



$$k = 1.0 \text{ cm}^2/\text{g}$$

$$r = 1.0 \text{ g}/\text{cm}^3$$

$$T_{\text{mat}} = 0 \text{ eV}$$

$$a = 4a \text{ erg}/\text{cm}^3$$

$$l = 20 \text{ cm}$$