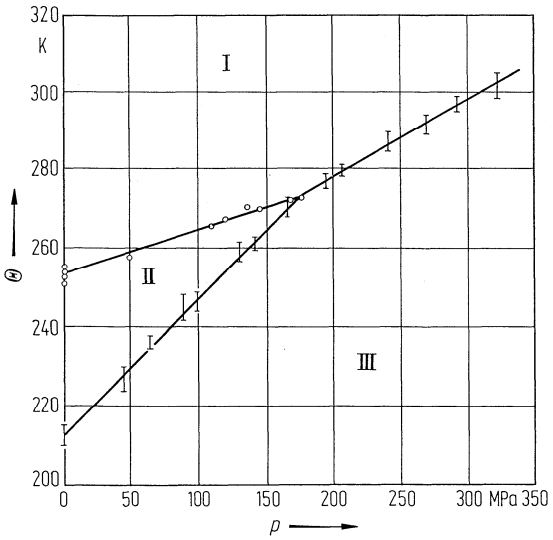


Fig. 39A-22-001. $[N(CH_3)_4]_2ZnI_4$. Θ vs. p [89Ges]. Vertical bars show thermal hysteresis of the transition.

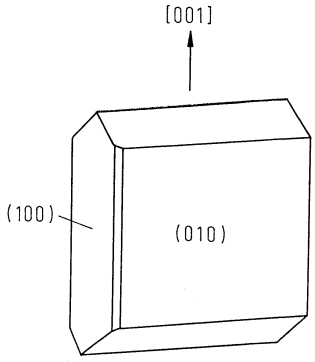
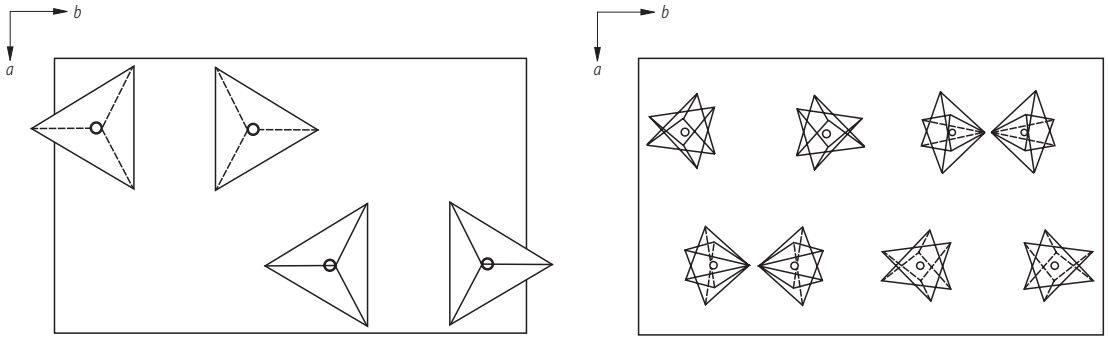


Fig. 39A-22-002. $[N(CH_3)_4]_2ZnI_4$. Crystal form [87Wer].



a b

Fig. 39A-22-003. $[N(CH_3)_4]_2ZnI_4$. Crystal structure of phase I at 293 K [90Wer]. (**a**) ZnI_4 and (**b**) NC_4 tetrahedra with orientational disorder.

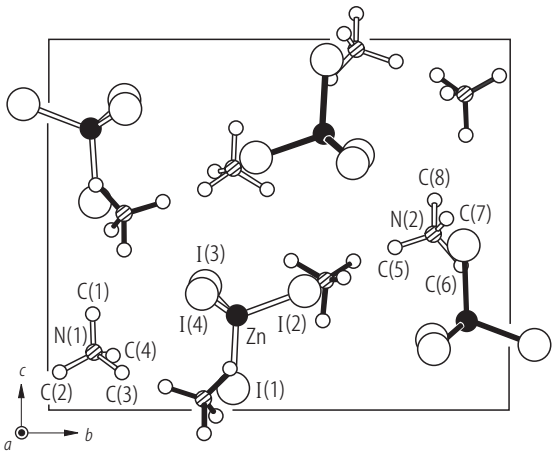


Fig. 39A-22-004. $[N(CH_3)_4]_2ZnI_4$. Crystal structure of phase II at 250 K [90Has].

