

Fig. M26-ii-001. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. Stereoscopic view of the unit cell contents [80Tic].

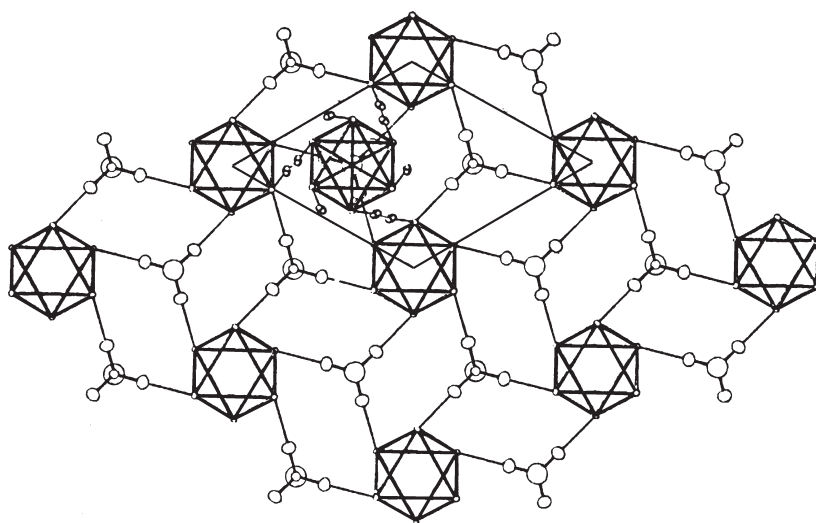


Fig. M26-ii-002. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. Hydrogen bonds network viewed along c [80Tic]. Hydrogen bonds between NH_4 tetrahedron and IO_6 octahedron are intralayer bonding, those between two IO_6 octahedra are interlayer bonding.

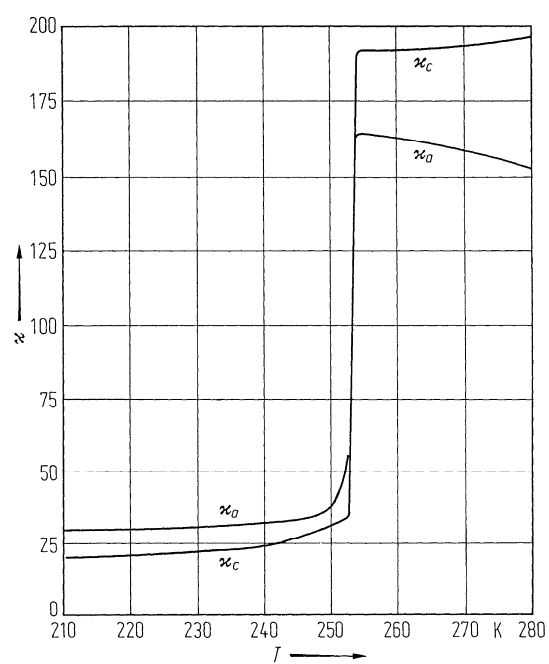


Fig. M26-ii-003. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. κ_a , κ_c vs. T [76Roo]. κ_a , κ_c : static dielectric constants.

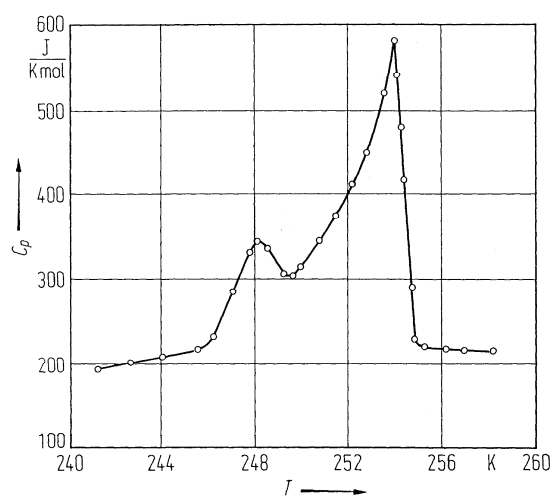


Fig. M26-ii-004. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. C_p vs. T [45Bae].

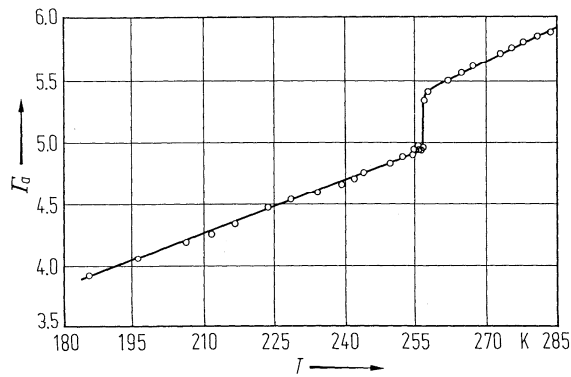


Fig. M26-ii-005. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. Γ_a vs. T [76Roo]. Γ_a : birefringence with polarization $E \parallel c$ which is expressed as path difference in units of wavelength used ($\lambda = 588 \text{ nm}$).

