CONSIDERACIONES TEÓRICAS

$$\dot{M}_{frio} = \dot{M}_{enf} - (1 - R - \beta)\Psi$$

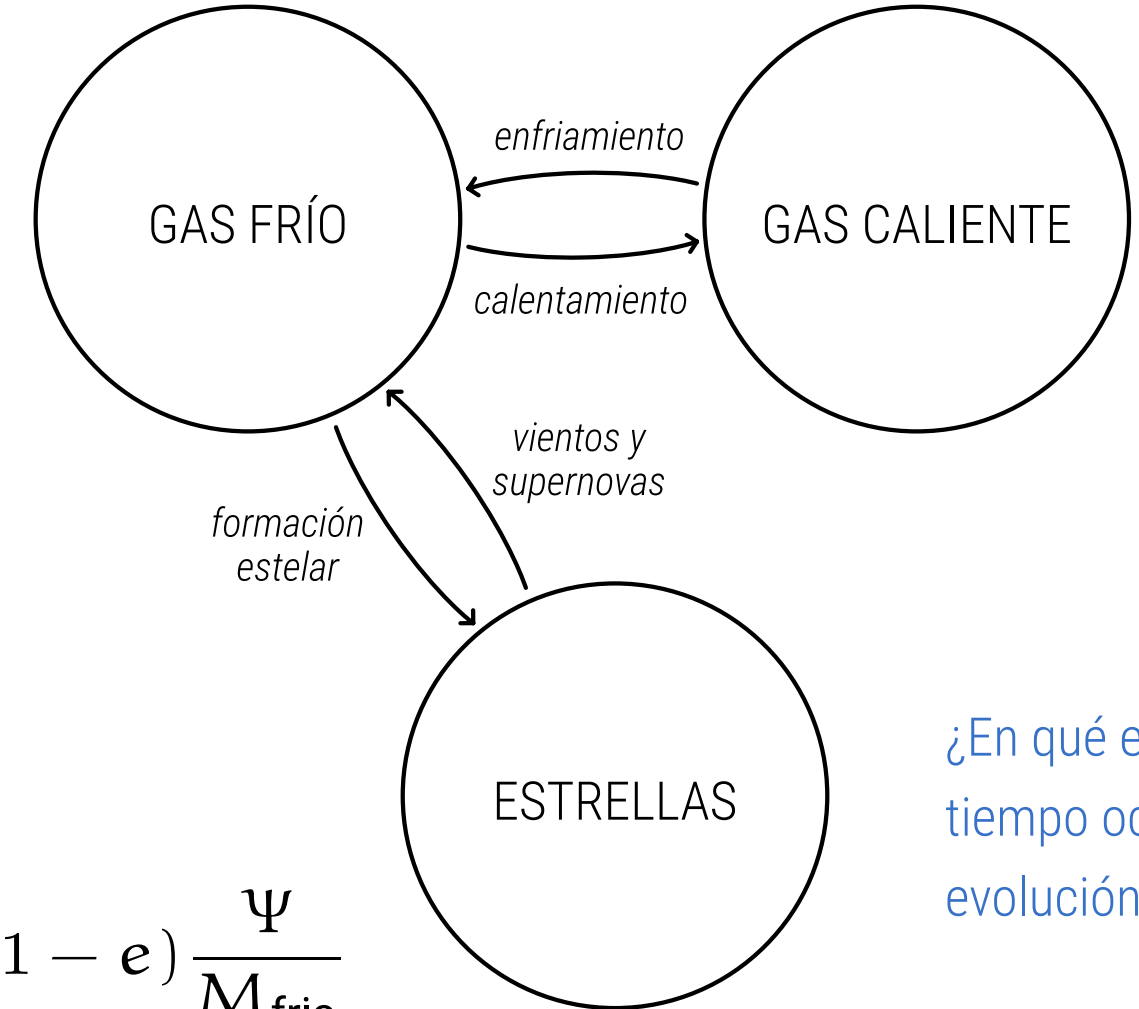
$$\dot{M}_{cal} = -\dot{M}_{enf} + \beta\Psi$$

Escalas temporales:

$$\tau_{enf} \propto 1/\Lambda(\rho_{cal}, T_{cal}, Z_{cal})$$

$$\tau_{din} \propto M_{frio}/\Psi$$

$$\tau_{\star} \propto 1/F(m_{\star}, Z_{\star})$$



Evolución química:

$$\dot{Z}_{\star} = (1 - R)\frac{\Psi}{M_{\star}}(Z_{frio} - Z_{\star})$$

$$\dot{Z}_{frio} = (Z_{cal} - Z_{frio})\frac{\dot{M}_{enf}}{M_{frio}} + p(1 - e)\frac{\Psi}{M_{frio}}$$

$$\dot{M}_{\star} = (1 - R)\Psi$$

¿En qué escala de tiempo ocurre la evolución química?