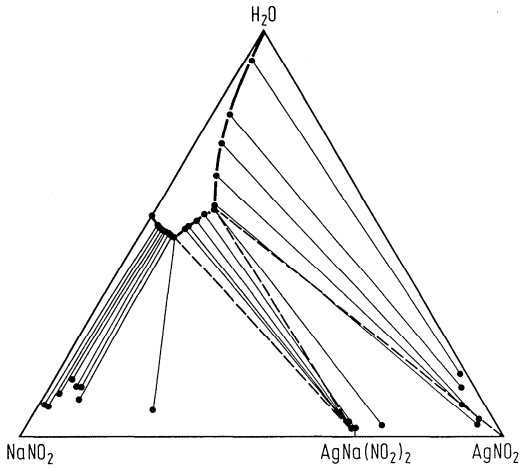


Fig. 28A-2-001. $AgNa(NO_2)_2$. Solubility curve for $AgNO_2$–$NaNO_2$–H_2O system [53Cav]. T = 25 °C. Thick curve: liquidus. Full circles which are joined with a thin line indicate the composition of a saturated solution and that of solid crystallized from it.

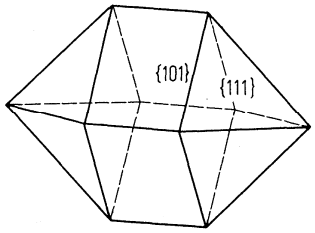


Fig. 28A-2-002. $AgNa(NO_2)_2$. Crystal form [53Cav].

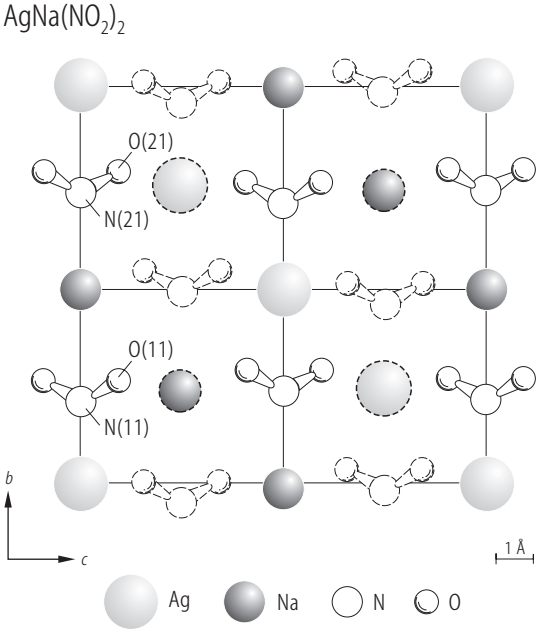


Fig. 28A-2-003. $AgNa(NO_2)_2$. Structure of phase II [74Ish]. T = 293 K. Projection along [100]. The hatched figures show the atoms by ≈a/4 above (or below) the layer on which solid figures lie. The figure is drawn as the fully ordered state. For the population parameters, see Table 28A-2-004.

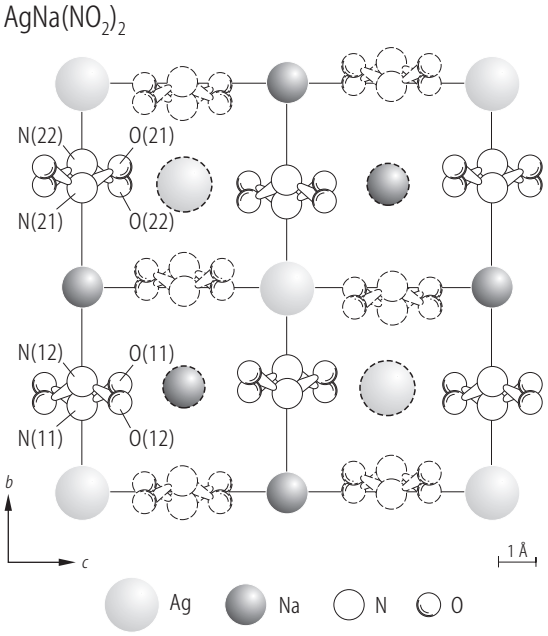


Fig. 28A-2-004. $AgNa(NO_2)_2$. Structure of phase I [74Ish]. T = 323 K. Projection along [100]. The hatched figures show the atoms by $\approx a/4$ above (or below) the layer on which solid figures lie. For the population parameters, see Table 28A-2-004.

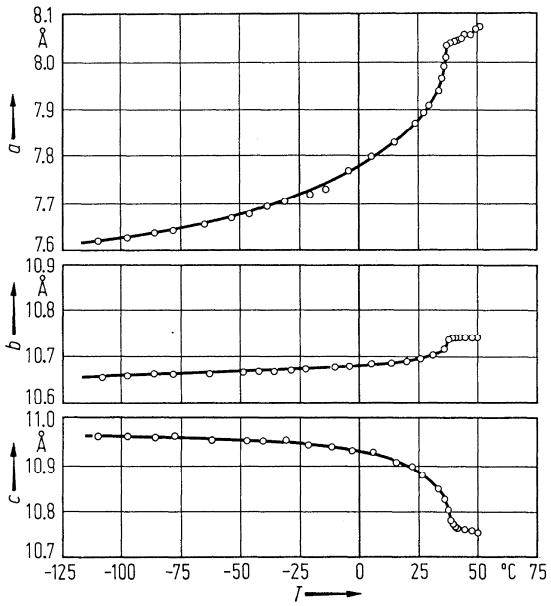


Fig. 28A-2-005. $AgNa(NO_2)_2$. a, b, c vs. T [71Mik].

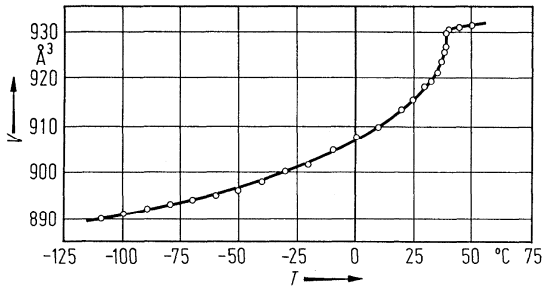


Fig. 28A-2-006. $AgNa(NO_2)_2$. V vs. T [71Mik]. V: unit cell volume.

