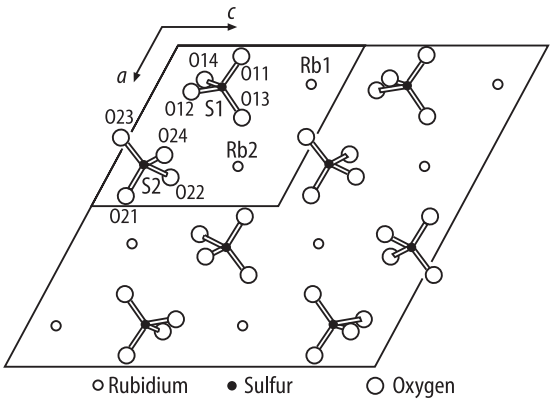

Fig. 40A-2-001. $RbHSO_4$. Structure of phase I [75Ash]. Projection on (010). See also Table 40A-2-001 and Table 40A-2-003.

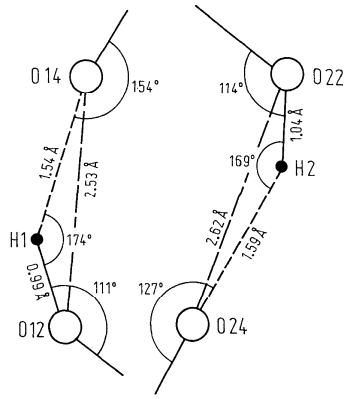

Fig. 40A-2-002. $RbHSO_4$. Structure of phase I [75Ash]. Geometries of the two hydrogen bonds obtained by neutron diffraction at 23 °C. See also Table 40A-2-003.

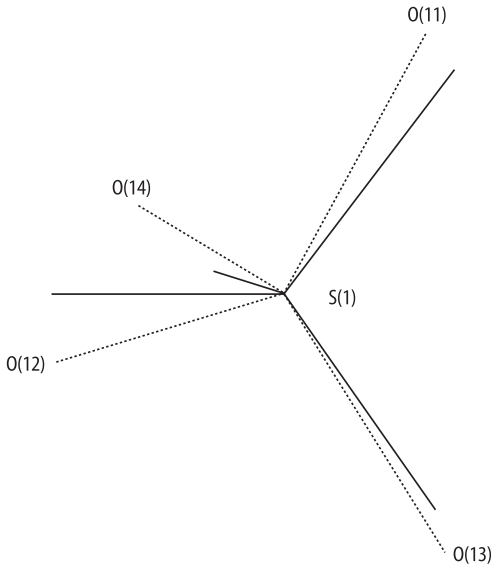

Fig. 40A-2-003. $RbHSO_4$. Structure of phase I [95Ito]. Two orientational arrangements of disordered $SO_4(1)$ ion.

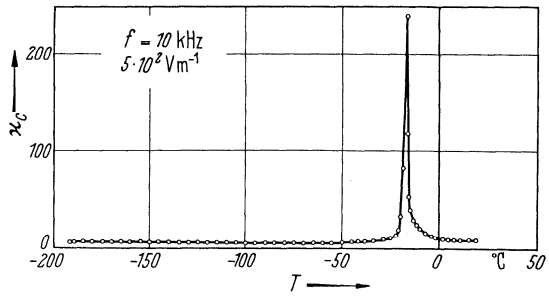

Fig. 40A-2-004. $RbHSO_4$. κ_c vs. T [60Pep].

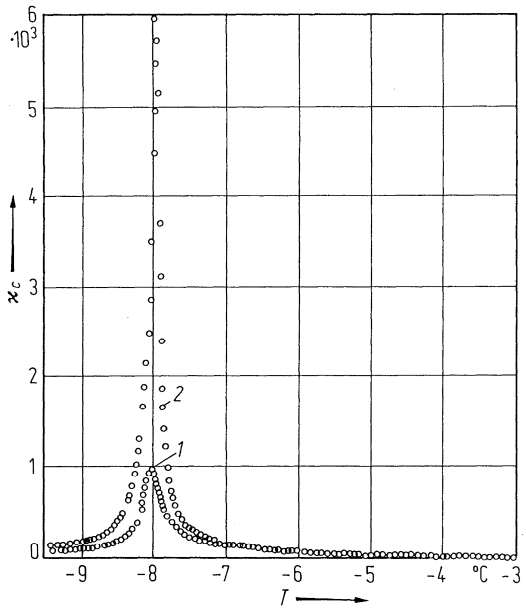

Fig. 40A-2-005. $RbHSO_4$. κ_c vs. T [77Kaj]. Curve *1*: as grown, *2*: annealed at 180 °C for 43 h. κ_c at f = 10 kHz.

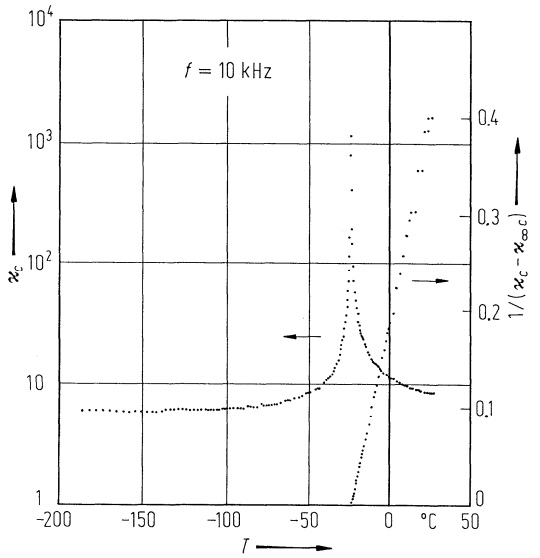

Fig. 40A-2-006. $RbDSO_4$. κ_c, $1/(\kappa_c - \kappa_{\infty c})$ vs. T [79Ich]. $\kappa_{\infty c}$: temperature independent term of the dielectric constant along the ferroelectric c axis.

