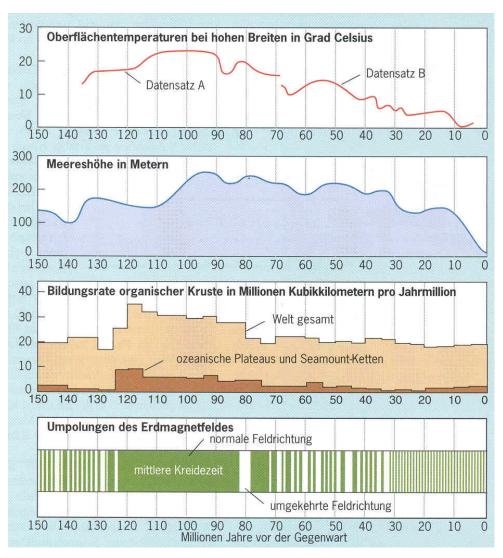
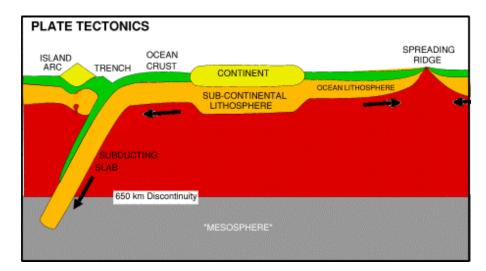
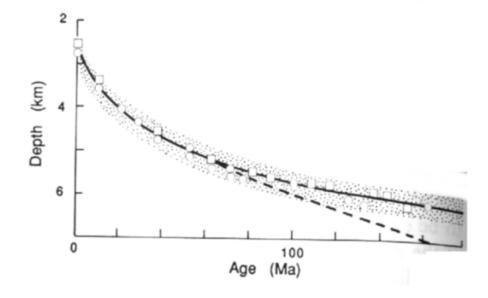
The Earth's magnetic polarity



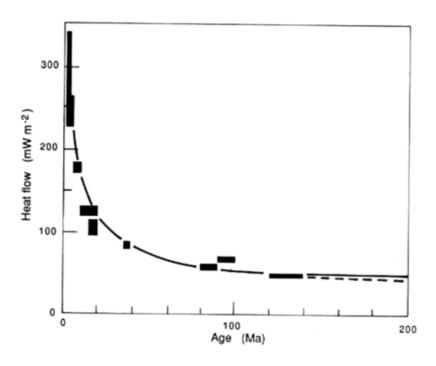
R.L. Larson (2001)



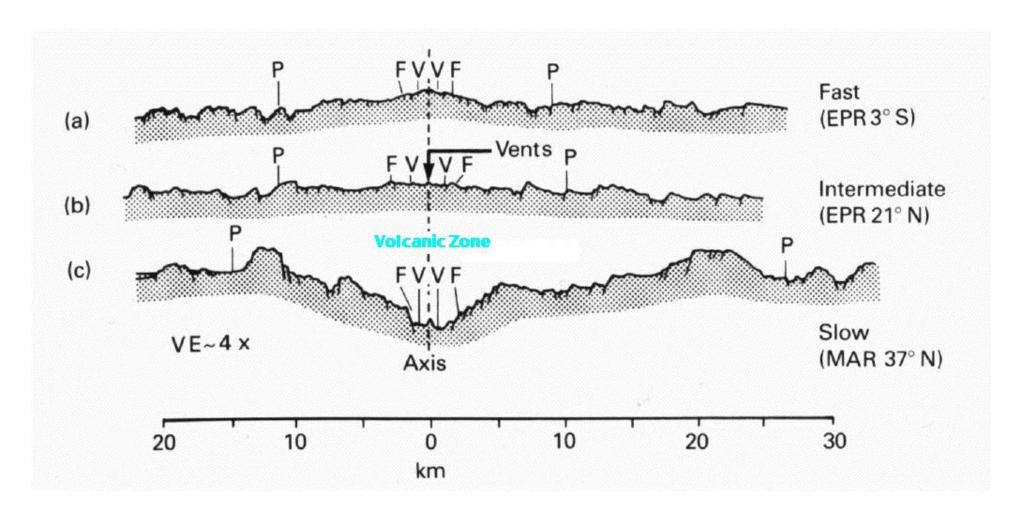
...and it becomes heavier and sinks into the mantle



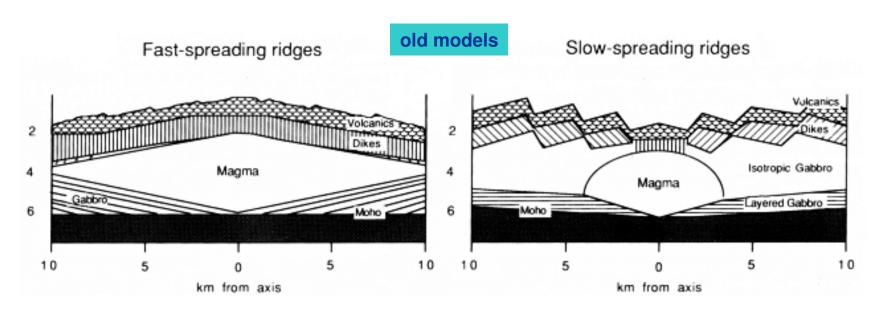
The ocean floor cools with age...

