



$$T_s = 200\text{K} \quad \rho = 3\text{ g/cc} \quad \kappa = 10^{-6}\text{ m}^2\text{s}^{-1} \quad C_p = 10^3\text{ J/kgK}$$

$$\lambda = 9.9 \times 10^7\text{ yr}^{-1} \quad H_0 = 6.28 \times 10^{-8}\text{ W/ly}^{-1}$$