Figure 9.5 Plots of $k_{obs}$ versus concentration of entering ligand for the anation reactions

$[\text{Co(III)}\text{hematoporphyrin(IX)}(\text{H}_2\text{O})_2] + Y^-$

showing almost linear behavior for $Y^- = \text{CN}^-$ and transition from second- to first-order behavior for $Y^- = \text{NCS}^-$. (Reprinted with permission from E. B. Fleischer, S. Jacobs, and L. Mesticelli. J. Am. Chem. Soc. 1968, 90, 2527. Copyright 1968, American Chemical Society.)


12A metal ion with its normal complement of water ligands is sometimes written as $\text{M}^{n+}$.