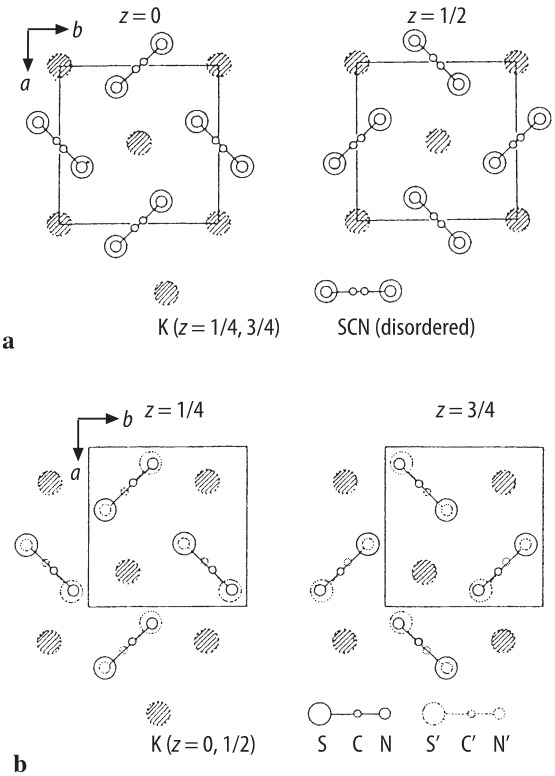

Fig. M21-001. KSCN. Crystal structure shown along the *c* direction [87Yam2]. (**a**) Tetragonal structure (phase I). SCN ions with half occupancy are superposed. (**b**) Orthorhombic structure (phase II). SCN ions with occupancy p_{SCN} and S′C′N′ with $1-p_{SCN}$ are drawn.

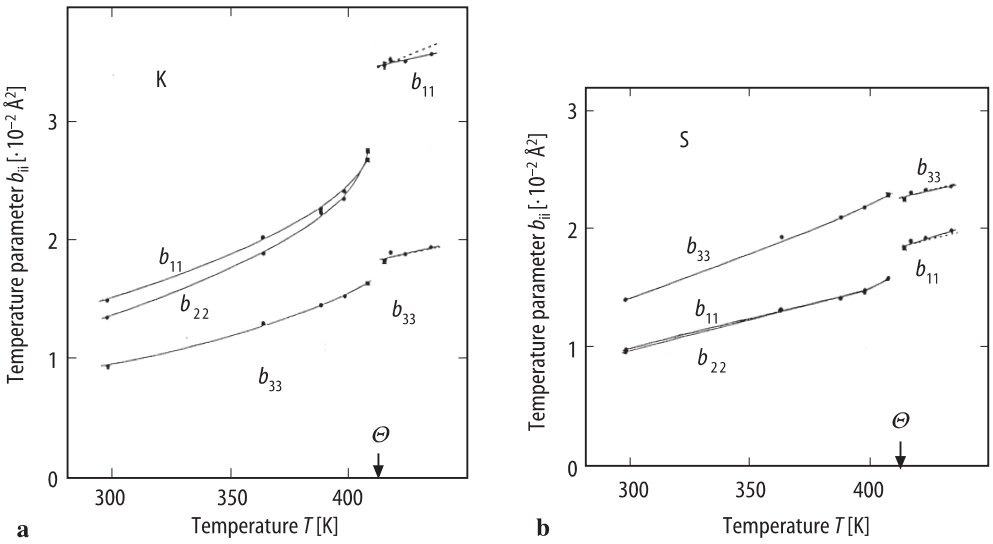

Fig. M21-002. KSCN. Temperature parameters b_{ii} vs. T [87Yam2]. (**a**) K atom. (**b**) S atom. b_{ii} is defined by Eq. (b) in Introduction.

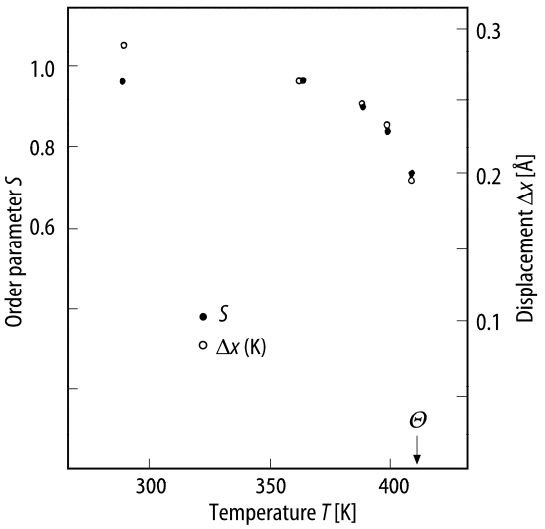

Fig. M21-003. KSCN. S, Δx vs. T [87Yam2]. S: order parameter of SCN^-. Δx: spontaneous displacement of K. S and Δx are scaled at 363 K.