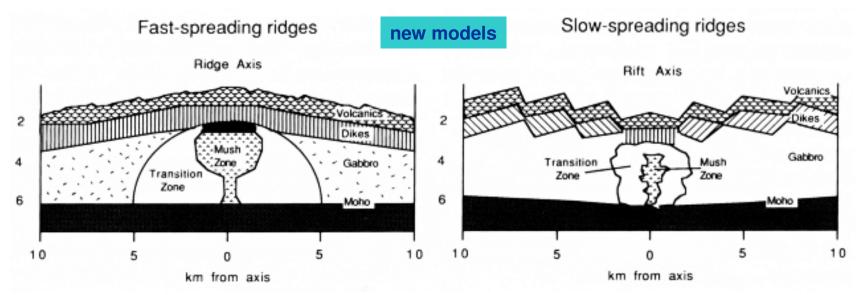


Ridge morphology

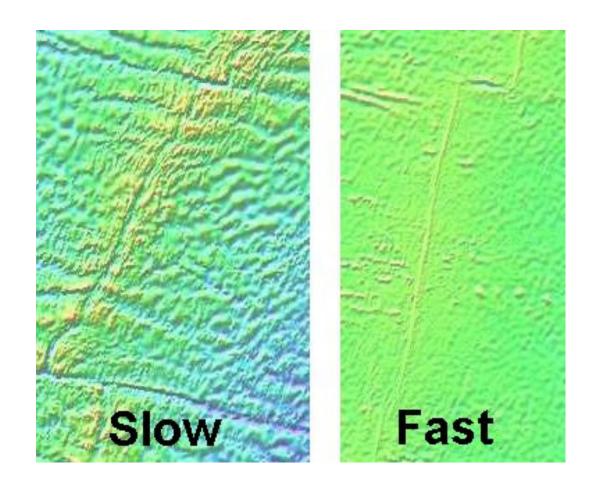


Magma chamber models



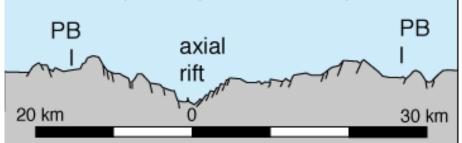


Seafloor morphology

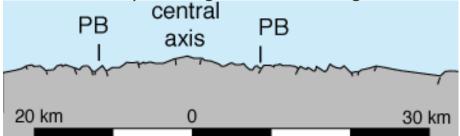


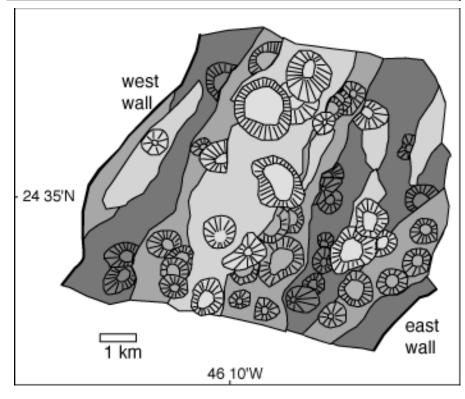
Magma chamber models

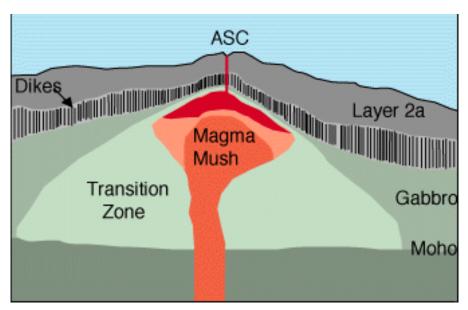




Fast-spreading mid-ocean ridge

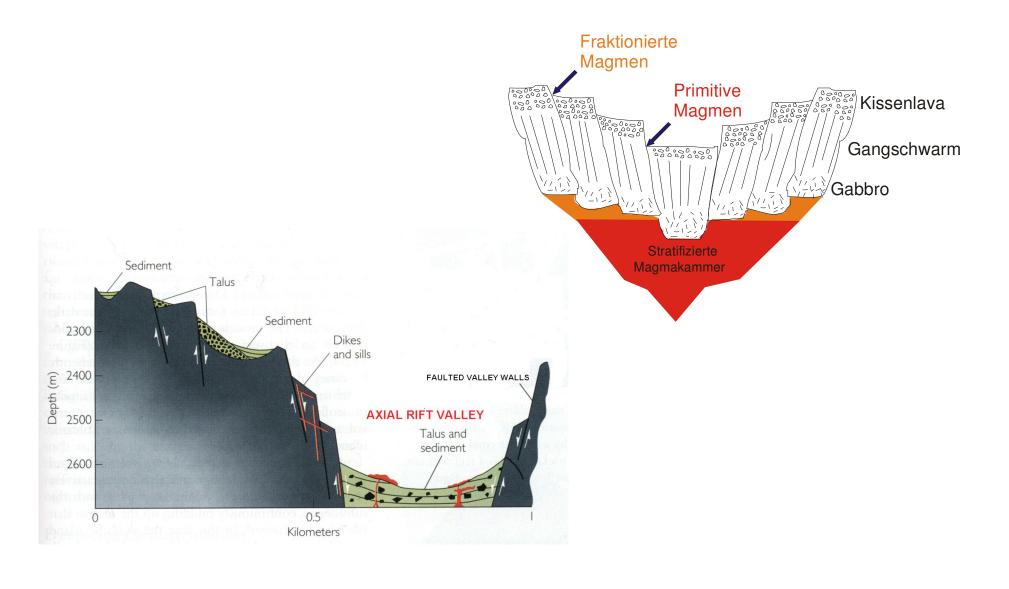






Sinton and Detrick (1992), modified by Perfit and others (1994)

Sections through the Mid-Atlantic Ridge



Transform faults

