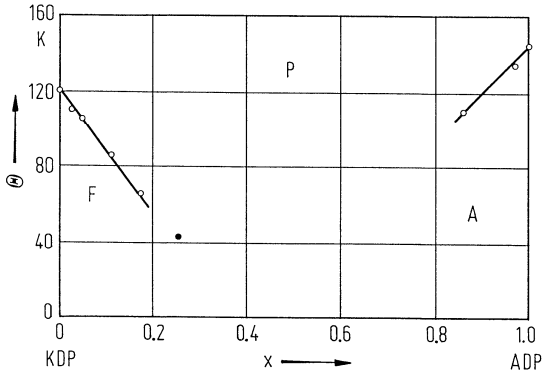

Fig. 33B-1-001. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). Θ vs. x [87Ono]. Full circle: broad maximum of dielectric constant for x = 0.25 crystal.

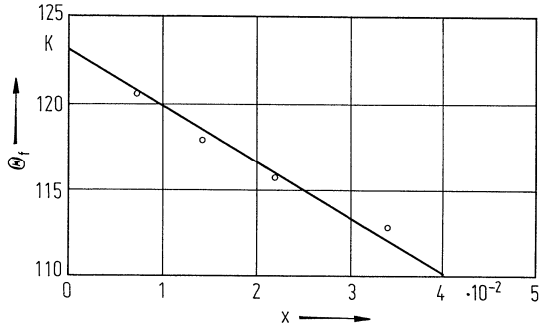

Fig. 33B-1-002. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). Θ_f vs. x [83Kim].

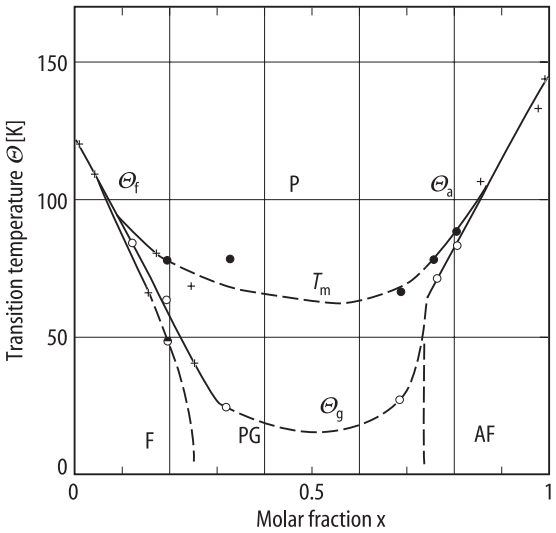

Fig. 33B-1-003. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). Θ vs. x [91Gri1, 87Ono]. PG: proton glass phase. Θ_g: glass transition temperature. T_m: the temperature where deviation from the Curie-Weiss law starts.

