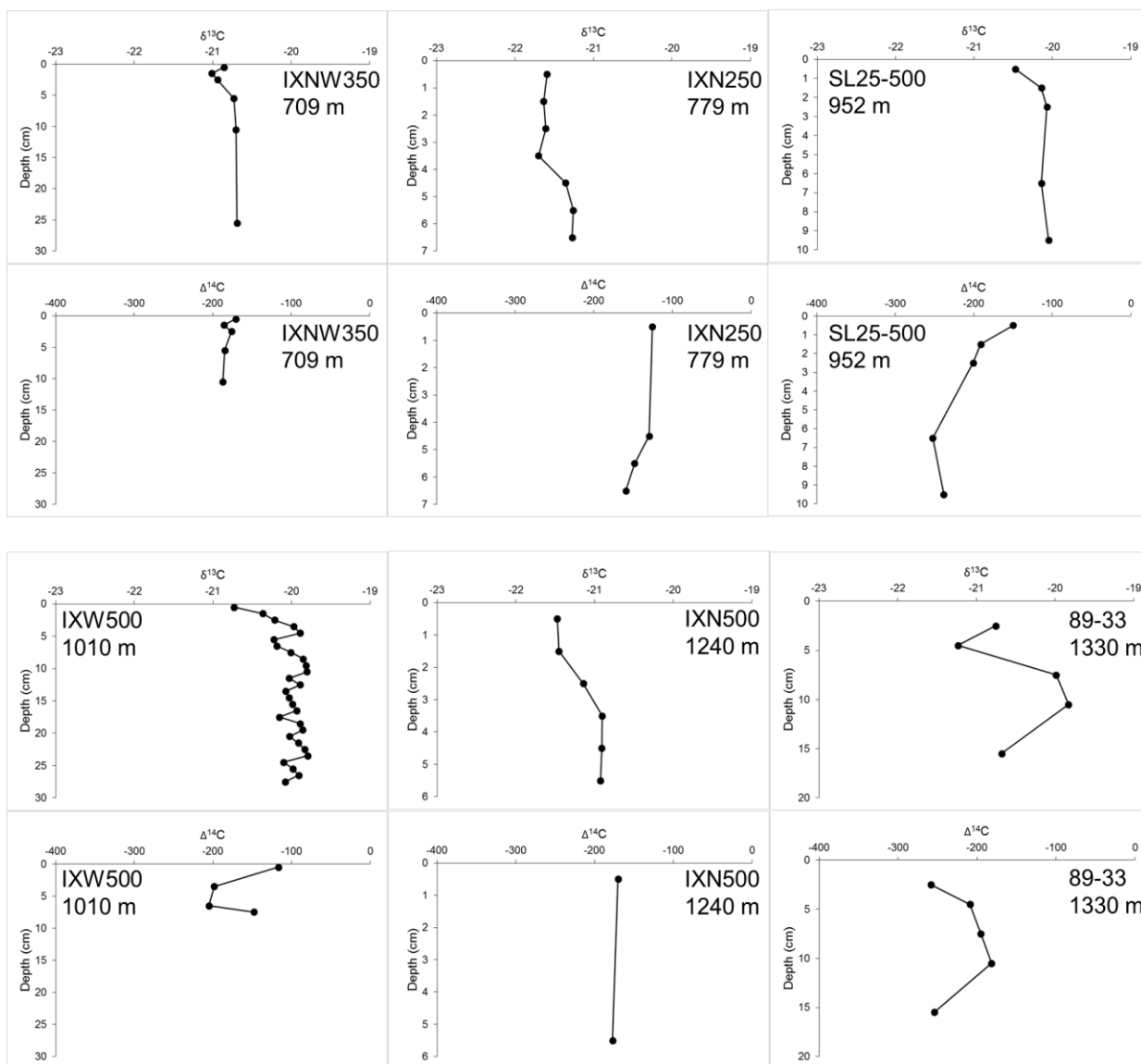
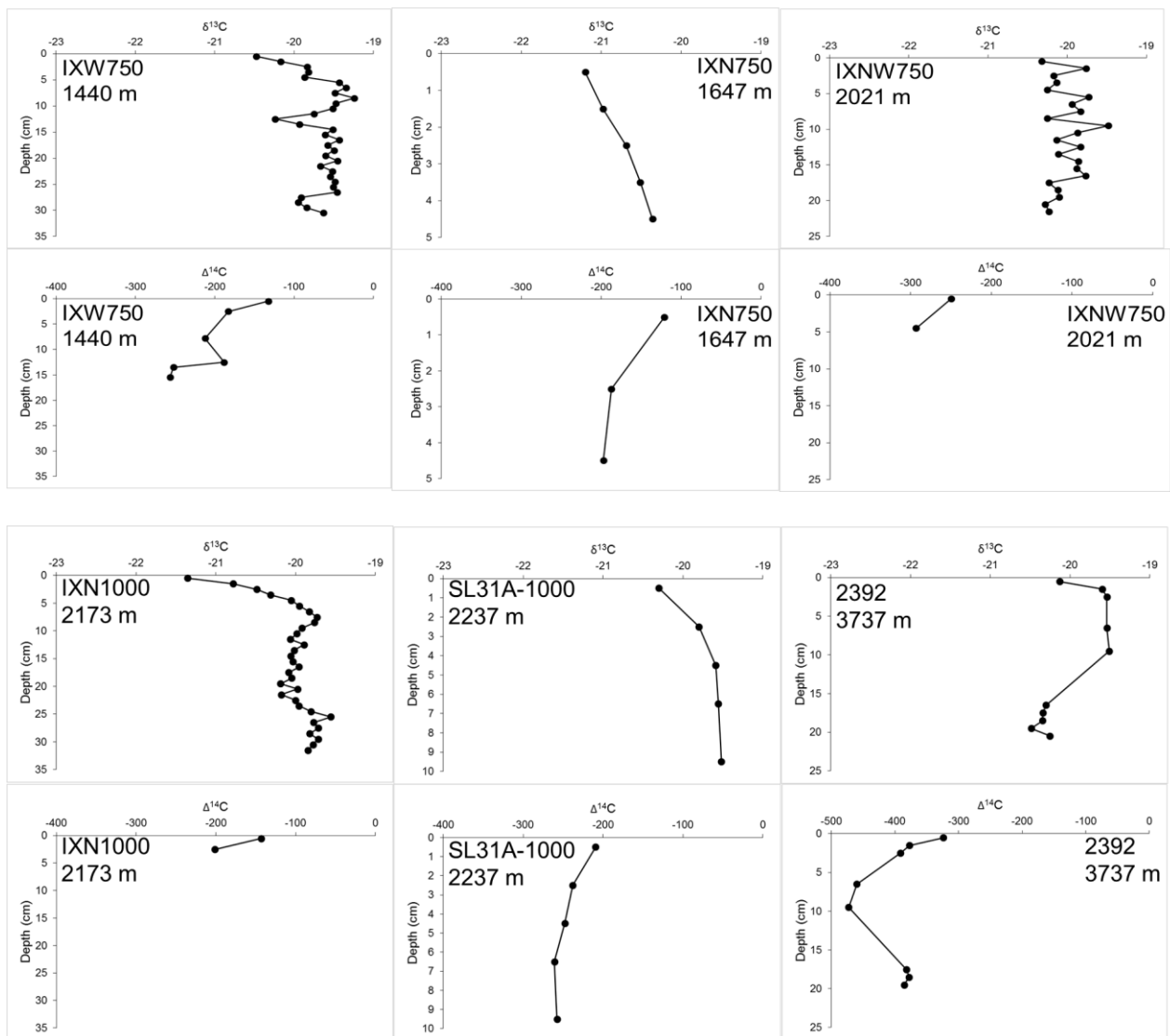


**S1 Fig. Isotopic ( $\delta^{13}\text{C}$  and  $\Delta^{14}\text{C}$ ) core profiles for the remaining 18 cores examined in the southern Gulf of Mexico. Cores are ordered from shallowest water depth to deepest water depth**



**S1 Fig. Continued.**



**S1 Fig. Continued.**