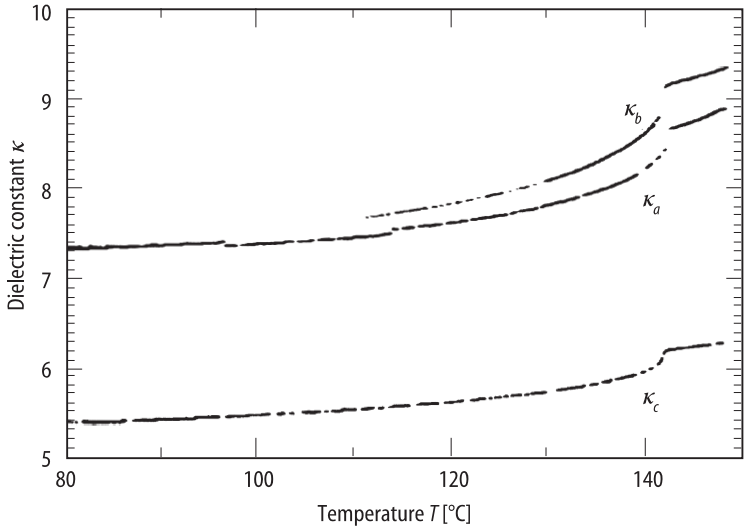

Fig. M21-004. KSCN. κ_a, κ_b, κ_c vs. T [90Fui].

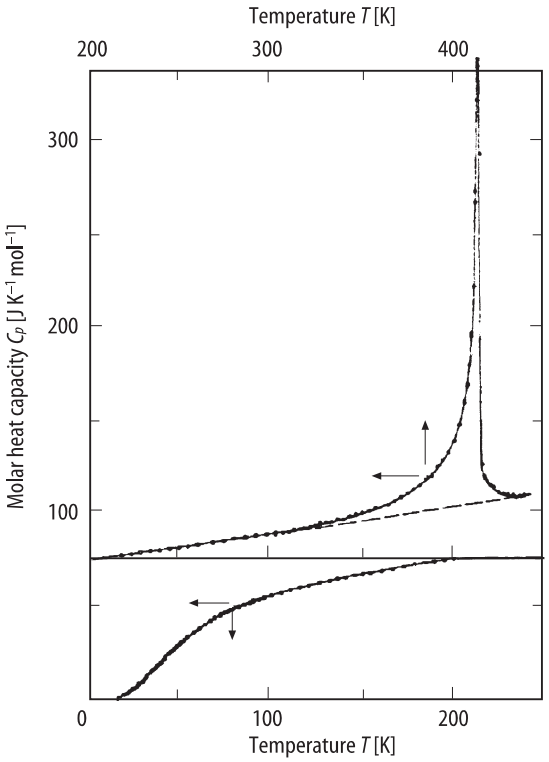

Fig. M21-005. KSCN. C_p vs. T [79Kin]. C_p: molar heat capacity at constant pressure.

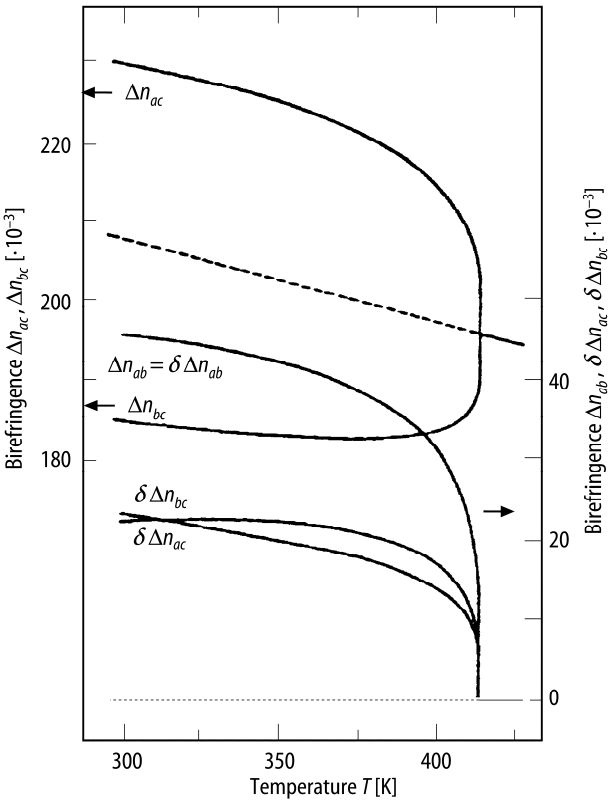

Fig. M21-006. KSCN. Δn, $\delta\Delta n$ vs. T [90Fui]. $\Delta n_{ij} = |n_i - n_j|$ (i, j = *a, b, c*). $\delta\Delta n$: spontaneous part of birefringence.

