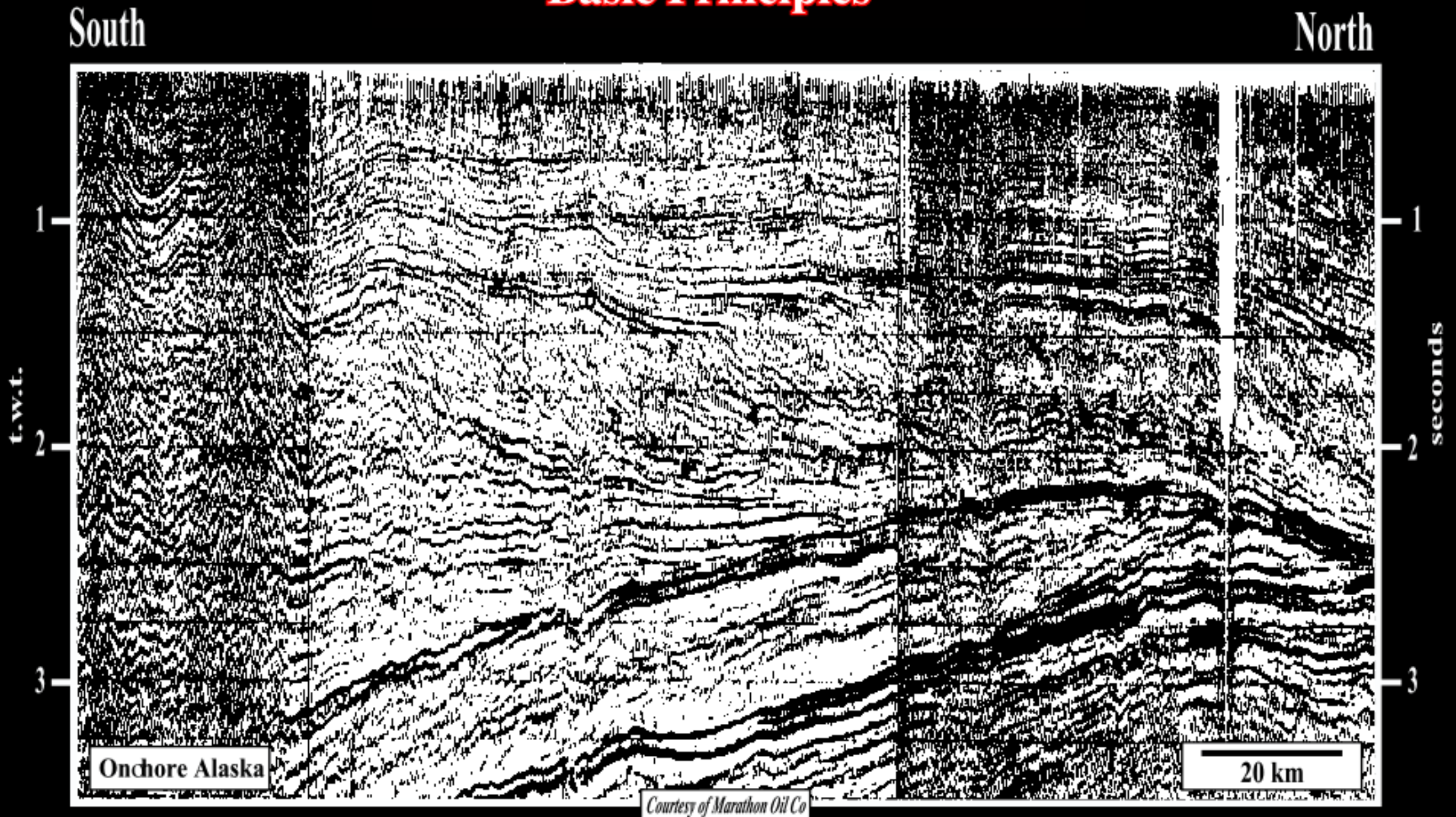
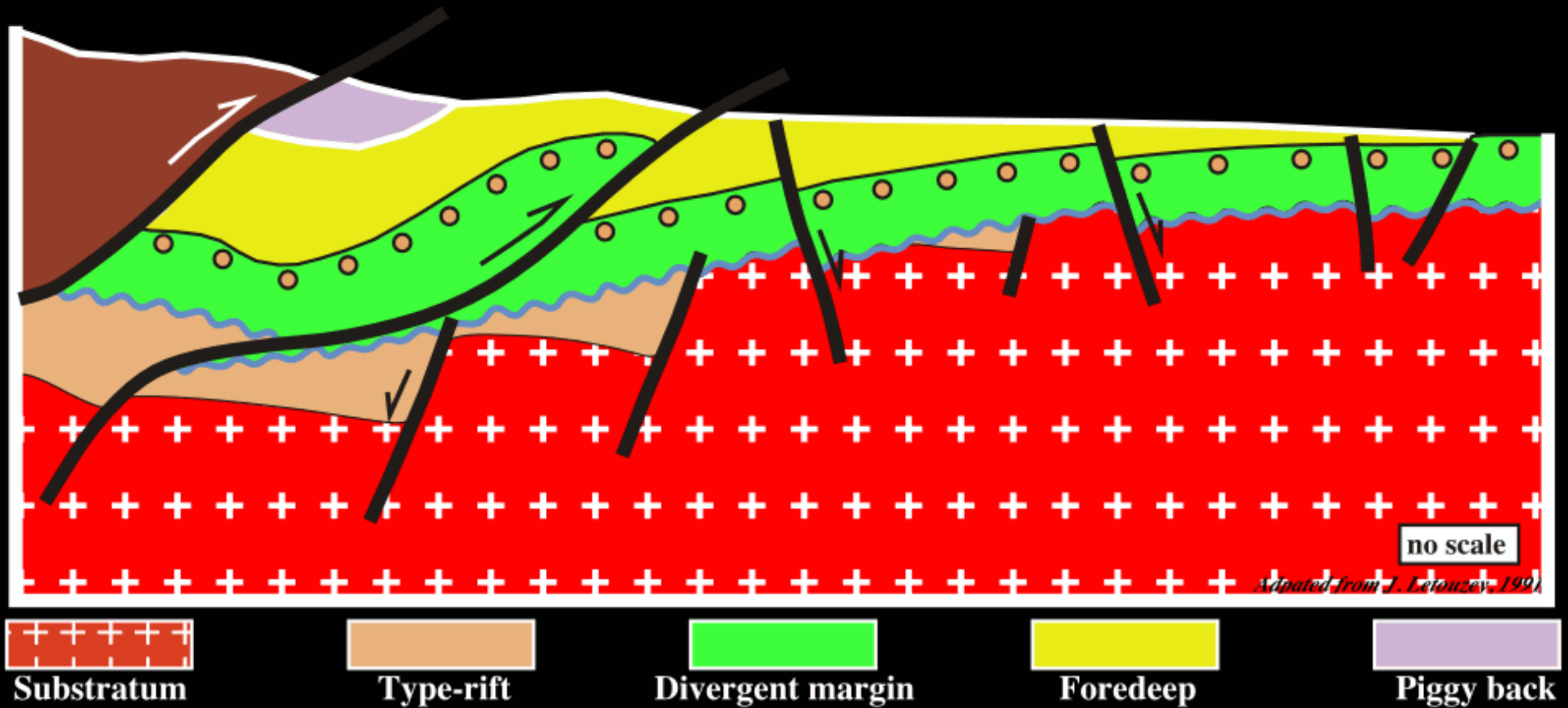