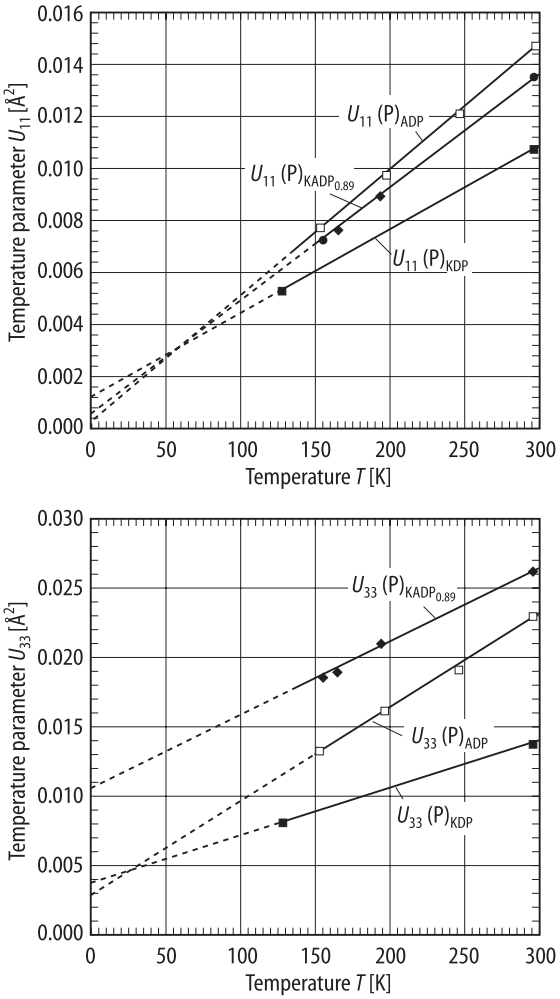

Fig. 33B-1-004. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.89). U_{ij} vs. T for P atom [94Bou]. U_{ij}: anisotropic temperature parameters defined by Eq. (d) in Introduction. The data for x = 0 (KDP) [87Fuk] and x = 1 (ADP) [87Nel] are also indicated for comparison.

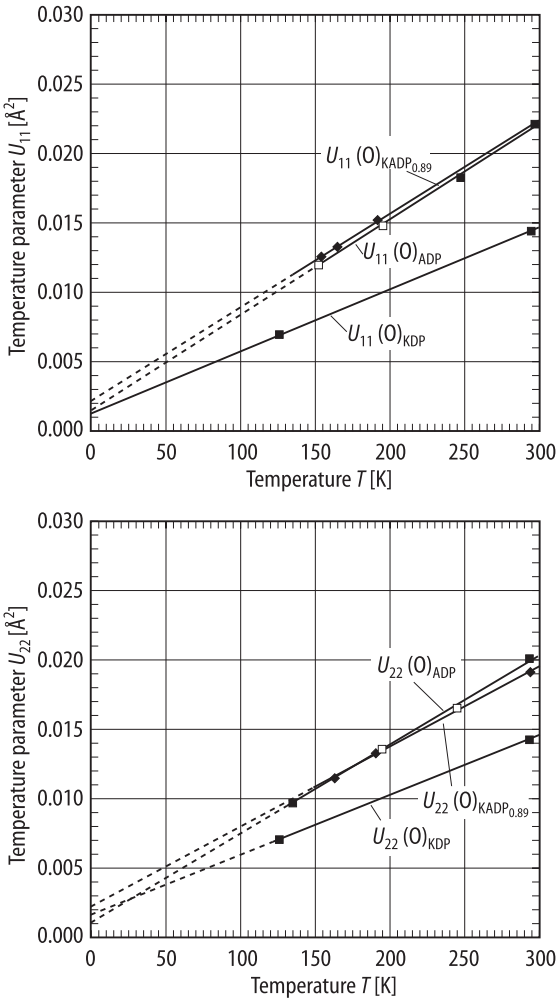

Fig. 33B-1-005. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.89). U_{11}, U_{22} vs. T for O atom [94Bou]. U_{ij}: anisotropic temperature parameters defined by Eq. (d) in Introduction. The data for x = 0 (KDP) [87Fuk] and x = 1 (ADP) [87Nel] are also indicated for comparison.

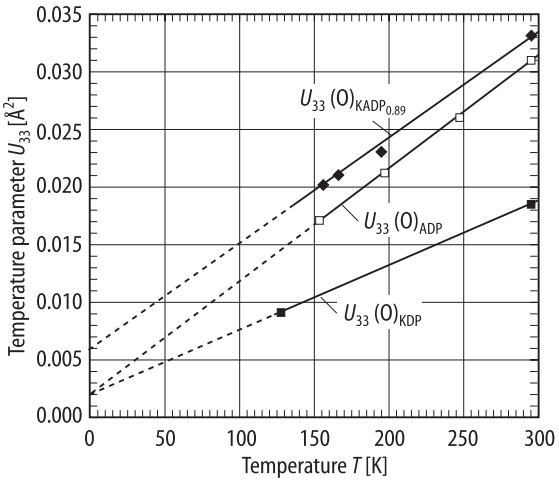

Fig. 33B-1-006. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.89). U_{33} vs. T for O atom [94Bou]. U_{ij}: anisotropic temperature parameters defined by Eq. (d) in Introduction. The data for x = 0 (KDP) [87Fuk] and x = 1 (ADP) [87Nel] are also indicated for comparison.

