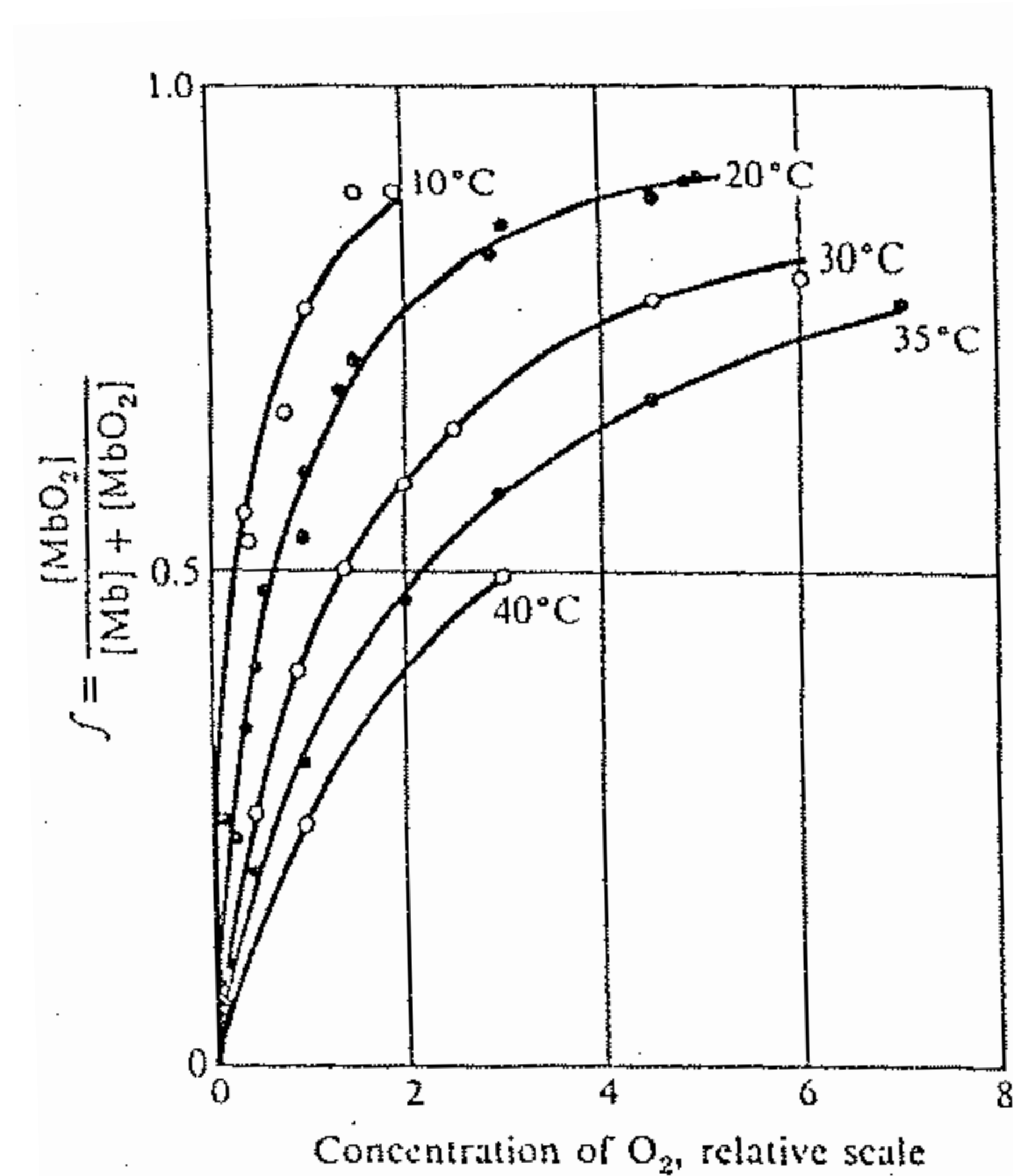
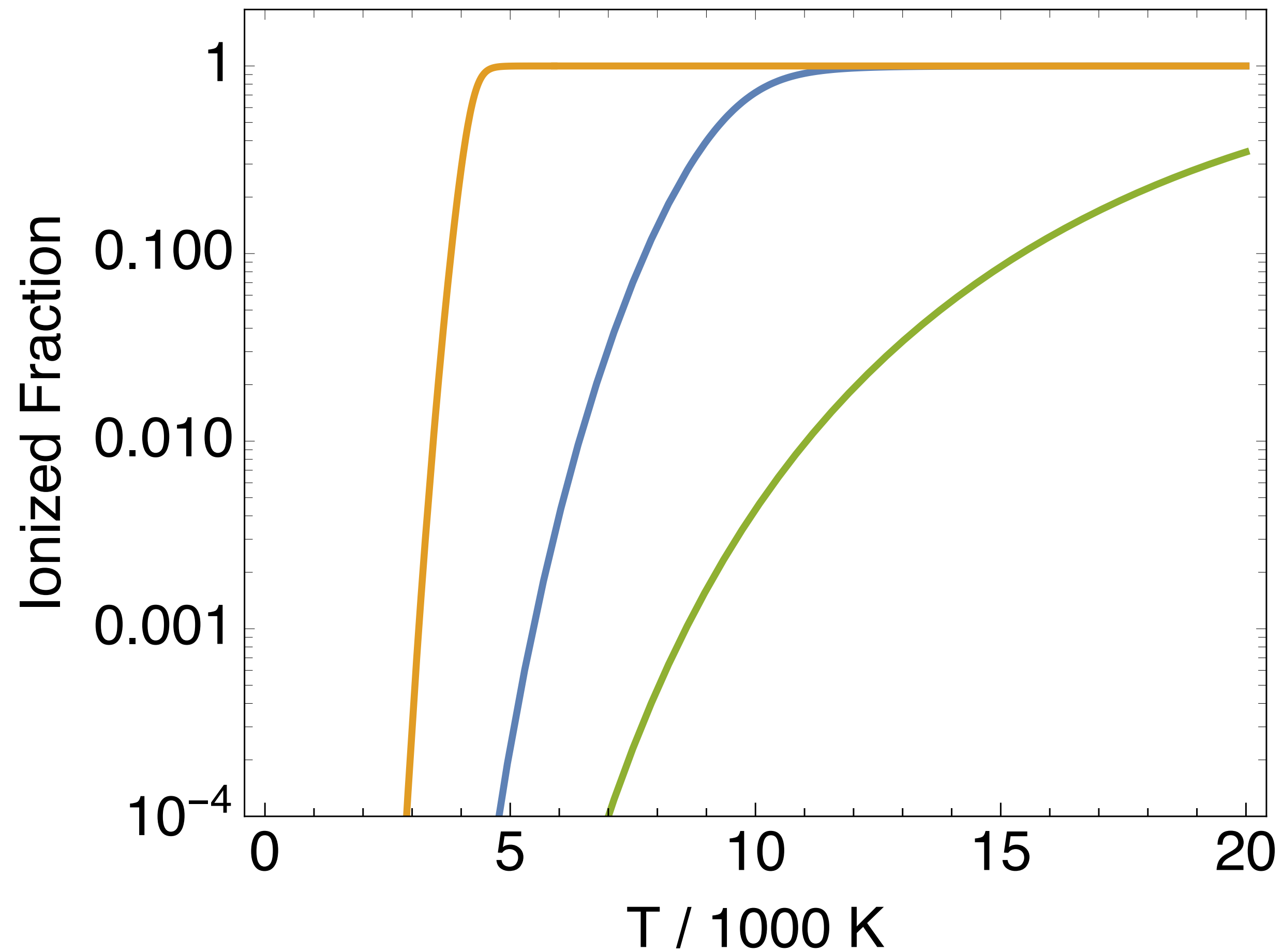


Fraction of Occupied Mb Protein



The Saha Equation



$$n_p + n_H \simeq 10^{20} \text{ m}^{-3}$$

The ionized fraction is

$$\frac{n_p}{n_p + n_H}$$