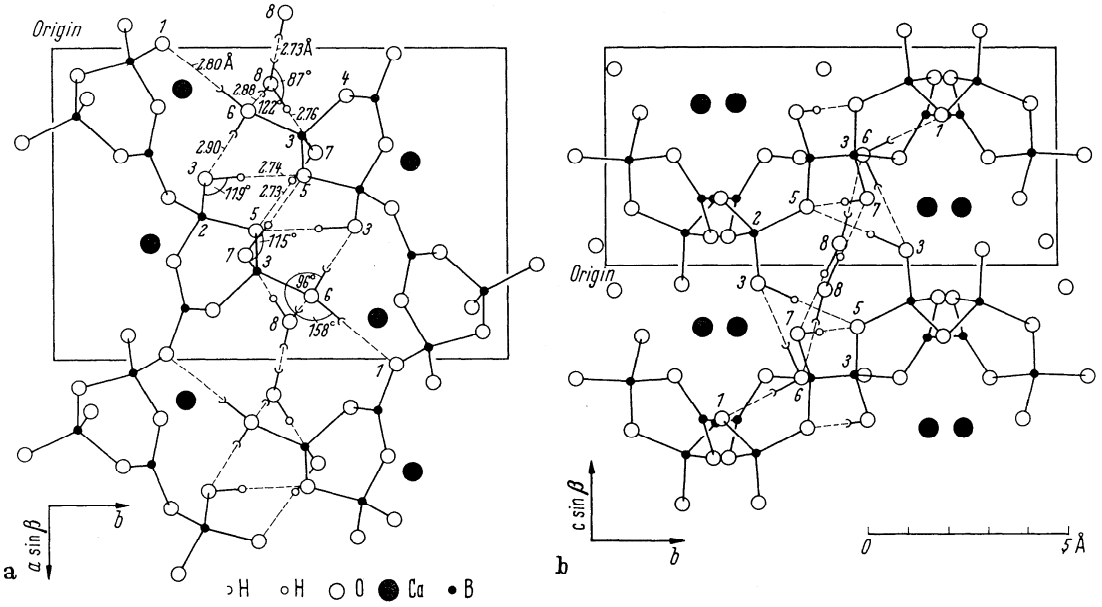

Fig. 47A-1-001. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). Crystal structure of phase I [58Chr]. (**a**): projection on (001). (**b**): projection on (100). The dashed lines indicate the postulated hydrogen bonds. The smallest open circles indicate the probable positions of the hydrogen atoms, with a whole circle designating a site occupied always by a hydrogen atom, and a half-circle designating a site occupied half the time by a hydrogen atom. The numbers for oxygen and boron atoms correspond to those given in Table 47A-1-002.

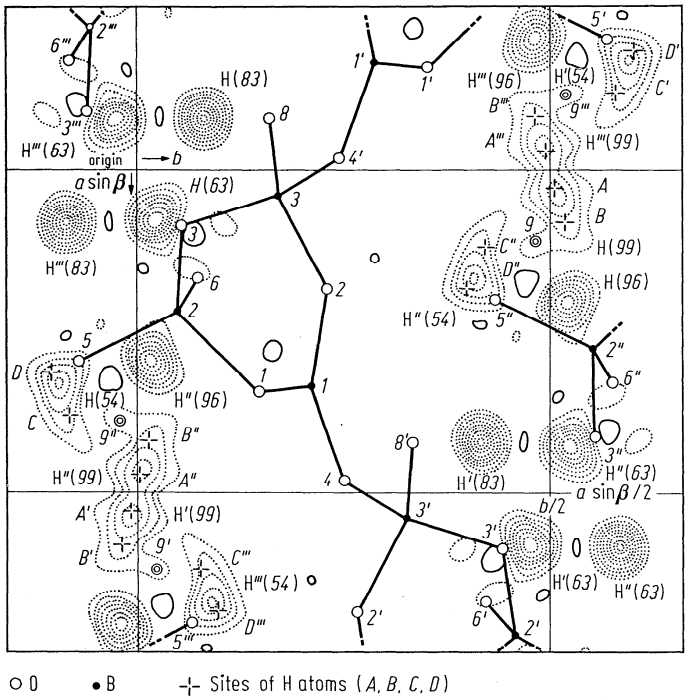

Fig. 47A-1-002. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). Crystal structure of phase I [66Hai]. T = 23 °C. Fourier projection onto (001). A, B, C, D, ...: sites of H atoms. See Table 47A-1-001, Table 47A-1-002, Table 47A-1-003, Table 47A-1-004.