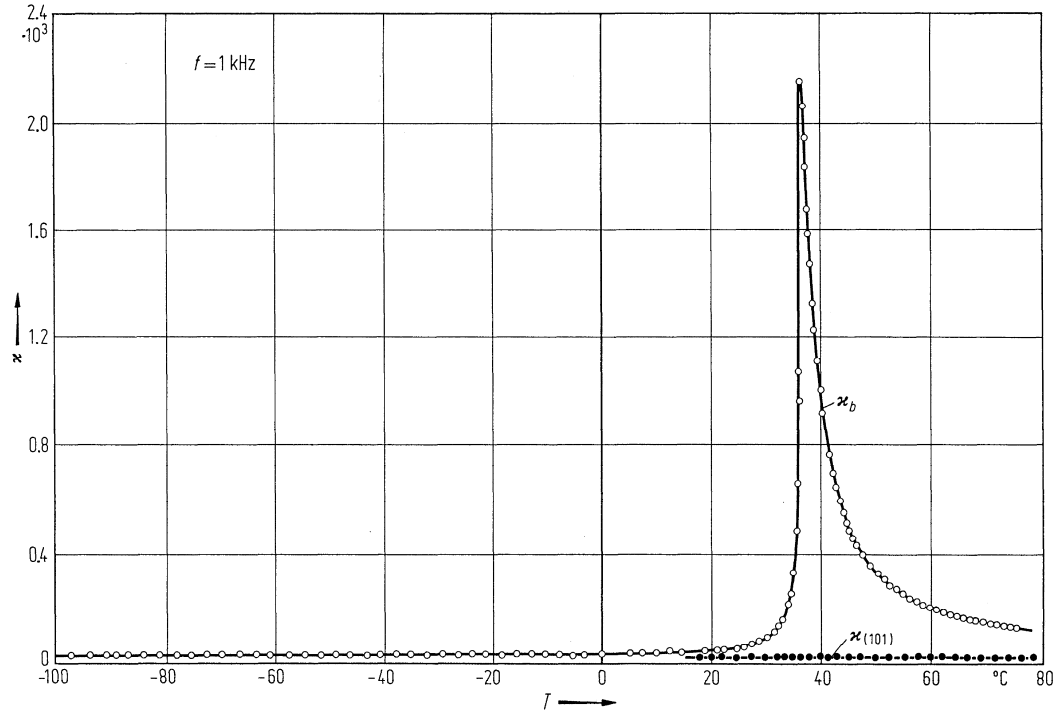


Fig. 28A-2-007. $AgNa(NO_2)_2$. κ_b, $\kappa_{(101)}$ vs. T [70Ges1]. $\kappa_{(101)}$: dielectric constant perpendicular to the (101) plane.

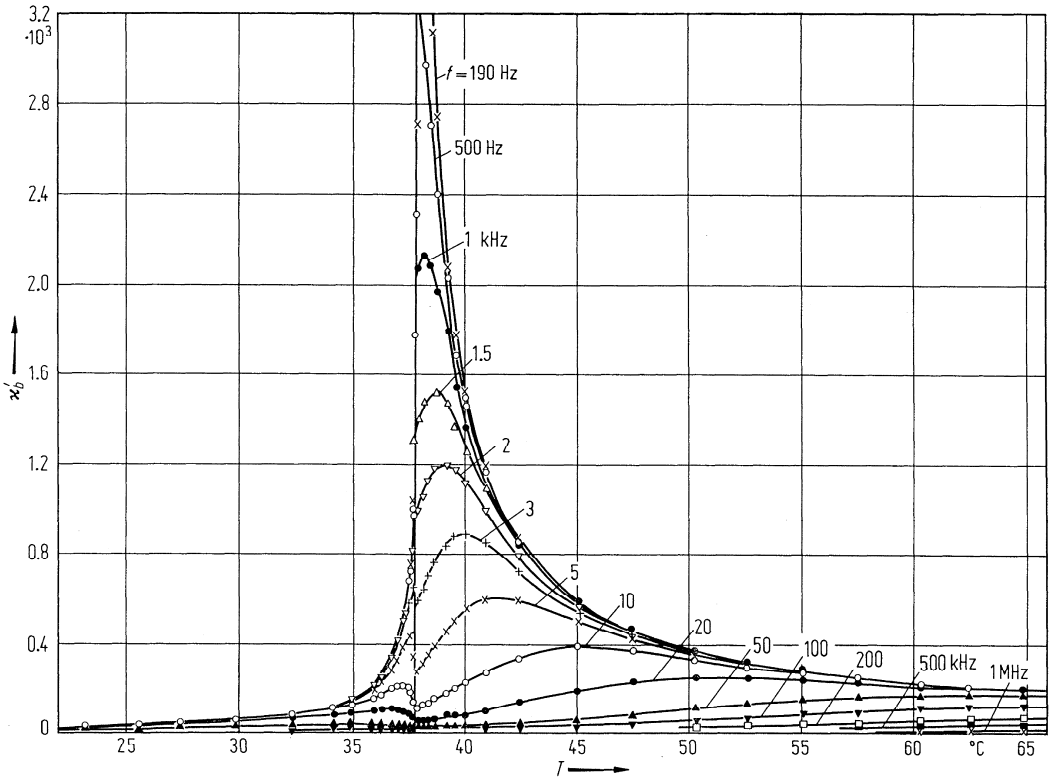


Fig. 28A-2-008. $AgNa(NO_2)_2$. κ_b' vs. T [72Ges1]. Parameter: f.