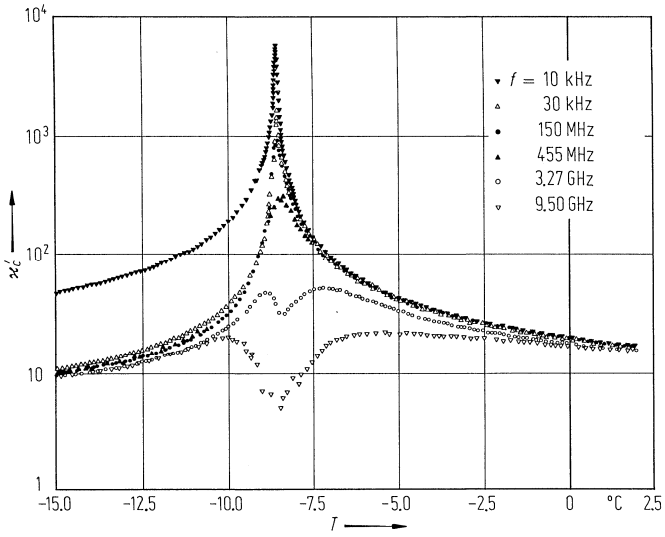

Fig. 40A-2-007. $RbHSO_4$. κ_c' vs. T [80Oza]. Parameter: f. Up to 9.50 GHz.

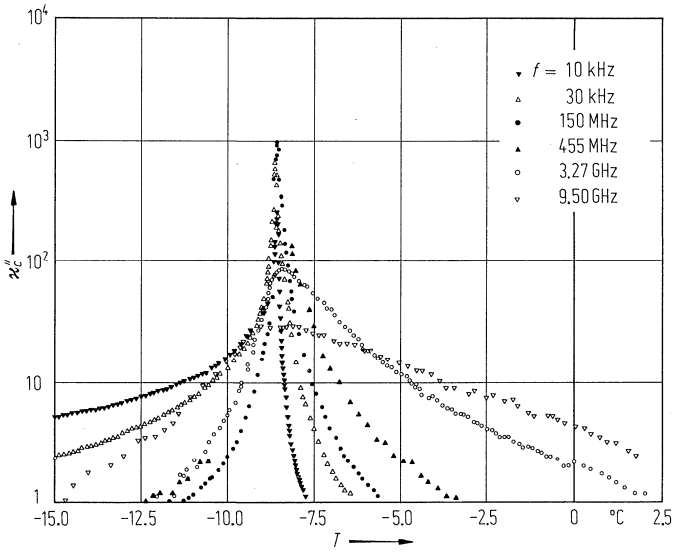

Fig. 40A-2-008. $RbHSO_4$. κ_c'' vs. T [80Oza]. Parameter: f. Up to 9.50 GHz.

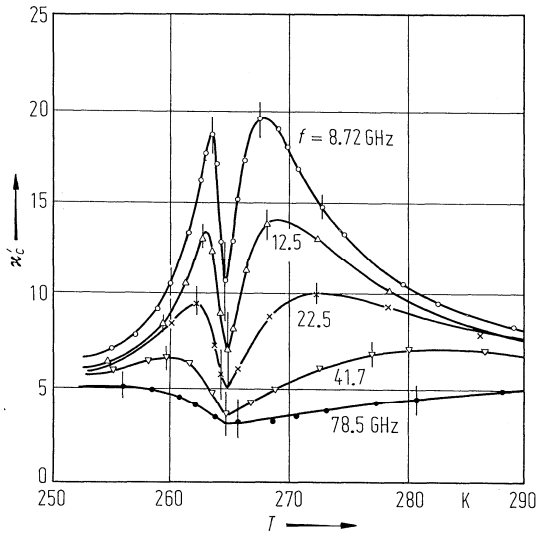

Fig. 40A-2-009. $RbHSO_4$. κ_c' vs. T [84Pap]. Parameter: f. Up to 78.5 GHz.

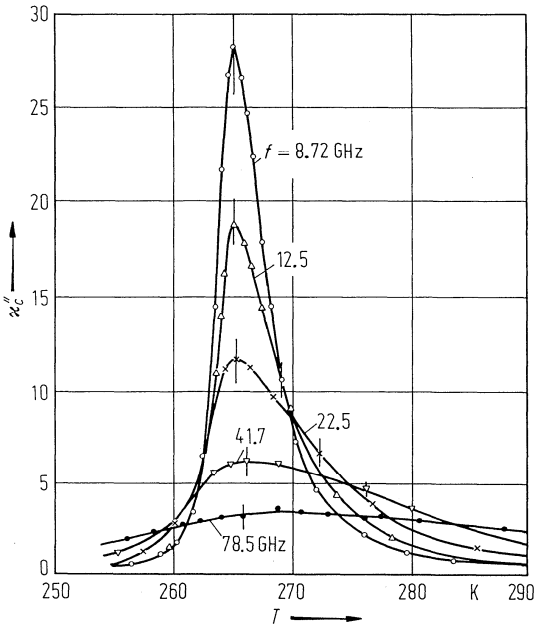

Fig. 40A-2-010. $RbHSO_4$. κ_c'' vs. T [84Pap]. Parameter: f. Up to 78.5 GHz.

