

**Figure 5.3.** Laboratory-determined temperature dependence of the oxygen isotope difference between biologically produced  $\text{CaCO}_3$  shells (both calcite and aragonite) and the water in which they grew. These curves are drawn by using Eqs. (5.8) and (5.9). There are many different versions of these curves for both inorganically and organically produced  $\text{CaCO}_3$  (see, for example, Bemis *et al.*, 1998).

