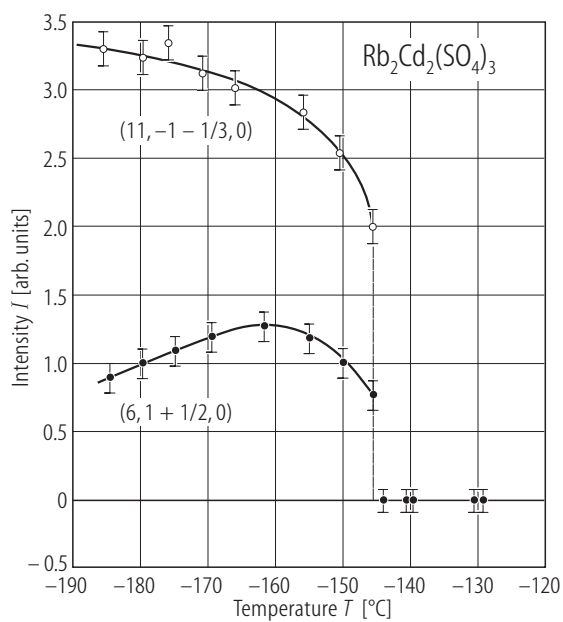
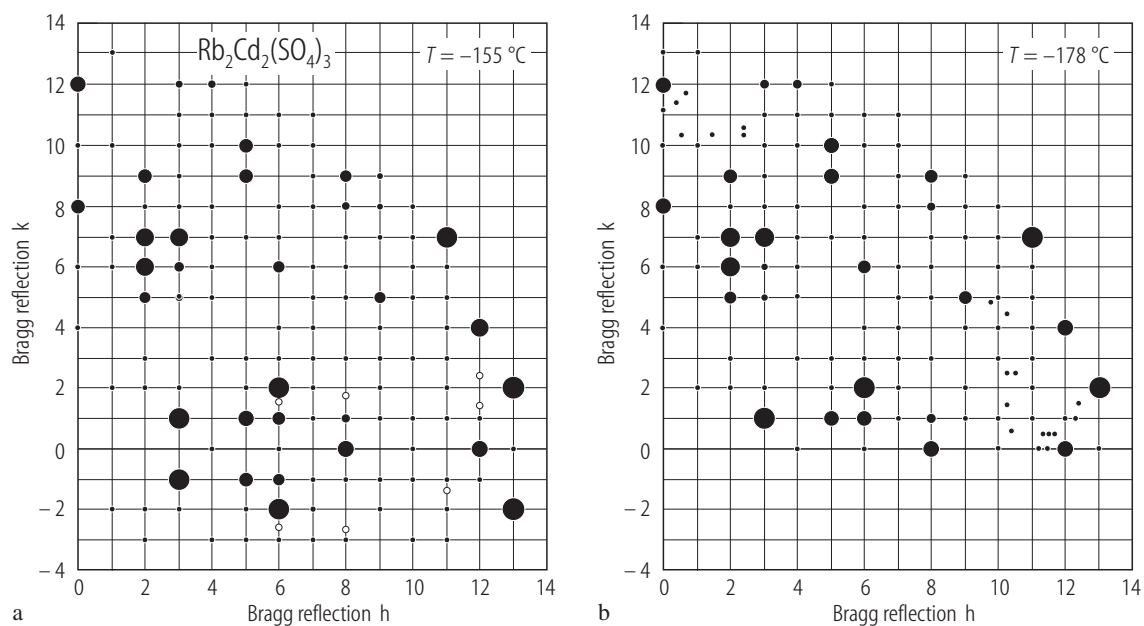


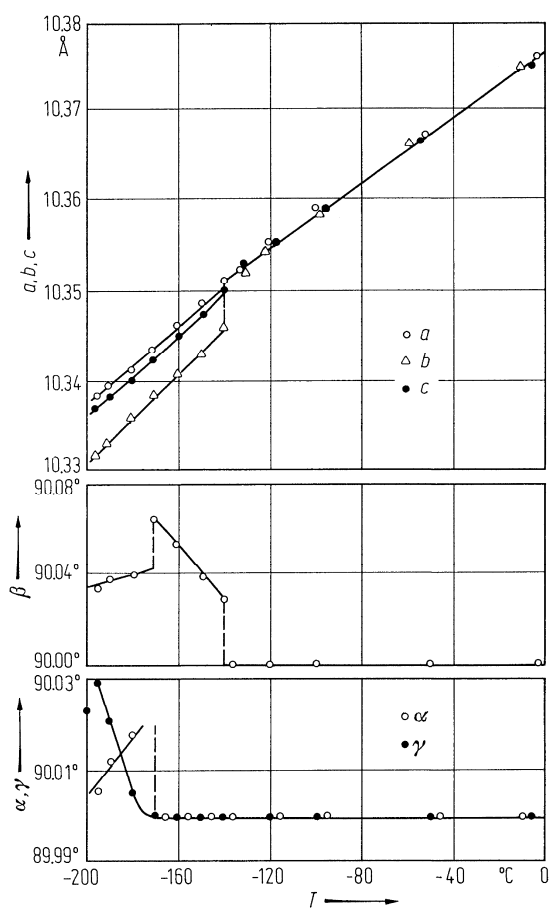
**Fig. 43A-14-001.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ ,  $\text{Tl}_2\text{Cd}_2(\text{SO}_4)_3$ .  $A$  vs.  $T$  [78Bre].  $A$ : solubility in 100g of water. Curve 1: 50 mol%  $\text{Rb}_2\text{SO}_4$  + 50 mol%  $\text{CdSO}_4$  (pH = 1.8); curve 2: 25 mol%  $\text{Tl}_2\text{SO}_4$  + 75 mol%  $\text{CdSO}_4$  (pH = 0.8).