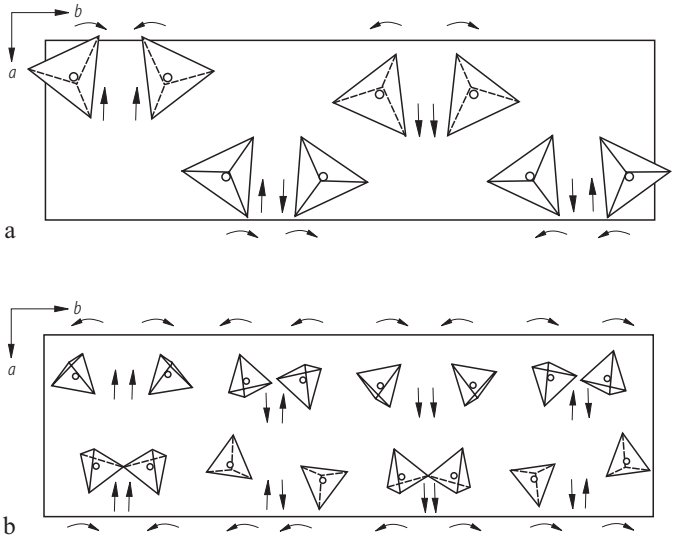


Fig. 39A-22-005. $[N(CH_3)_4]_2ZnI_4$. Crystal structure of phase III at 150 K [90Wer]. (**a**) ZnI_4 and (**b**) NC_4 tetrahedra. Rotations and translations of tetrahedra are indicated by arrows.

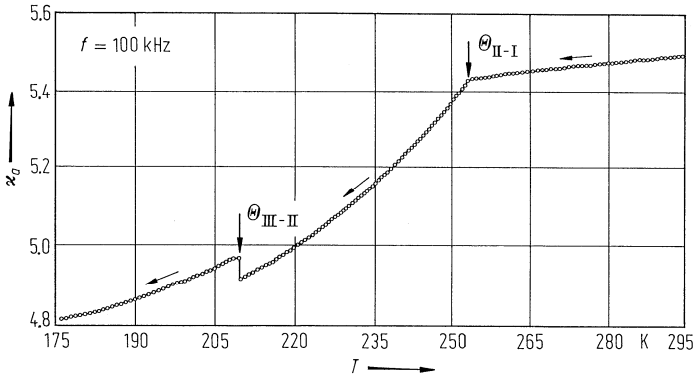


Fig. 39A-22-006. $[N(CH_3)_4]_2ZnI_4$. κ_a vs. T [88Ges].

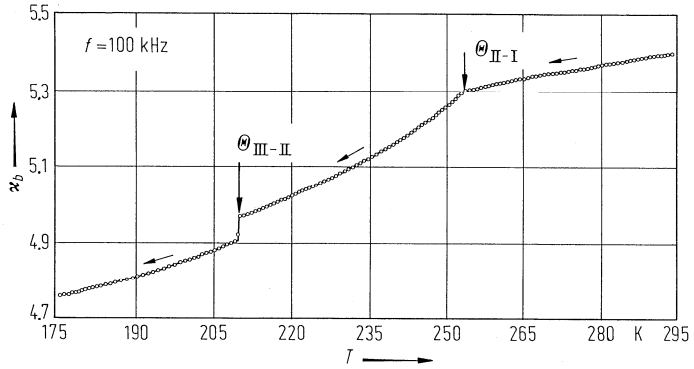


Fig. 39A-22-007. $[N(CH_3)_4]_2ZnI_4$. ε_b vs. T [88Ges].

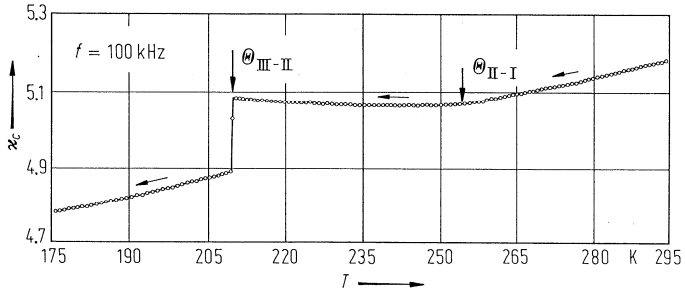


Fig. 39A-22-008. $[N(CH_3)_4]_2ZnI_4$. ε_c vs. T [88Ges].

