

$$\tau = \tau_r (M_i/M_r)^\alpha, \quad \dot{M} = \dot{M}_r (Z/Z_\odot)^\gamma (M_r/M_r)^\beta$$

$$M_r = 30 M_\odot, \quad \tau_r = 10^{6.0} \text{ yr}, \quad \dot{M}_r = 10^{-5.0} M_\odot \text{ yr}^{-1}, \quad \alpha = 0.2$$