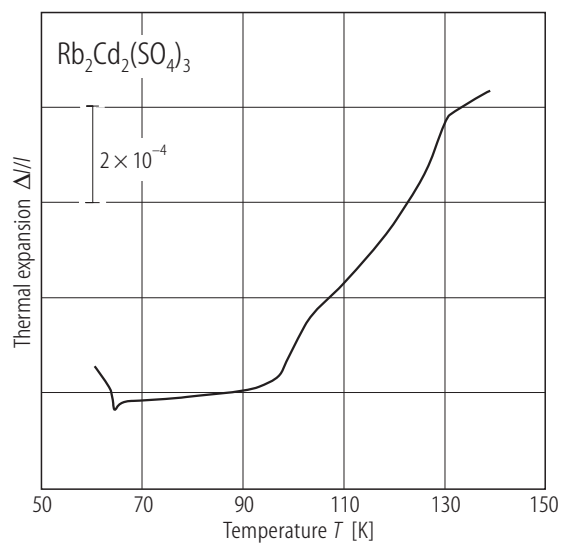
**Fig. 43A-14-002.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $T$  [77Yam].  $I$ : integrated intensity of superlattice reflection.



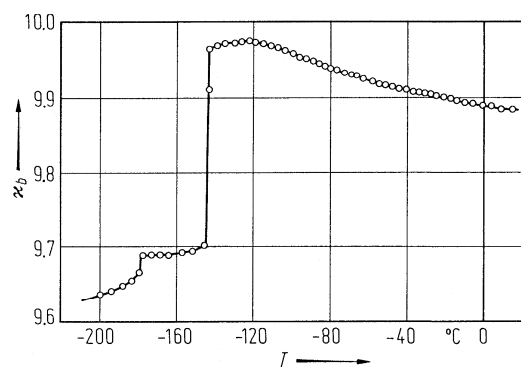
**Fig. 43A-14-003.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ . Observed Bragg reflections with index  $l = 0$  including superlattice reflections. (a)  $-155^\circ\text{C}$ , (b)  $-178^\circ\text{C}$  [77Yam].



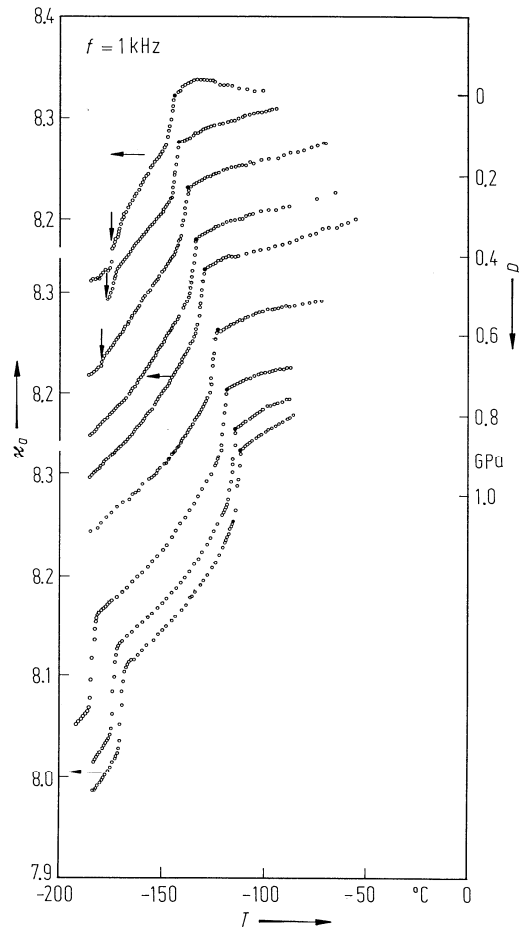
**Fig. 43A-14-004.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ . Unit cell parameters vs.  $T$  [77Yam].