Foredeep Basins

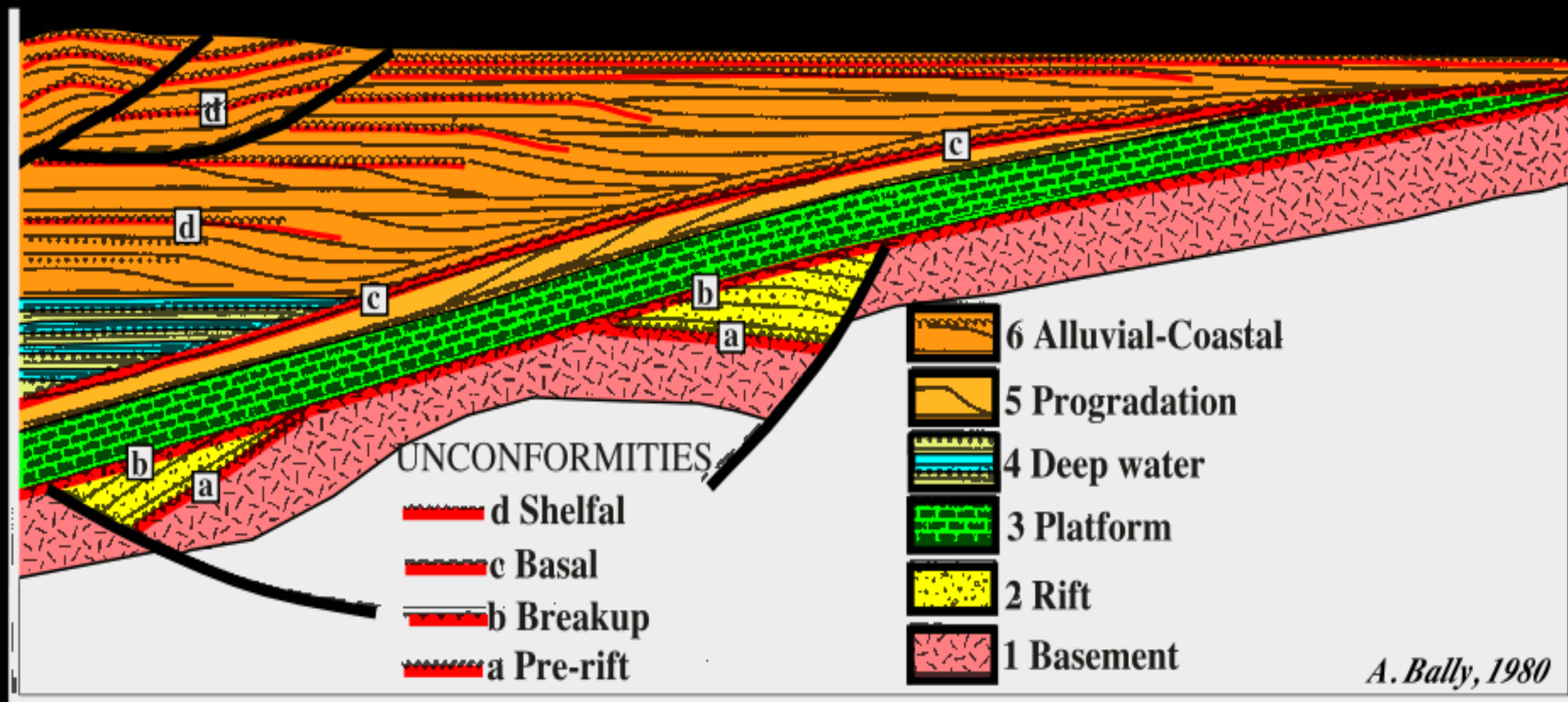
Basic Principles



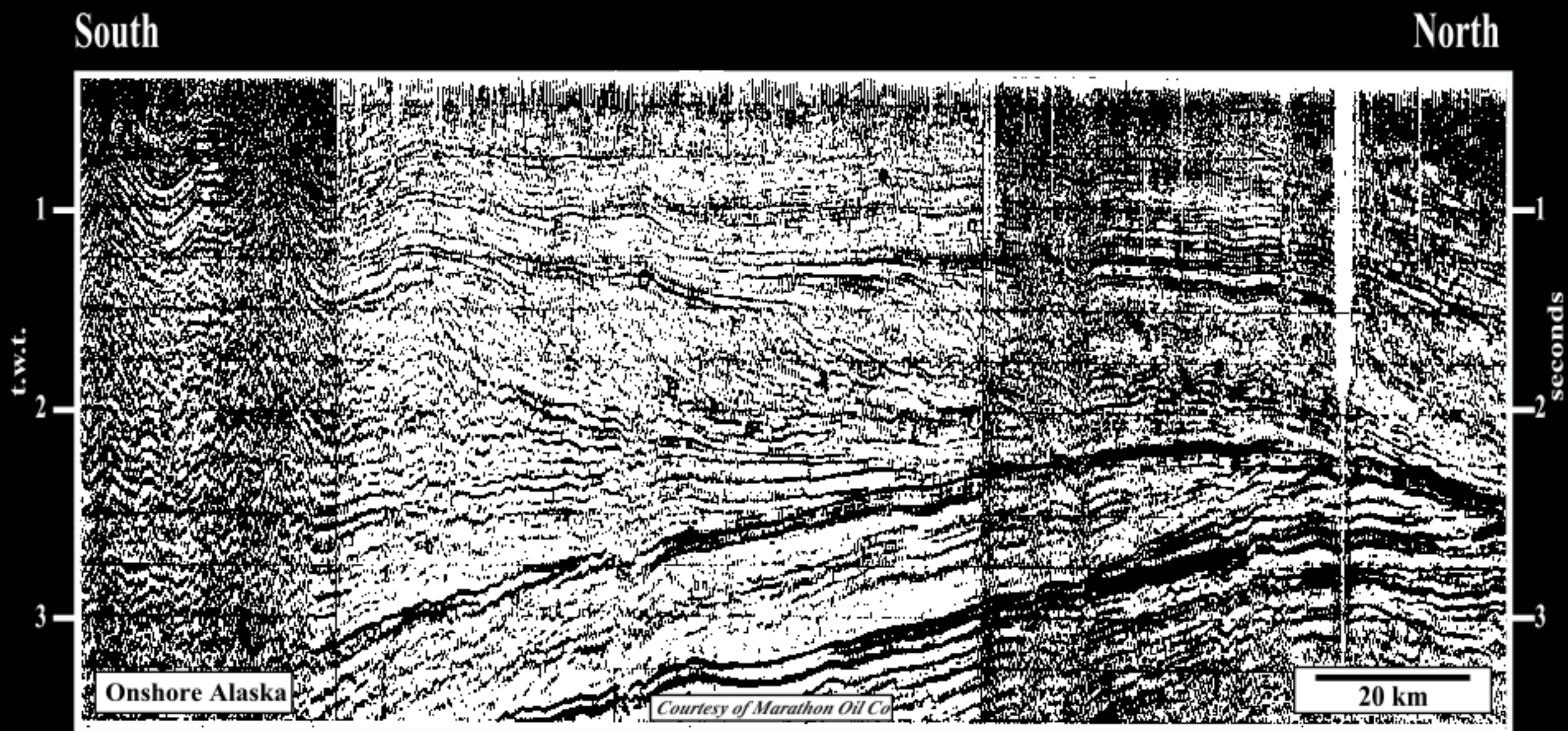
Tectonic-sedimentary units



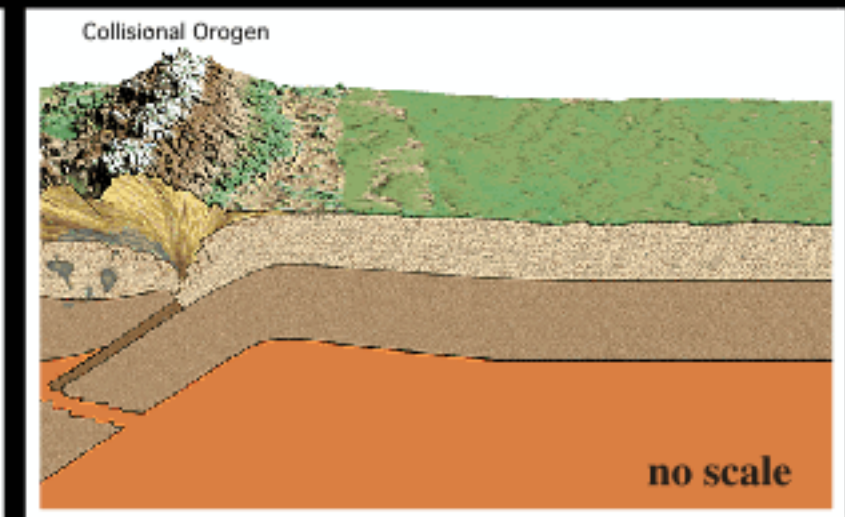