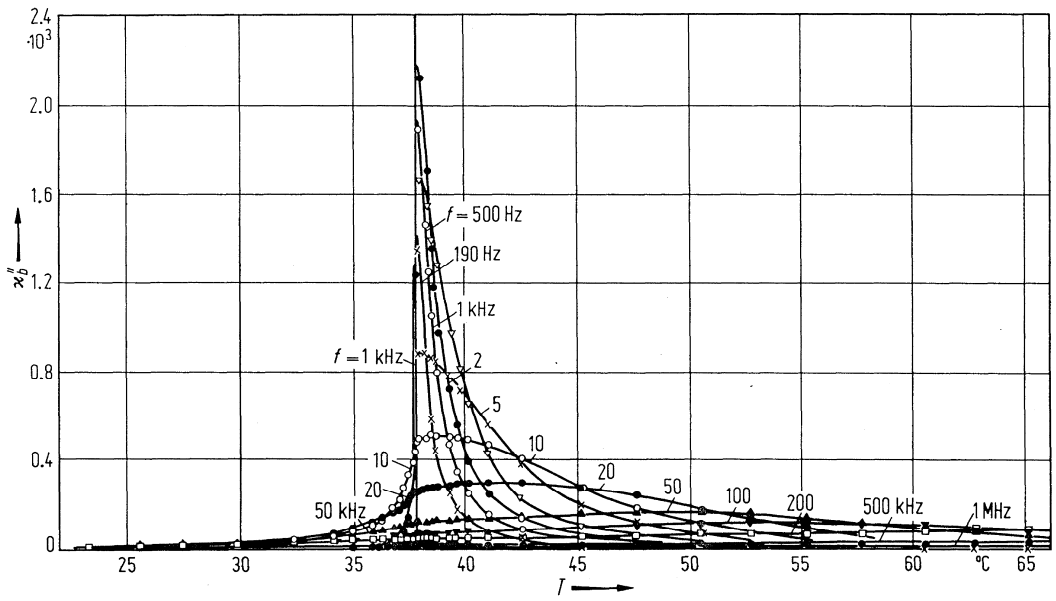


Fig. 28A-2-009. $AgNa(NO_2)_2$. κ_b'' vs. T [72Ges1]. Parameter: f.

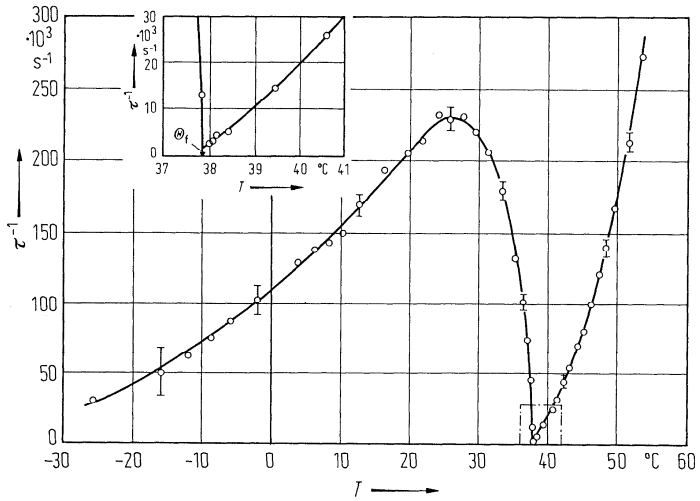


Fig. 28A-2-010. $AgNa(NO_2)_2$. $1/\tau$ vs. T [76Gro]. τ: dielectric relaxation time.

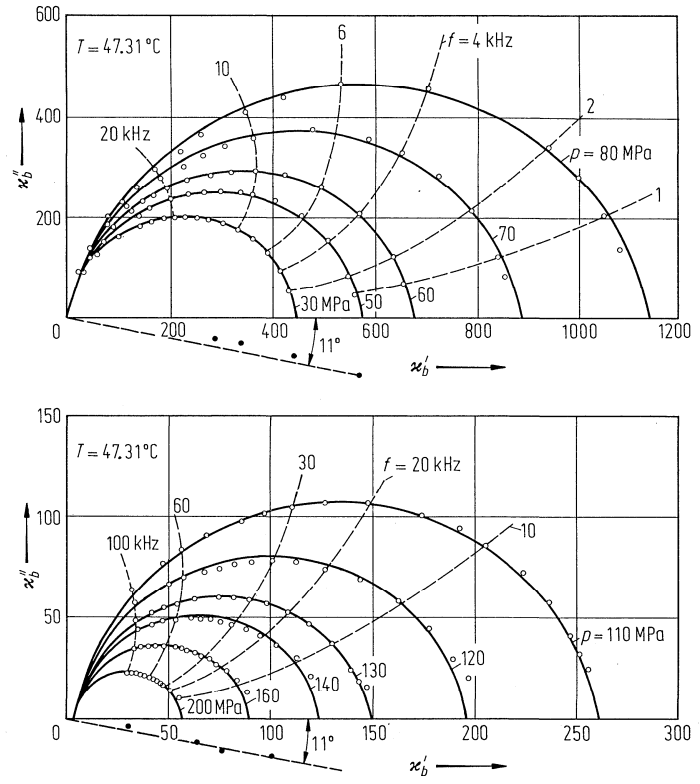


Fig. 28A-2-011. $AgNa(NO_2)_2$. Cole-Cole diagrams of the complex dielectric constant, $\kappa_b = \kappa'_b - i\kappa''_b$, [80Pet]. $T = 47.31$ °C. Parameter: p.

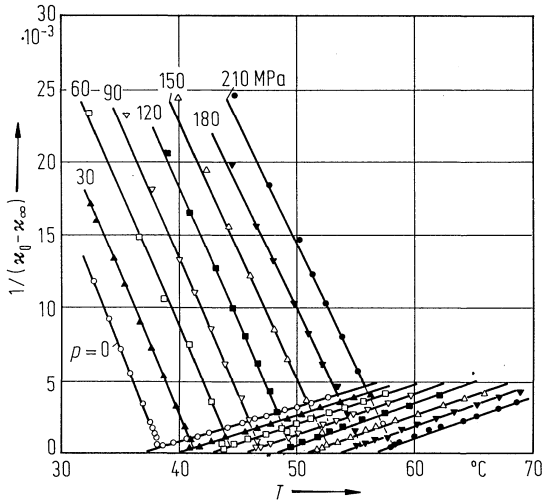


Fig. 28A-2-012. $AgNa(NO_2)_2$. $1/(\kappa_0 - \kappa_\infty)$ vs. T [80Pet]. Parameter: p. κ_0: static dielectric constant along b. $\kappa_\infty = 4.5$.