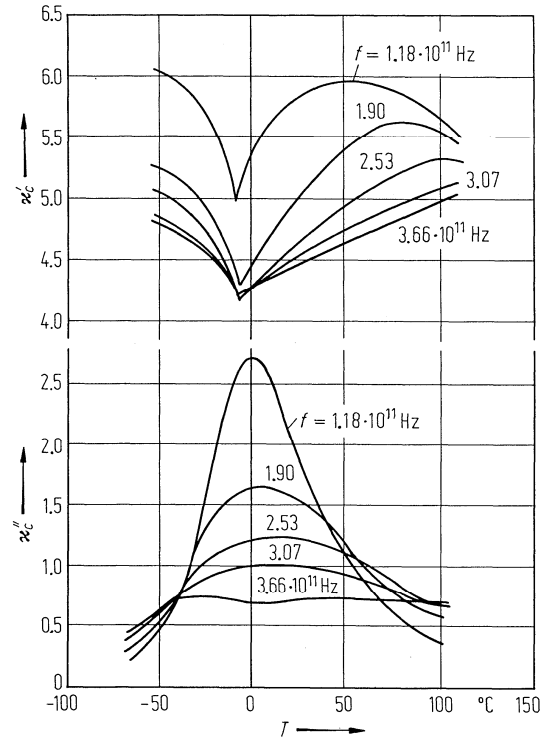

Fig. 40A-2-011. $RbHSO_4$. κ_c', κ_c'' vs. T [83Amb]. Parameter: f. Up to 366 GHz.

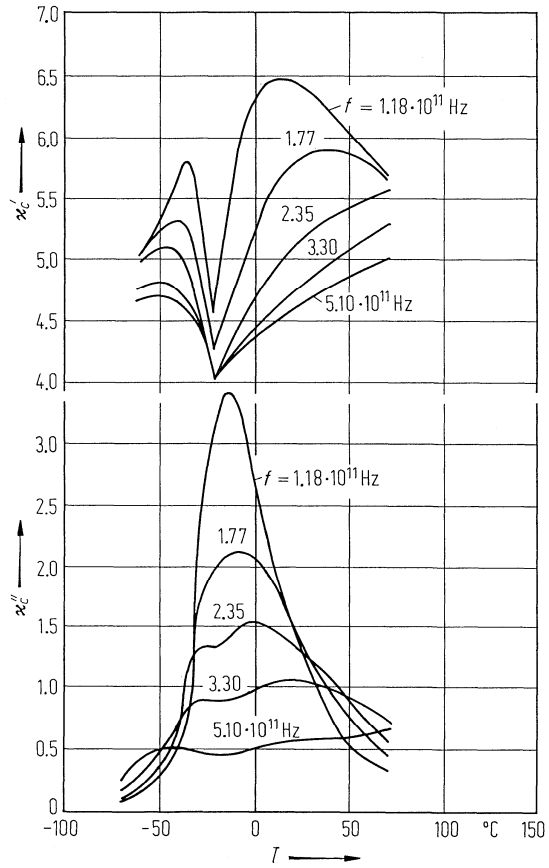

Fig. 40A-2-012. $RbDSO_4$. κ_c', κ_c'' vs. T [83Amb]. Parameter: f. Up to 510 GHz.

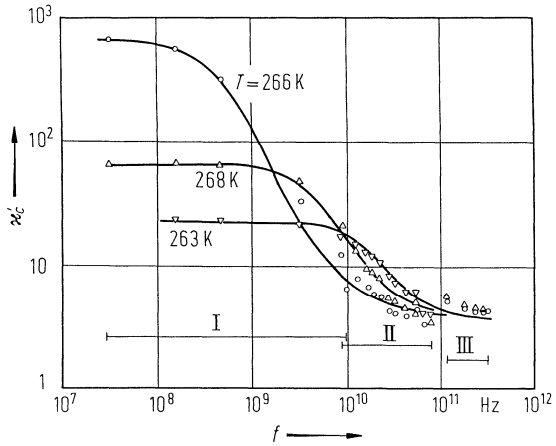

Fig. 40A-2-013. $RbHSO_4$. κ_c' vs. f [85Gri]. Parameter: T. Data in the frequency range I were taken from [80Oza], III from [83Amb].

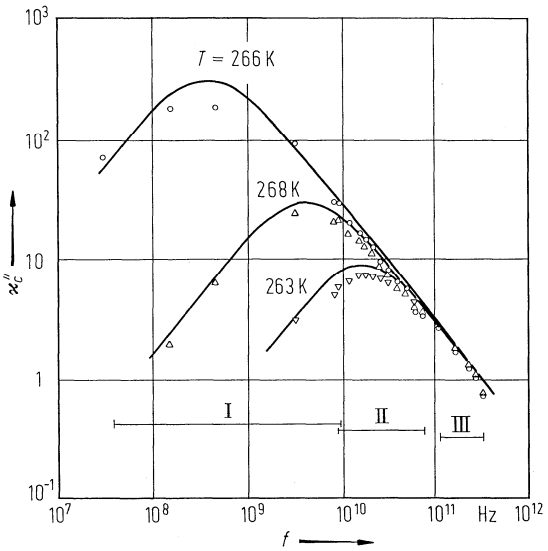

Fig. 40A-2-014. $RbHSO_4$. κ_c'' vs. f [85Gri]. Parameter: T. Data in frequency range I were taken from [80Oza], III from [83Amb].

