Alfven mode dispersion relation in the WNM phase $n_{
m tot} =$ 0.2 cm $^{-3}$ - B = 5e-06 $\mu {
m G}$ - T = 6000 K - ${
m grad}(P_{
m CR}) =$ 1e-29 ${
m erg} \ {
m cm}^{-4}$ 10⁻³ 10⁻⁴ 10⁻⁵ 10⁻⁶ 10⁻⁷ 10⁻⁸ ω_R , ω_I [s $^{-1}$] 10⁻⁹ 10⁻¹⁰ 10⁻¹¹ 10⁻¹² 10⁻¹³ 10-14 10⁻¹⁵ 10⁻² 10⁰ 10³ 10^{4} 10⁻¹ 10¹ 10² 10⁶ 10⁷ 10⁵ Mass normalised kinetic energy