

490 Ma

480 Ma

Panthalassic Ocean

Iapetus Ocean

470 Ma

460 Ma

Taconic orogen

450 Ma

Rheic Ocean

continental arcs

arc-continent sutures

ophiolites

○ $\delta^{18}\text{O}$ conodont (4 to 10)

○ $\delta^{18}\text{O}$ conodont (40 to 100)

○ $\delta^{18}\text{O}$ conodont (10 to 40)

○ $\delta^{18}\text{O}$ conodont (> 100)

28 32 36 40 44

mean temperature ($^{\circ}\text{C}$)