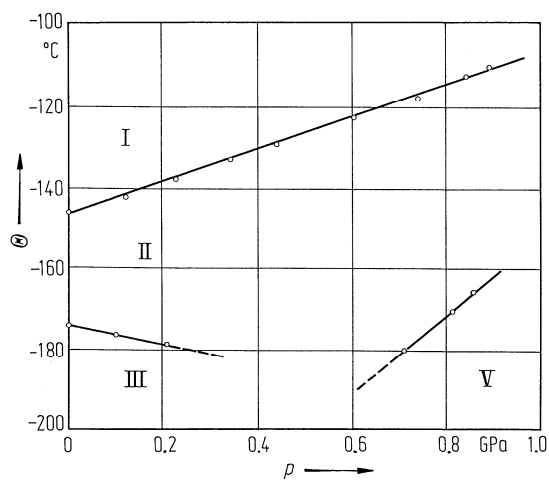
**Fig. 43A-14-005.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $\Delta l/l$  vs.  $T$  [88Kah].  $\Delta l/l$ : linear thermal expansion along the  $\langle 111 \rangle$  axis. Relative to the brass dilatometer cell.



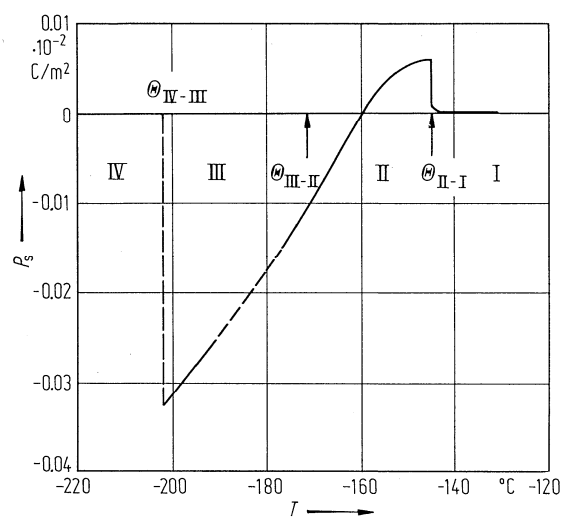
**Fig. 43A-14-006.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $\kappa_b$  vs.  $T$  [79Yam].  $f = 1$  kHz.



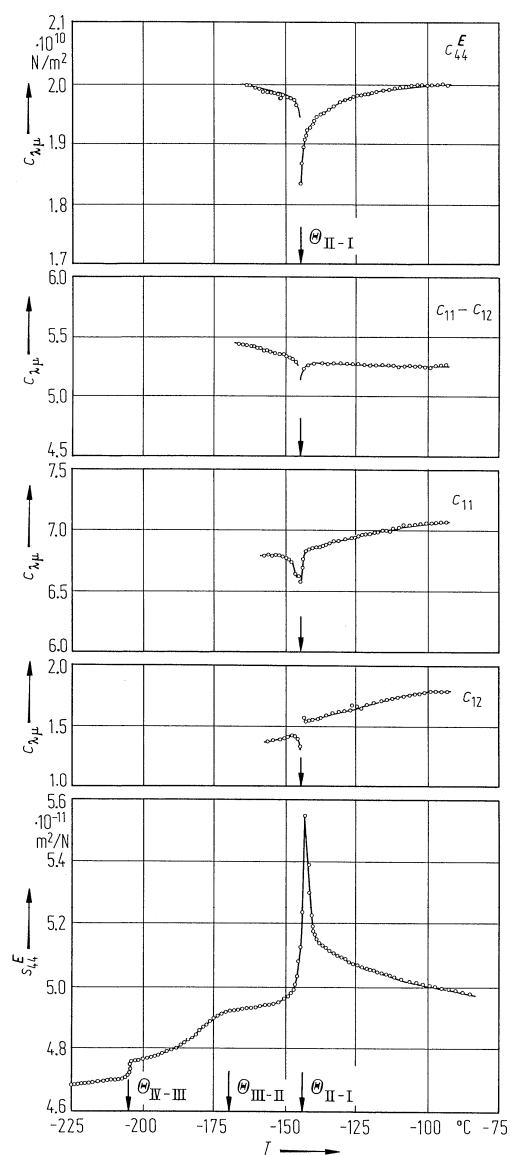
**Fig. 43A-14-007.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $\kappa_a$  vs.  $T$  [80Hik]. Parameter:  $p$ . The pressure  $p$  at the II-I transition indicated by a full circle can be read from the right-hand scale. Vertical arrows show anomalies at the III-II transitions.



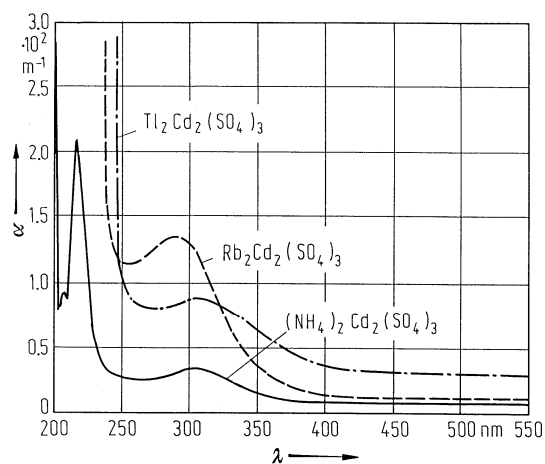
**Fig. 43A-14-008.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $\Theta$  vs.  $p$  [80Hik].



