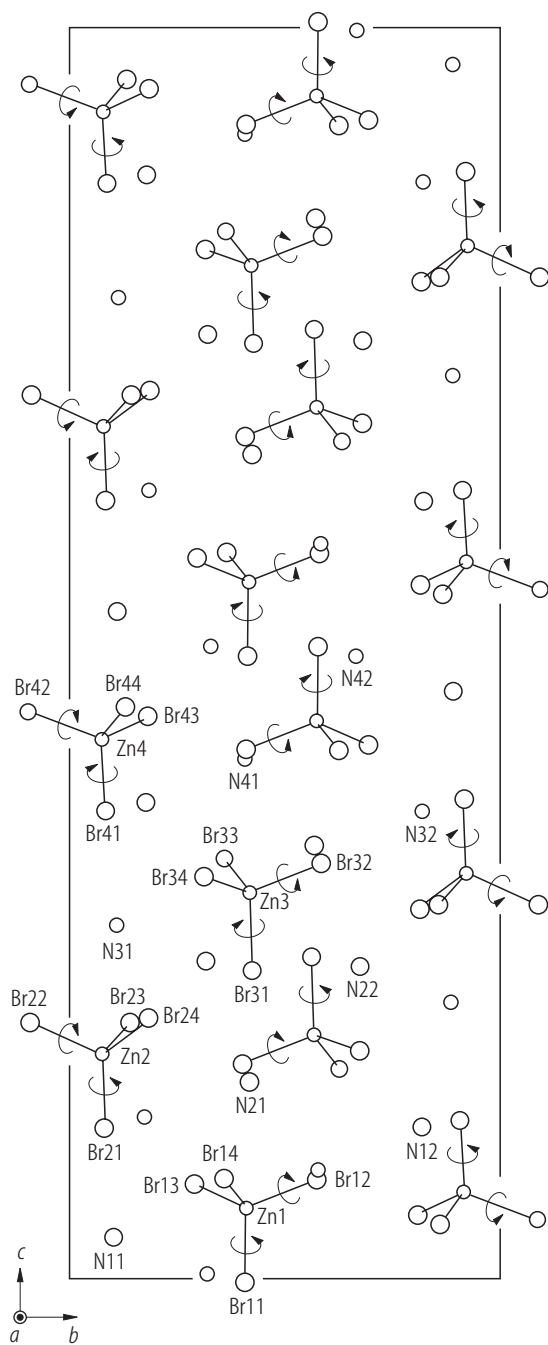
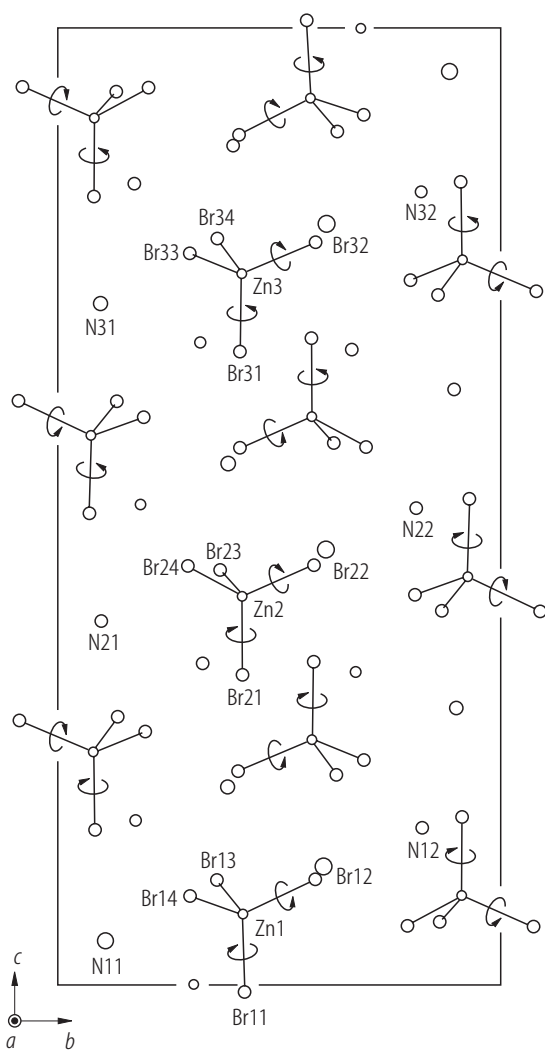


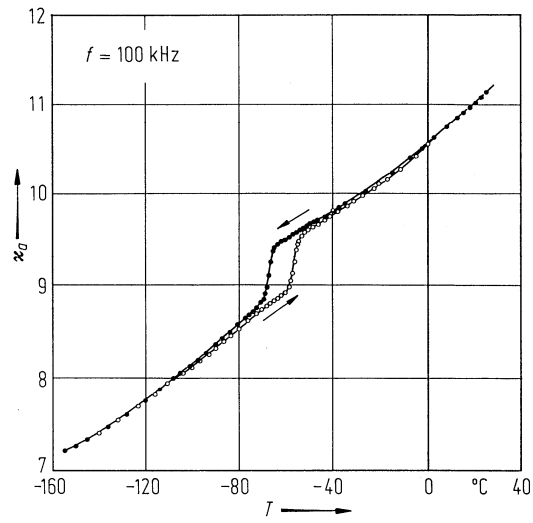
**Fig. 39A-18-001.**  $(\text{NH}_4)_2\text{ZnBr}_4$ . Crystal structure of phase I at 175 °C [93Shi]. Br atoms occupy two positions related by mirror reflection with equal probability (solid and broken lines).