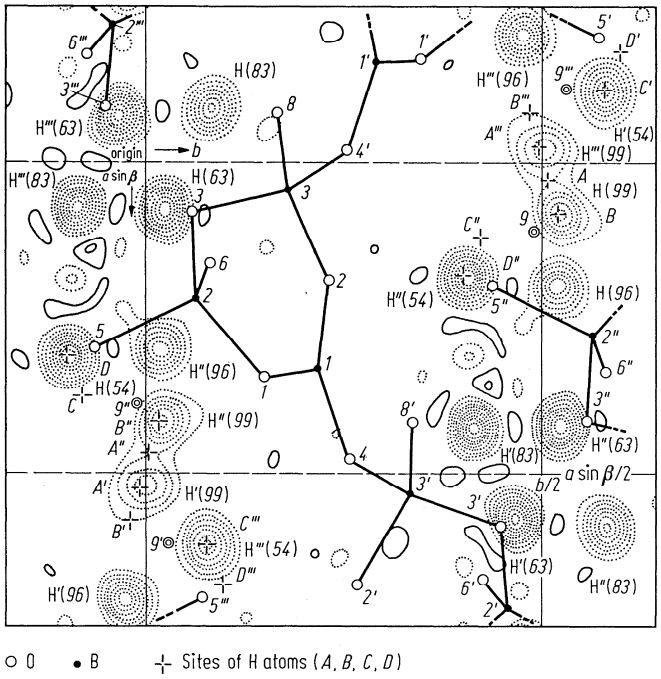

Fig. 47A-1-003. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). Crystal structure of phase II [66Hai]. T = –20 °C. Fourier projection onto (001). A, B, C, D, ...: sites of H atoms.

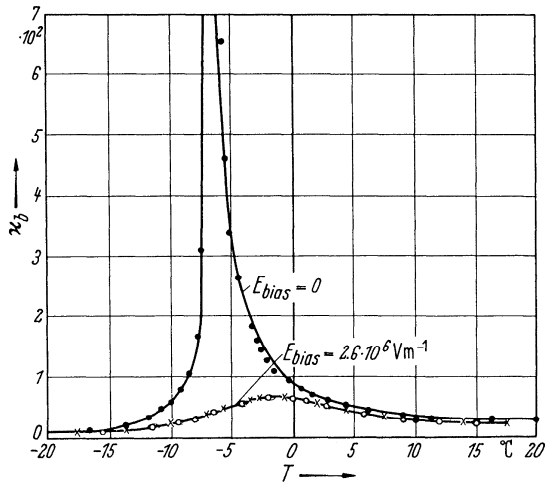

Fig. 47A-1-004. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). κ_b vs. T [59Wie]. Parameter: E_{bias}.

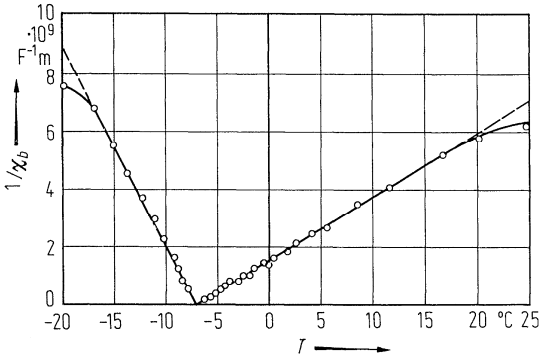

Fig. 47A-1-005. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). $1/\chi_b$ vs. T [59Wie]. χ_b: dielectric susceptibility along the b axis.

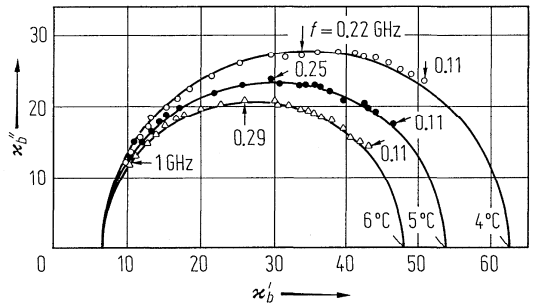

Fig. 47A-1-006. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). Cole-Cole plot of the complex dielectric constant above Θ_{II-I} [73Bro]. Parameter: T. $\Theta_{II-I} \approx -3$ °C.