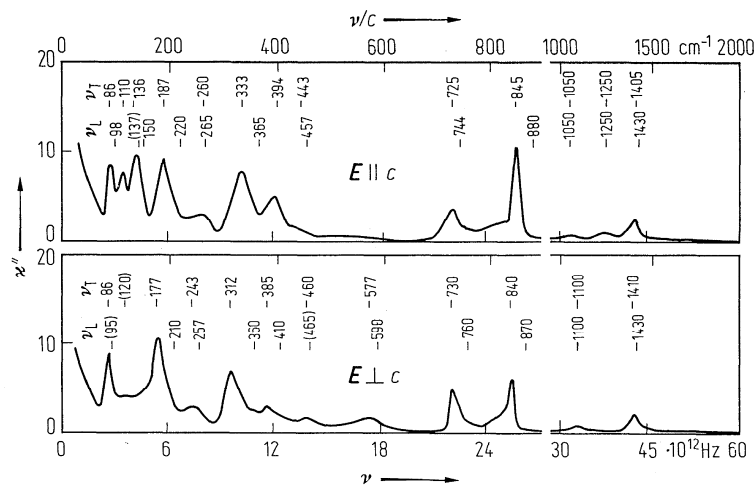


Fig. M26-ii-006. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. κ'' vs. ν [76Roo]. $T = \text{RT}$. κ'' was obtained from infrared reflectivity data by using Kramers-Kronig analysis. Frequencies of transverse (ν_T) and longitudinal (ν_L) modes are indicated in units of cm^{-1} .

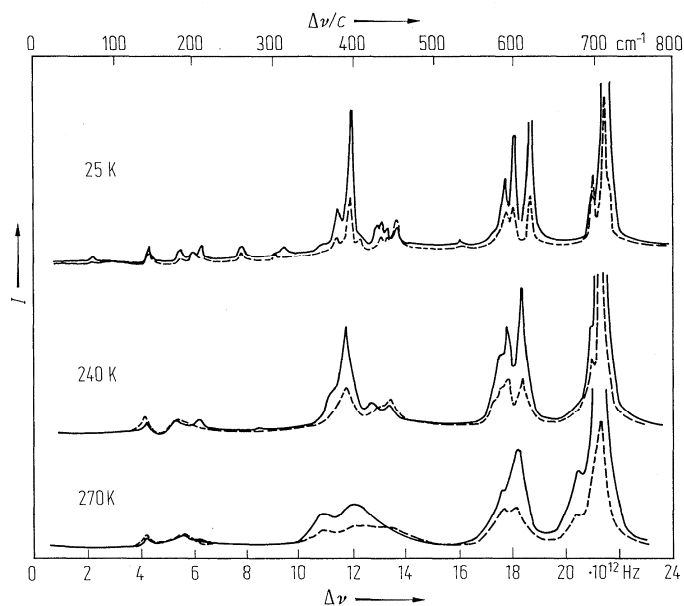


Fig. M26-ii-007. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. I vs. $\Delta\nu$ [76Pou]. I : Raman scattering intensity. Solid lines: A-modes observed in the scattering geometry $X(\text{ZZ})Y$. Dotted lines: E-modes observed in the scattering geometry $X(\text{YX})Y$ or $X(\text{YZ})Y$. Parameter: T .

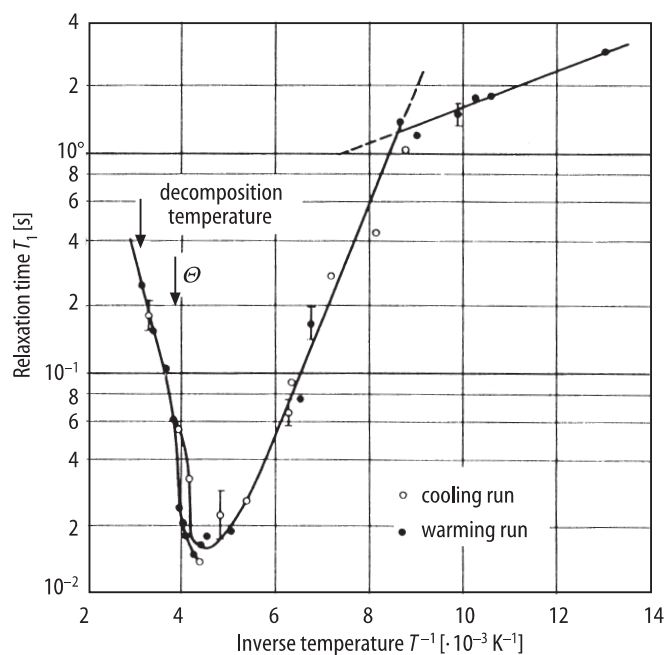


Fig. M26-ii-008. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. T_1 vs. $1/T$ [62Mil]. T_1 : spin-lattice relaxation time for proton. $f = 30 \text{ MHz}$.

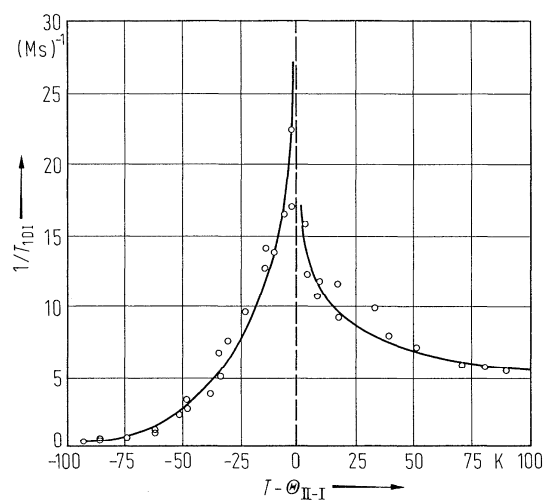


Fig. M26-ii-009. $(\text{NH}_4)_2\text{H}_3\text{IO}_6$. $1/T_{1\text{DI}}$ vs. $T - \Theta_{\text{II-I}}$ [73Bli]. $T_{1\text{DI}}$: dipolar-frame spin-lattice relaxation time for iodine.