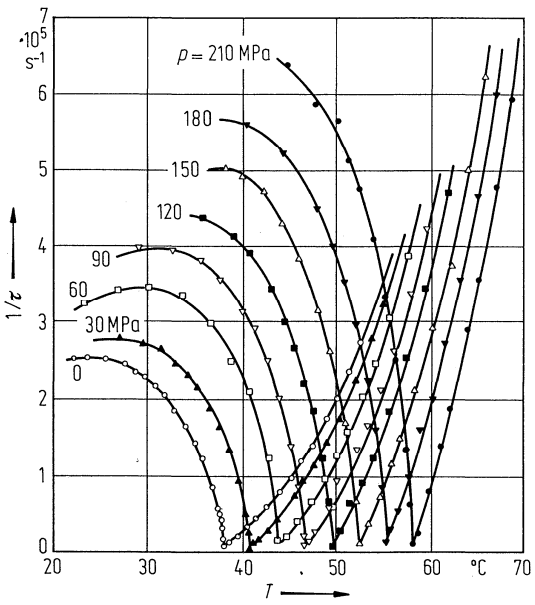


Fig. 28A-2-013. $AgNa(NO_2)_2$. $1/\tau$ vs. T [80Pet]. Parameter: p. τ: dielectric relaxation time.

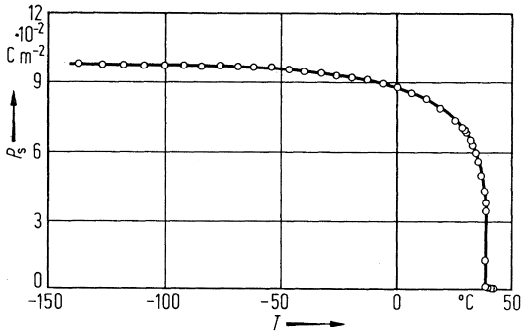


Fig. 28A-2-014. $AgNa(NO_2)_2$. P_s vs. T [72Ges3].

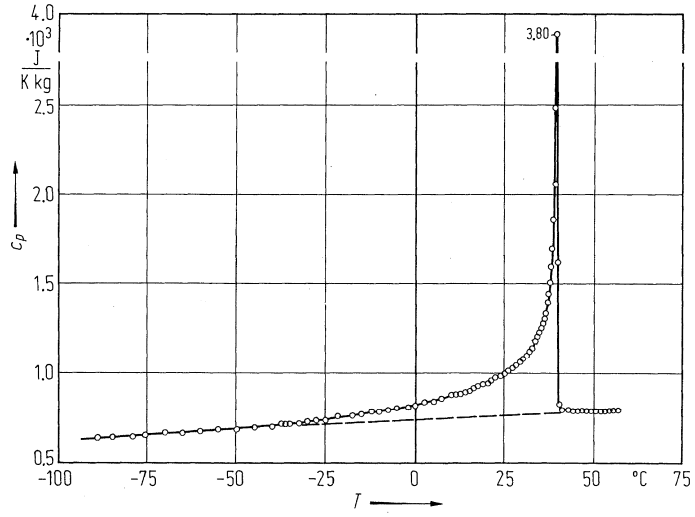


Fig. 28A-2-015. $AgNa(NO_2)_2$. c_p vs. T [77Hel].

