



Figure 12.13. The dissolution rate (R) for calcite from the laboratory experiments of Keir (1980) as a function of the degree of undersaturation, $(1 - \Omega)$. Lines represent the rate laws with exponents of $n = 1.3$ and 1.0 as reinterpreted using more realistic values for the saturation equilibrium constant by Hales and Emerson (1997a).