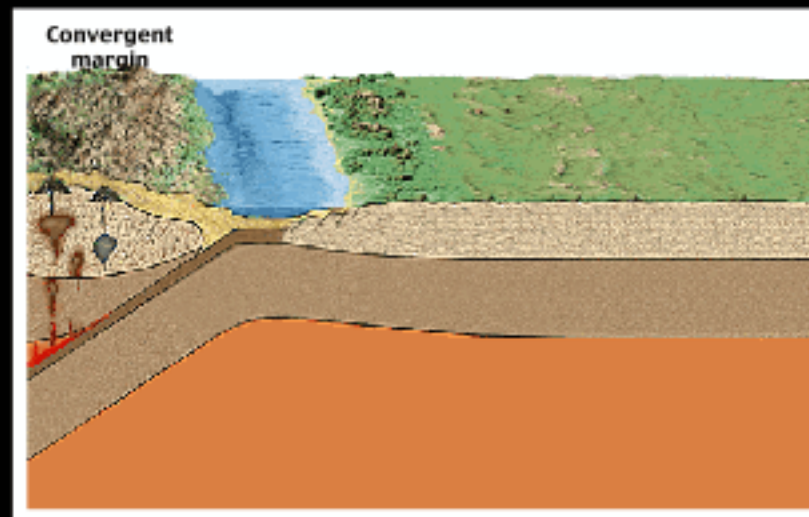
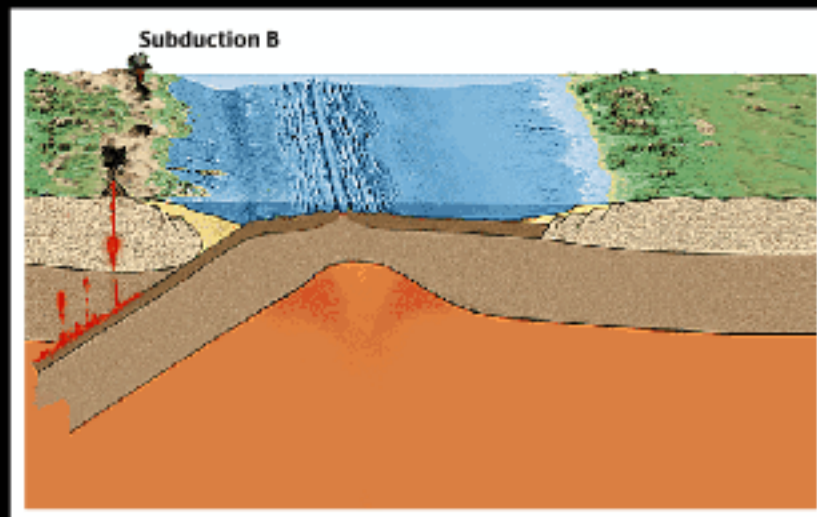
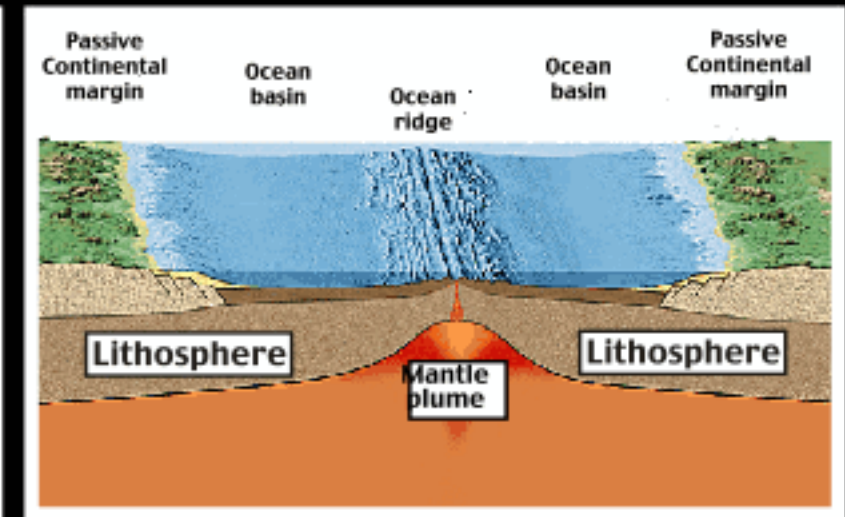
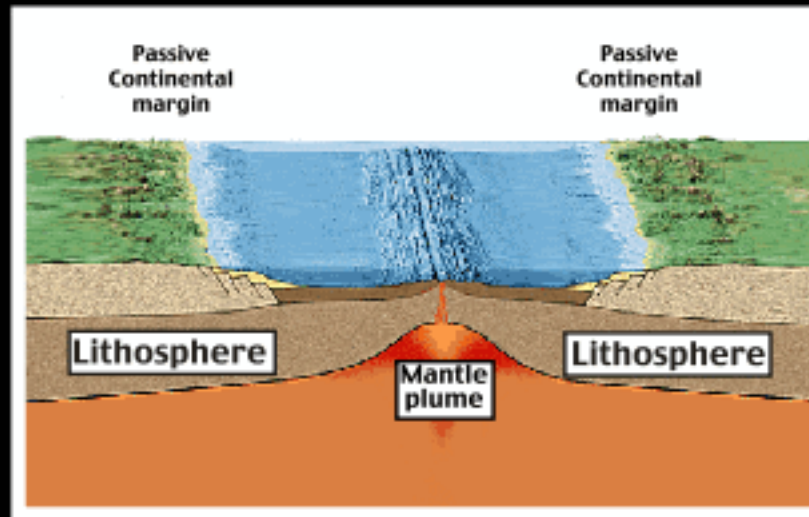
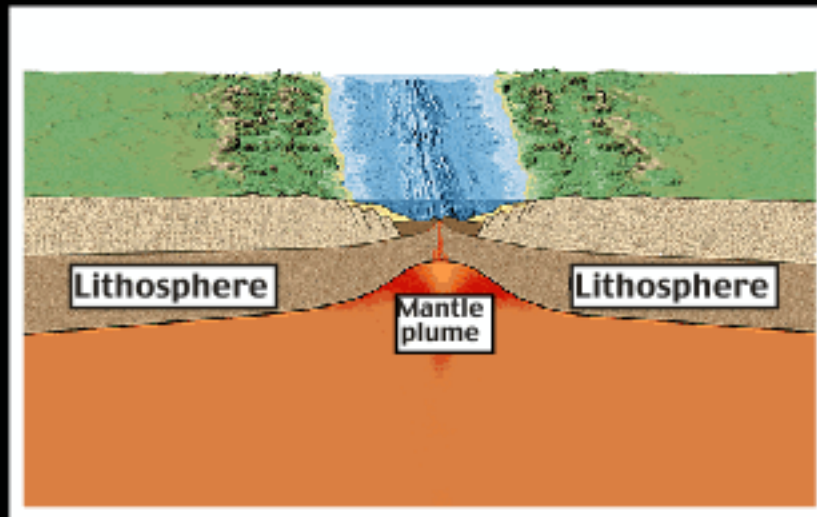
Idealized Foredeep