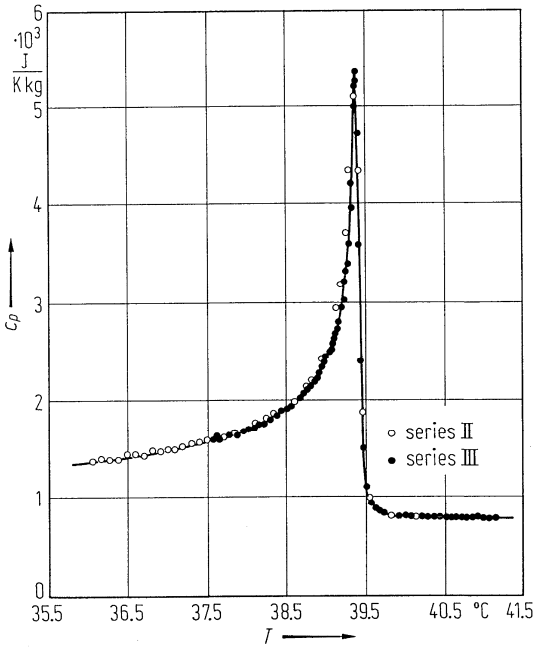
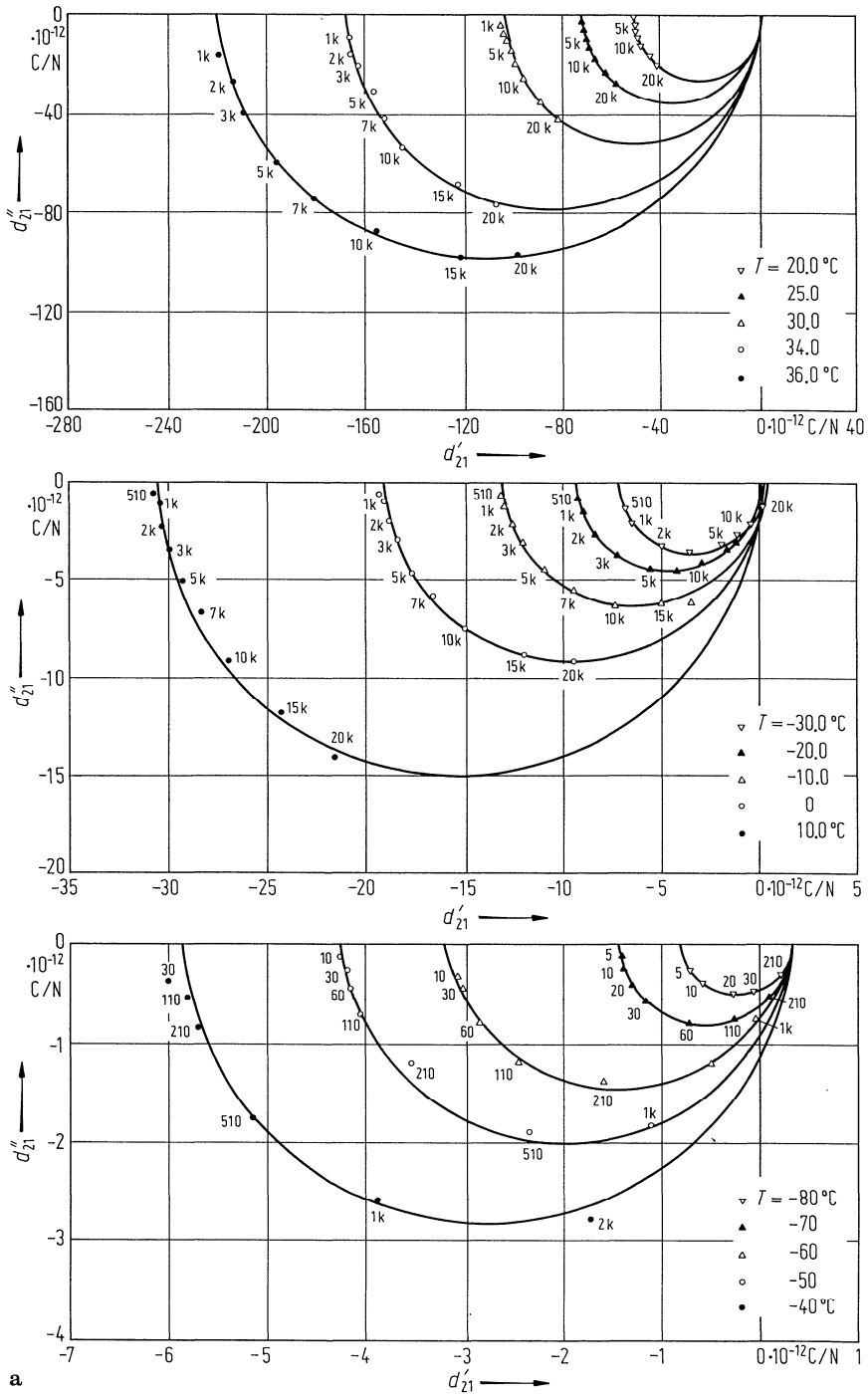
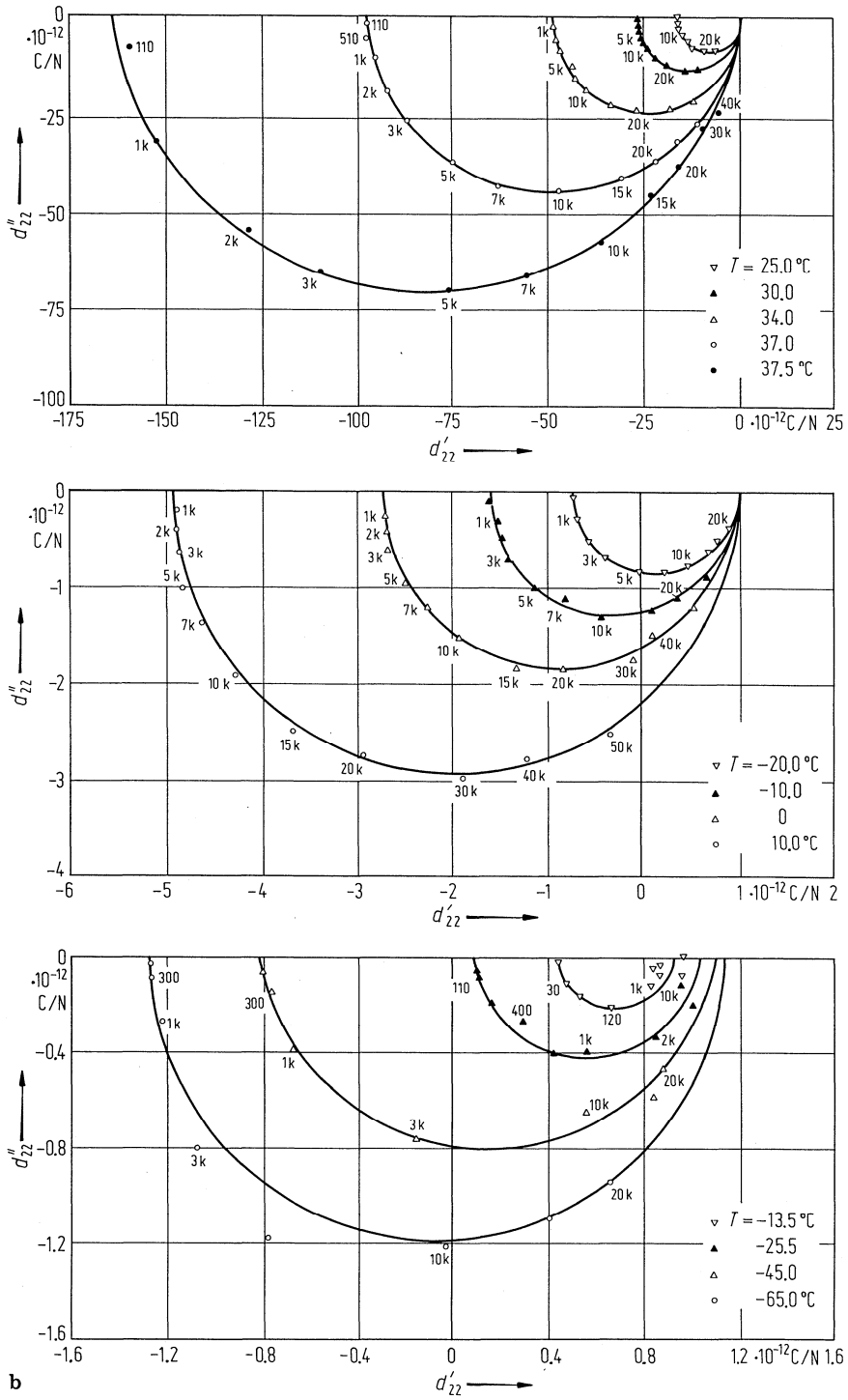


