Comparison of Ljepojevic & Burgess (1990) with kappa distributions 10¹⁰ Maxwellian, $10^7 f_M$ McWhirter, Kn = 1.05e-3 $\kappa = 5.0$ McWhirter, Kn = 1.3e-3 $\kappa = 10.0$ McWhirter, Kn = 2.1e-3 McWhirter, Kn = 2.6e-3 $\kappa = 20.0$ 10⁹ $\kappa = 40.0$ McWhirter, Kn = 3.2e-3 $\kappa = 80.0$ Barlow, Kn = 2.2e-4 $\kappa = 160.0$ Barlow, Kn = 6.2e-410⁸ $\kappa = 320.0$ Barlow, Kn = 5.9e-3McWhirter, Kn = 1e-3 Barlow, Kn = 2.8e-210⁷ Excess over Maxwellian: f/f_M 10⁶ 10⁵ 10⁴ 10³ 10^2 10¹ 10⁰ 10^{-1} 10⁰ 10¹ 10^{2} E/kT