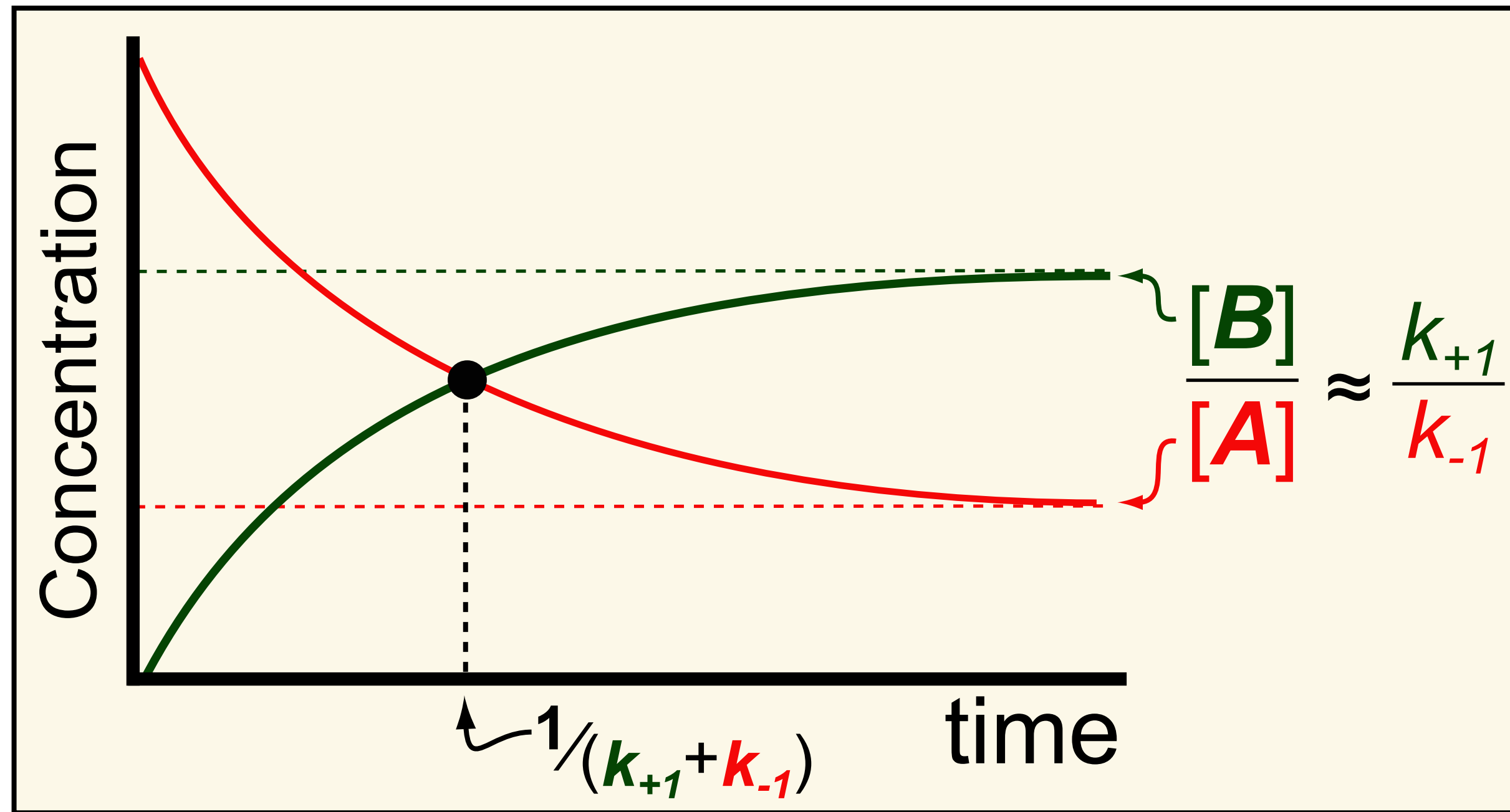
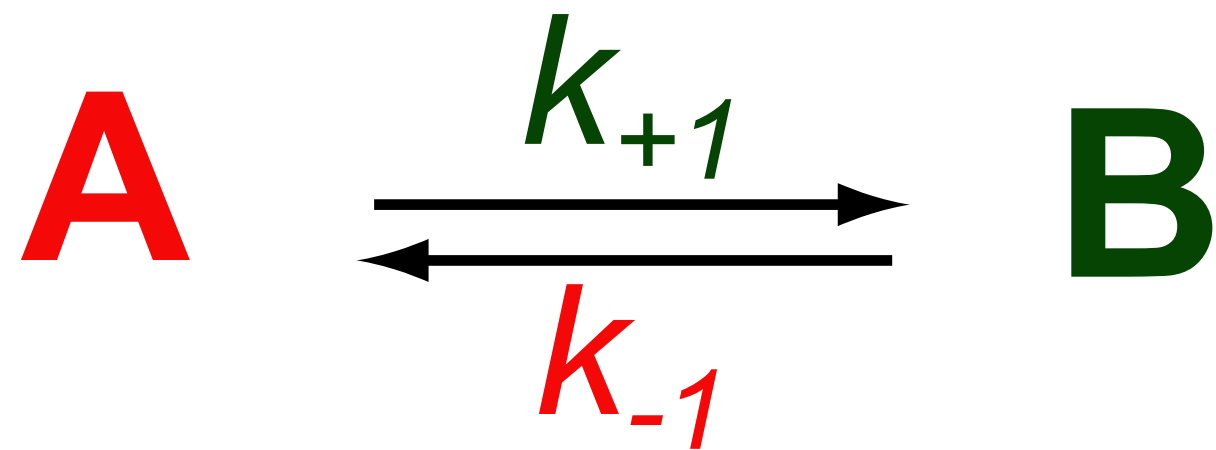


Reversible “On-Off” Reaction Kinetics



$$[A] = [A]_0 \frac{k_{-1}}{k_{+1} + k_{-1}} (1 + e^{-(k_{+1} + k_{-1}) \cdot t})$$

$$[B] = [A]_0 \frac{k_{+1}}{k_{+1} + k_{-1}} (1 - e^{-(k_{+1} + k_{-1}) \cdot t})$$