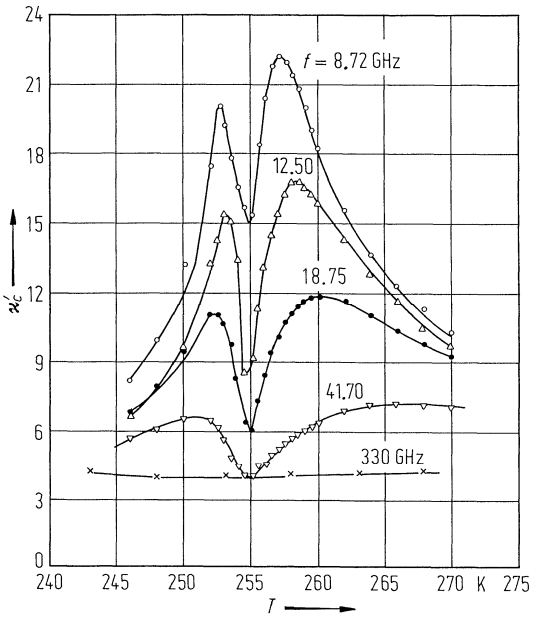

Fig. 40A-2-015. $RbH_{0.3}D_{0.7}SO_4$. κ_c' vs. T [84Gri]. Parameter: f. Up to 330 GHz.

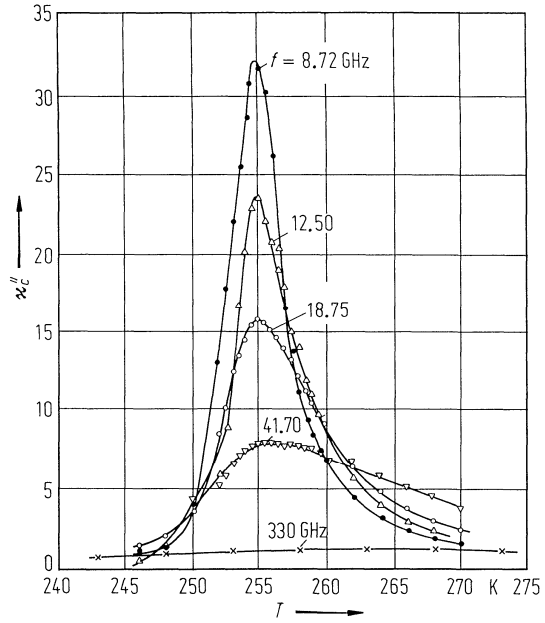

Fig. 40A-2-016. $RbH_{0.3}D_{0.7}SO_4$. κ_c'' vs. T [84Gri]. Parameter: f. Up to 330 GHz.

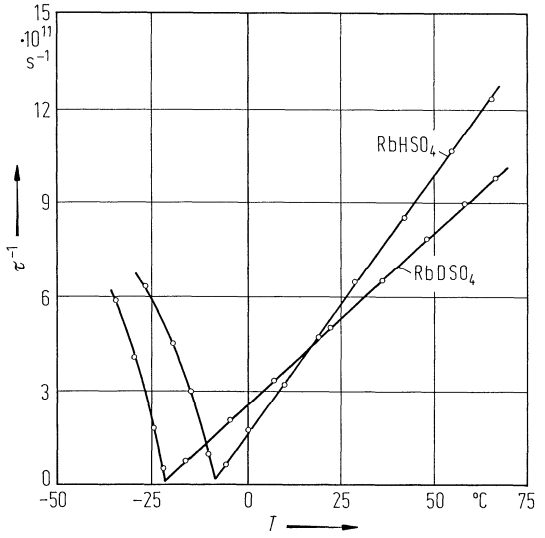

Fig. 40A-2-017. $RbHSO_4$, $RbDSO_4$. τ^{-1} vs. T [83Amb]. τ: dielectric relaxation time.

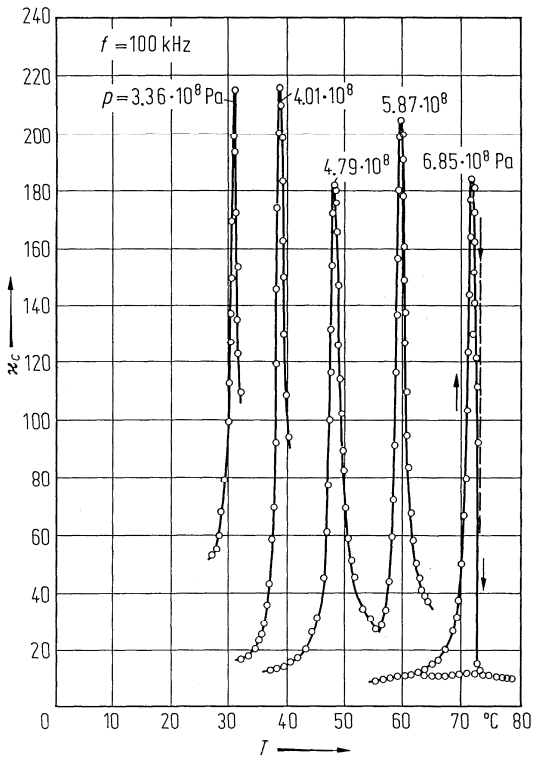

Fig. 40A-2-018. $RbHSO_4$. κ_c vs. T [75Ges]. Parameter: p.

