



Figure 2. Isotopic profiles for both  $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}$ .  $\delta^{18}\text{O}$  increases with increasing depth ( $F(5,29) = 4.926$ ,  $p < 0.01$ ).  $\delta^{13}\text{C}$  decreases with increasing depth ( $F(5,29) = 6.904$ ,  $p < .001$ ). These isotopic compositions were calculated from rim isotopes and represent the range of isotopes that are found in each depth step.