Fig. 28A-2-016. $AgNa(NO_2)_2$. c_p vs. T in the vicinity of Θ_{II-I} [77Hel]. Temperature increments of 0.1 K (series II) and 0.03 K (series III) were applied.



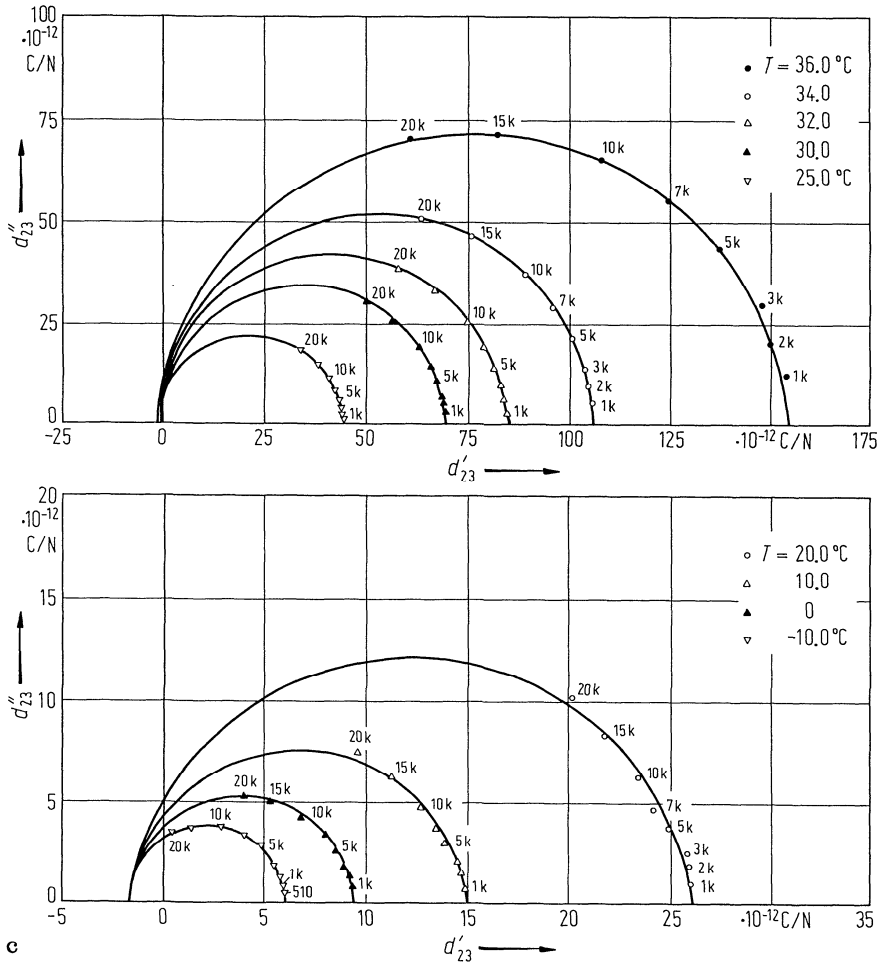
a

Fig. 28A-2-017. $AgNa(NO_2)_2$. Cole-Cole diagrams of complex piezoelectric constant, $d_{2\lambda} = d'_{2\lambda} - id''_{2\lambda}$ [81Yam]. Parameter: T. (**a**) d_{21}, (**b**) d_{22}, (**c**) d_{23}.



b

Fig. 28A-2-017b.



c

Fig. 28A-2-017c.

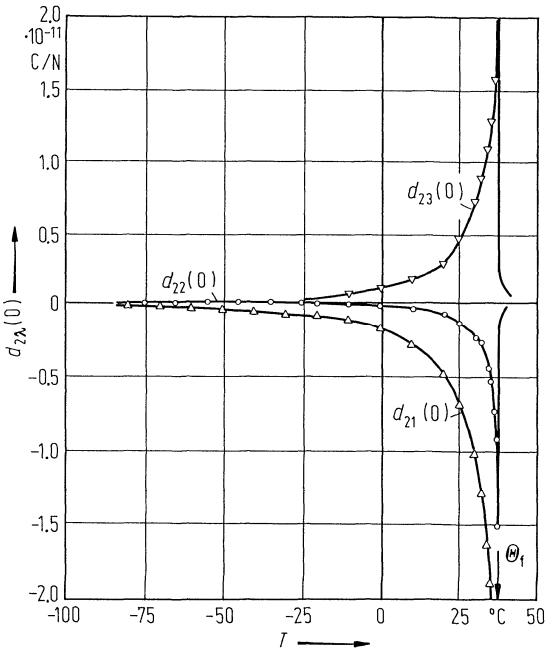


Fig. 28A-2-018. $AgNa(NO_2)_2$. $d_{2\lambda}(0)$ vs. T [81Yam]. $d_{2\lambda}(0)$: static piezoelectric constant.