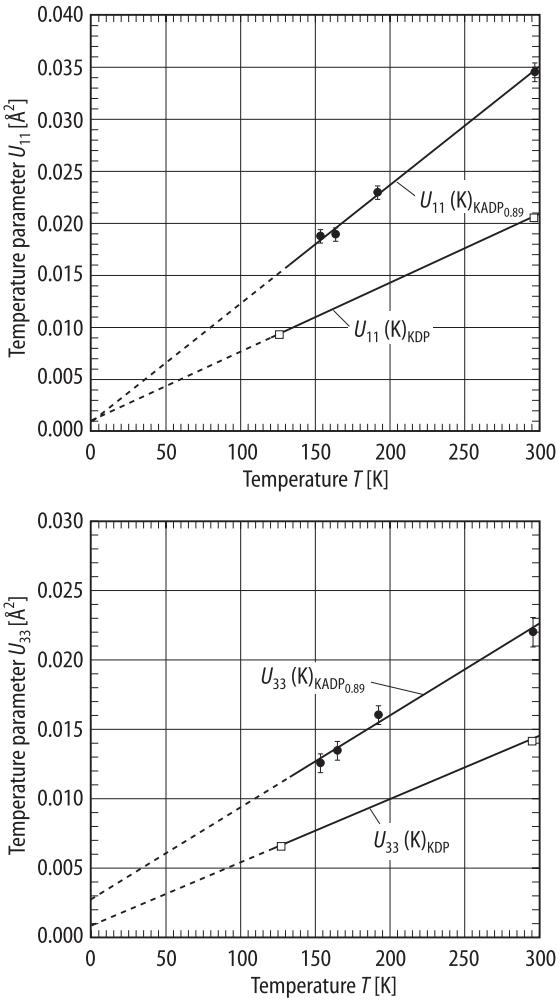

Fig. 33B-1-007. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.89). U_{11}, U_{33} vs. T for K atom [94Bou]. U_{ij}: anisotropic temperature parameters defined by Eq. (d) in Introduction. The data for x = 0 (KDP) [87Fuk] are also indicated for comparison.

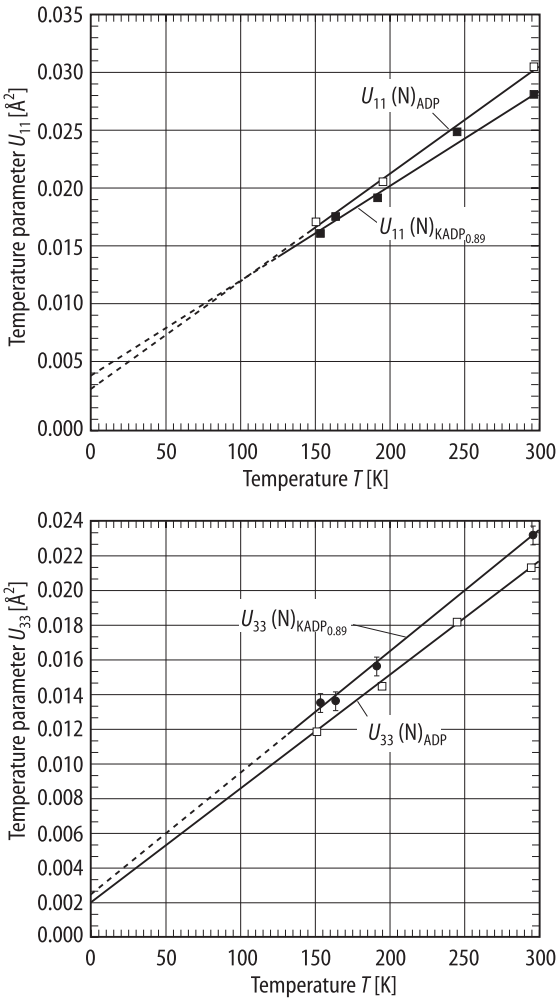

Fig. 33B-1-008. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.89). U_{11}, U_{33} vs. T for N atom [94Bou]. U_{ij}: anisotropic temperature parameters defined by Eq. (d) in Introduction. The data for x = 1 (ADP) [87Nel] are also indicated for comparison.