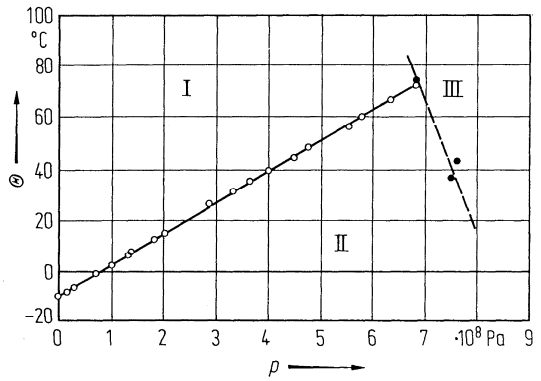

Fig. 40A-2-019. $RbHSO_4$. Θ vs. p [75Ges].

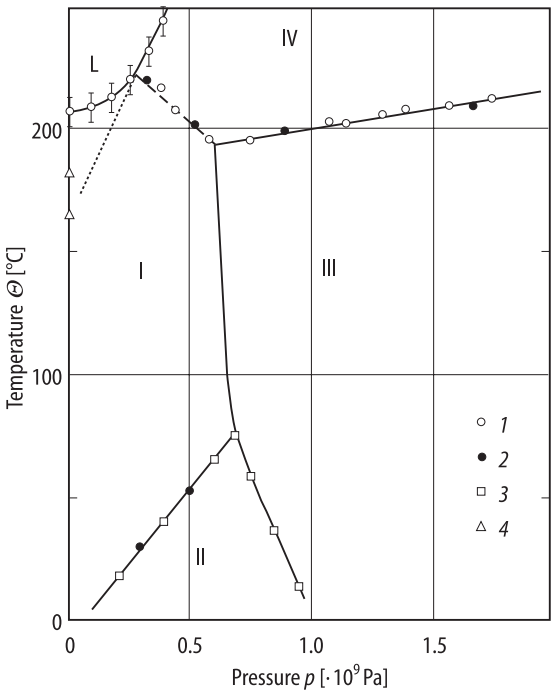

Fig. 40A-2-020. $RbHSO_4$. Θ vs. p [88Sin]. *1*: DTA measurement, *2*: electrical conductivity measurement, *3*: data by [75Ges], *4*: anomaly in surface conduction.

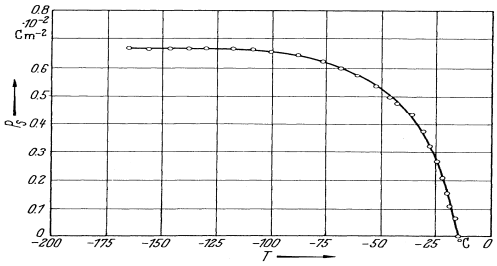

Fig. 40A-2-021. $RbHSO_4$. P_s vs. T [60Pep].

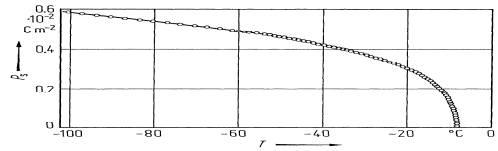

Fig. 40A-2-022. $RbHSO_4$. P_s vs. T [77Kaj].

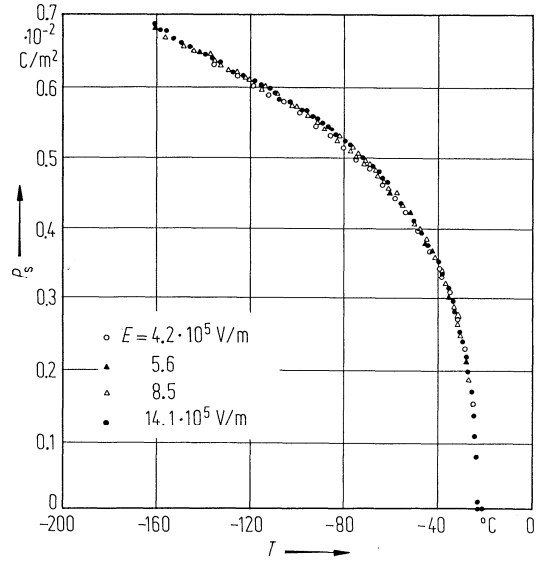

Fig. 40A-2-023. $RbDSO_4$. P_s vs. T [79Ich]. E: maximum value of measuring field strength.

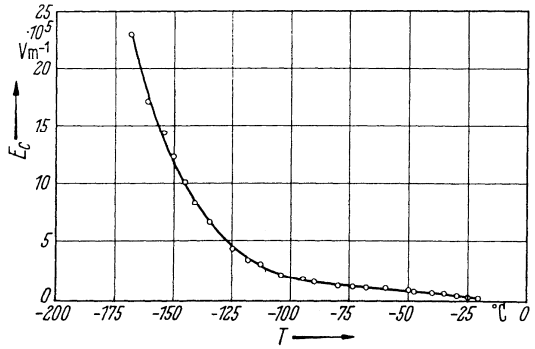

Fig. 40A-2-024. $RbHSO_4$. E_c vs. T [60Pep].

