Mean free path of CRs in the CNM phase

$n_{\rm tot} = 20 \ {\rm cm}^{-3}$ - $B = $ **6e-06** $\mu{\rm G}$ - $T = $ **50** K - ${\rm grad}(P_{\rm CR}) = $ **1e-29** ${\rm erg \ cm}^{-4}$

Mean free path - [pc]

Mass normalised kinetic energy