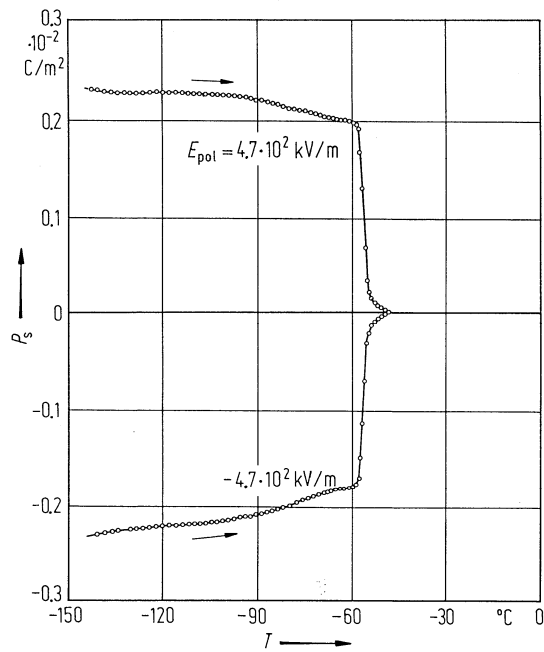
**Fig. 39A-18-002.**  $(\text{NH}_4)_2\text{ZnBr}_4$ . Crystal structure of phase III at 25 °C [93Shi]. The arrows indicate the rotating directions of  $\text{ZnBr}_4$  tetrahedra about the axes parallel to the  $b$  and  $c$  axes.



**Fig. 39A-18-003.** (NH<sub>4</sub>)<sub>2</sub>ZnBr<sub>4</sub>. Crystal structure of phase IV at -130 °C [93Shi]. The arrows indicate the rotating directions of ZnBr<sub>4</sub> tetrahedra about the axes parallel to the *b* and *c* axes.



**Fig. 39A-18-004.** (NH<sub>4</sub>)<sub>2</sub>ZnBr<sub>4</sub>.  $\kappa_0$  vs.  $T$  [82Osa].  $f = 100$  kHz.



**Fig. 39A-18-005.** (NH<sub>4</sub>)<sub>2</sub>ZnBr<sub>4</sub>.  $P_s$  vs.  $T$  [82Osa]. Obtained from pyroelectric charge measurements.  $E_{pol}$ : poling field.

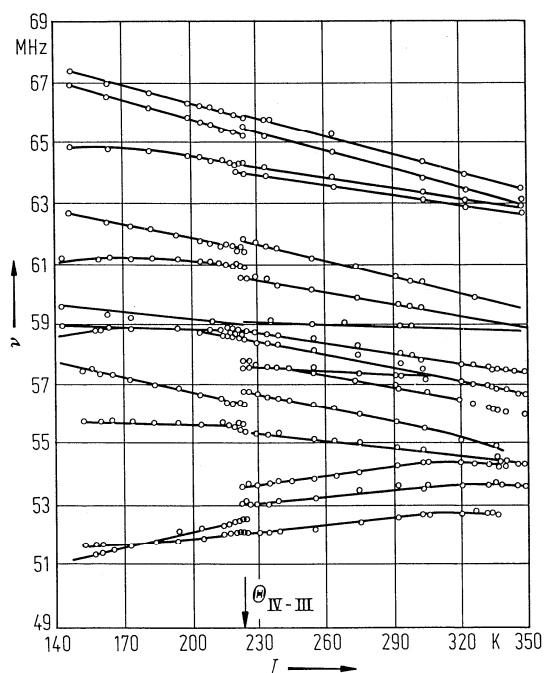


Fig. 39A-18-006.  $(\text{NH}_4)_2\text{ZnBr}_4$ .  $\nu$  vs.  $T$  [82Mos].  $\nu$ : nuclear quadrupole resonance frequency of  $^{81}\text{Br}$ .

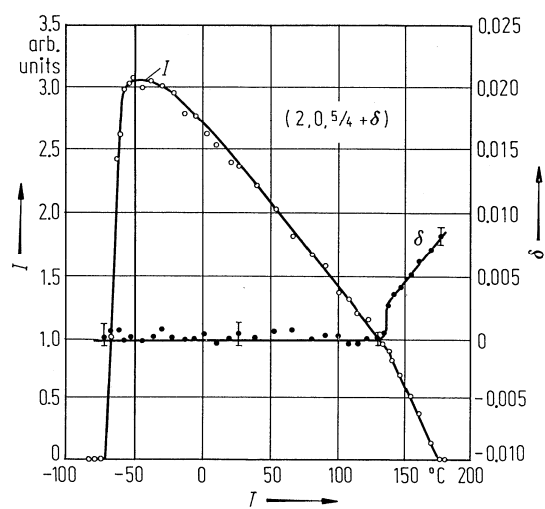


Fig. 39A-18-007.  $(\text{NH}_4)_2\text{ZnBr}_4$ .  $I$ ,  $\delta$  vs.  $T$  [83Sat].  $I$ : integrated intensity of X-ray diffraction peak at  $(2, 0, 5/4 + \delta)$  in reciprocal space.