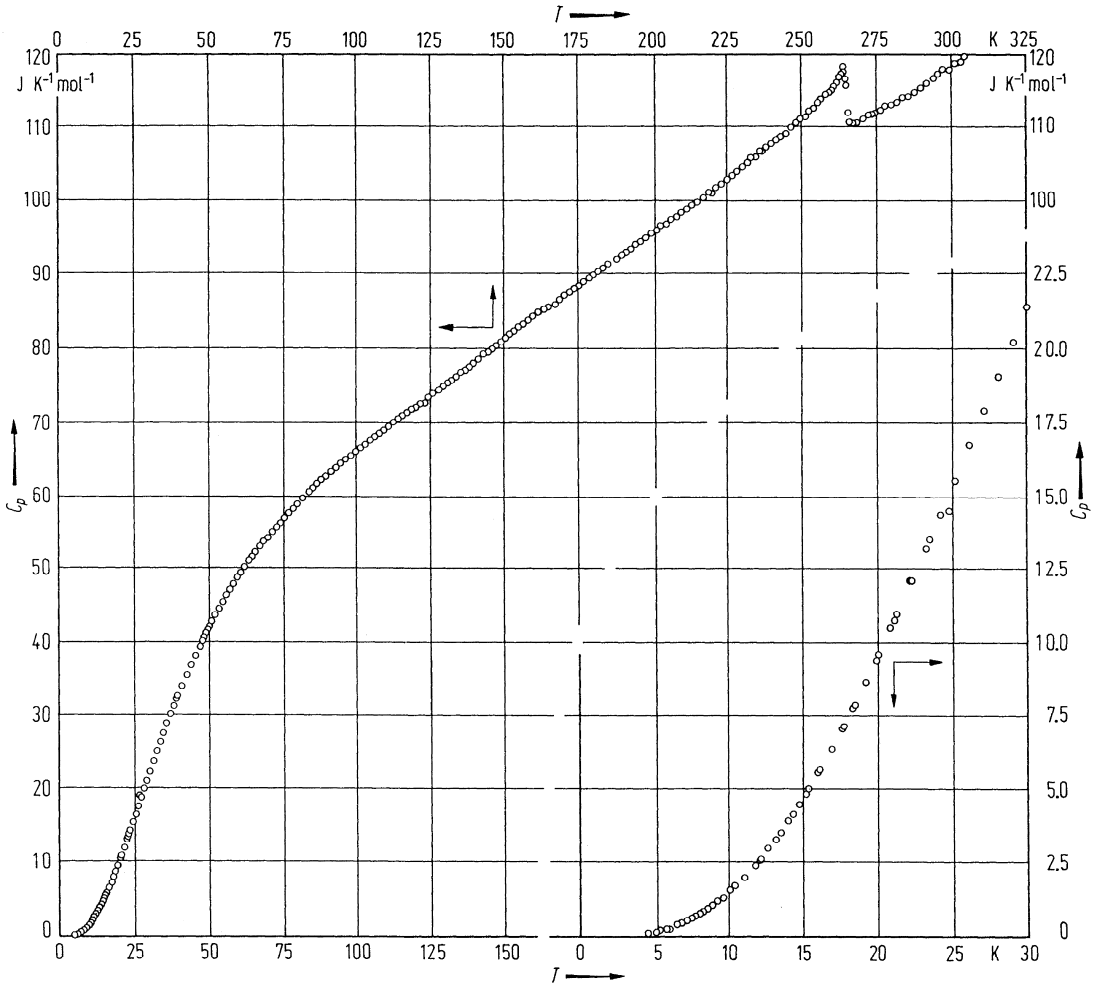

Fig. 40A-2-025. $RbHSO_4$. C_p vs. T [73Chi].

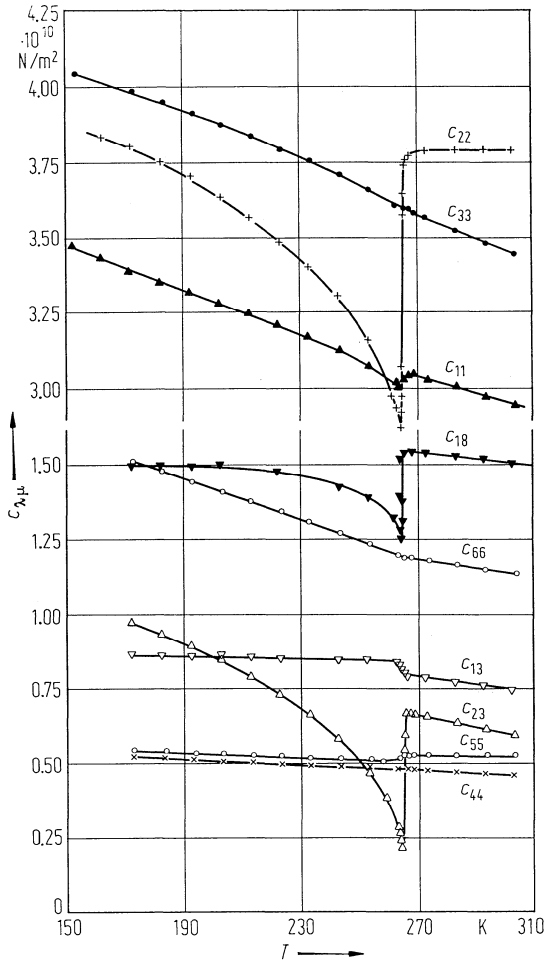

Fig. 40A-2-026. $RbHSO_4$. $c_{\lambda\mu}$ vs. T [79Ich]. $c_{\lambda\mu}$: elastic stiffness constant at f = 10 MHz.