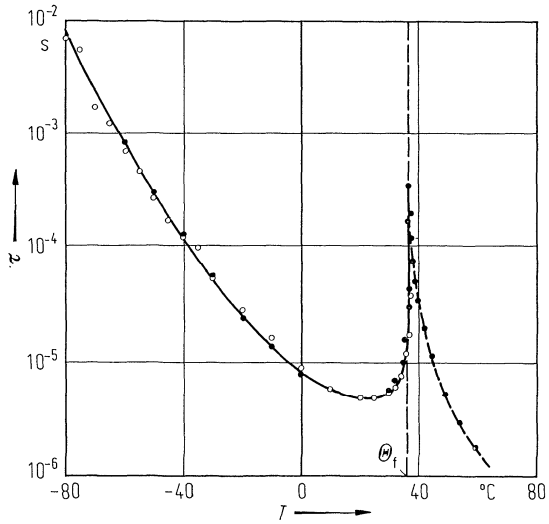


Fig. 28A-2-019. $AgNa(NO_2)_2$. τ vs. T [81Yam]. τ: piezoelectric (open circle) and dielectric (full circle) relaxation times.

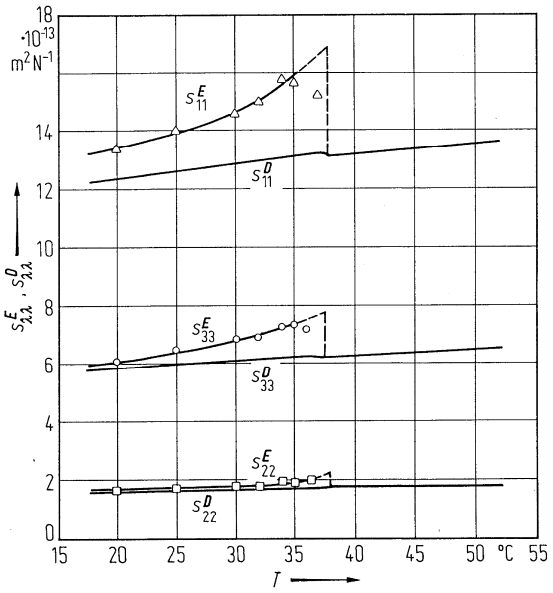


Fig. 28A-2-020. $AgNa(NO_2)_2$. $s^E_{\lambda\lambda}$, $s^D_{\lambda\lambda}$ vs. T [79Yam].

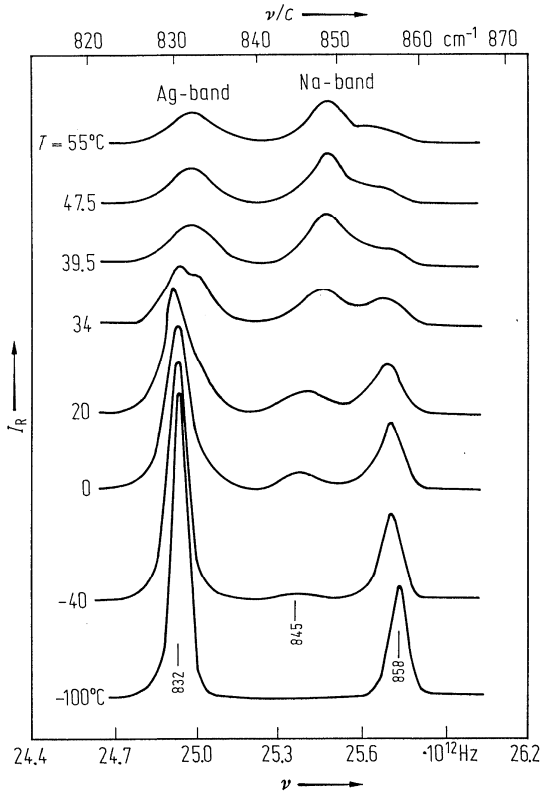


Fig. 28A-2-021. $AgNa(NO_2)_2$. I vs. ν [80Han]. Parameter: T. ν, I: frequency and intensity of Raman scattering of ν_2 vibrational modes of NO_2^- ions. Ag-band: absorption NO_2^-'s denoted (11) or (22), Na-band: absorption by NO_2^-'s denoted (12) or (21) in Fig. 28A-2-003 and Fig. 28A-2-004.

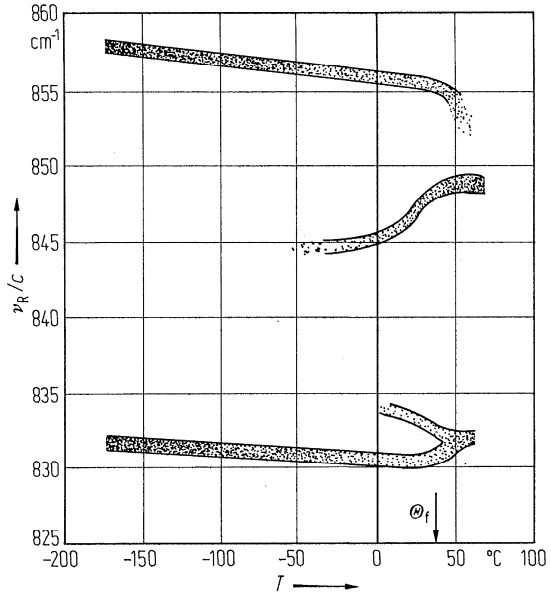


Fig. 28A-2-022. $AgNa(NO_2)_2$. ν_R/c vs. T [80Han]. ν_R/c: wave number of Raman scattering of ν_2 vibrational modes of NO_2^- ions. See caption of Fig. 28A-2-021.

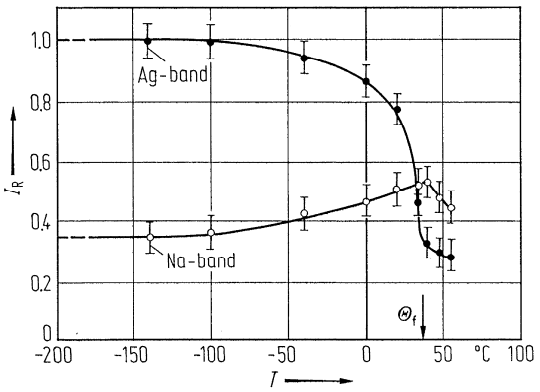


Fig. 28A-2-023. $AgNa(NO_2)_2$. I_R vs. T [80Han]. I_R: intensity of Raman scattering of ν_2 vibrational modes of NO_2^- ions. See caption of Fig. 28A-2-021.