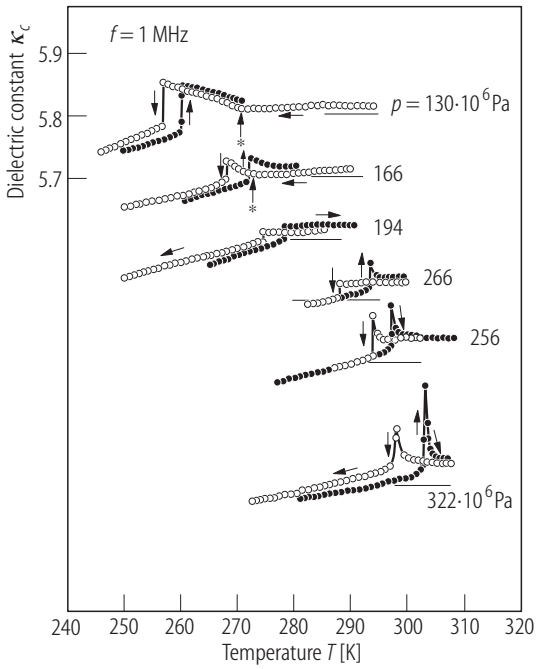


Fig. 39A-22-009. $[N(CH_3)_4]_2ZnI_4$. ε_c vs. T [88Ges]. Parameter: p. Horizontal line attaching each curve shows the level of $\varepsilon_c = 5.8$. $f = 1$ MHz. Upward-pointing arrow with an asterisk indicates II–I transition.

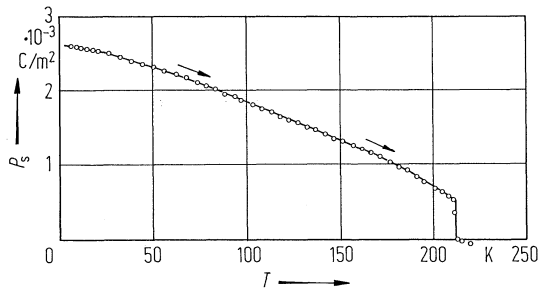


Fig. 39A-22-010. $[N(CH_3)_4]_2ZnI_4$. P_s vs. T obtained from pyroelectric charge measurements [88Ges]. Poling field $E_{pol} = 1.1 \cdot 10^6$ V m^{-1}.

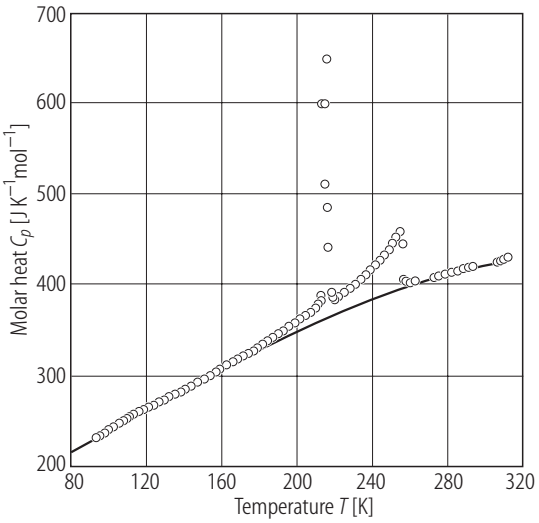


Fig. 39A-22-011. $[N(CH_3)_4]_2ZnI_4$. C_p vs. T [94Iga]. C_p: molar heat capacity at constant pressure.