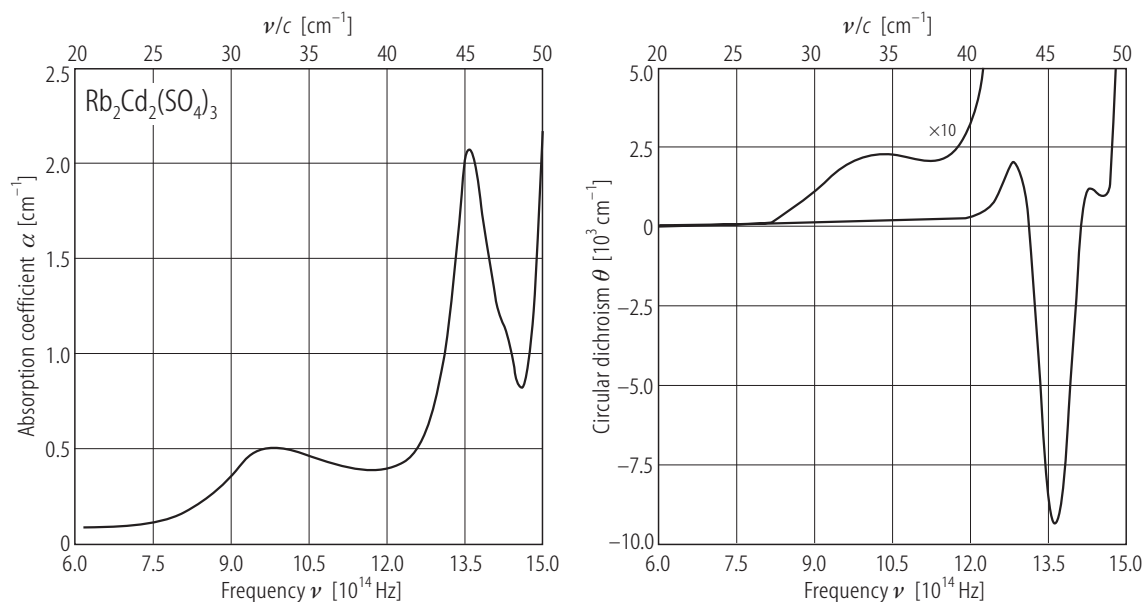
**Fig. 43A-14-009.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $P_s$  vs.  $T$  [80Yam].



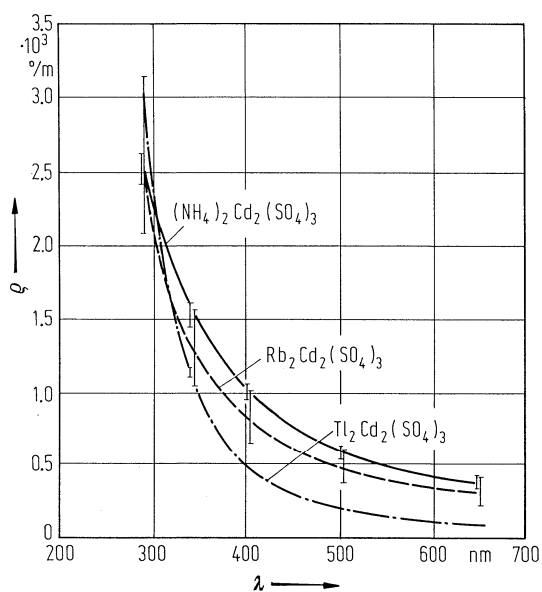
**Fig. 43A-14-010.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $c_{\lambda\mu}$  and  $s_{44}^E$  vs.  $T$  [80Mae].  $f = 10 \text{ MHz}$ .



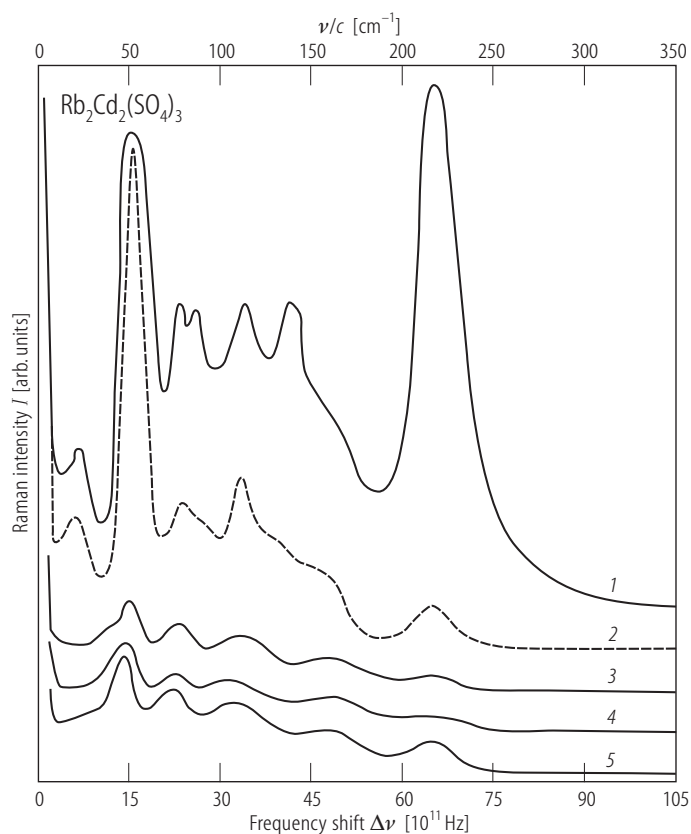
**Fig. 43A-14-011.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ ,  $\text{Tl}_2\text{Cd}_2(\text{SO}_4)_3$ ,  $(\text{NH}_4)_2\text{Cd}_2(\text{SO}_4)_3$ .  $\alpha$  vs.  $\lambda$  [83Bat].  $\alpha$ : optical absorption coefficient.



