$\label{eq:material} \begin{aligned} &\text{Material} = \text{Copper, IHED data Copper} \\ &r_0 {=} 8.92 \text{ (g/cm}^3\text{), Us (km/s)} {=} 3.98 {+} 1.47 \text{up-} 0.005008 \text{up}^2 \end{aligned}$

