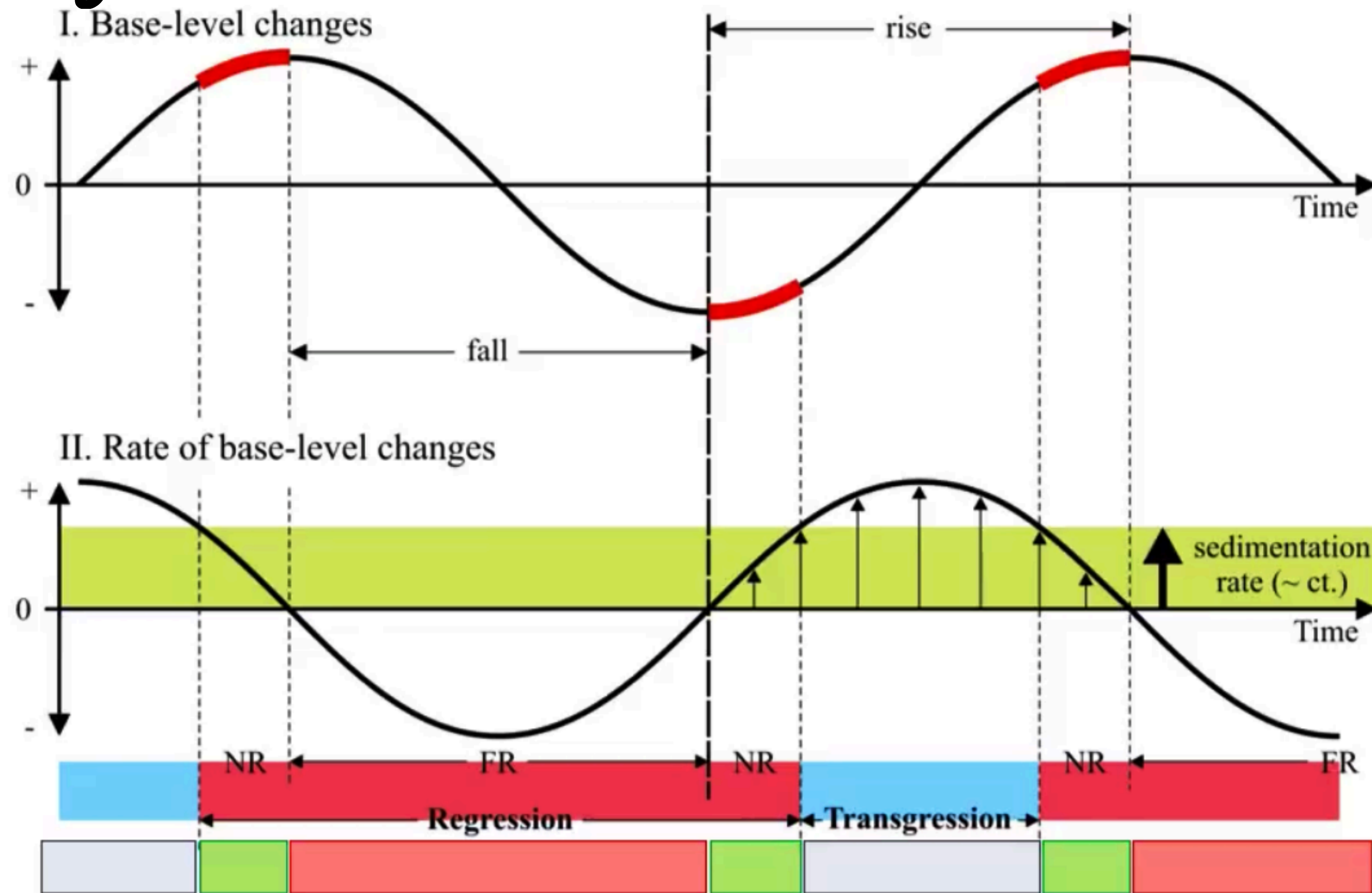


# Systems tracts and shoreline shifts



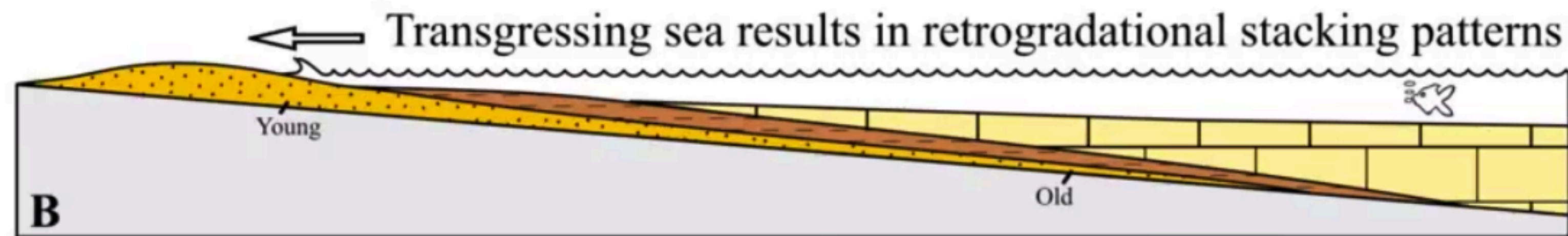
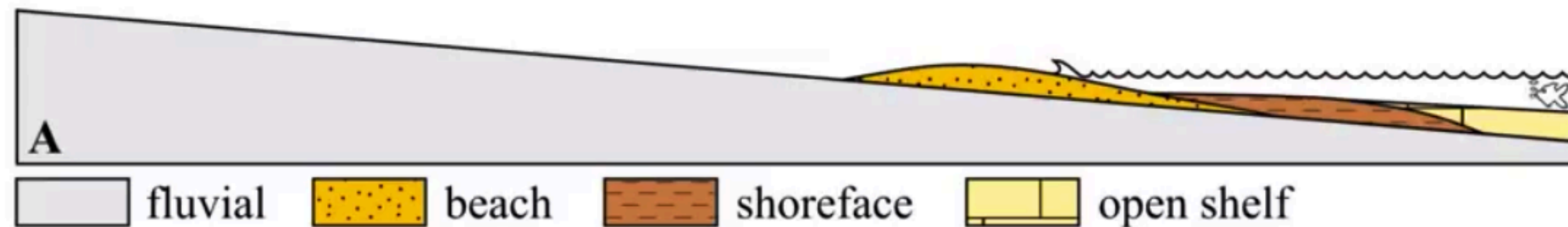
Normal regression occurs during base level rise (rate < sedimentation)

Forced regression occurs during base level fall