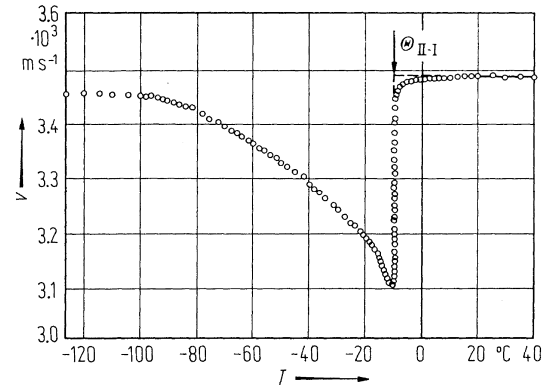

Fig. 40A-2-027. $RbHSO_4$. v vs. T [78Kaw]. v: velocity of sound wave propagating along the b axis at 5 MHz.

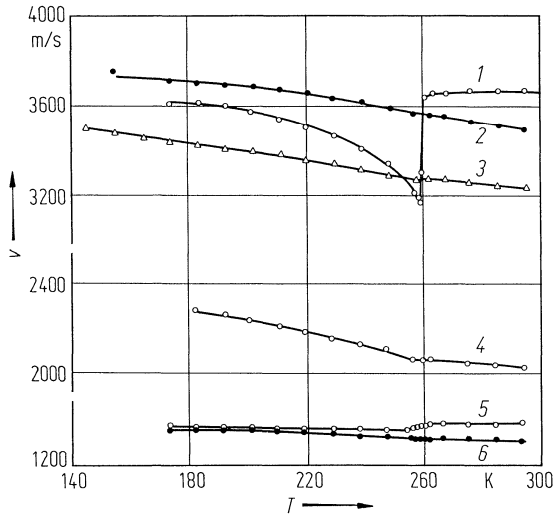

Fig. 40A-2-028. $RbHSO_4$. v vs. T [81Ale]. v: ultrasonic velocity at 10 MHz. Curve *1*: longitudinal, ***k*** || [010]; *2*: longitudinal, ***k*** || [001]; *3*: longitudinal, ***k*** || [100]; *4*: shear, ***k*** || [100], ***u*** || [010]; *5*: shear, ***k*** || [001], ***u*** || [100]; *6*: shear, ***k*** || [100], ***u*** || [001].

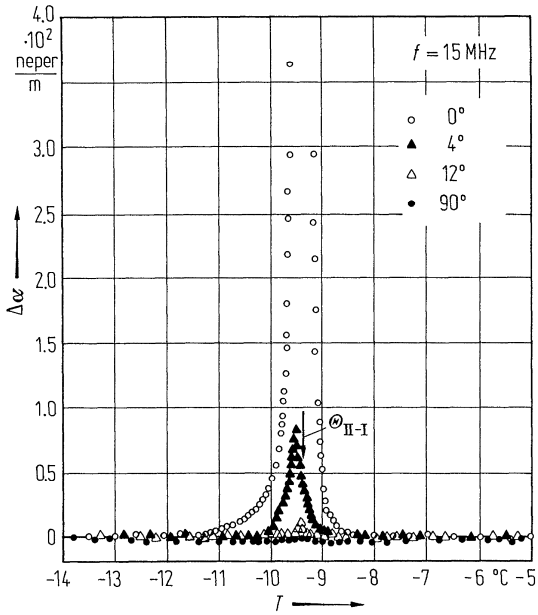

Fig. 40A-2-029. $RbHSO_4$. $\Delta\alpha$ vs. T [78Kaw]. $\Delta\alpha$: anomalous part of the attenuation of the quasi-longitudinal sound waves propagating along the direction in the *bc* plane with angles 0°, 4°, 12° and 90° with respect to the *b* axis.

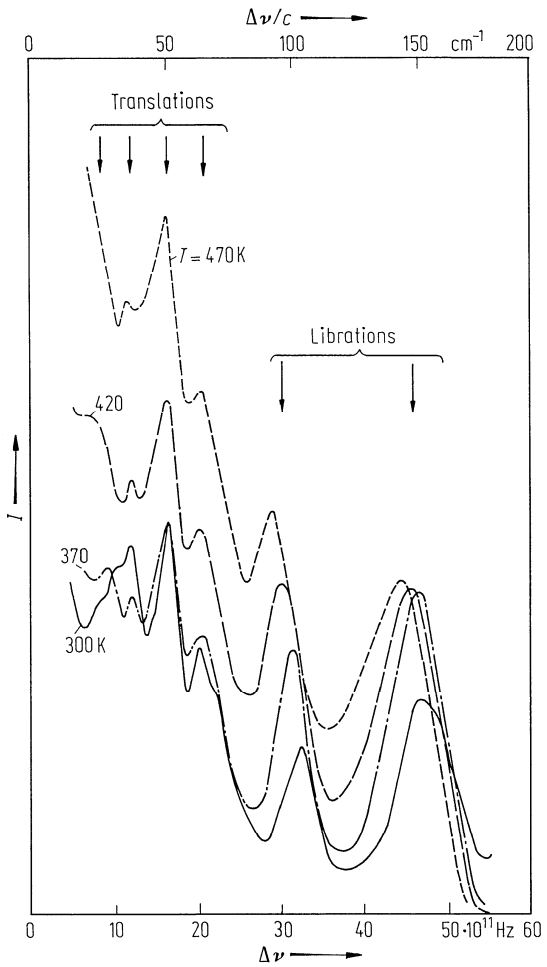

Fig. 40A-2-030. $RbHSO_4$. I vs. $\Delta\nu$ [81Tou]. Parameter: T. I: Raman scattering intensity. $\Delta\nu$: Raman scattering frequency shift.