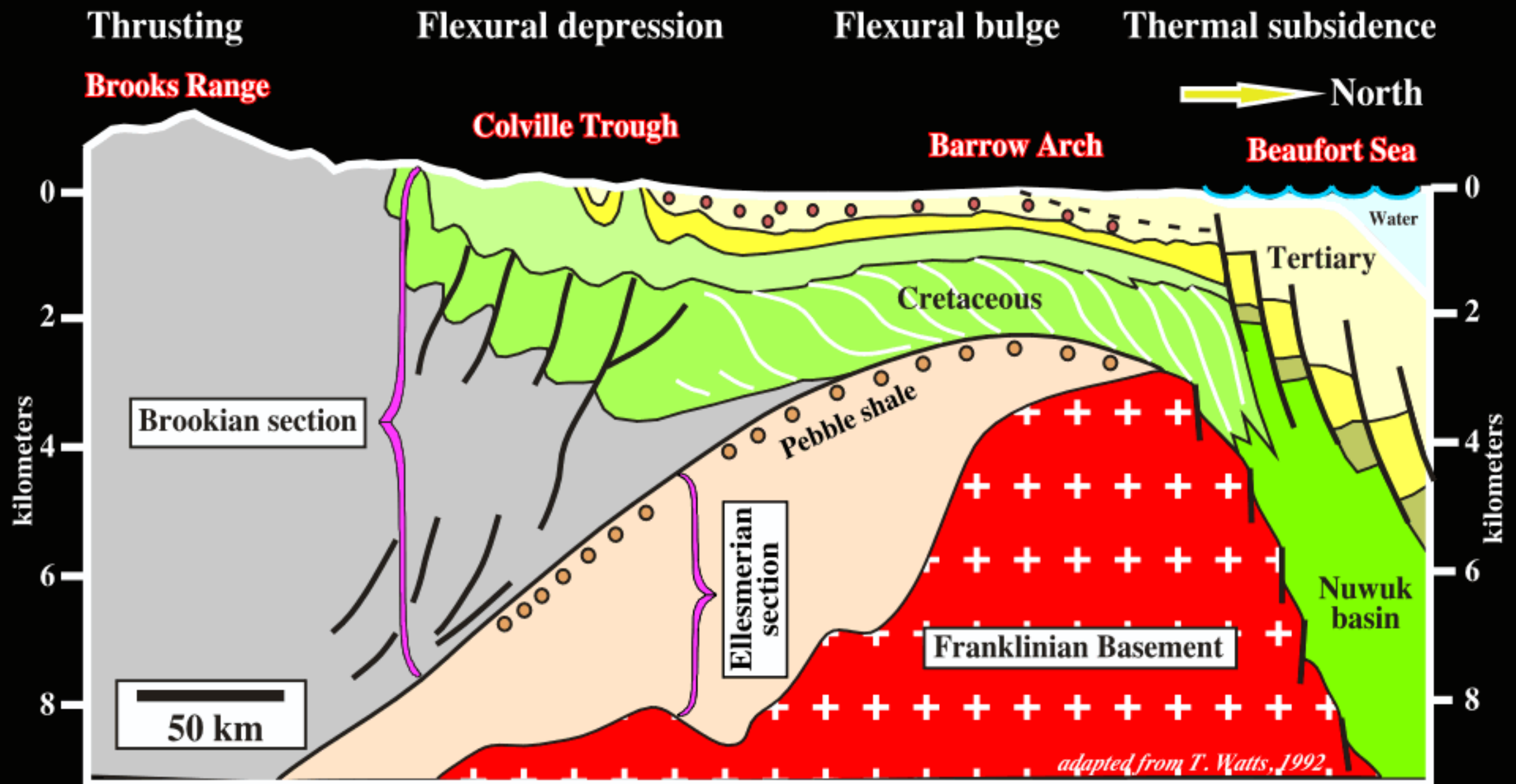
Foredeep Basin



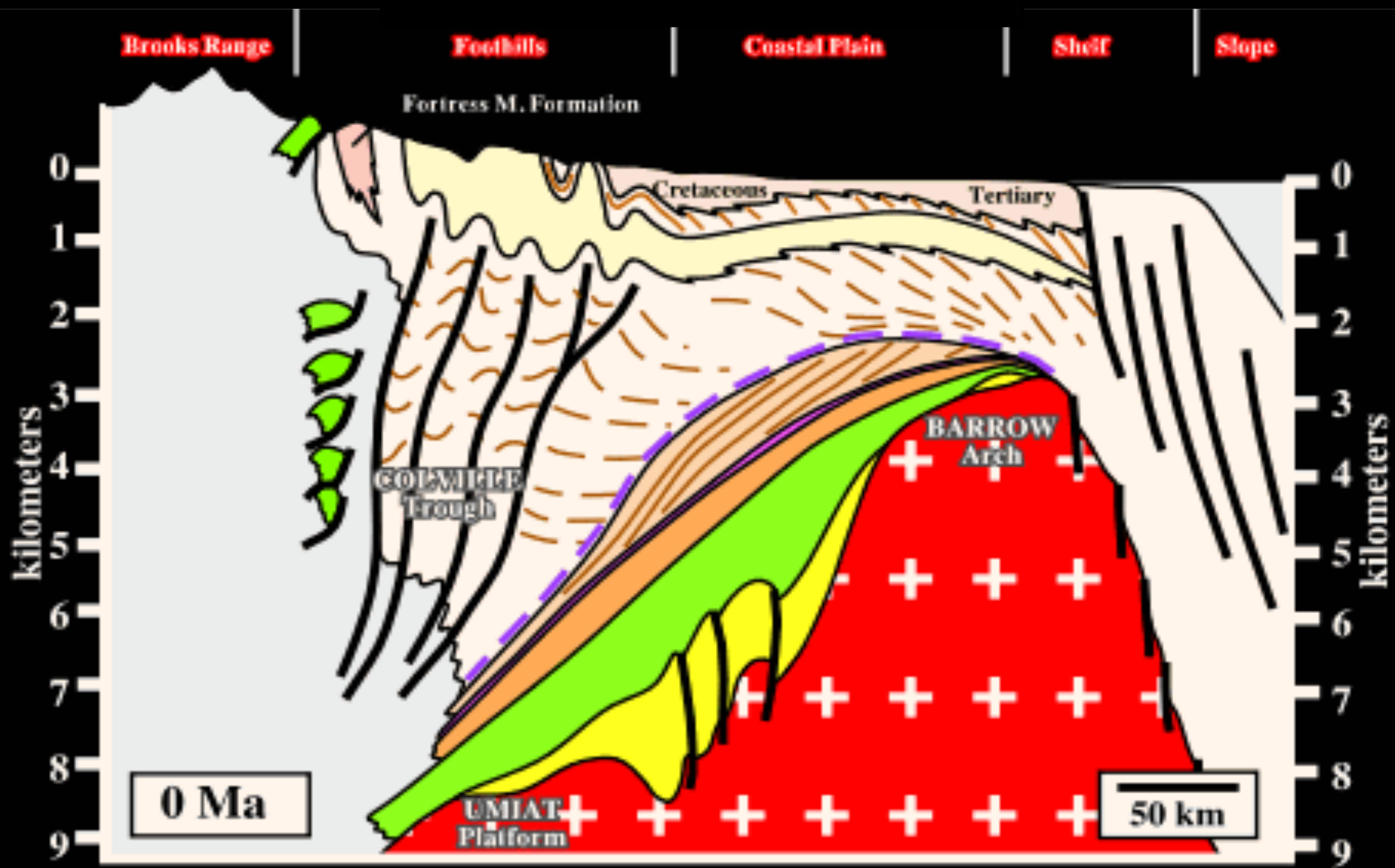
Wilson's Cycle



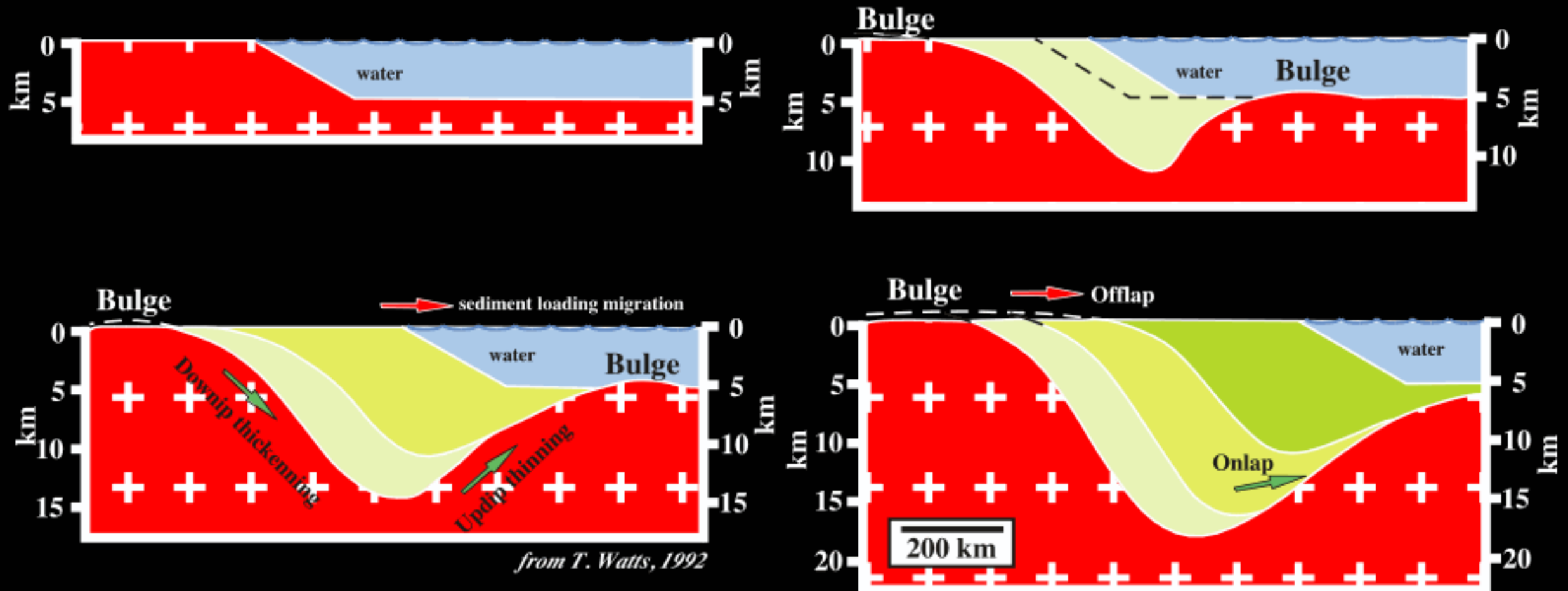
