



FIGURE 2.27. Circles denote the major-element composition of seawater for the past 550 million years estimated from measurements made on fluid inclusions from marine halites (Lowenstein *et al.*, 2001, 2003; Demicco *et al.*, 2005). The line shows the results of a simple model of seawater as a mixture of river water and high- and low-temperature alterations at mid-ocean ridges (Demicco *et al.*, 2005).