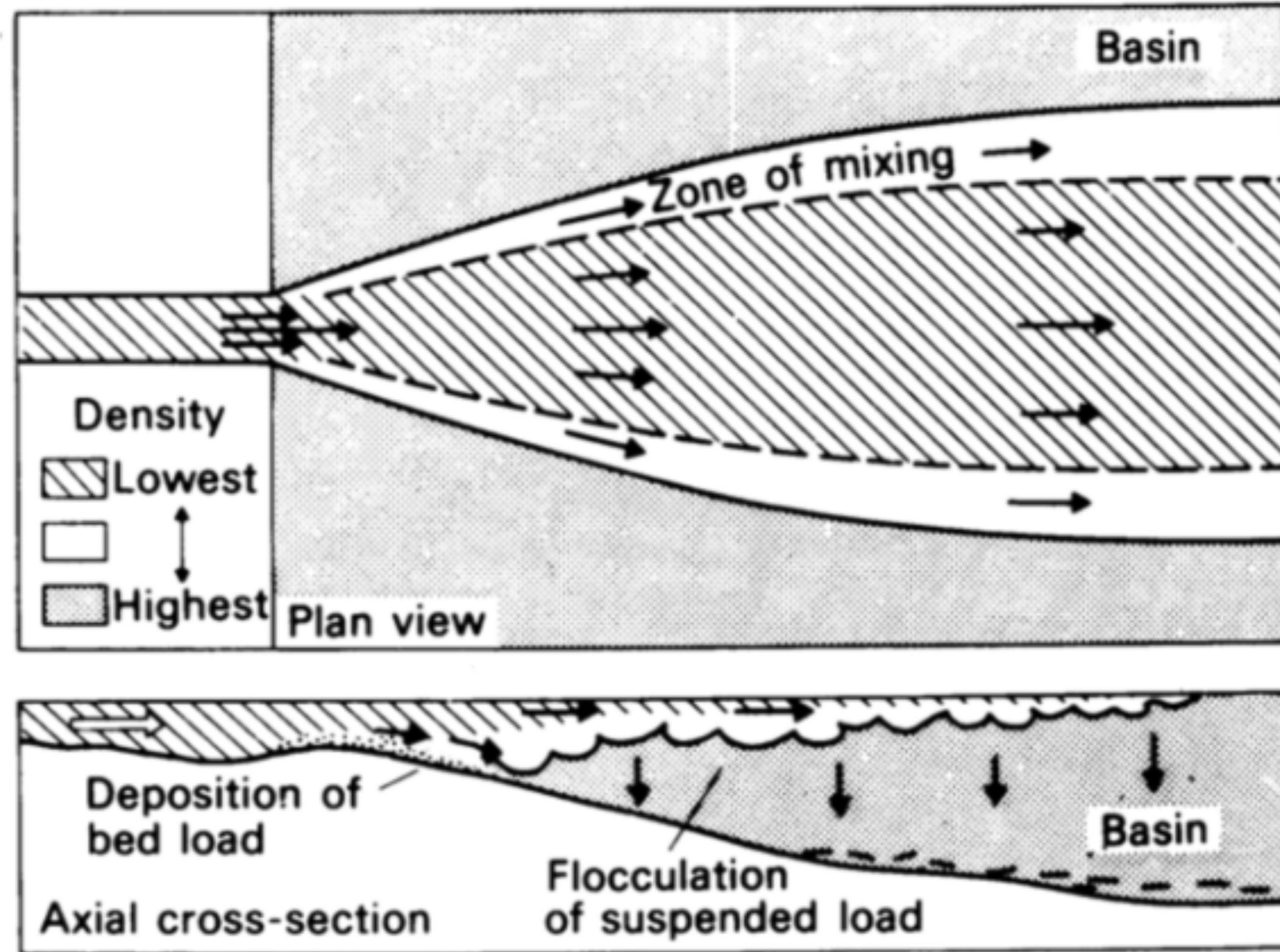
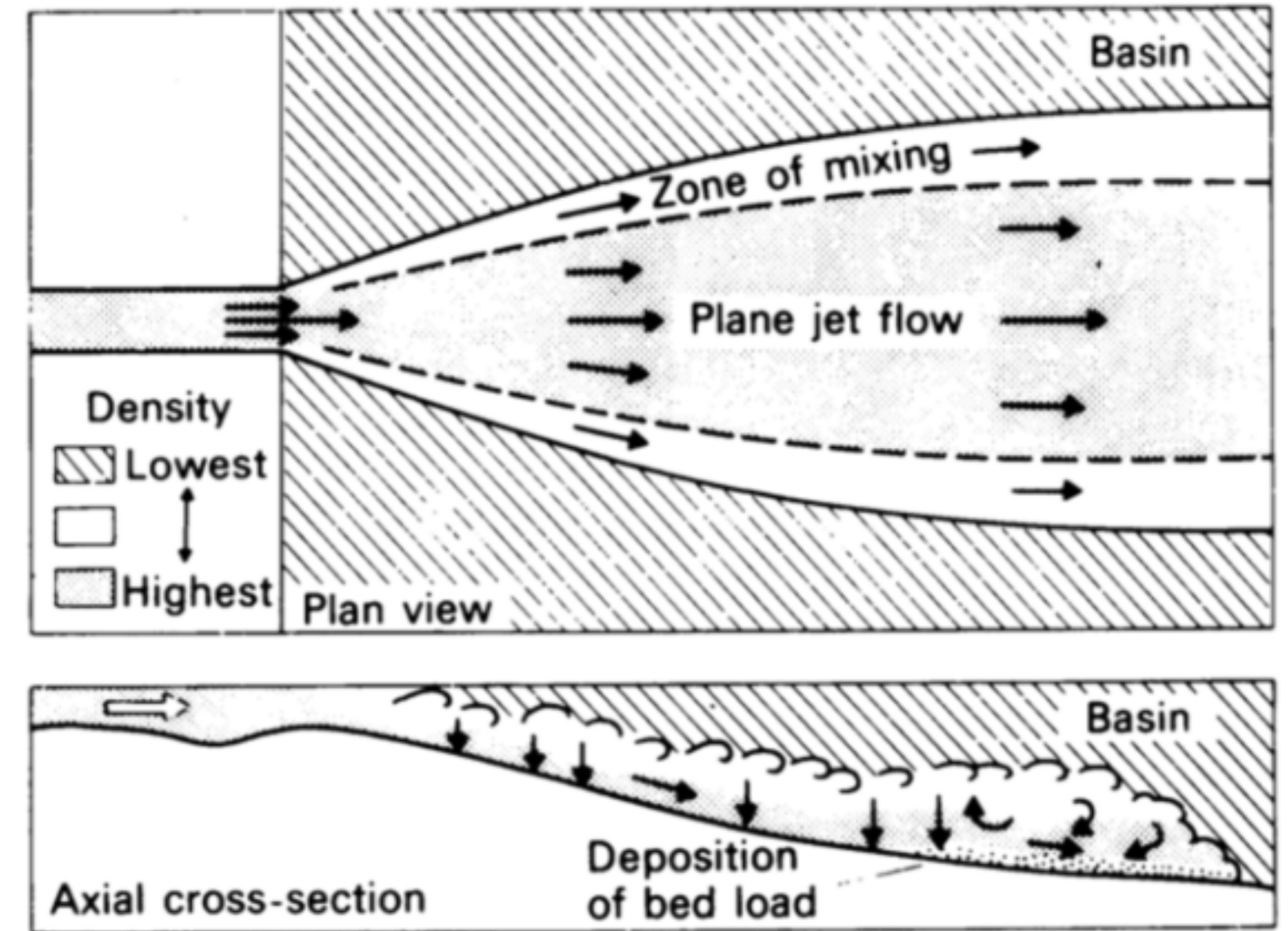


