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Runs with $\tau_{\text{AD}} = 0.01$ (black), 0.1 (blue), and 1 (red).

$$\text{St}_{\text{AD}} = \frac{n_n}{n_i} \frac{u_{\text{rms}} k_f}{\nu_{\text{in}}} \quad (1)$$

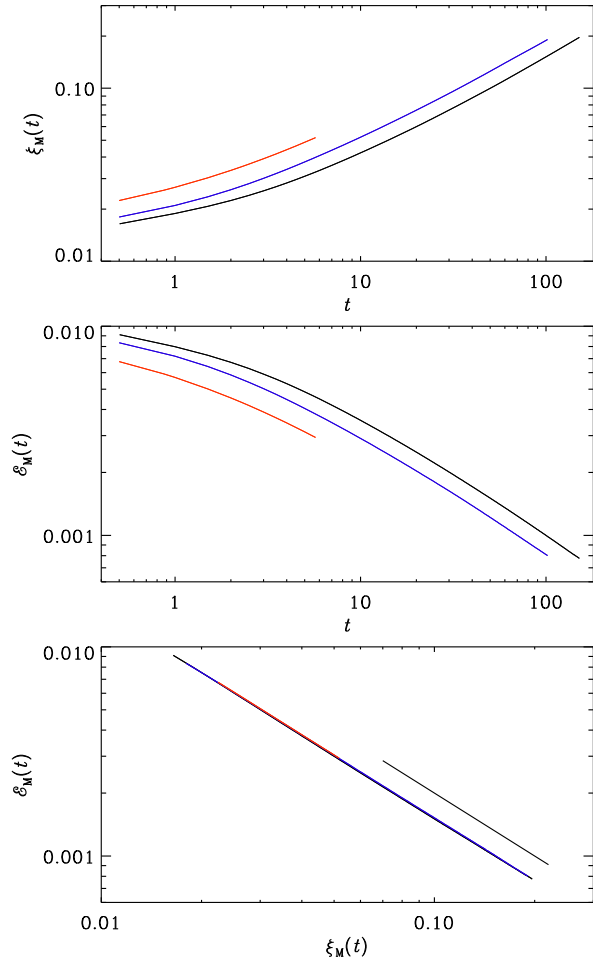


Figure 1: Evolution of $\xi_M(t)$ and $\mathcal{E}_M(t)$.