**Fig. 43A-14-012.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $\alpha$ ,  $\theta$  vs.  $\nu$  [87Bat].  $\alpha$ : optical absorption coefficient.  $\theta$ : circular dichroism.

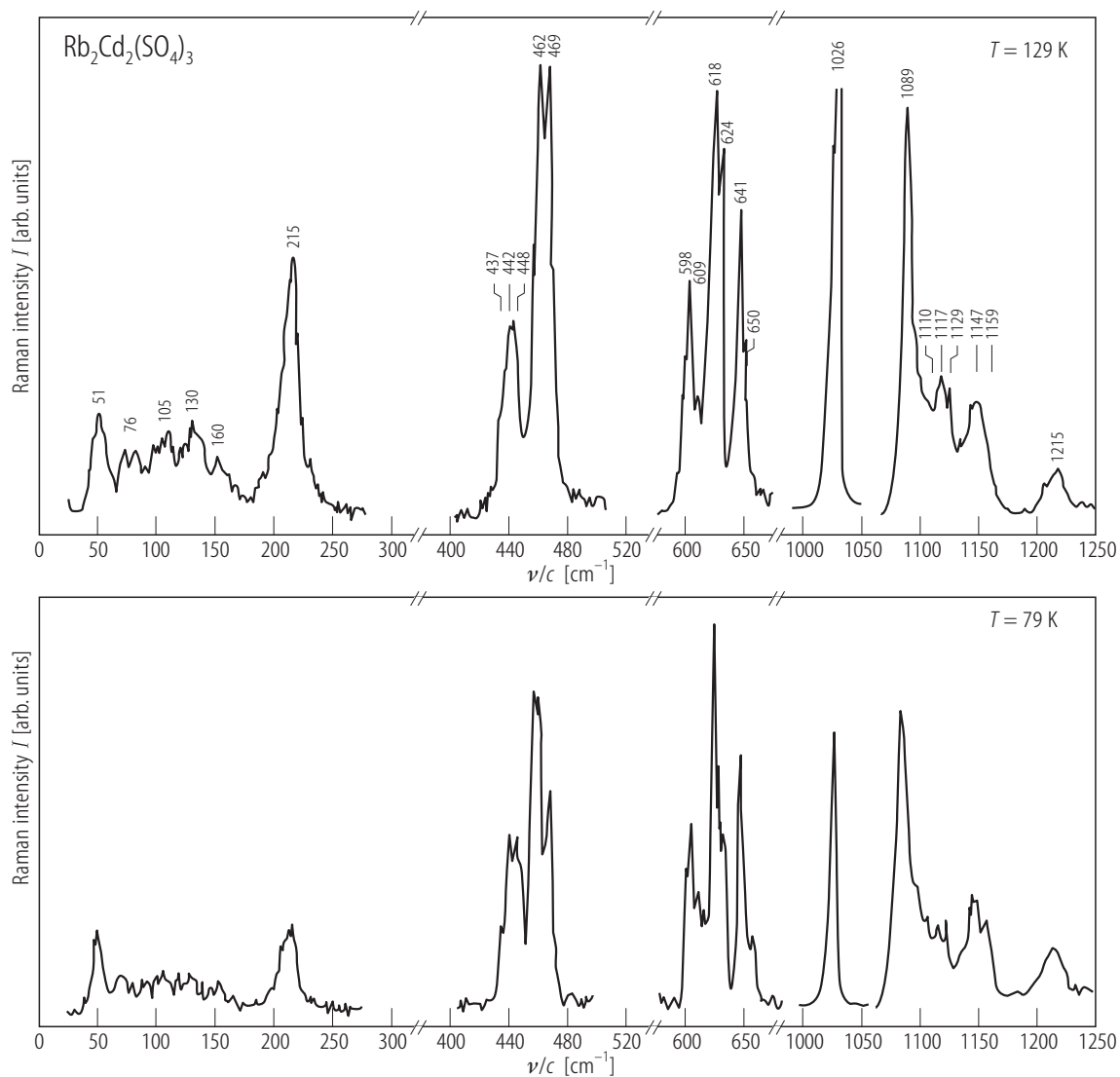


**Fig. 43A-14-013.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ ,  $\text{Tl}_2\text{Cd}_2(\text{SO}_4)_3$ ,  $(\text{NH}_4)_2\text{Cd}_2(\text{SO}_4)_3$ .  $\rho$  vs.  $\lambda$  [83Bat].  $\rho$ : optical rotatory power.

