

Fig. 32A-2-001. NH₄IO₃. $\Theta_{\text{III-II}}$ vs. p [75Vis, 79Shi, 84Yao].

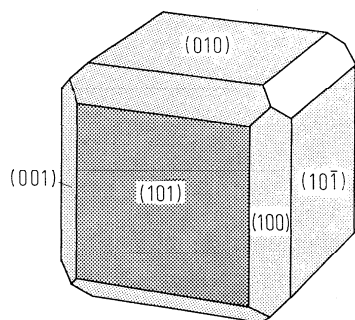


Fig. 32A-2-002. NH₄IO₃. Crystal form [69Cra].

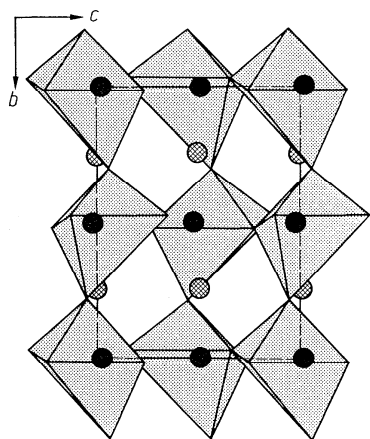


Fig. 32A-2-003. NH₄IO₃. Crystal structure of phase III [71Kev]. Projection along the a axis. Full and hatched circles represent iodine and NH₄, respectively. Distorted octahedra show the oxygen-octahedra surrounding iodine atoms.

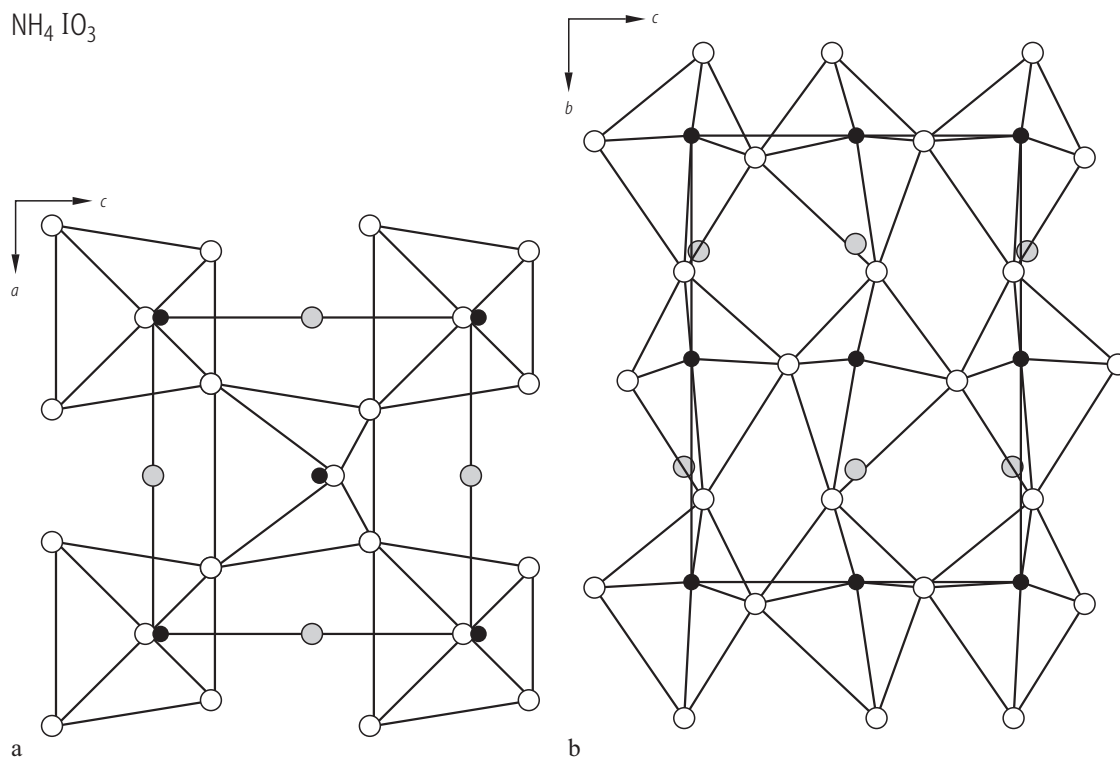
NH₄IO₃

Fig. 32A-2-004. NH₄IO₃. Crystal structure of phase II [79Bis]. Projection along the *b* axis (a) and the *a* axis (b). Open, small full and hatched circles represent oxygen, iodine and NH₄, respectively.

