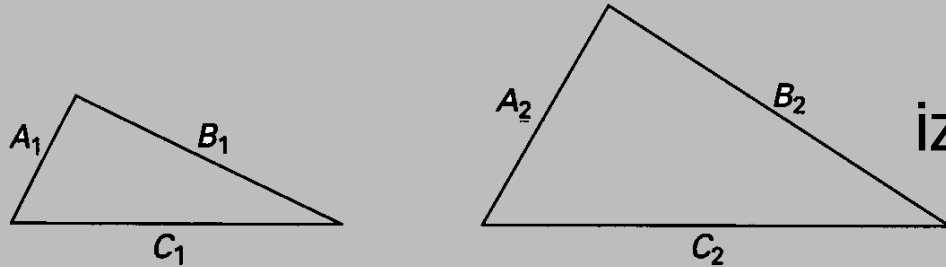


Tělesné proporce a nelineární – allometrické vztahy.
Velký živočich nemůže být zvětšeninou malého.



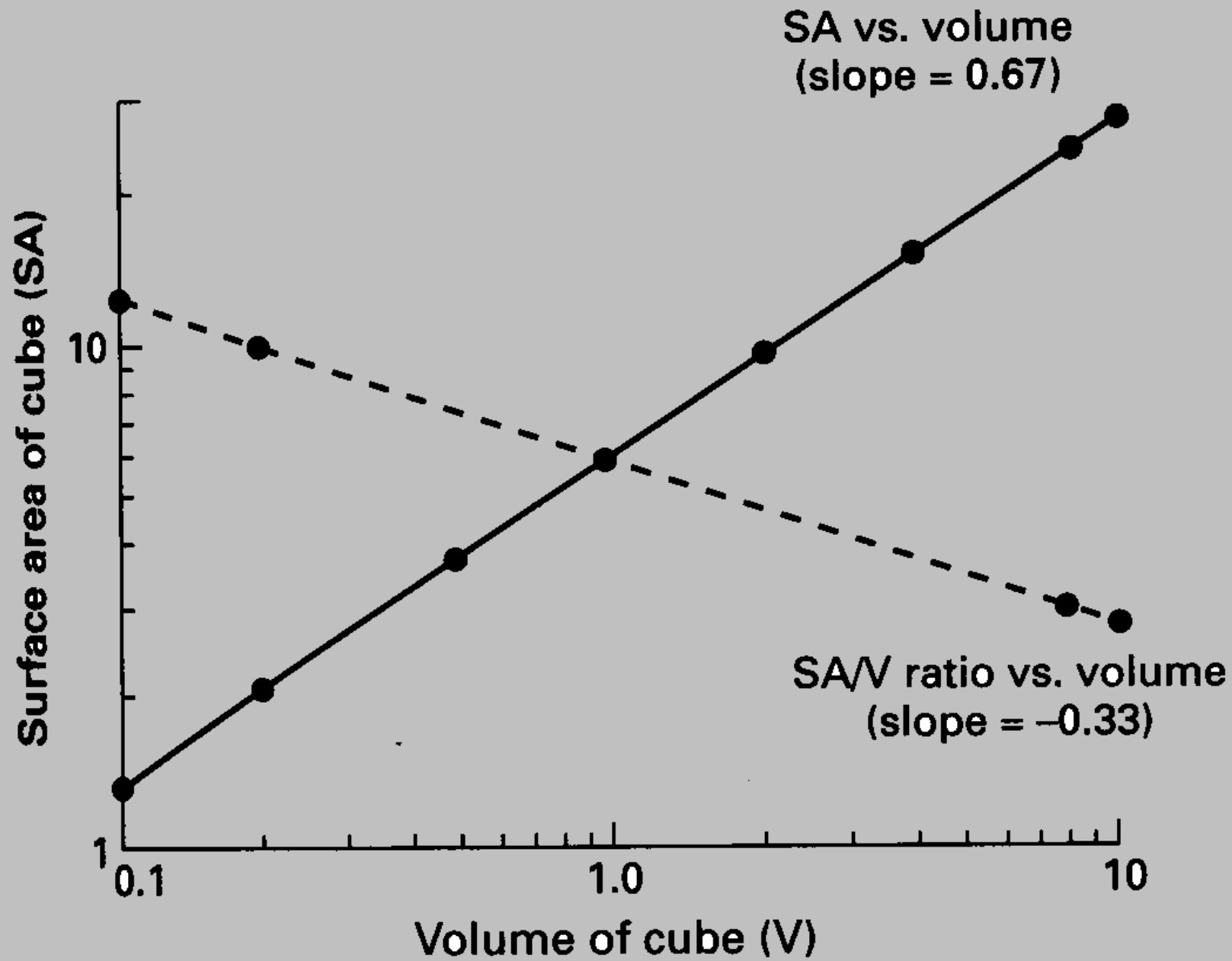
izometrické trojúhelníky

$$\frac{A_1}{A_2} = \frac{B_1}{B_2} = \frac{C_1}{C_2} = k$$

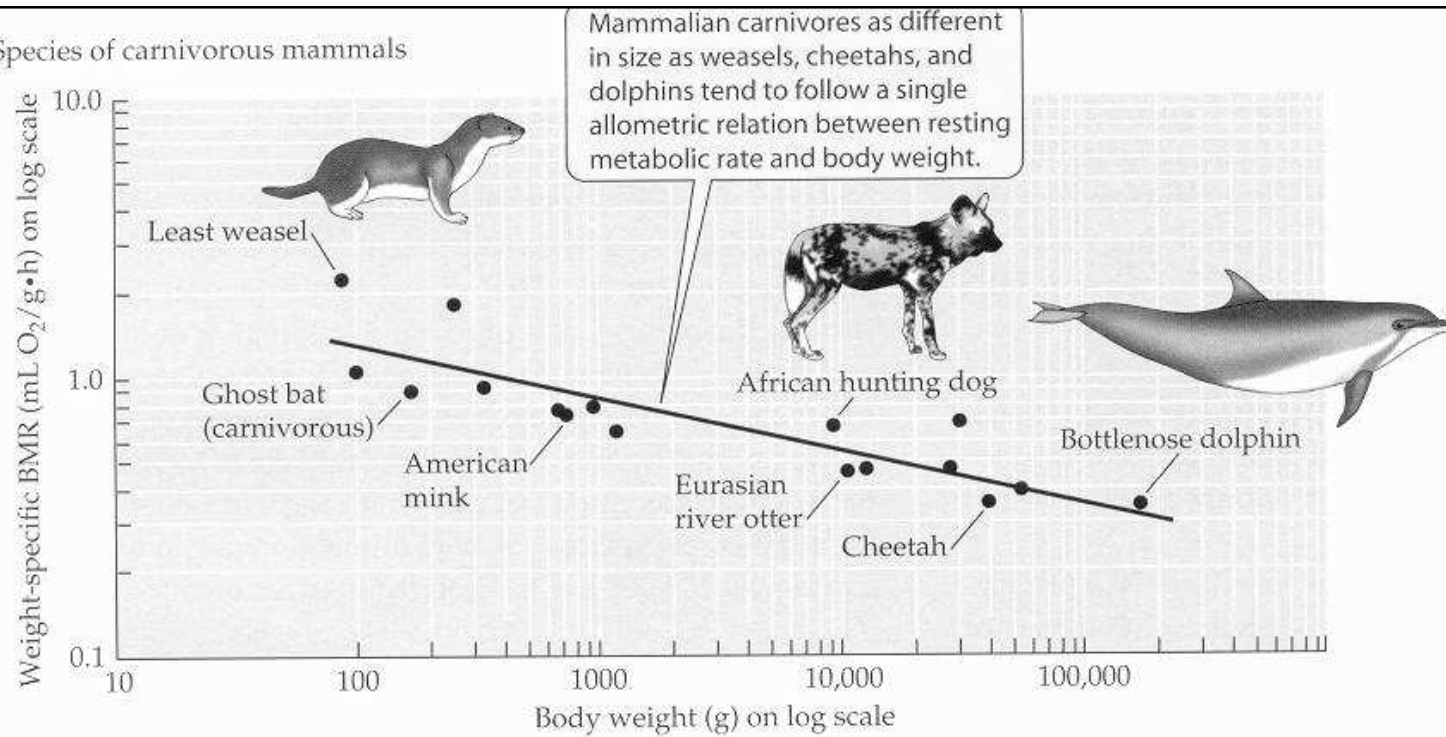




Povrch versus objem



