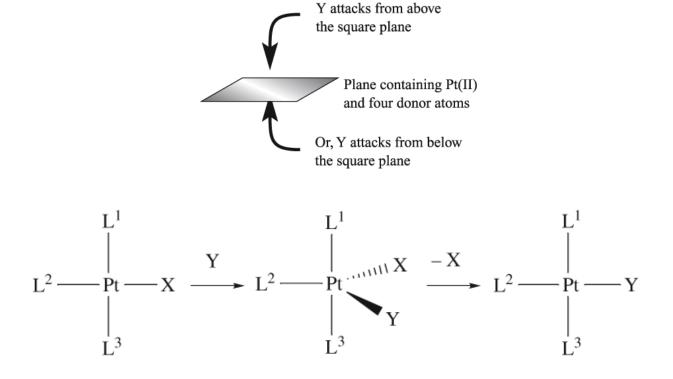


An **Eyring plot** allows the activation parameters ΔS^{\dagger} and ΔH^{\dagger} to be determined from the temperature dependence of the rate constant; the dotted part of the line represents an extrapolation.



Initial attack by the entering group at a **square planar** Pt(II) centre is from above or below the plane. Nucleophile **Y** then coordinates to give a trigonal bipyramidal species which loses **X** with **retention** of stereochemistry.