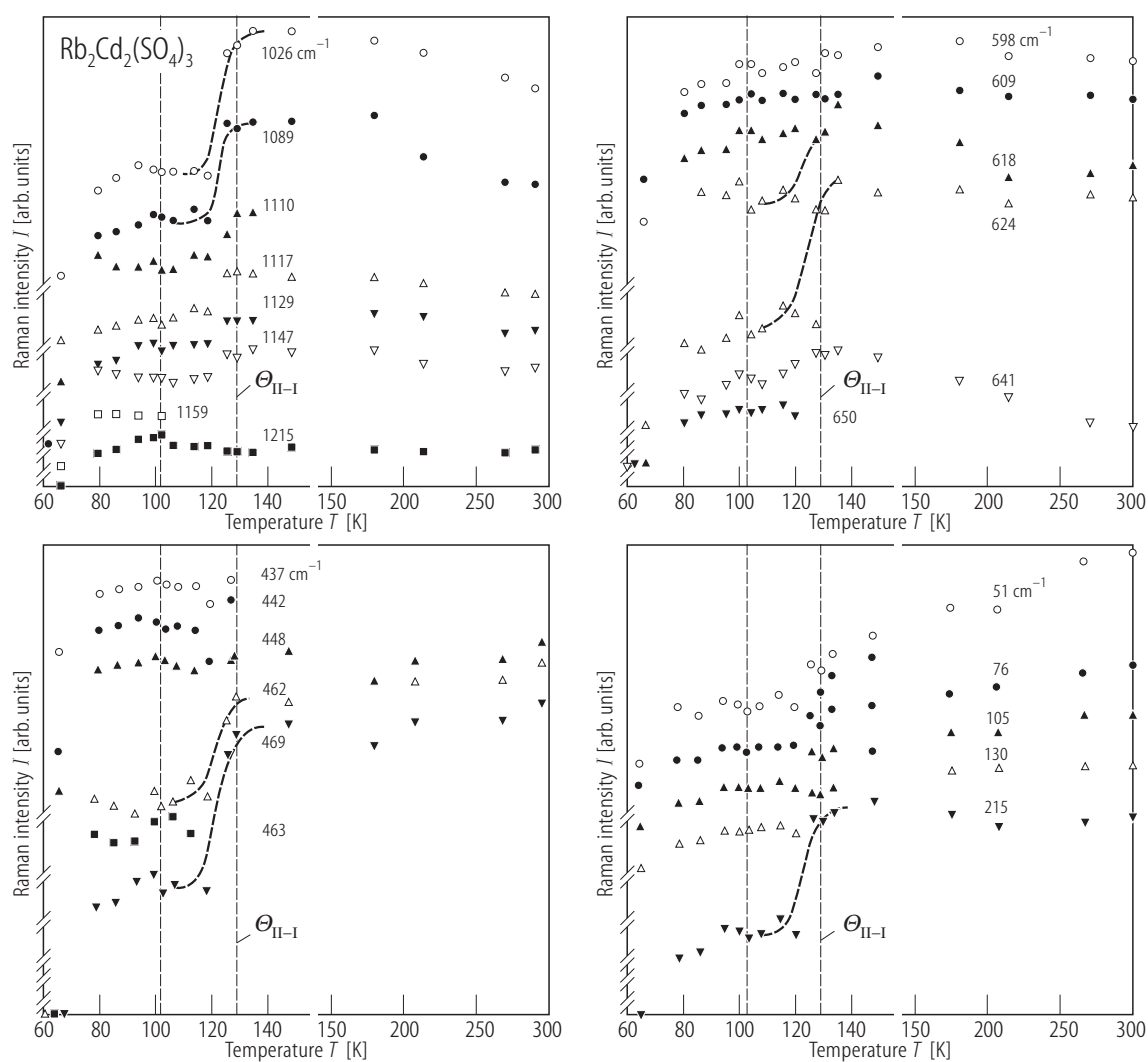


**Fig. 43A-14-014.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $\Delta\nu$  [83Lat].  $I$ : Raman intensity. Geometry: 1:  $Z(\text{XX})Y$ ; 2:  $Z(Y'Z')Y'$ ; 3:  $Z(\text{YZ})X$ ; 4:  $Z(\text{XZ})Y$ ; 5:  $Z(\text{YX})Y$ .  $X'$  and  $Y'$  are  $[110]$  and  $[\bar{1}10]$  axes, respectively.