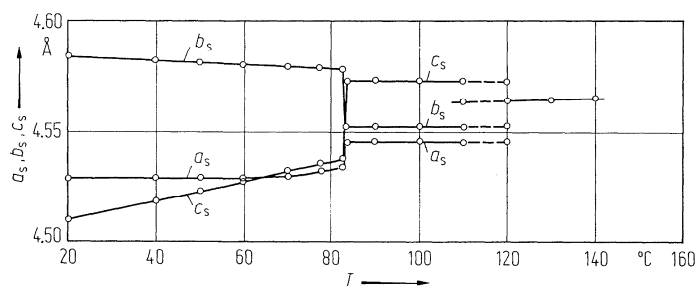


Fig. 32A-2-005. NH₄IO₃. *a_s*, *b_s*, *c_s* vs. *T* [75Vis]. *a_s*, *b_s*, *c_s*: unit cell parameters for hypothetical pseudocubic subcell. In phase III and II the relation to the orthorhombic unit cell parameters *a*, *b*, *c* are: $a_s = a/\sqrt{2}$, $b_s = b/2$, $c_s = c/\sqrt{2}$.

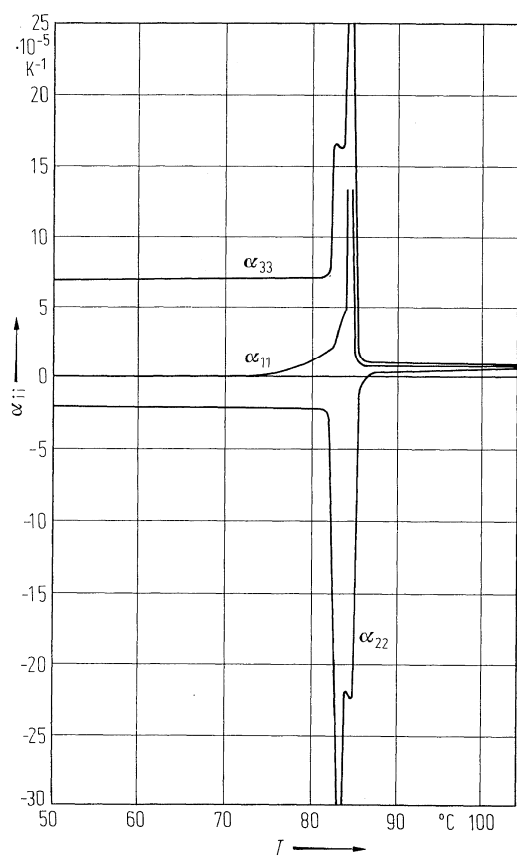


Fig. 32A-2-006. NH_4IO_3 . α_{ii} vs. T [75Vis]. α_{ii} : linear thermal expansion coefficient.

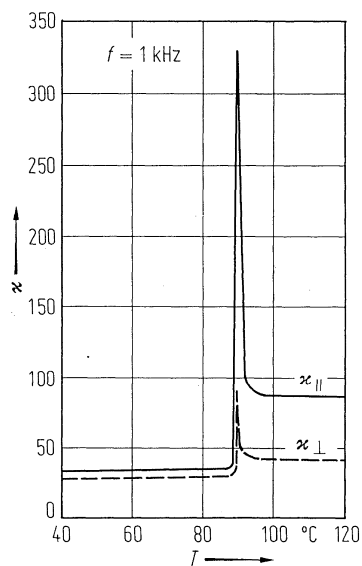


Fig. 32A-2-007. NH_4IO_3 . $\kappa_{||}$, κ_{\perp} vs. T [69Cra]. $\kappa_{||}$, κ_{\perp} : dielectric constants along and perpendicular to the b axis, respectively. $f = 1 \text{ kHz}$.

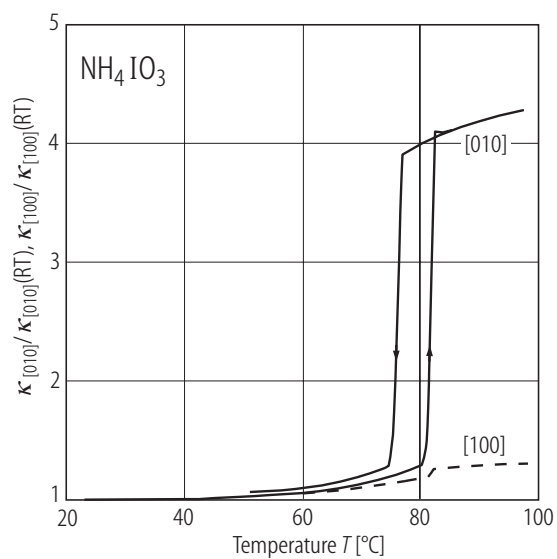


Fig. 32A-2-008. NH_4IO_3 . $\kappa_{[010]}/\kappa_{[010]}(\text{RT})$, $\kappa_{[100]}/\kappa_{[100]}(\text{RT})$ vs. T [79Bis]. $\kappa(\text{RT})$: κ at RT.