Foredeep basin



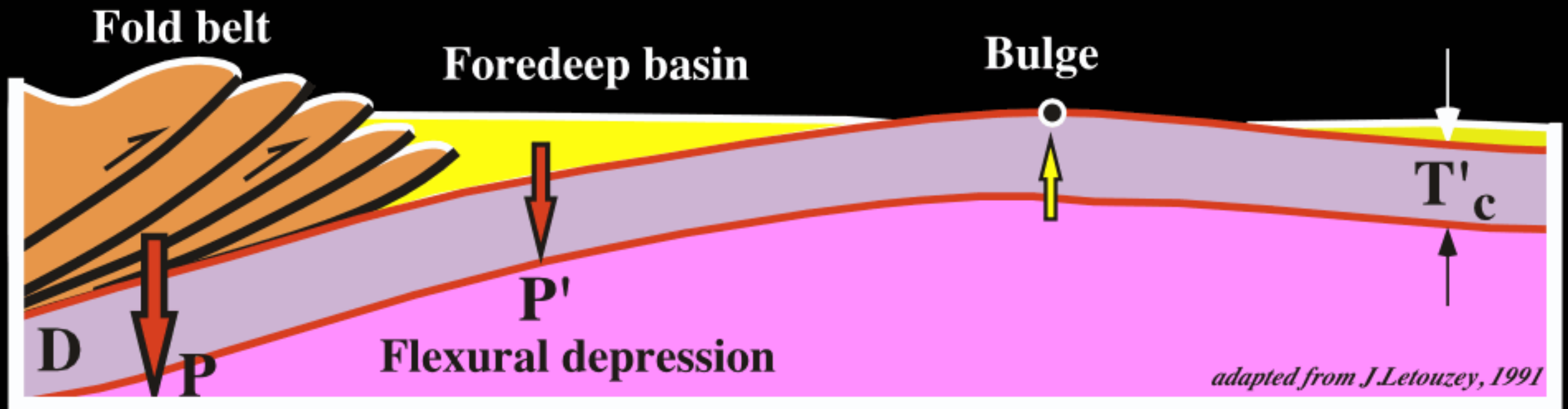
Alaska North Slope Reconstructions



Sedimentary Loading



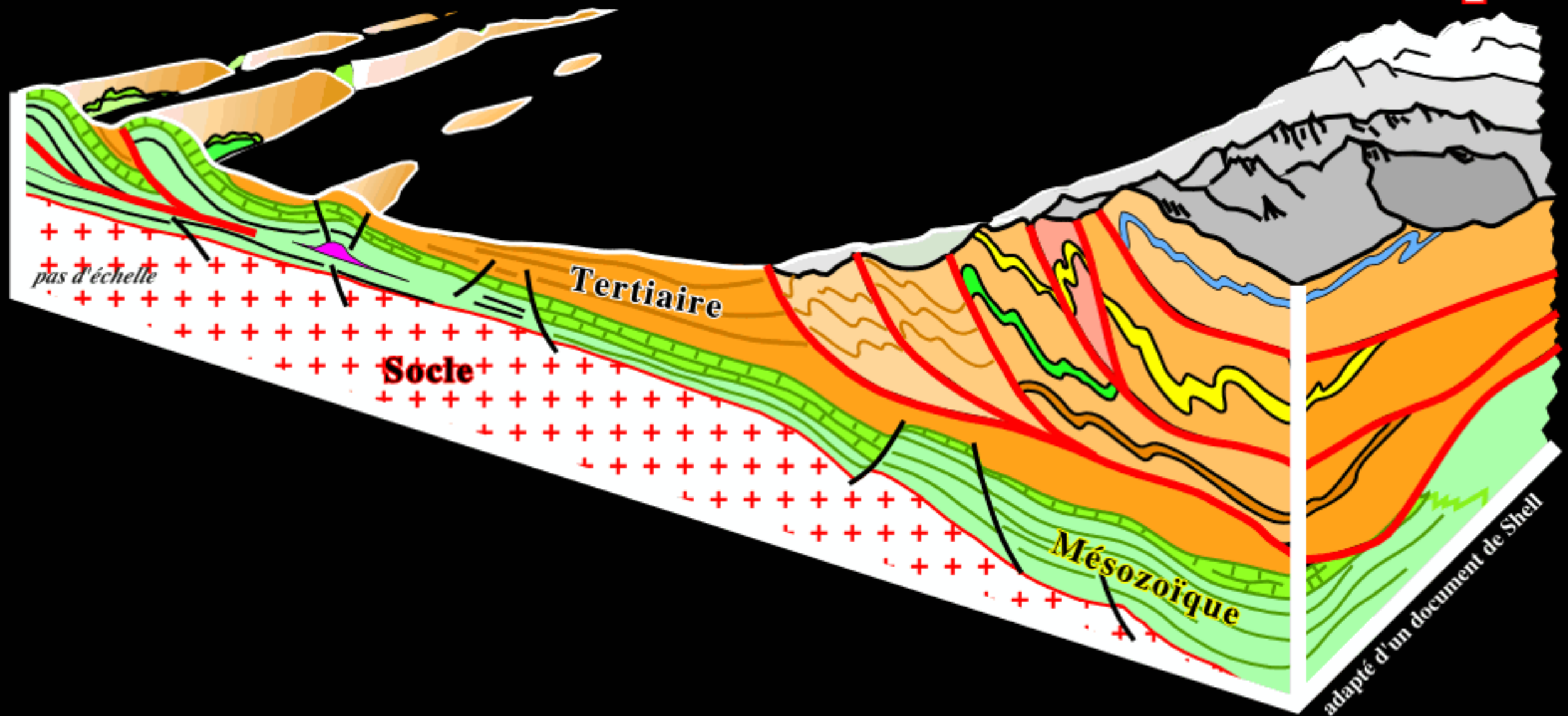