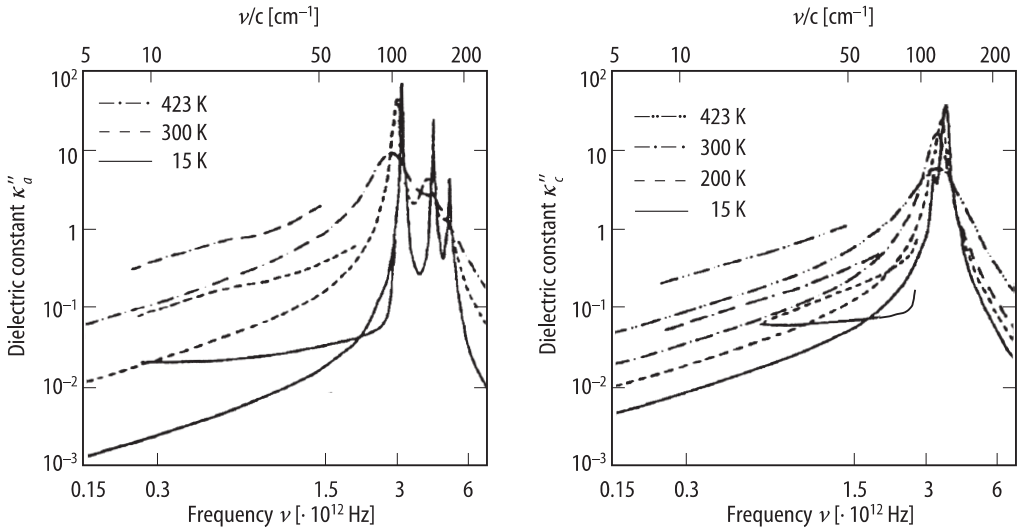

Fig. M21-007. KSCN. κ'' vs. ν in far-infrared region [90Kam]. Parameter: T. κ''_a, κ''_c are obtained from reflectivity data.

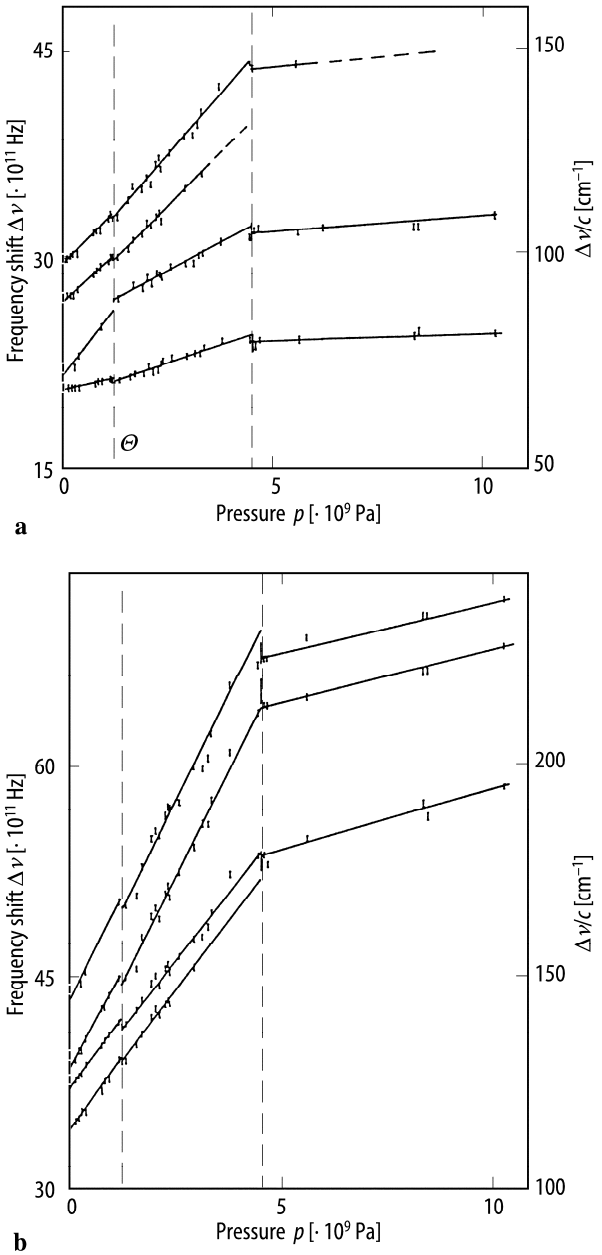

Fig. M21-008. KSCN. $\Delta\nu$ vs. p [88Ada]. $\Delta\nu$: Raman scattering frequency shift of the lattice mode.