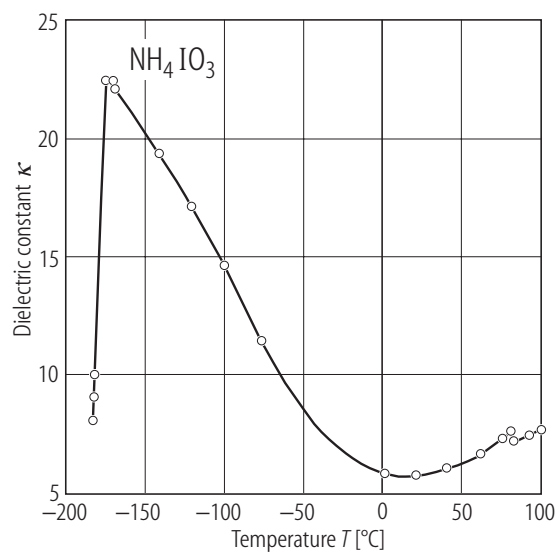


Fig. 32A-2-009. NH_4IO_3 . κ vs. T [74Sal].

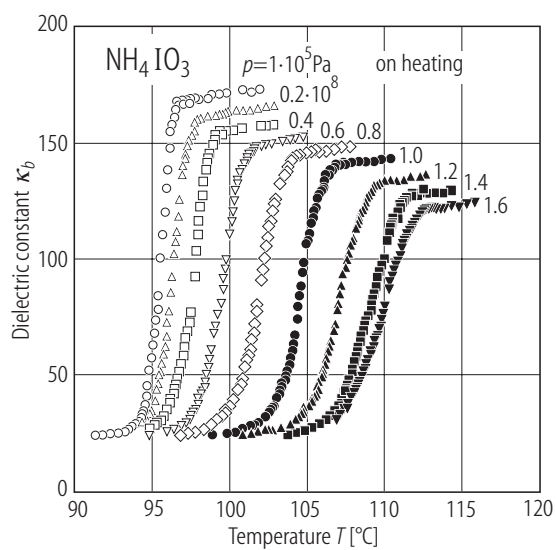


Fig. 32A-2-010. NH₄IO₃. κ_b vs. T [79Shi]. Parameter: $p, f = 1$ kHz.

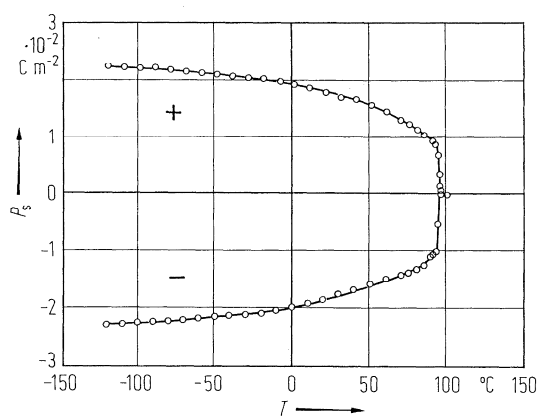


Fig. 32A-2-011. NH₄IO₃. P_s vs. T [76Oka]. P_s with + sign was measured for an as-grown single domain crystal, and that with – sign was measured after the polarity had been reversed by a dc field of $25 \cdot 10^5$ V m⁻¹ for 10 min at 75 °C.

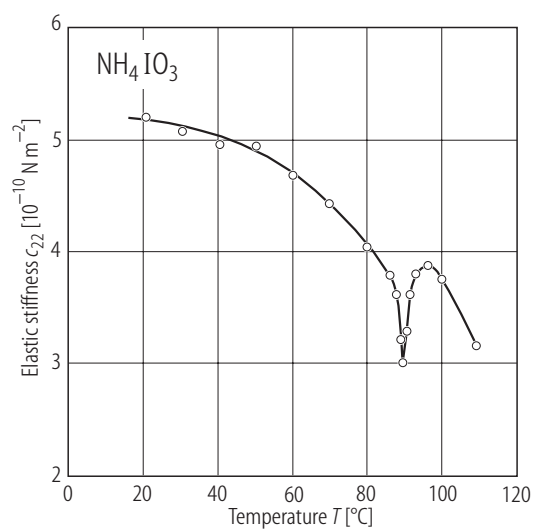


Fig. 32A-2-012. NH_4IO_3 . c_{22} vs. T [79Bis].