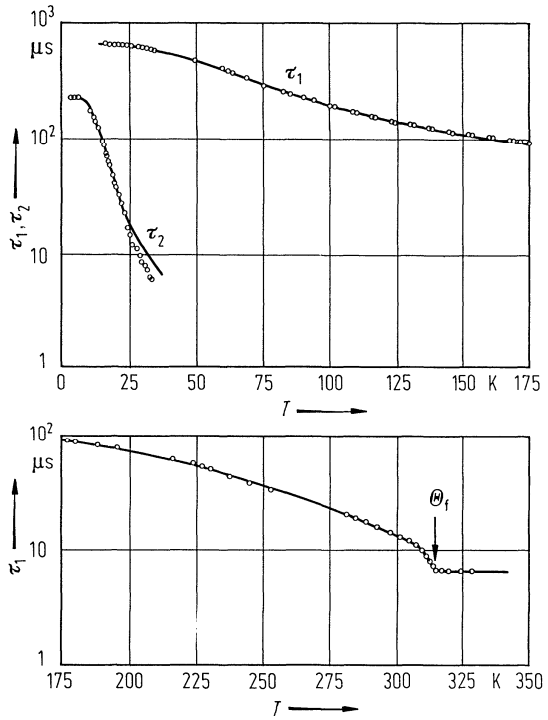


Fig. 28A-2-024. $AgNa(NO_2)_2$. τ_1, τ_2 vs. T [86Thy]. τ_1, τ_2: characteristic decay time of the laser induced luminescence $I(t)$. $I(t)$: induced luminescence expressed as $I(t) = I_1\exp(-t/\tau_1) + I_2\exp(-t/\tau_2)$. The lower figure shows the data in transition region [83Hap].

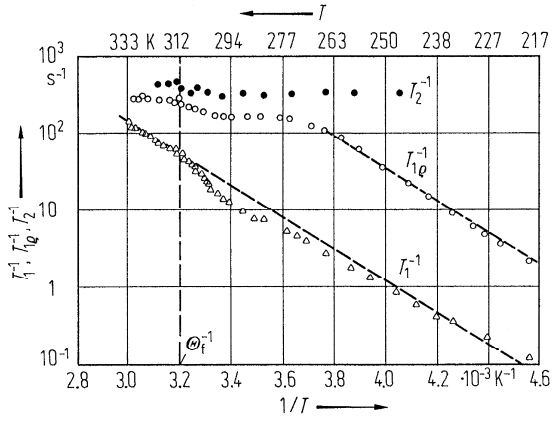


Fig. 28A-2-025. $AgNa(NO_2)_2$. $1/T_1$, $1/T_{1\rho}$, $1/T_2$ vs. $1/T$ for ^{23}Na [78Gro1]. $f = 20$ MHz.

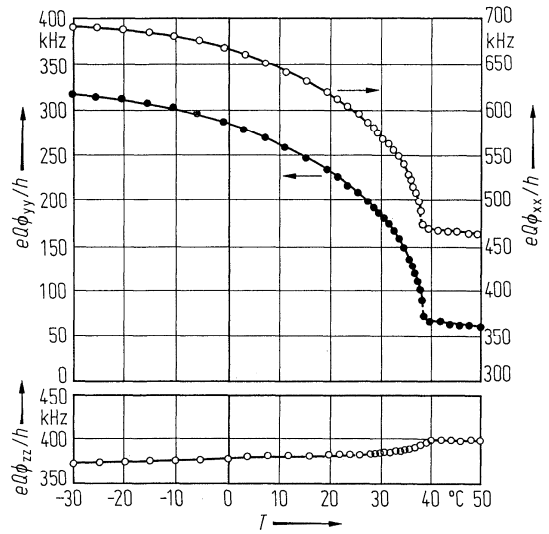


Fig. 28A-2-026. $AgNa(NO_2)_2$. $eQ\phi_{ii}/h$ vs. T [78Gro2]. $eQ\phi_{ii}/h$: principal values of the quadrupole coupling tensor of ^{23}Na. In phase I, $\boldsymbol{x} \parallel \boldsymbol{a}$, $\boldsymbol{y} \parallel \boldsymbol{b}$, $\boldsymbol{z} \parallel \boldsymbol{c}$. In phase II, $\boldsymbol{y} \parallel \boldsymbol{b}$, $\boldsymbol{x}$ and $\boldsymbol{z}$ make angles of ±4° with the a and c axes, respectively.

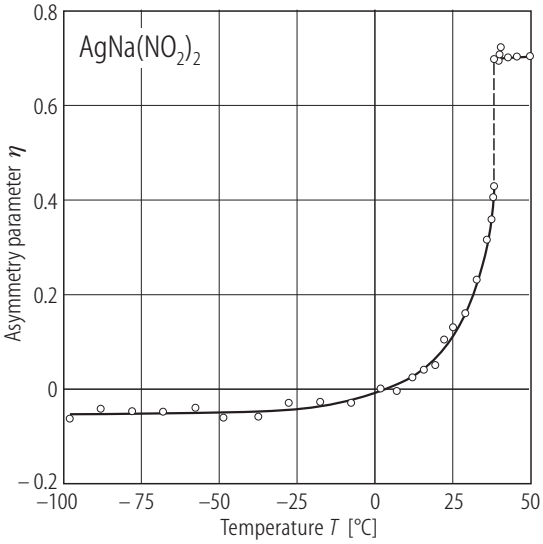


Fig. 28A-2-027. $AgNa(NO_2)_2$. η vs. T [73Hik]. η: asymmetry parameter, $\eta = (\phi_{22} - \phi_{33})/\phi_{11}$.