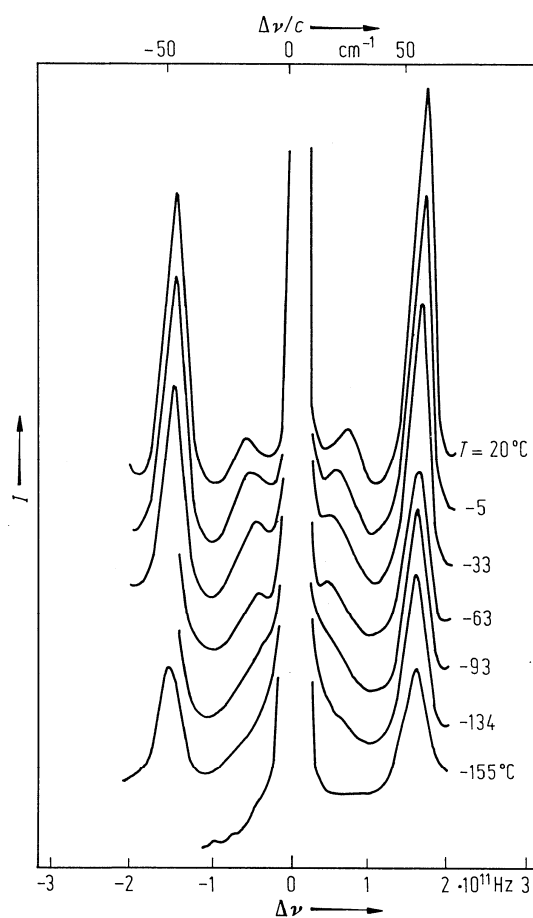




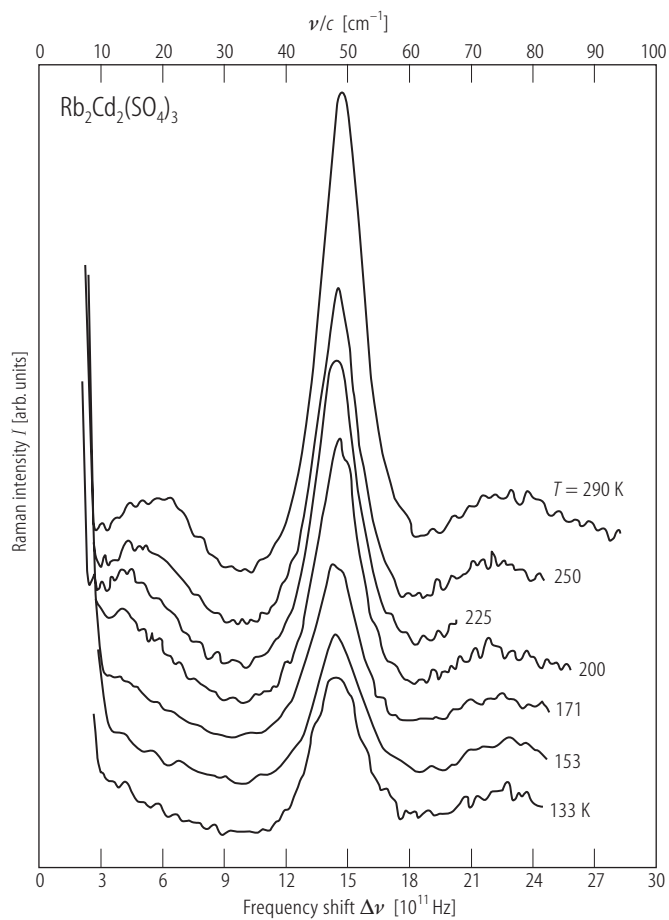
**Fig. 43A-14-015.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $\nu/c$  [84Hir].  $I$ : Raman intensity. Geometry:  $Z(X, 0)Y$ . 0: non polarized. Parameter:  $T$ .



