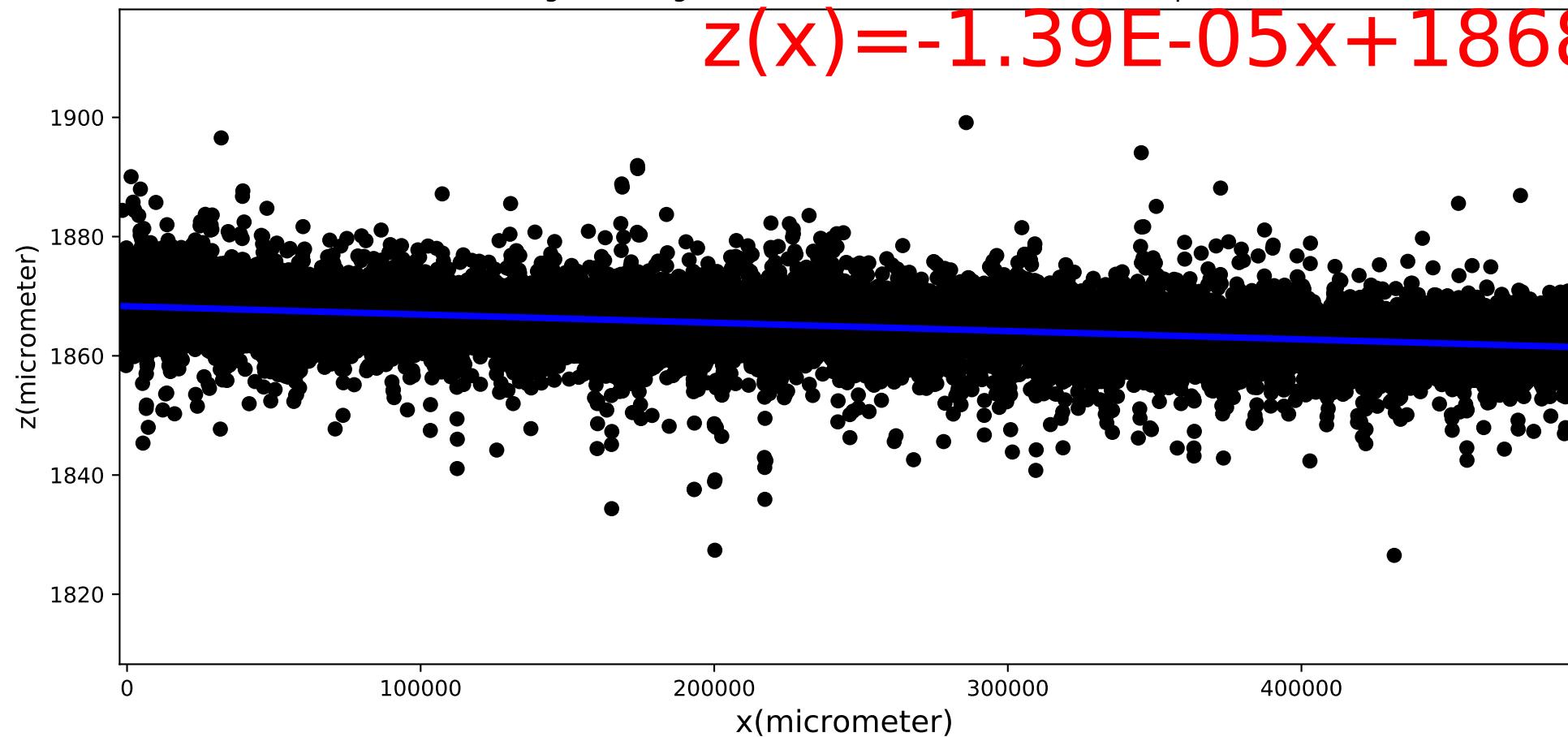Marble Height vs length (z vs x, z histo before and after slope corr.)

$z(x) = -1.39E-05x + 1868.32$

count : 9994
Fit result:
Int=5337.07
mean=-0.12
sigma=4.31
chi2=0.92