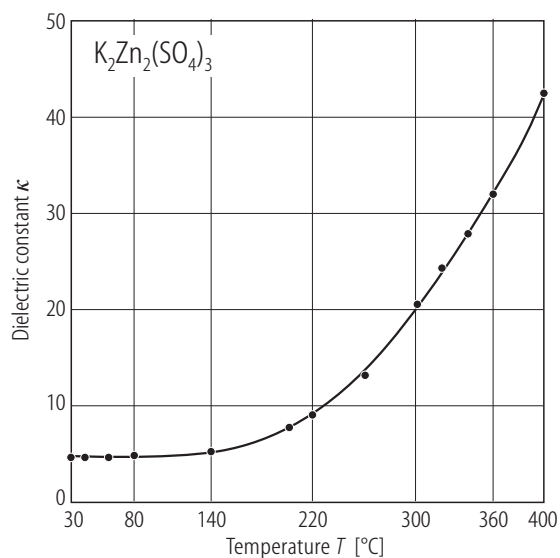
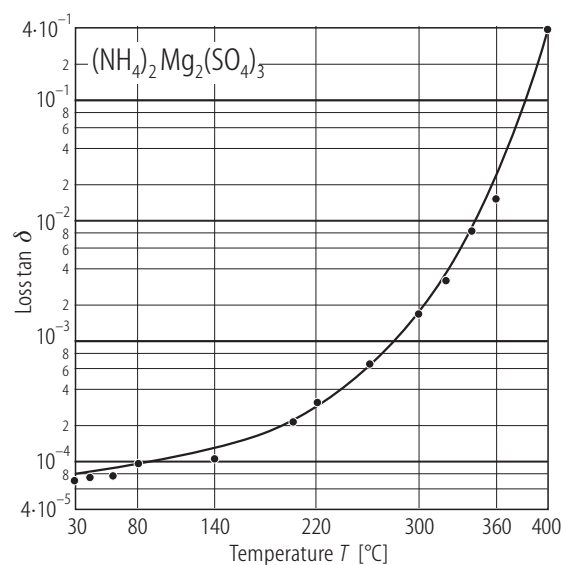
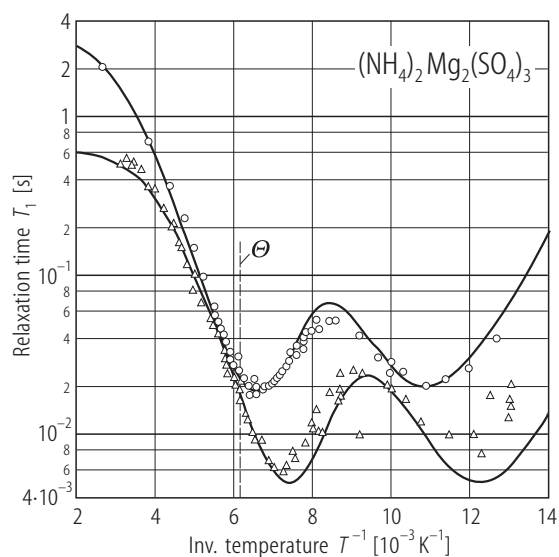


**Fig. 43A-1-001.**  $(\text{NH}_4)_2\text{Mg}_2(\text{SO}_4)_3$ .  $\Delta l/l$  vs.  $T$  [88Kah].  $\Delta l/l$ : fractional thermal expansion of polycrystalline sample. Relative to the brass dilatometer cell.



**Fig. 43A-1-002.**  $(\text{NH}_4)_2\text{Mg}_2(\text{SO}_4)_3$ ,  $\text{K}_2\text{Zn}_2(\text{SO}_4)_3$ .  $\kappa$ ,  $\tan \delta$  vs.  $T$  [82Dev]. Sample: compressed powder pellets.



**Fig. 43A-1-003.**  $(\text{NH}_4)_2\text{Mg}_2(\text{SO}_4)_3$ .  $T_1$  vs.  $T^{-1}$  [95Cam].  $T_1$ : proton spin-lattice relaxation time. Open circle:  $\nu_L = 42.16 \text{ MHz}$ ; open triangle:  $\nu_L = 10.95 \text{ MHz}$ .