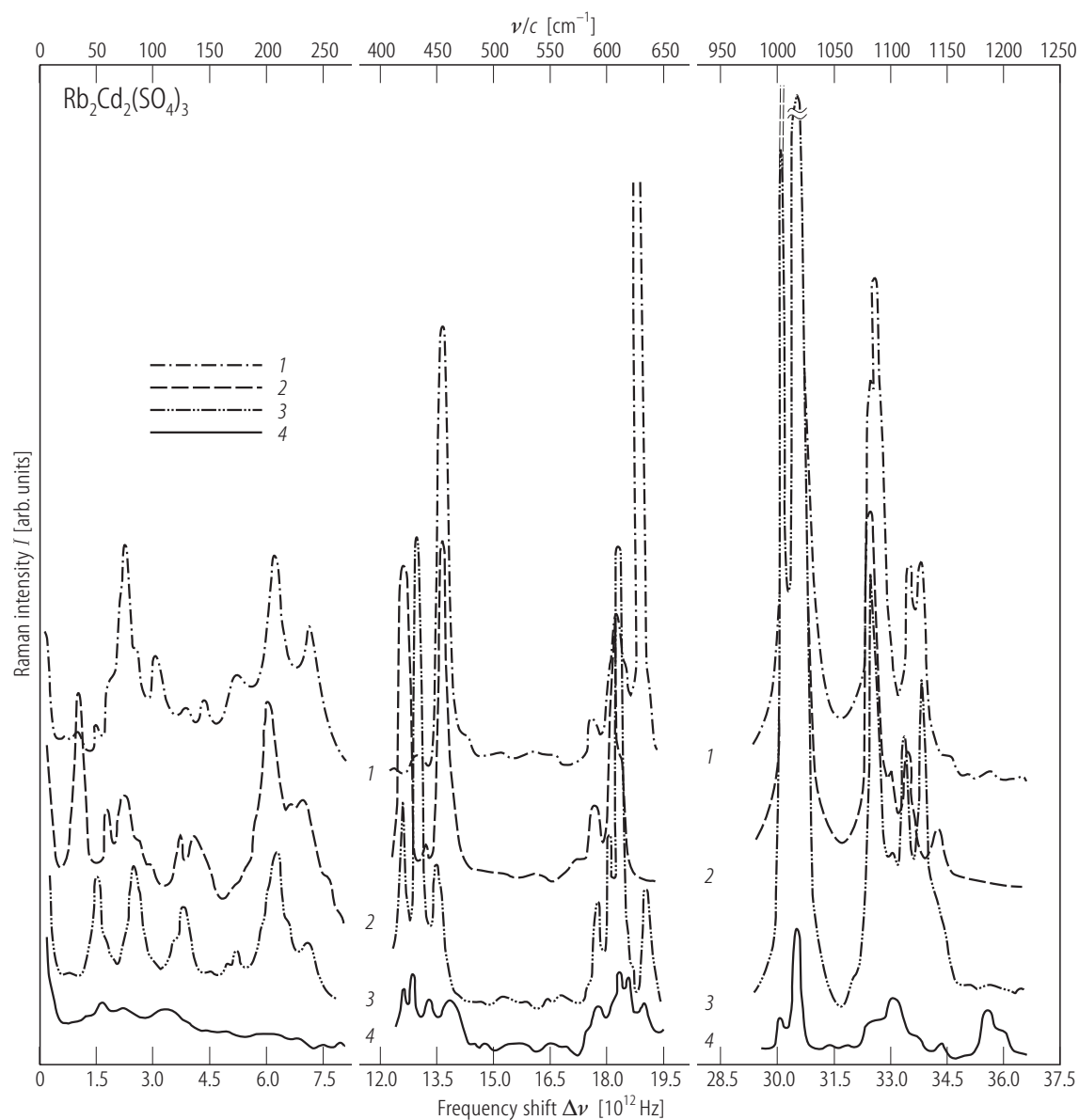
**Fig. 43A-14-016.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $T$  [84Hir].  $I$ : Raman intensity. Parameter: positions of Raman lines [ $\text{cm}^{-1}$ ].



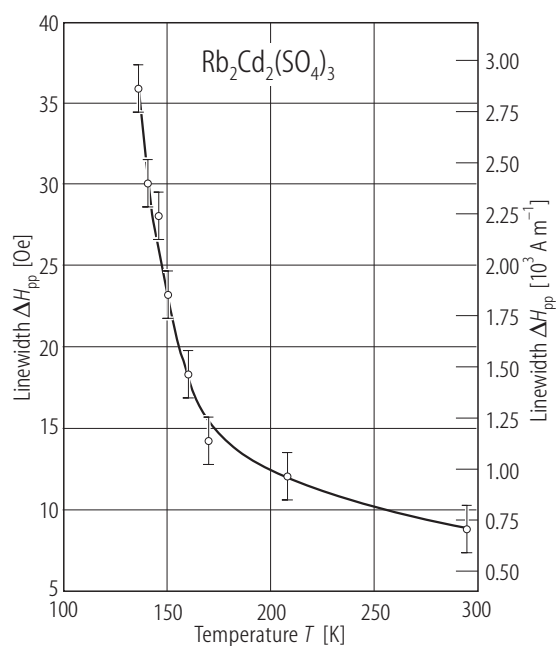
**Fig. 43A-14-017.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $\Delta\nu$  [84Lat].  $I$ : Raman scattering intensity. Scattering geometry:  $Z(Y'X')Y'$ .  $X', Y' \parallel \langle 110 \rangle$ . Parameter:  $T$ .



**Fig. 43A-14-018.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $\Delta\nu$  [81Gal].  $I$ : Raman intensity. Scattering geometry:  $Y(X'Y')Y'$ .  $XYZ$ : crystallographic axes.  $X'Y'Z'$ : coordinate system rotated by  $45^\circ$  in the  $XY$  plane. Parameter:  $T$ .



**Fig. 43A-14-019.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3$ .  $I$  vs.  $\Delta\nu$  [92Lat].  $I$ : Raman intensity. Geometries: 1:  $Y(XX)Z$ ; 2:  $X(YY)Z$ ; 3:  $Y(ZZ)X$ ; 4:  $X(ZX)Y$ .



**Fig. 43A-14-020.**  $\text{Rb}_2\text{Cd}_2(\text{SO}_4)_3:\text{Mn}^{2+}$ .  $\Delta H_{pp}$  vs.  $T$  [87Mis].  $\Delta H_{pp}$ : the average peak-to-peak linewidth of the four highest hyperfine lines for  $H \parallel z$ .