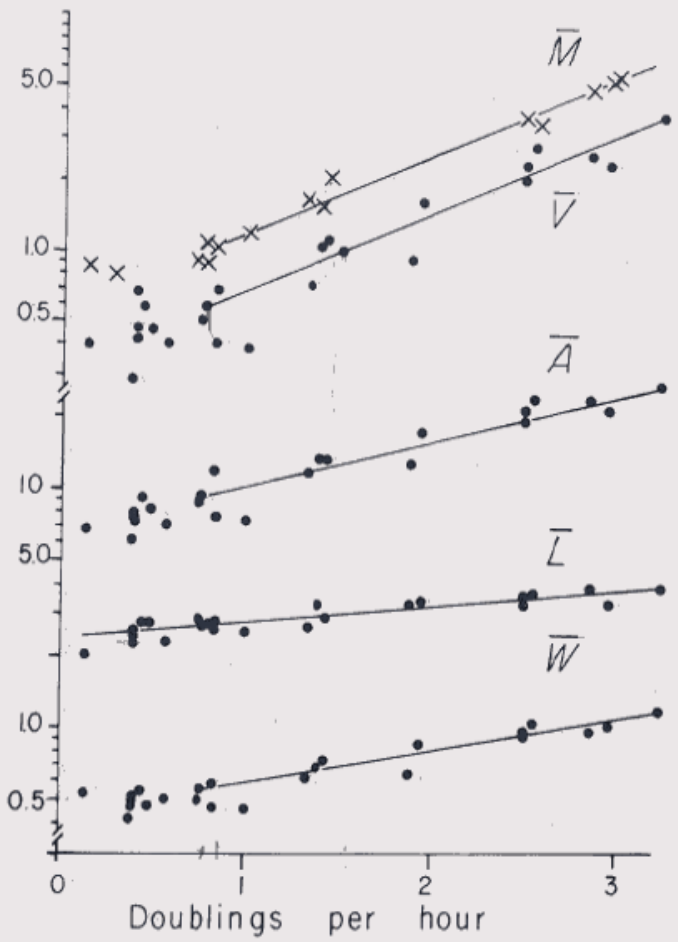

Fig. 1. Mean size of *E. coli* B/r as a function of growth rate (doublings per hour). $\overline{M}$, mean cell mass; $\overline{V}$, mean volume $V = \pi R^2 (L - 2R/3)$; $\overline{A}$, mean surface area ($A = 2\pi RL$); $\overline{L}$, mean length; $\overline{W}$, mean width ($2R$). $\overline{M}$ has been obtained by dividing optical density and cell number in the steady-state cultures. From Trueba, 1981.