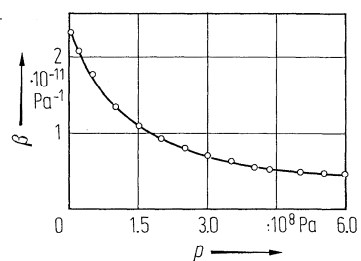


Fig. 32A-2-013. NH_4IO_3 . β vs. p [75Vis]. $T = \text{RT}$. β : volume compressibility.

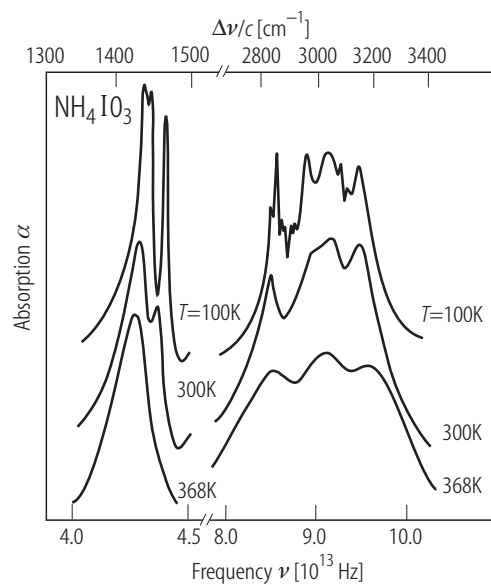


Fig. 32A-2-014. NH_4IO_3 . Infrared absorption spectra [89Bar]. Parameter: T .

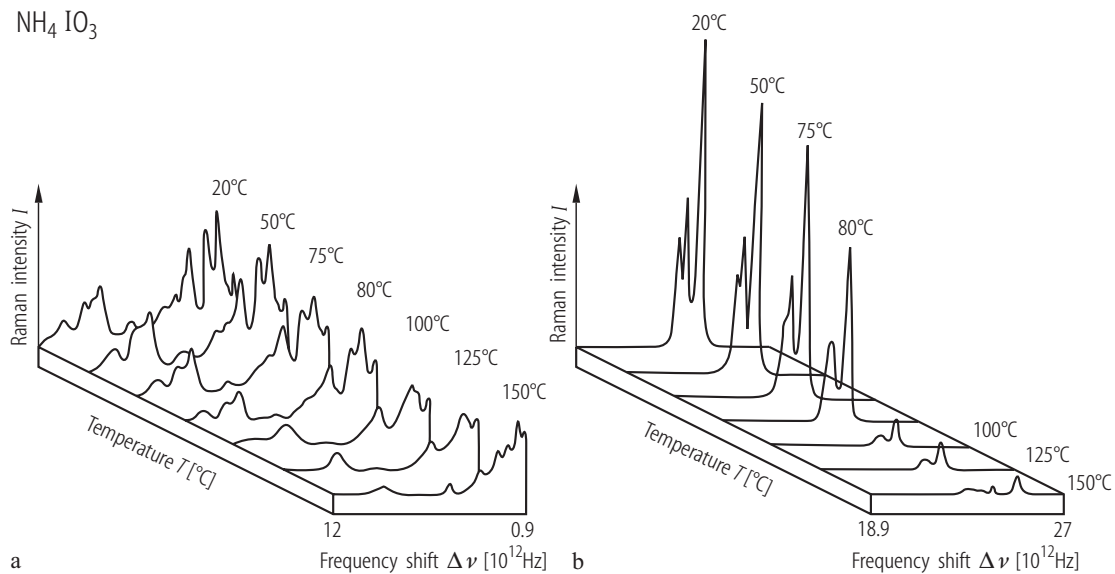
NH₄IO₃

Fig. 32A-2-015. NH₄IO₃. I vs. $\Delta\nu$ [89Bar]. Parameter: T . I : Raman scattering intensity. $\Delta\nu$: Raman shift.