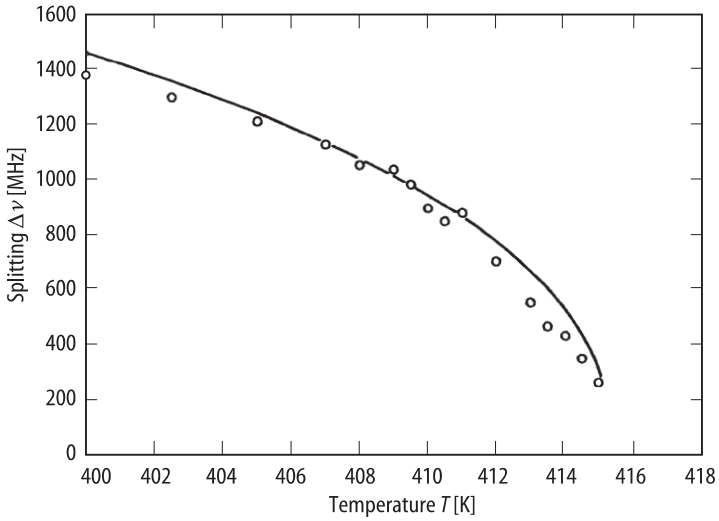

Fig. M21-009. KSCN. $\Delta\nu$ vs. T [88Ada]. $\Delta\nu$: splitting of ^{39}K $1/2 \rightarrow -1/2$ NMR line. Full line: calculated values of the splitting due to 90° twin. $\boldsymbol{B} \perp \boldsymbol{c}$, $\boldsymbol{B} \parallel \boldsymbol{b}$.

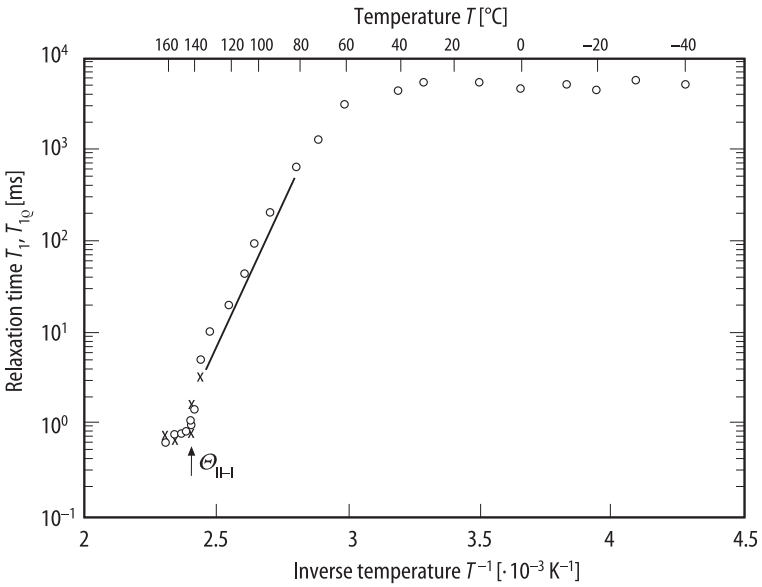

Fig. M21-010. KSCN. T_1, $T_{1\rho}$ vs. T^{-1} [90Fui]. T_1, $T_{1\rho}$: ^{39}K spin-lattice relaxation times in the laboratory (T_1) and rotating ($T_{1\rho}$) frame. ν_L = 16.628 MHz. Open circle: T_1; cross: $T_{1\rho}$.

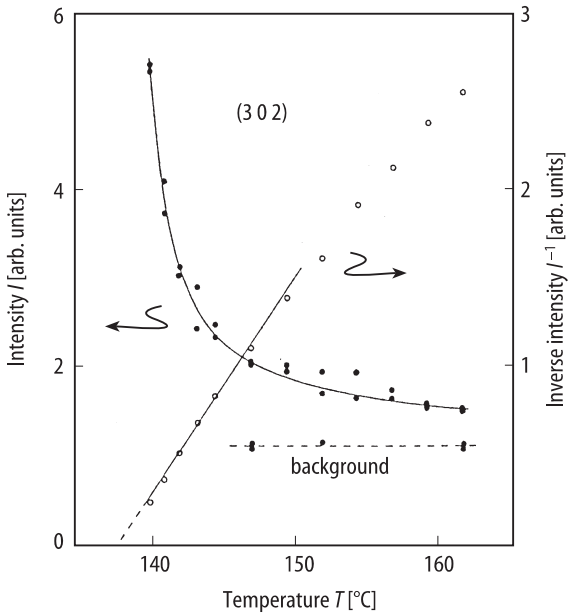

Fig. M21-011. KSCN. I, I^{-1} vs. T [87Yam1]. I: X-ray diffuse scattering intensity at (3 0 2).