

Figure 2.7. The results of measurements of major ions in sediment porewaters collected by *in situ* filtration. Values are presented as the difference between the concentration between bottom water and the porewater samples. Stations are from the continental margin and deep sea in the South Atlantic: (A) on the mid-Atlantic Ridge between Rio de Janeiro and Capetown at c.2000 m; (B) from the continental rise off Rio de Janeiro at 2000 m; (C) from the continental slope off Rio de Janeiro at c.1000 m; and (D) from the Venezuela Basin east of Barbados at c.3000 m. Note that the concentrations of both K^+ and Mg^{2+} decrease with depth in almost all cases. From Sayles, (1979).

