

Loppnow and Mathies, Vol. 54, No. 1, July 1988

Page 36

An error was made in the presentation of the Raman scattering cross-sections for the nitrate standard. Fig. 1 was mislabeled and the A-term fitting parameters were reported incorrectly. The corrected figure and legend are given below. The nitrate cross-sections used in the intensity analysis were correct so these changes have no effect on the rhodopsin absolute cross-sections, the intensity analysis, or the conclusions in the original paper. Also, a typographical error was made in Eq. 2.

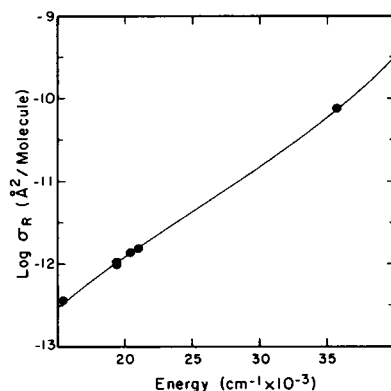


FIGURE 1 A-term fit to the nitrate cross-sections. The solid line was calculated with Eq. 2 using  $K = 9.647 \times 10^{-13} \text{ Å}^2/\text{molecule-sr}$ ,  $\nu_e = 51,940 \text{ cm}^{-1}$ , and  $C = 4.504 \times 10^{-10} \text{ cm}^2$ . The estimated errors are on the order of the point size.

$$\sigma_R = \frac{8\pi}{3} \left( \frac{1 + 2\rho}{1 + \rho} \right) K \nu_0 \nu^3 \left[ \frac{\nu_e^2 + \nu_0^2}{(\nu_e^2 - \nu_0^2)^2} + C \right]^2. \quad (2)$$