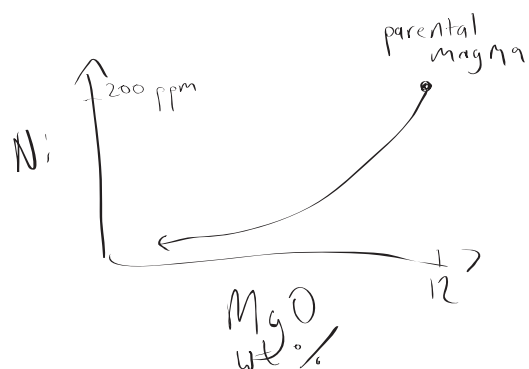
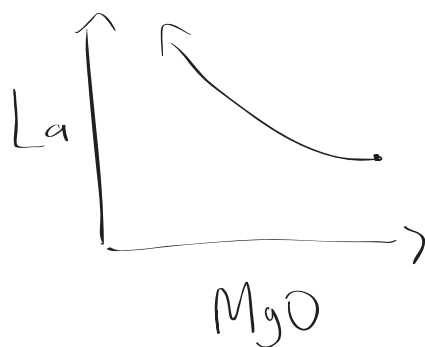


Example: fractional crystallization of basalt
olivine is first to precipitate, then cpx + plagioclase

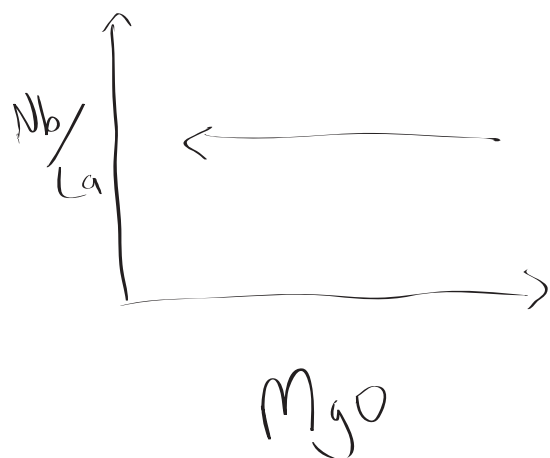


Ni compatible in olivine

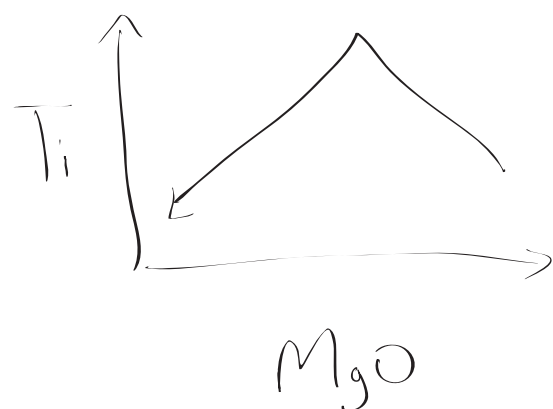
MgO major component of olivine



La is incompatible



What does this trend mean for Nb? - similar D_{bulk} to La



Ti initially incompatible
then $D_{\text{bulk}} \rightarrow > 1$ as new
phase (ie magnetite) starts
precipitating