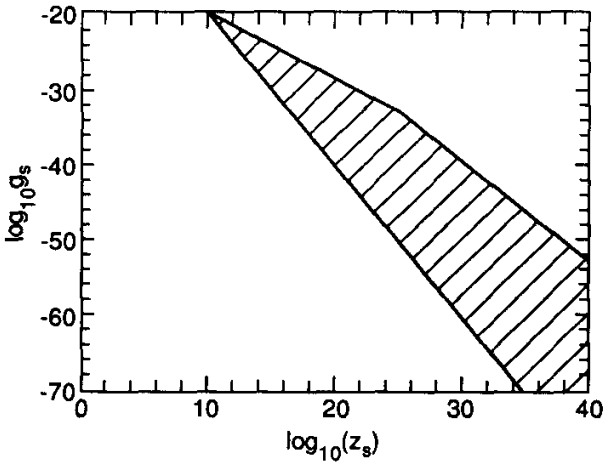

Fig. 2

Figure 2: The shaded area represents the allowed region determined by the conditions $r(\omega_G) > 10^{-34}$ and $r(\omega) < 1$, and defines the values of z_s, g_s compatible with a large enough amplification of the electromagnetic vacuum fluctuations to seed the galactic magnetic field.