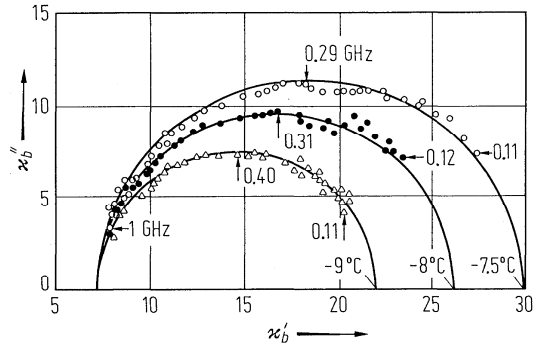

Fig. 47A-1-007. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). Cole-Cole plot of the complex dielectric constant below Θ_{II-I} [73Bro]. Parameter: T. $\Theta_{II-I} \approx -3$ °C.

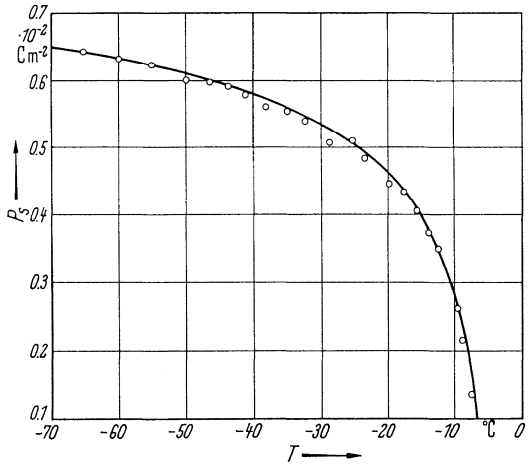

Fig. 47A-1-008. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). P_s vs. T [59Wie].

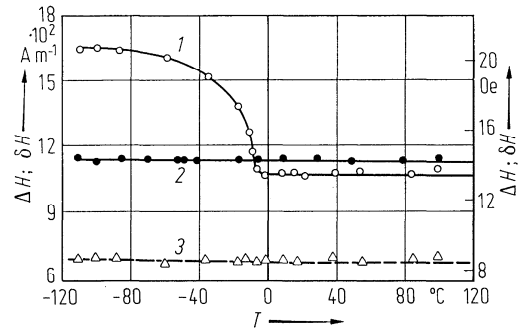

Fig. 47A-1-009. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). δH, ΔH vs. T [69Zav]. δH: maximum doublet splitting, curve *1* along one of the possible directions of the P–P (proton-proton) vectors, curve *2* along the bisector of the P–P vectors; ΔH: curve *3*, half width of the central component.

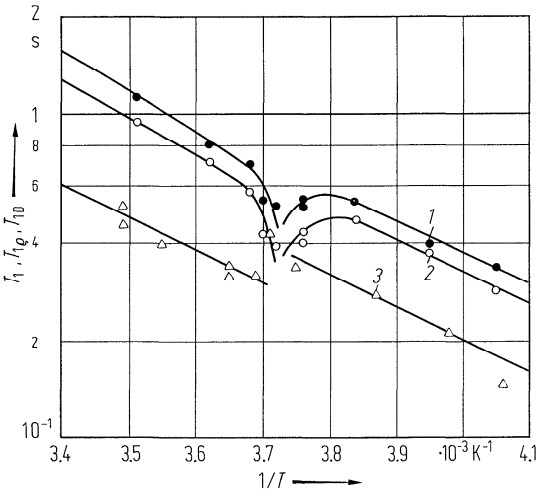

Fig. 47A-1-010. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). T_1, $T_{1\rho}$, T_{1D} vs. T^{-1} [73Wat]. Curve *1*: T_1, proton spin-lattice relaxation time: $\nu = 30$ MHz; *2*: $T_{1\rho}$, proton spin-lattice relaxation time in the rotating frame: $H_1 = 0.795 \cdot 10^3$ A m^{-1}; *3*: T_{1D}, proton dipolar spin-lattice relaxation time.

