Mean free path of CRs in the DiM phase

$n_{\mathrm{tot}} = 100 \ \mathrm{cm}^{-3}$ - $B = 4.89\mathrm{e}\text{-}06 \ \mu\mathrm{G}$ - $T = 30 \ \mathrm{K}$ - $\mathrm{grad}(P_{\mathrm{CR}}) = 1\mathrm{e}\text{-}29 \ \mathrm{erg} \ \mathrm{cm}^{-4}$

Mean free path - [pc]

Mass normalised kinetic energy