Foredeep subsidence



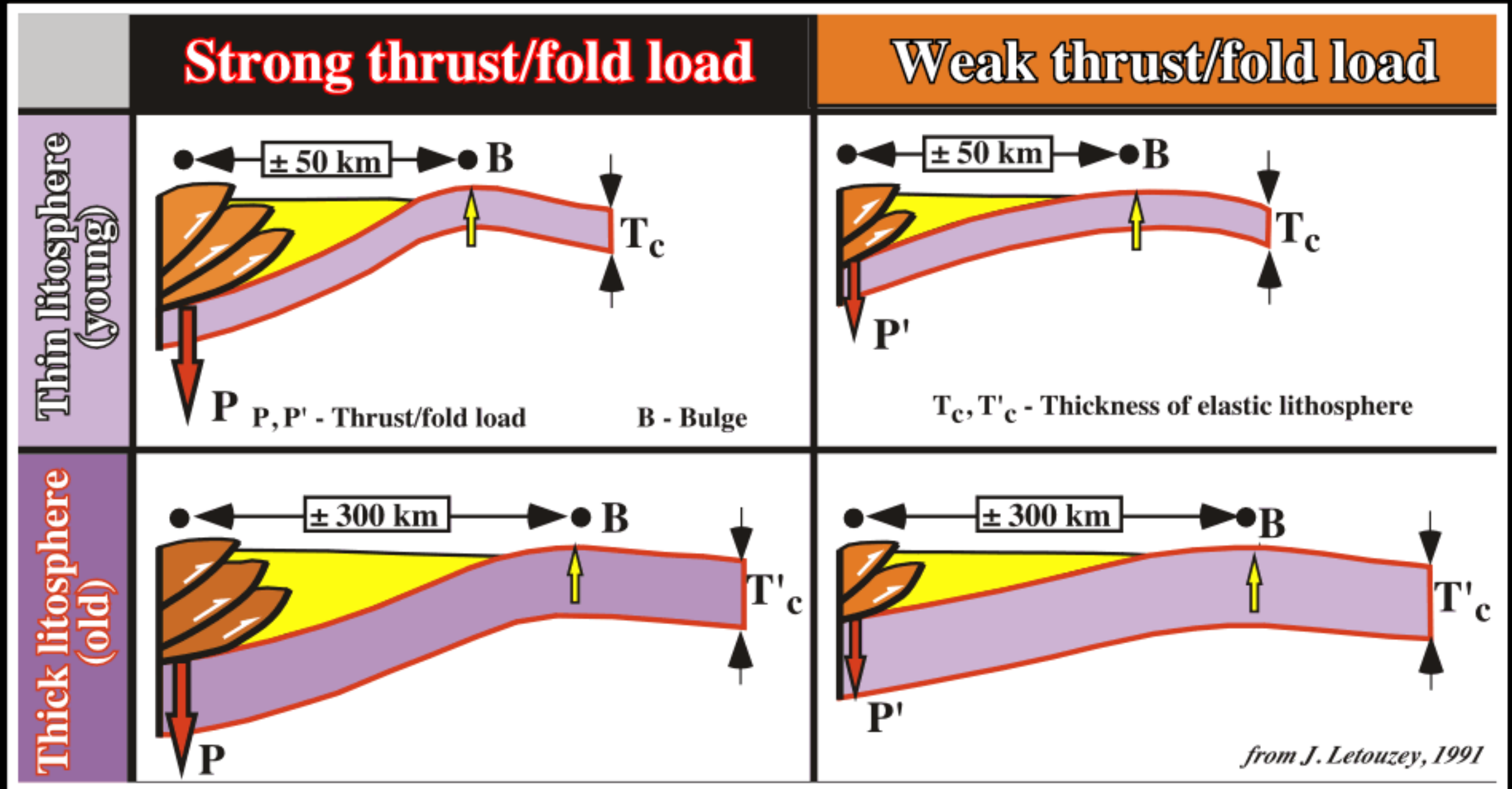
Foredeep subsidence

Jura

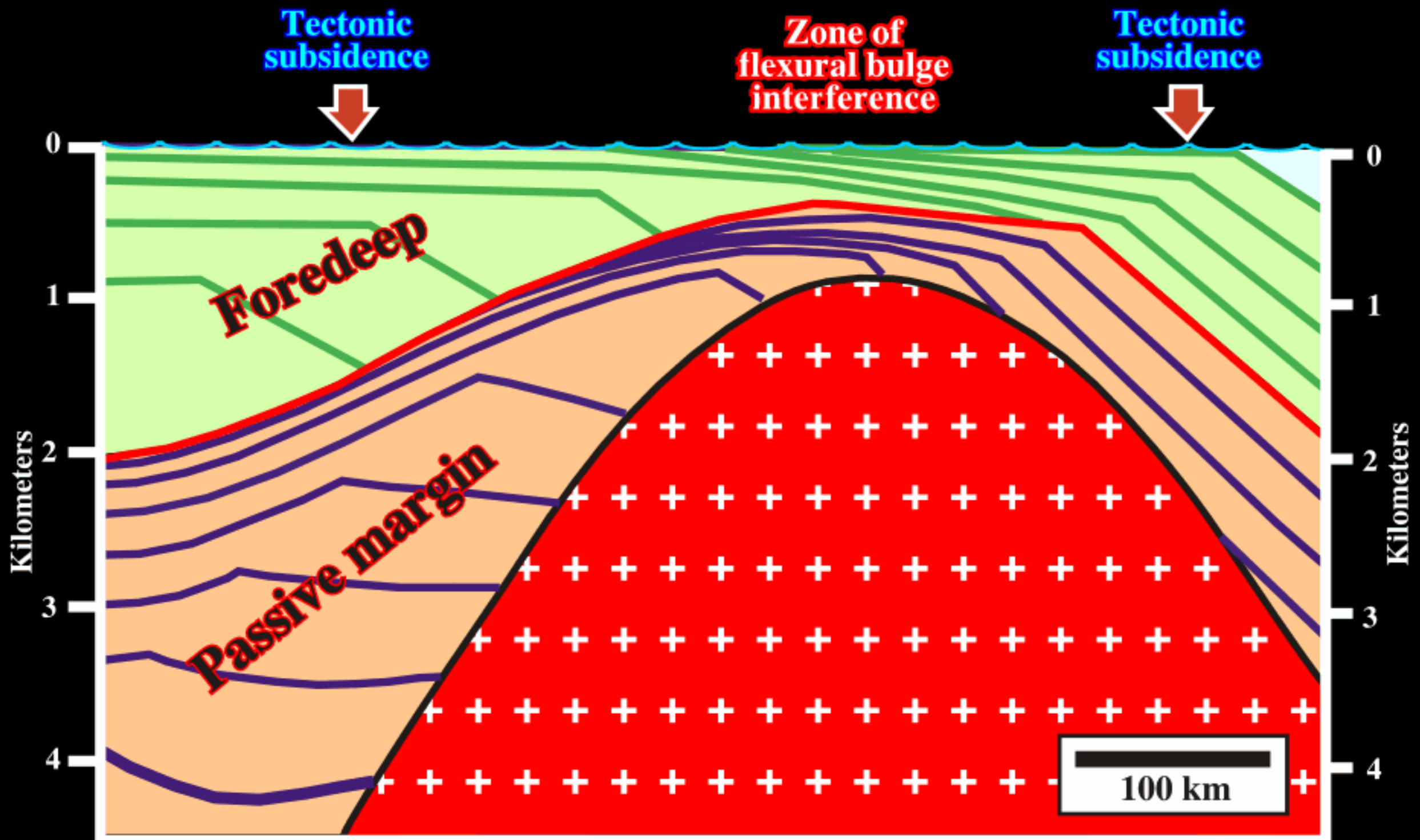
Alpes