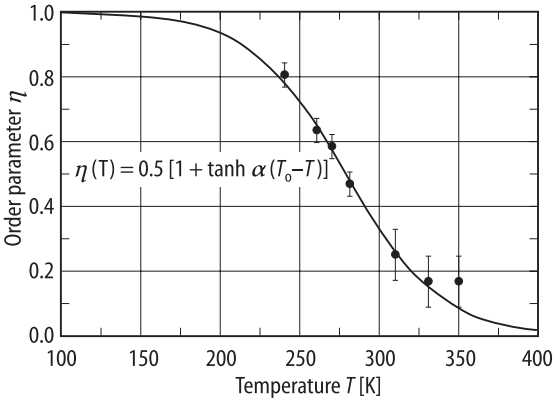

Fig. 33B-1-009. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.6). η vs. T [94Bel]. η: order parameter for the NH_4 group. Solid line is the best fit using the empirical formula $\eta(T) = 0.5\,[1 + \tanh\,\alpha\,(T_0 - T)]$.

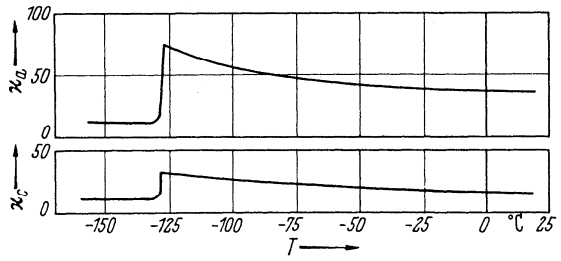

Fig. 33B-1-010. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.8). κ_a, κ_c vs. T [51Nit].

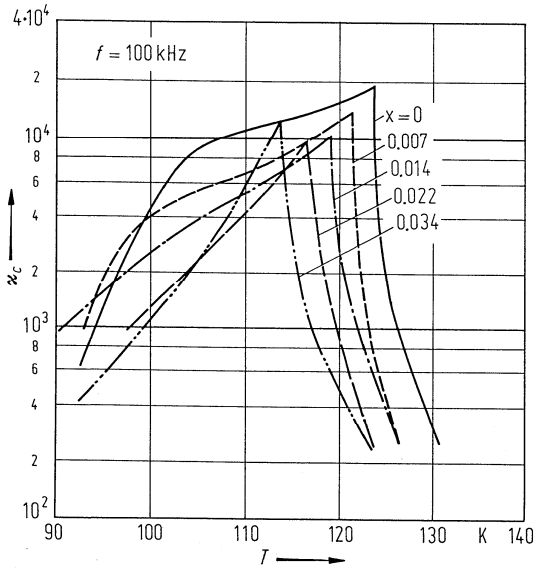

Fig. 33B-1-011. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). κ_c vs. T [83Kim]. Parameter: x.

