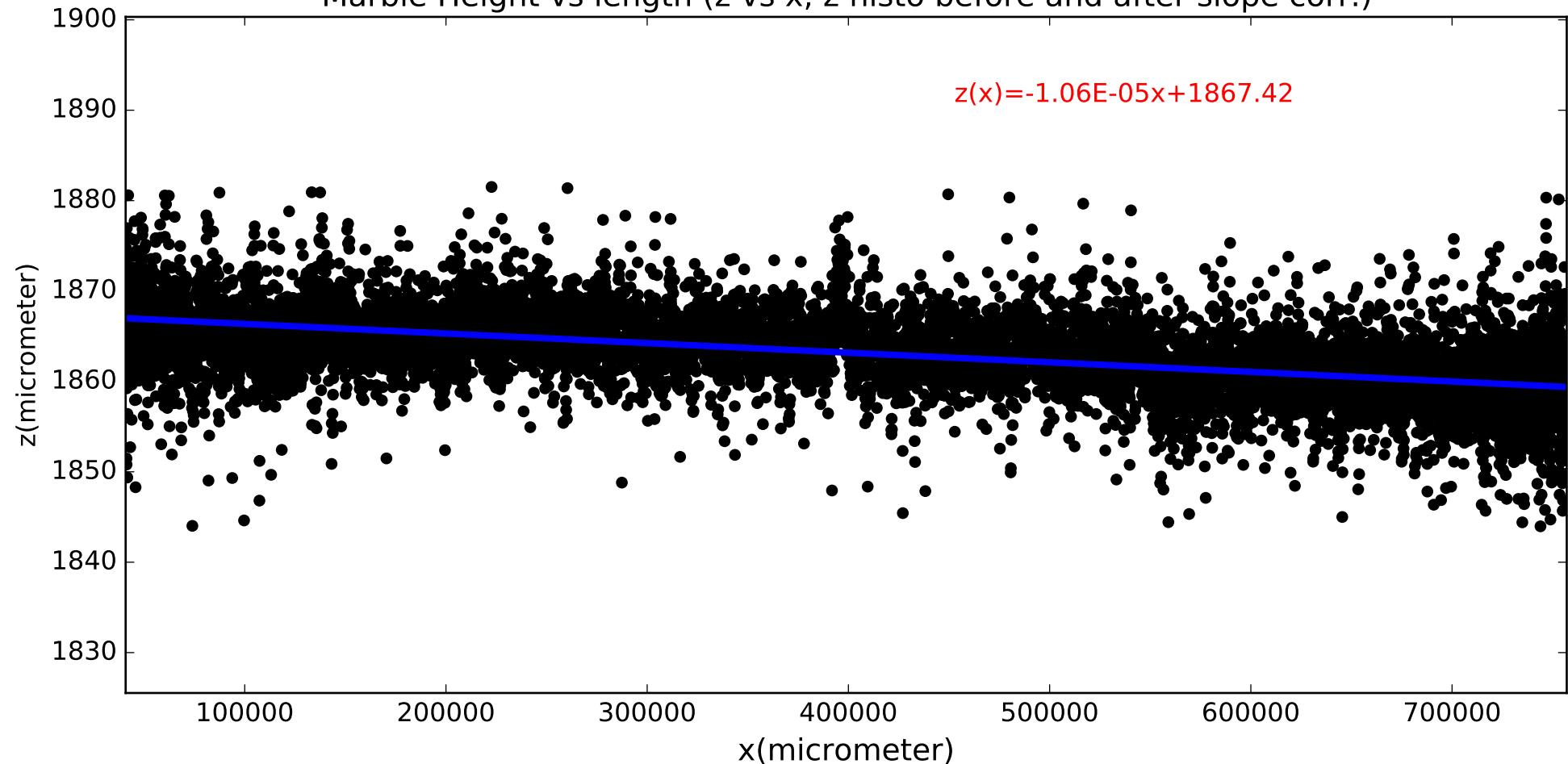
$z(x) = -1.06E-05x + 1867.42$

count : 9967
Fit result:
 Int=3920.63
 mean=-0.25
 sigma=3.23