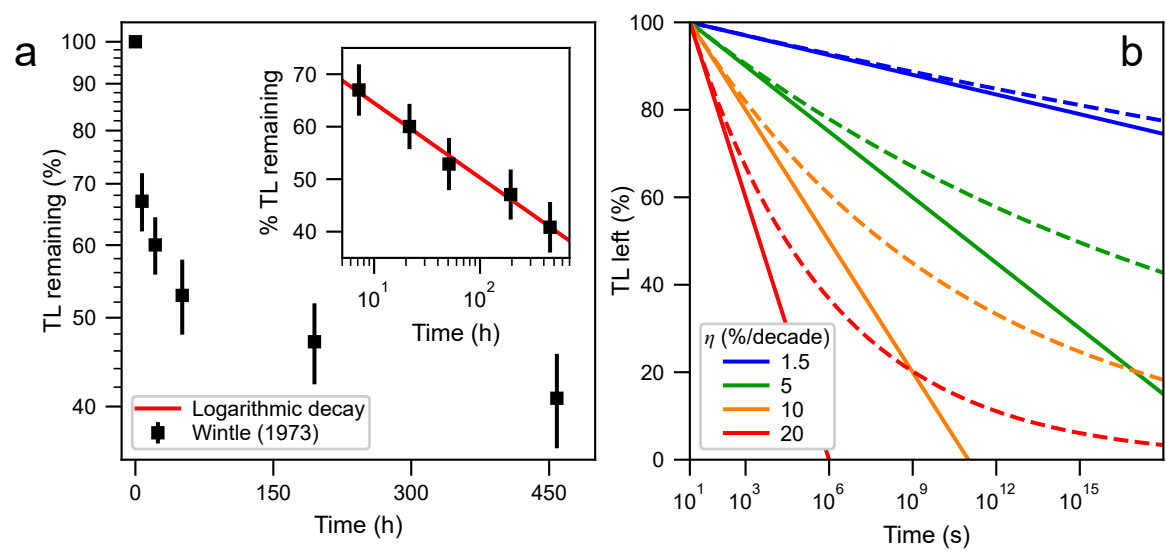




C Self-consistent age correction formulas:

$$t_{\text{corr}} = \frac{D_e / \dot{D}_{\text{nat}}}{1 - \left[\frac{\ln 10}{g} - \ln \left(\frac{D_e / \dot{D}_{\text{lab}}}{2t_c} \right) \right]^{-1} \left[\ln \left(\frac{2t_{\text{corr}}}{D_e / \dot{D}_{\text{lab}}} \right) - 1 \right]}.$$

(after Huntley and Lamothe, 2001)

$$\frac{n(t)}{n_0} = \int_0^\infty 3r'^2 e^{-r'^3} \exp(-s e^{-\rho'^{-1/3} r'} t) dr' = \int_{r'_{\text{eff}}}^\infty 3r'^2 e^{-r'^3} dr'$$

(after Huntley, 2006)

$$\frac{n(t)}{N} = \int_0^\infty \frac{3r'^2 e^{-r'^3}}{1 + \frac{D_0}{D} s e^{-\rho'^{-1/3} r'}} \left\{ 1 - \exp \left[- \left(\frac{\dot{D}}{D_0} + s e^{-\rho'^{-1/3} r'} \right) t \right] \right\} dr'$$

(after Kars et al., 2008)