(a) Species of carnivorous mammals



(b) Individuals of a species of crab

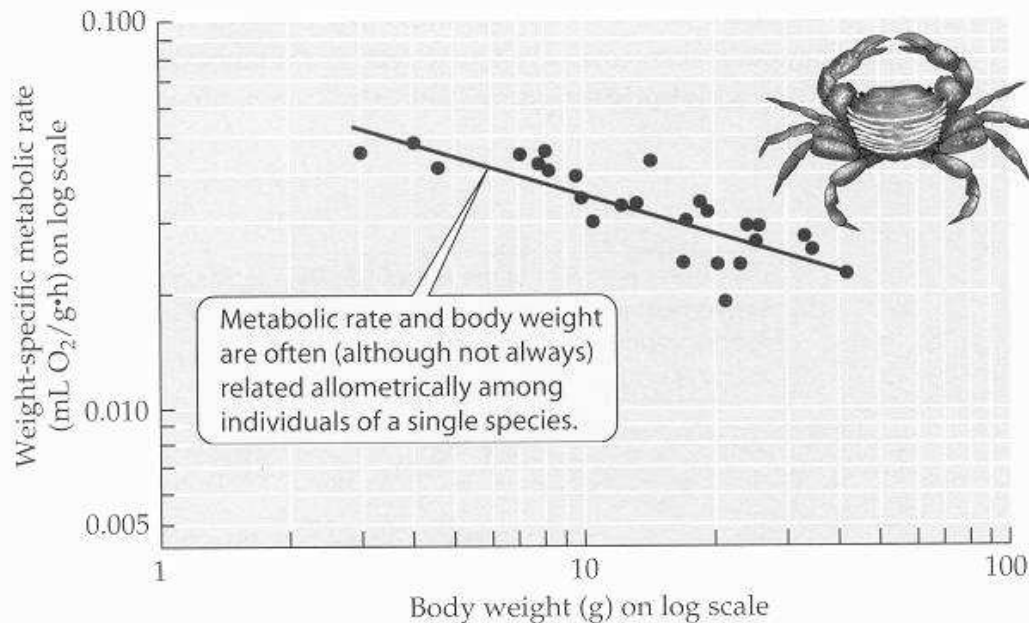
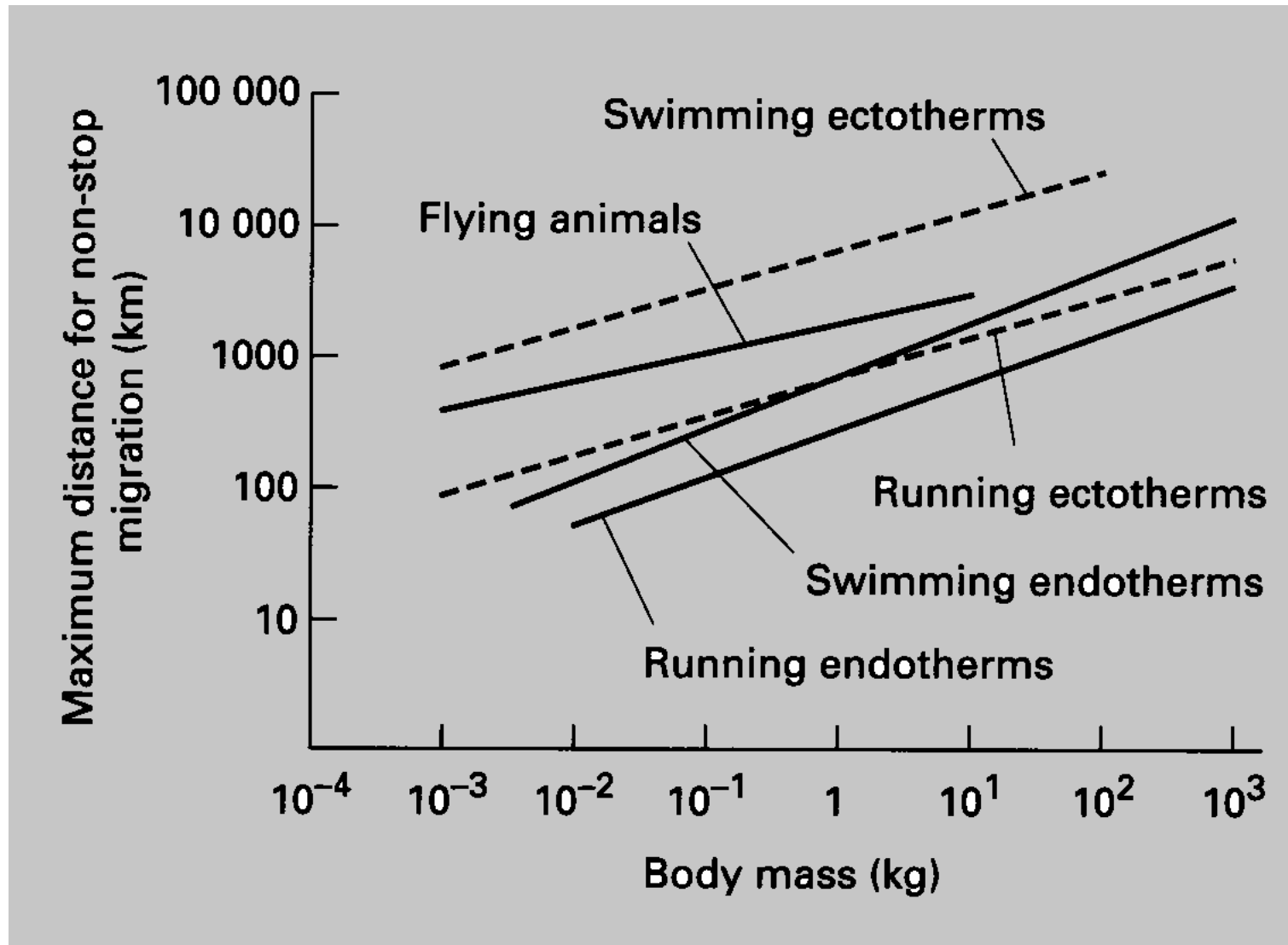


Figure 5.10 Metabolic rate and linearly on log-log coordinate: a function of body weight for mammalian vertebrate flesh, plotted on log-log coordinates. (a) Points represent individual species. (b) A log-log plot of weight-specific metabolic rate as a function of body weight in a crab (*Pachygrapsus crassipes*) at a body weight point represents a particular individual. A line is fitted to the points. See Appendix 1 for more details. (a after McNab 1986; b after McNab 1986)

Nejtěžší se dostanou nejdál



Těžkého plavce stojí rychlost méně