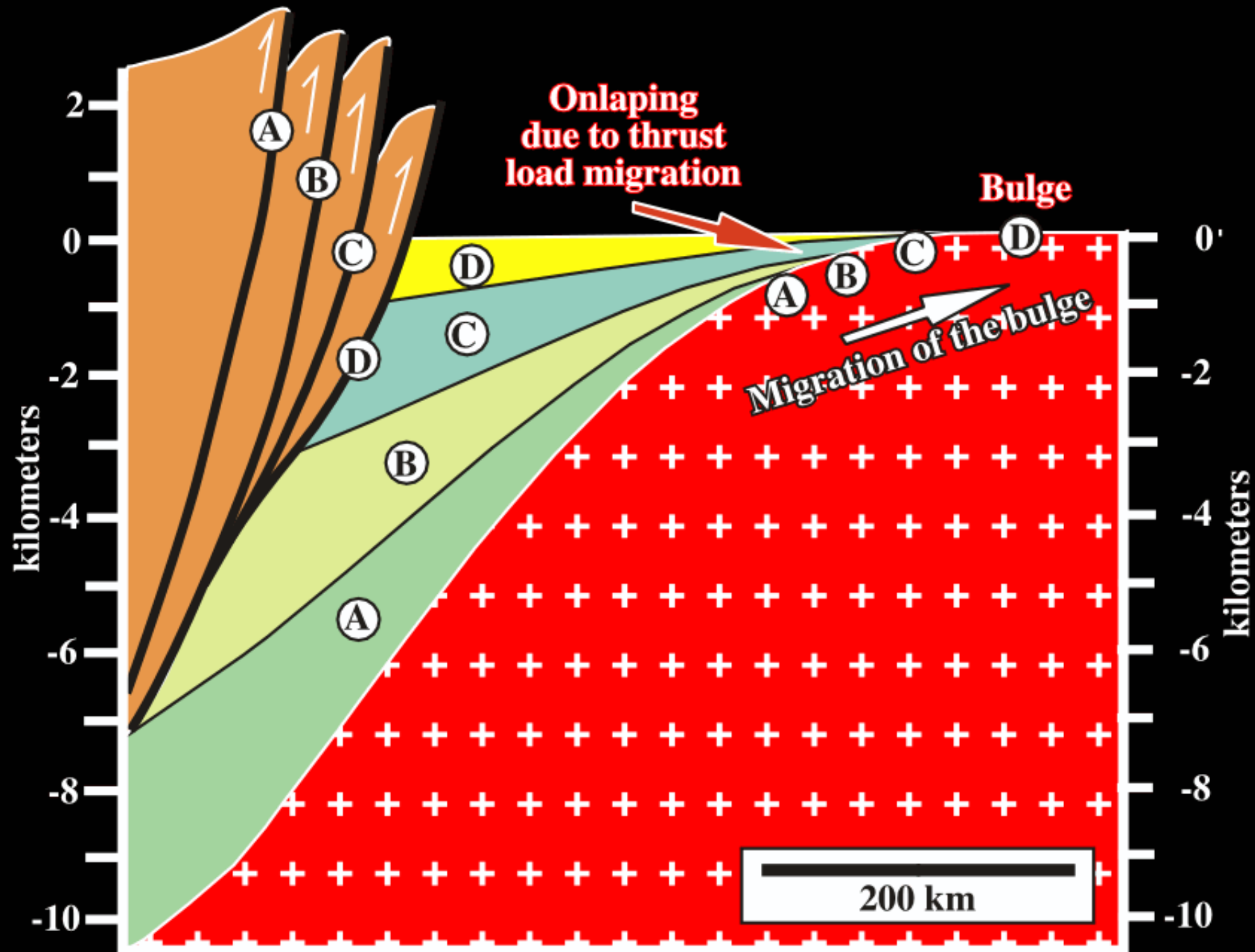
Dimensions of a Foredeep



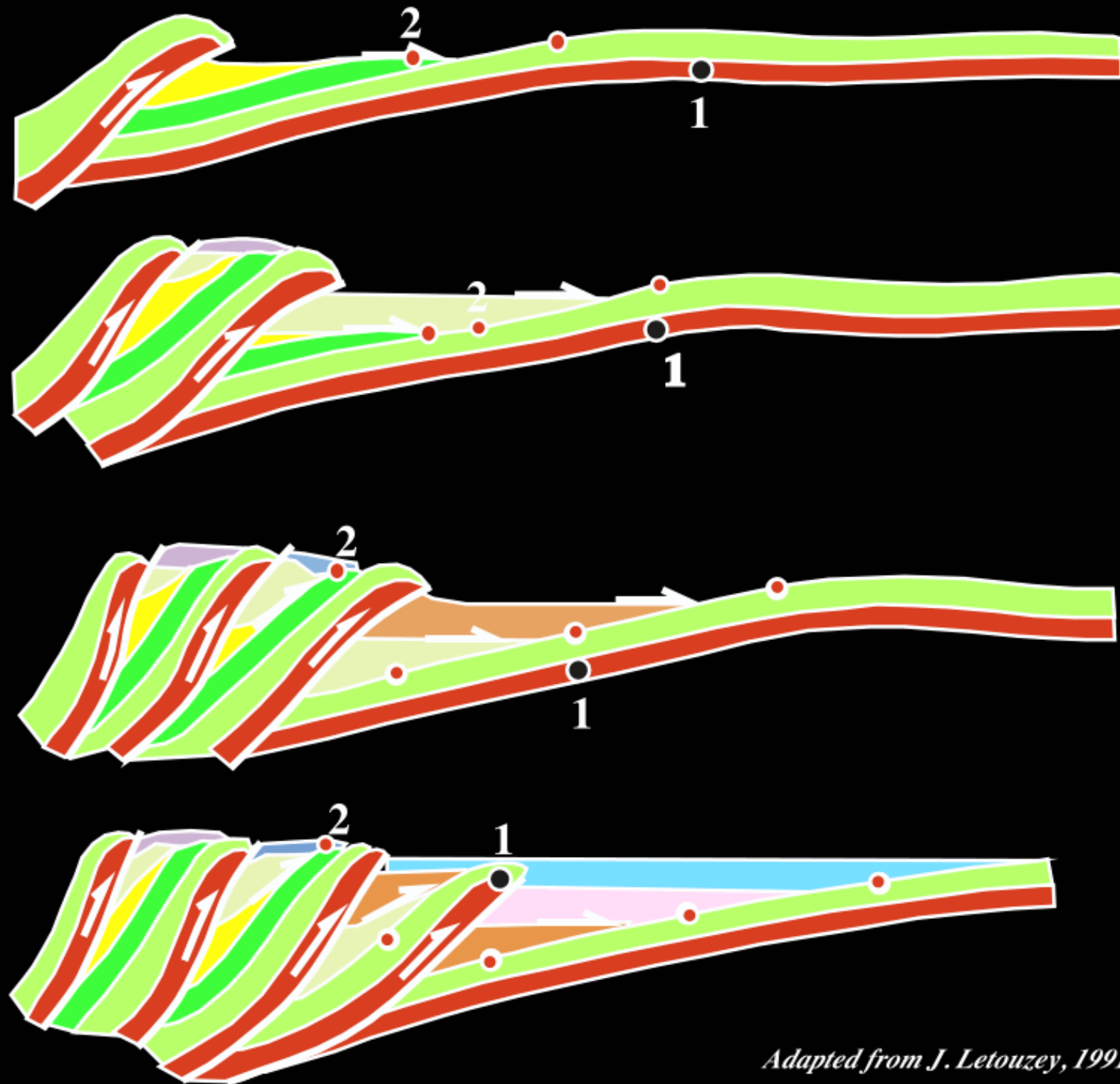
Sedimentary Loads



Outward migration of the bulge

