Number of Ionized Dopants vs doping density for Ge at $T = 300$K

Legend:
- $N_A{}^-/N_A$ Ge
- $N_T{}^-/N_T$ Ge

Ge Parameter:
$E_g = 0.66$ eV
$m_n^* = 0.55\ m_e$
$m_p^* = 0.37\ m_e$

y-axis: $N_A{}^-/N_A$

x-axis: doping density / m^{-3}