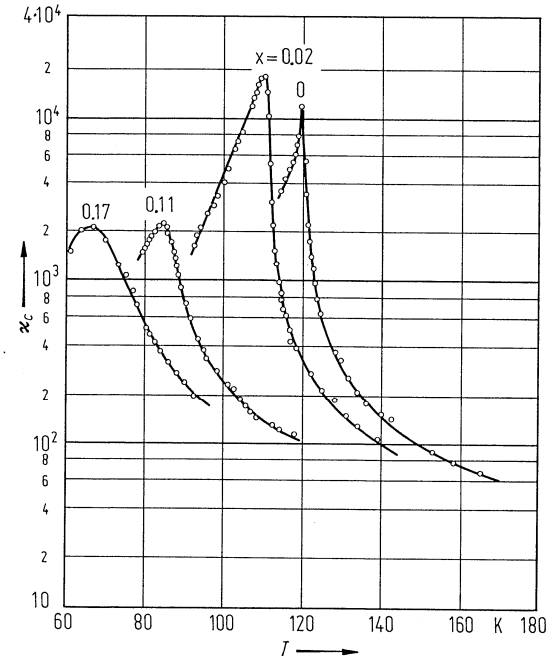

Fig. 33B-1-012. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). κ_c vs. T [87Ono]. Parameter: x. f = 30 kHz for x = 0, 0.02, 0.11; f = 100 kHz for x = 0.17.

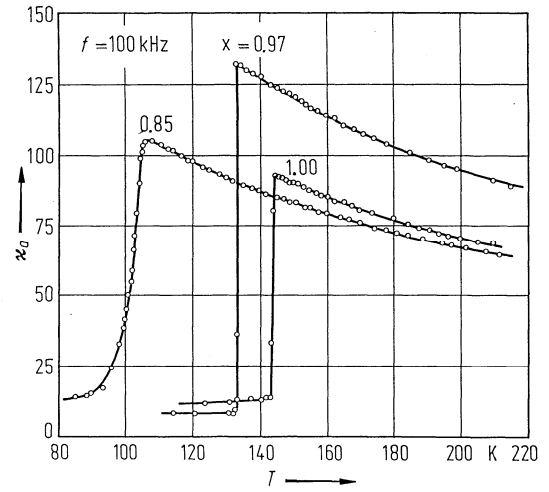

Fig. 33B-1-013. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). κ_a vs. T [87Ono]. Parameter: x.

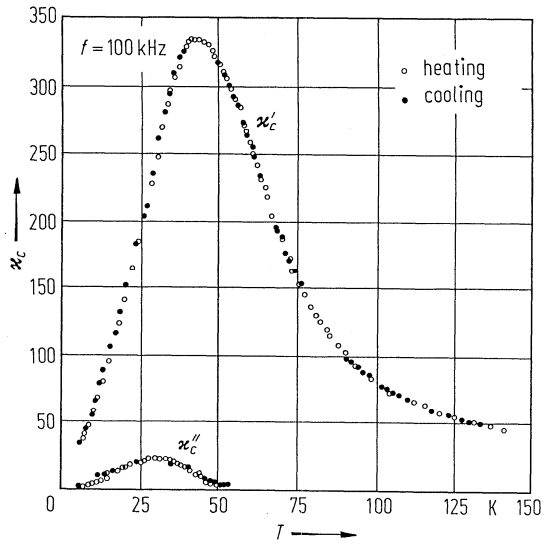

Fig. 33B-1-014. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.25). κ_c', κ_c'' vs. T [87Ono].

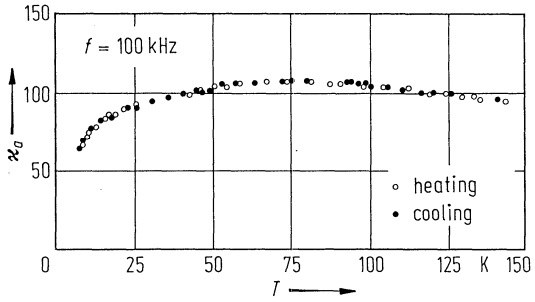

Fig. 33B-1-015. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.25). κ_a vs. T [87Ono].