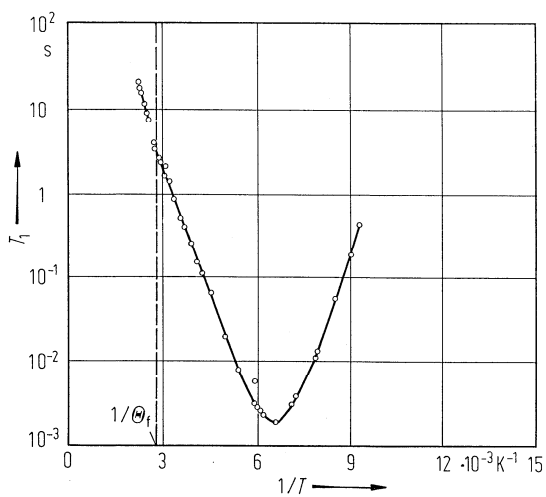


Fig. 32A-2-016. NH₄IO₃. T_1 vs. $1/T$ [83She]. T_1 : proton spin-lattice relaxation time. $\nu_L = 10$ MHz.

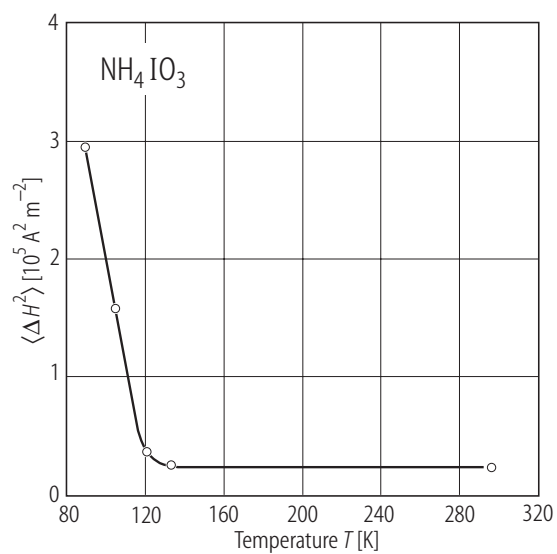


Fig. 32A-2-017. NH_4IO_3 . $\langle \Delta H^2 \rangle$ vs. T [61Ric]. $\langle \Delta H^2 \rangle$: second moment of magnetic resonance curve of proton.

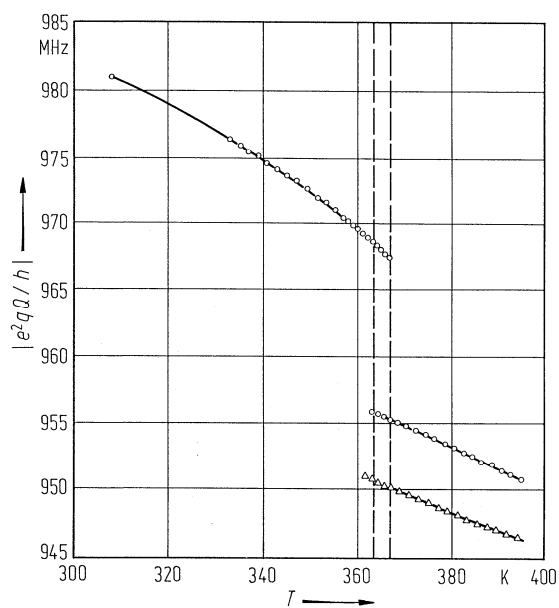


Fig. 32A-2-018. NH_4IO_3 . $|e^2qQ/h|$ vs. T [82Bai]. e^2qQ/h : ^{127}I quadrupole coupling constant.

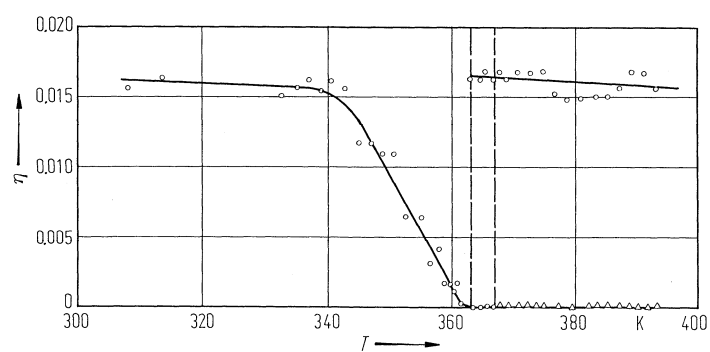


Fig. 32A-2-019. NH_4IO_3 . η vs. T [82Bai]. η : asymmetry parameter of ^{127}I quadrupole coupling.