



**Figure 6.16.** The distribution of nitrate ( $\mu\text{mol kg}^{-1}$ ) and  $^{14}\text{C}$ -DIC age (in years) at a depth of 3000 m, illustrating the coincidence between the increase in nutrients and the aging of seawater in the deep ocean. Modified from figure supplied by Robert Key (Key *et al.*, 2004) (see plate xx.).