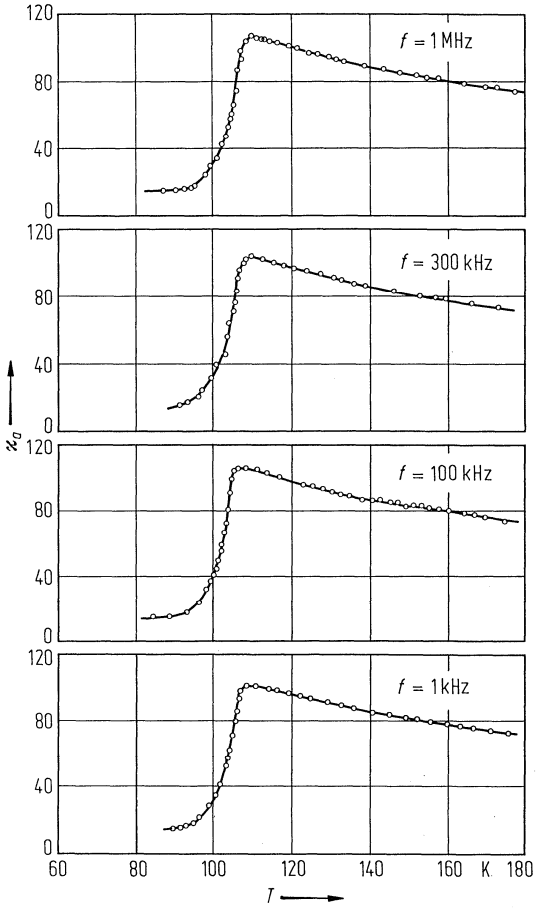

Fig. 33B-1-016. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.85). κ_a vs. T [87Ono]. Parameter: f.

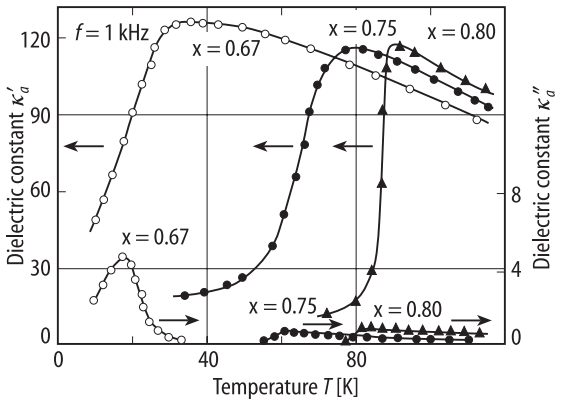

Fig. 33B-1-017. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). κ_a', κ_a'' vs. T [91Gri1]. Parameter: x.

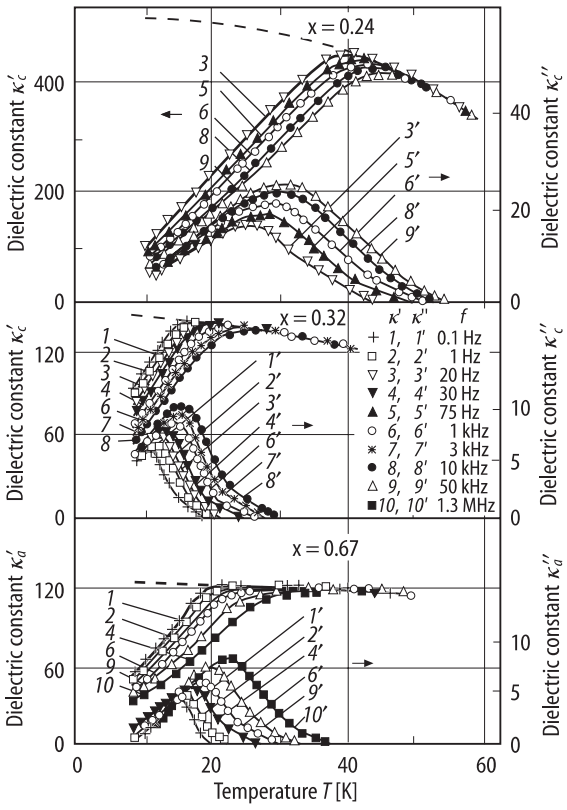

Fig. 33B-1-018. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). κ_a', κ_a'', κ_c', κ_c'' vs. T [94Gri]. Parameter: x, f.