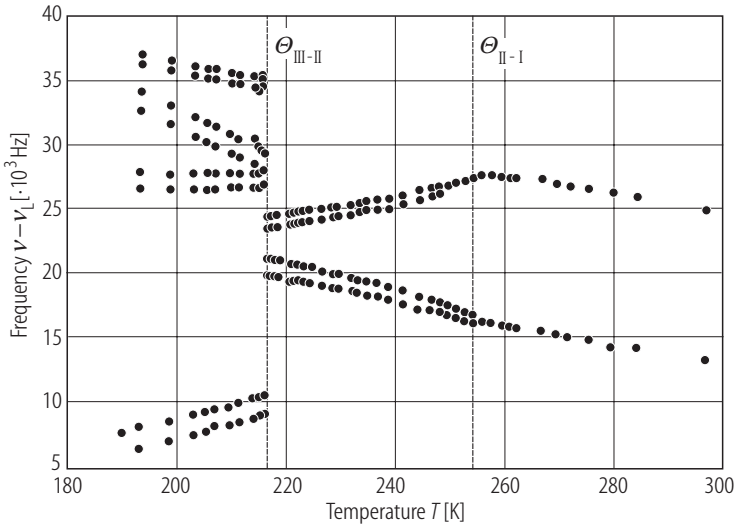


Fig. 39A-22-012. $[N(CH_3)_4]_2ZnI_4$. $\nu - \nu_L$ vs. T [89Faj]. ν: NMR resonance frequency of ^{14}N. ν_L = 19.52 MHz. $\boldsymbol{H} \parallel \boldsymbol{b}$, $\boldsymbol{H} \perp \boldsymbol{c}$.

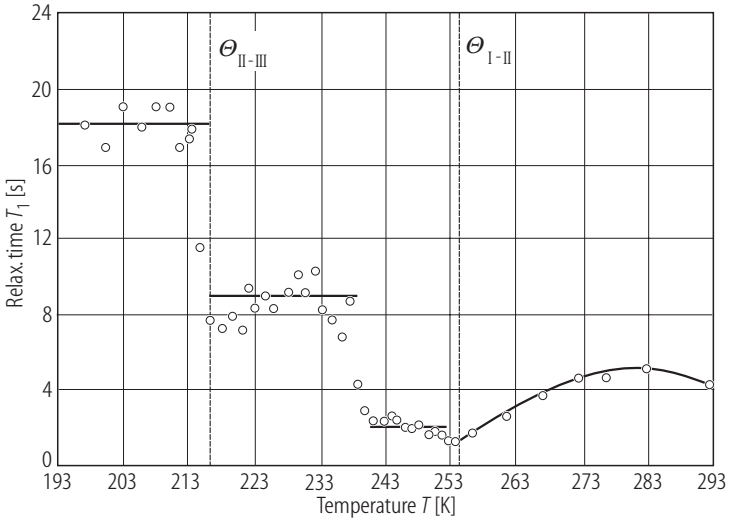


Fig. 39A-22-013. $[N(CH_3)_4]_2ZnI_4$. T_1 vs. T [89Faj]. T_1: spin-lattice relaxation time of ^{14}N. ν_L = 19.52 MHz. $\boldsymbol{H} \parallel \boldsymbol{b}$, $\boldsymbol{H} \perp \boldsymbol{c}$.

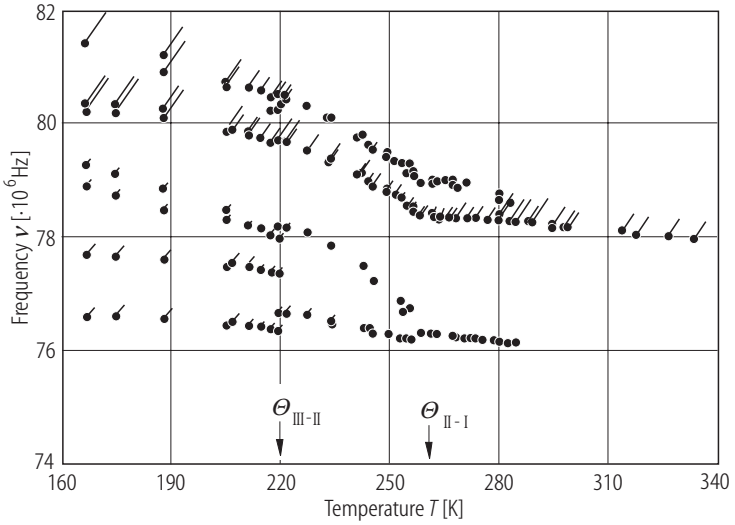


Fig. 39A-22-014. $[N(CH_3)_4]_2ZnI_4$. ν vs. T [90Pir]. ν: NQR frequency of ^{127}I. The length of line segment attached to each symbol is proportional to the spectral intensity. The coil axis was parallel to [100] and the Zeeman modulation coil axis was approximately parallel to [010].