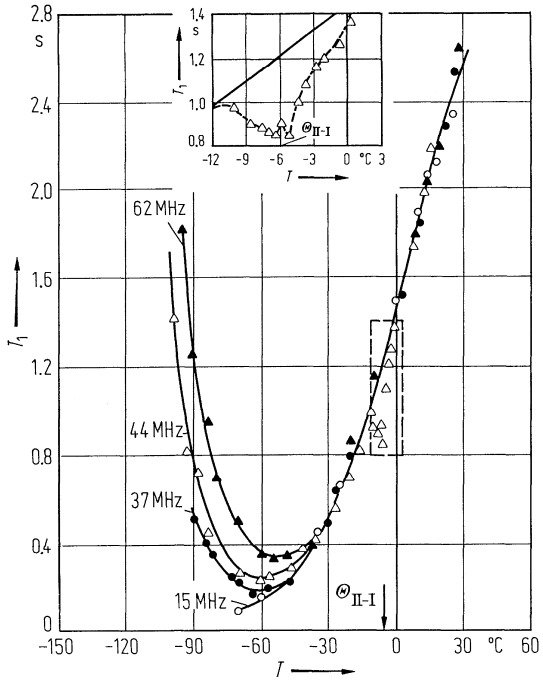

Fig. 47A-1-011. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). T_1 vs. T [74Bro]. Parameter: ν_H. T_1: Proton spin-lattice relaxation time. ν_H: frequency of ac magnetic field.

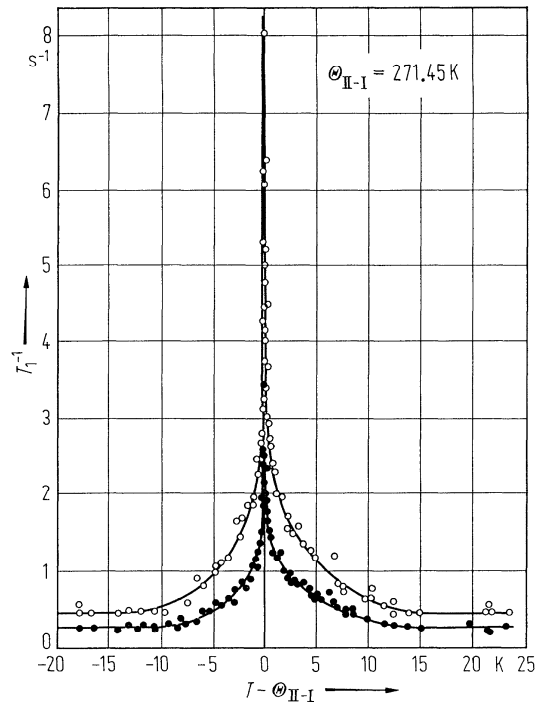

Fig. 47A-1-012. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). T_1^{-1} vs. $T - \Theta_{II-I}$ [76The]. T_1^{-1}: Reciprocal spin-lattice relaxation time of ^{11}B. Full circles: Boron in tetrahedral sites; open circles: in triangular sites.

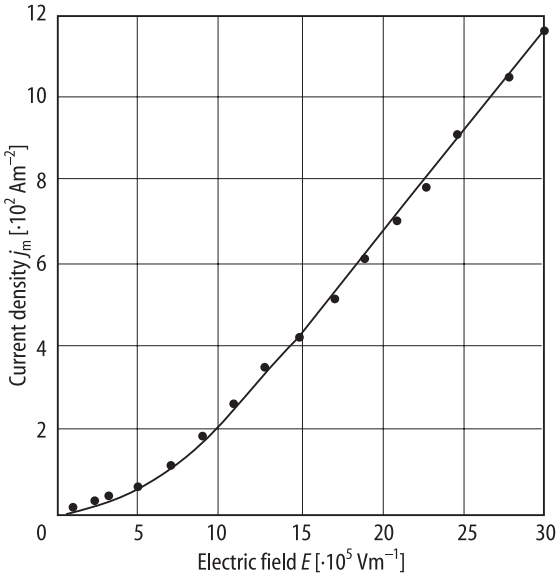

Fig. 47A-1-013. $Ca_2B_6O_{11} \cdot 5H_2O$ (colemanite). j_m vs. E at –37.5 °C [60Wie]. j_m: maximum switching current density.