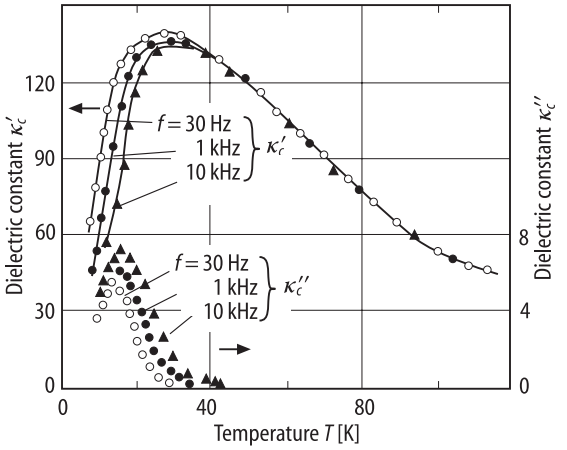

Fig. 33B-1-019. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.32). κ_c', κ_c'' vs. T [91Gri1]. Parameter: f.

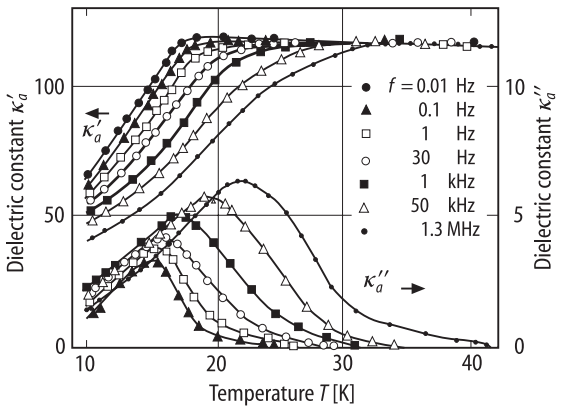

Fig. 33B-1-020. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.7). κ_a', κ_a'' vs. T [91Gri2]. Parameter: f.

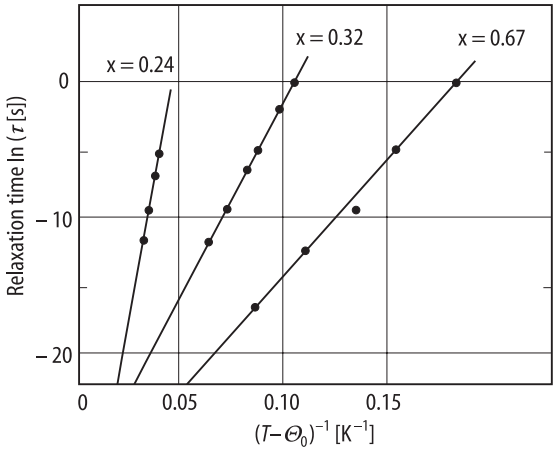

Fig. 33B-1-021. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). $\ln\tau$ vs. $(T - \Theta_0)^{-1}$ [94Gri]. Parameter: x. τ: dielectric relaxation time in s. Θ_0: characteristic temperature in Vogel-Fulcher formula, $\tau = \tau_0 \exp[U/k(T - \Theta_0)]$. $\Theta_0 = 0$ K for x = 0.24 and 0.32, whereas $\Theta_0 = 10$ K for x = 0.67.

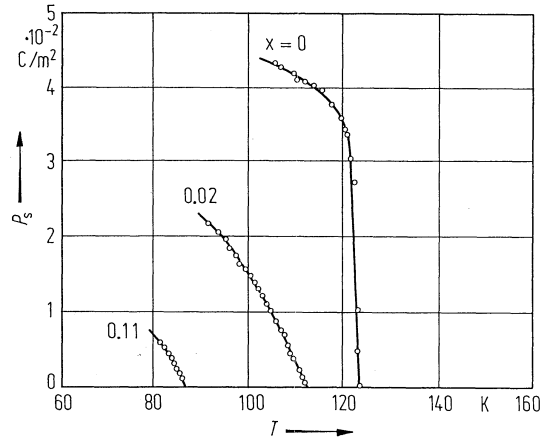

Fig. 33B-1-022. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP). P_s vs. T [87Ono]. Parameter: x.