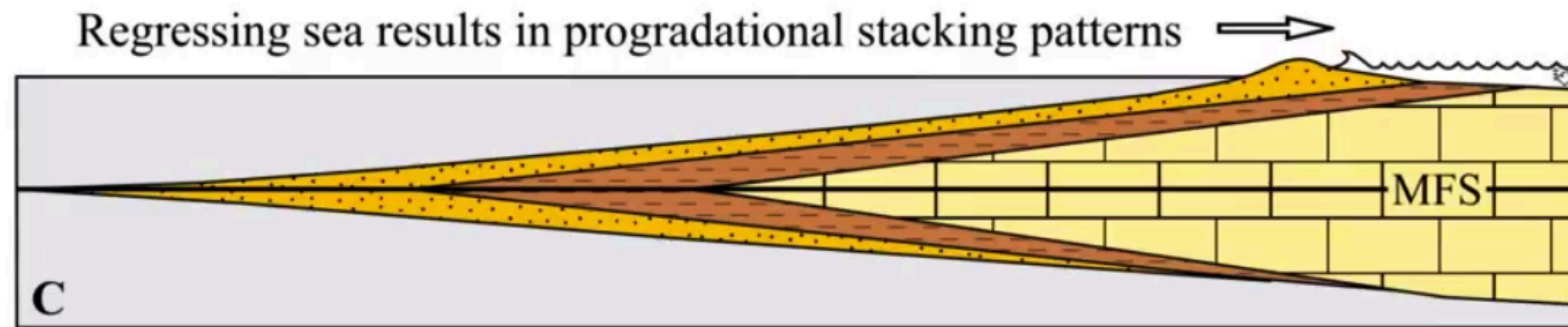


# Systems tracts and shoreline shifts

Shifts in shoreline position create distinct vertical stacking patterns of facies (retrogradation vs. progradation)



*Transgression: landward shoreline & facies shift*



*Regression: seaward shoreline & facies shift*