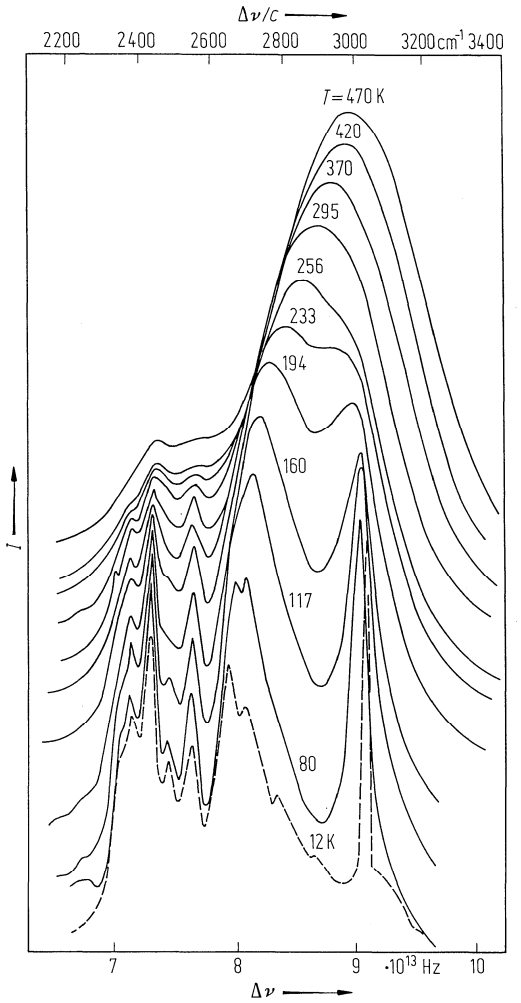

Fig. 40A-2-031. $RbHSO_4$. I vs. $\Delta\nu$ [81Tou]. Parameter: T. I: Raman scattering intensity. $\Delta\nu$: Raman scattering frequency shift.

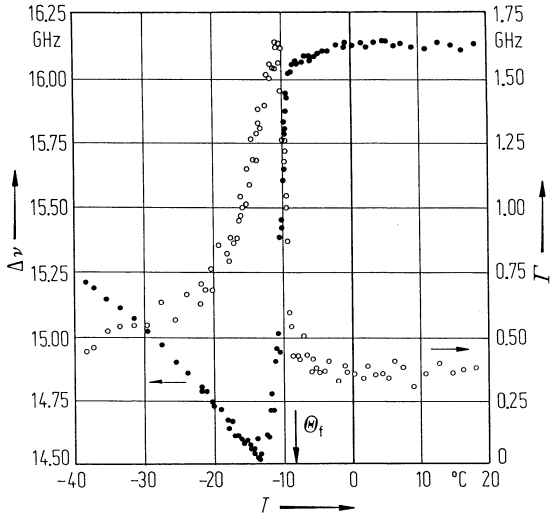

Fig. 40A-2-032. $RbHSO_4$. $\Delta\nu$, Γ vs. T [81Tsu]. $\Delta\nu$: Brillouin scattering frequency shift of the longitudinal acoustic phonon propagating along the b axis. Γ: full width at half maximum. $\lambda = 488$ nm. 90° scattering.

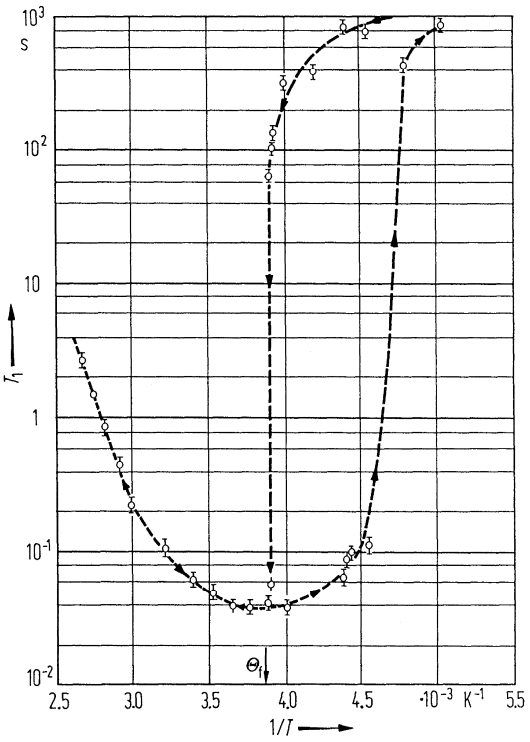

Fig. 40A-2-033. $RbHSO_4$. T_1 vs. $1/T$ [69Sil]. T_1: spin-lattice relaxation time of ^1H.