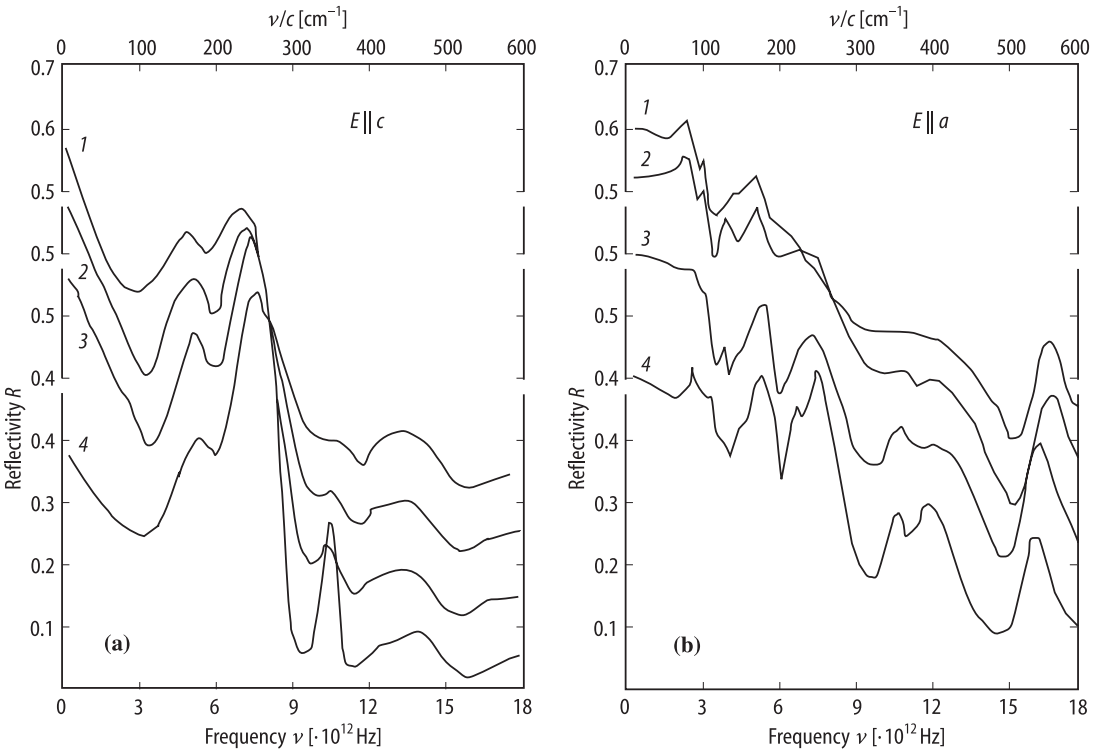

Fig. 33B-1-023. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.3). *R* vs. ν [90Wyn]. Parameter: *T*. *1*: 250 K, *2*: 150 K, *3*: 100 K, *4*: 7 K. (**a**) ***E*** ∥ ***c***, (**b**) ***E*** ∥ ***a***.

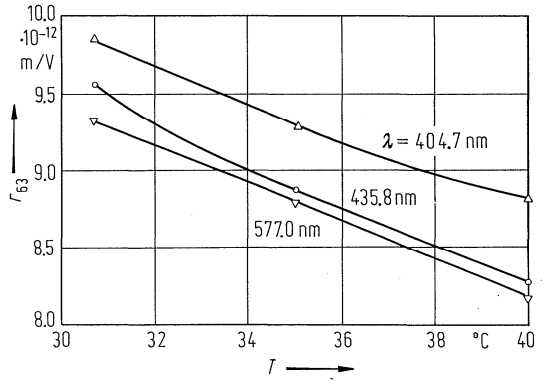

Fig. 33B-1-024. $K_{1-x}(NH_4)_xH_2PO_4$ (KDP–ADP, x = 0.01). r_{63} vs. *T* [81Var]. Parameter: λ.