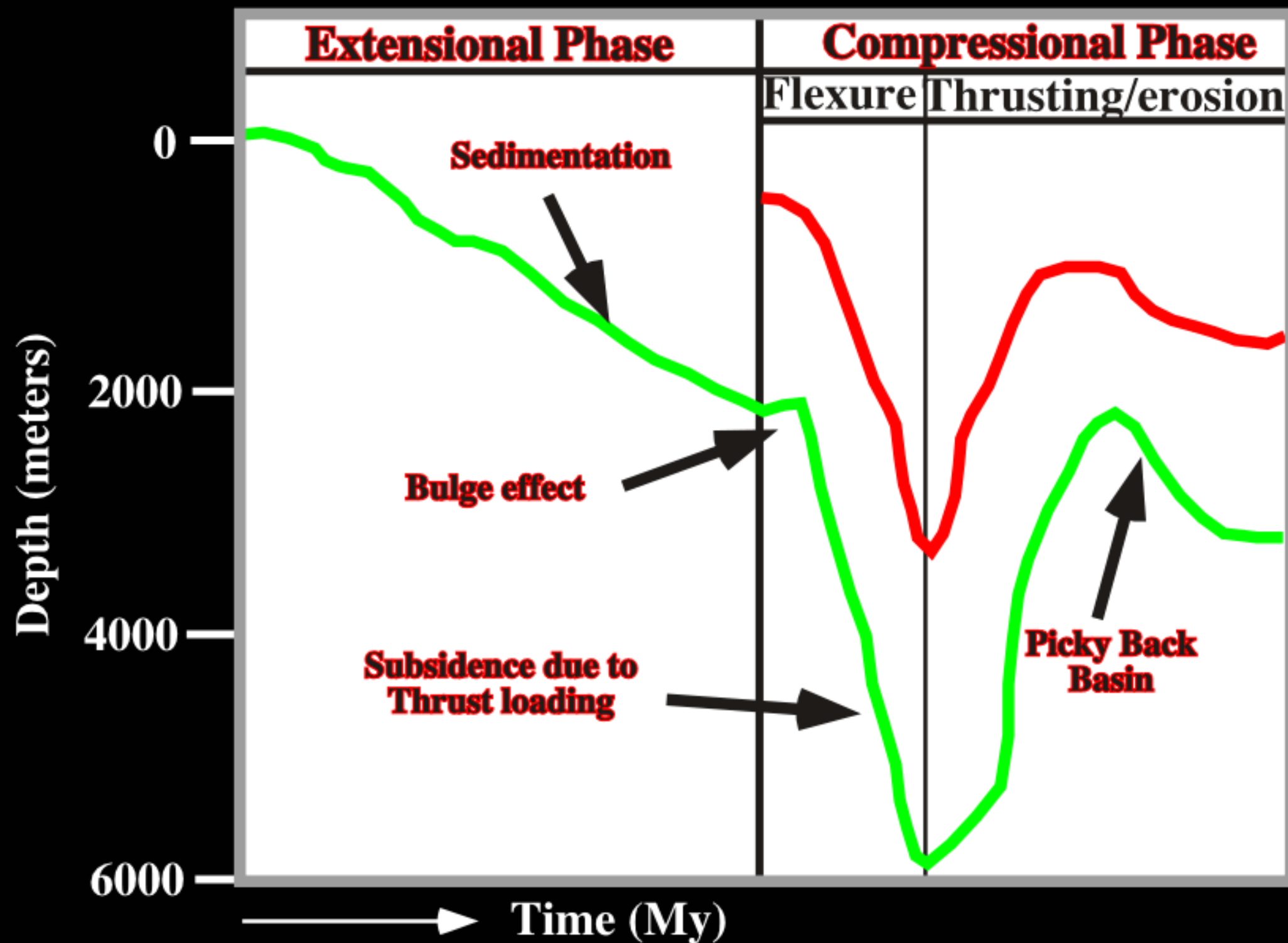


Evolution of a foredeep



Adapted from J. Letouzey, 1991

Sedimentary burial



That it's

Thanks you very much