# *Influence of grain size*



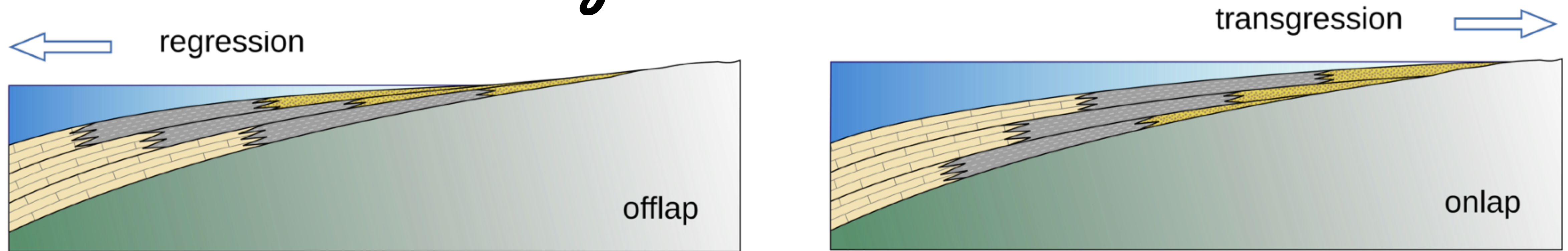
**Hypopycnal** : inflowing water has a lower density than basin water (buoyancy), leading to separation of bed load and suspended load.



**Hyperpycnal** : inflowing water has a higher density than basin water, leading to inertia-dominated density currents.



# Progradation and time



Growth of a Gilbert-type delta subject to short-term base-level changes

