

Figure 7.6. $\Delta^{14}\text{C}$ activity versus calendar age of sediments from the Cariaco Trench. The carbon-14 dates illustrated by the dots were determined on the shells of planktonic Foraminifera preserved in the sediments. Calendar ages were determined by correlation of sediment reflectance measurements from the cores with $\delta^{18}\text{O}$ changes in the GISP2 ice core from Greenland (see Figure 7.19). The shaded region represents an estimate of the error due to calendar age uncertainty. The thin line is from tree rings and the open squares are from paired ^{232}Th and ^{14}C ages on corals. Redrawn from Hughen *et al.* (2004).

