

Fig. 27A-2-001. $\text{H}_{1-x}\text{D}_x\text{Br}$. Θ vs. x [46Clu].

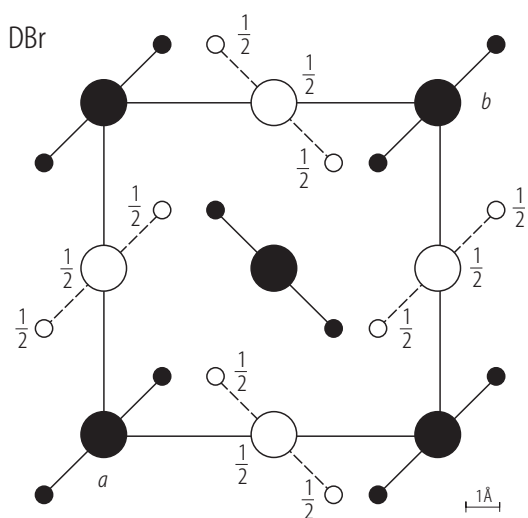


Fig. 27A-2-002. DBr. Crystal structure of phase III projected on (001) [68San]. $T = 107$ K.

HBr

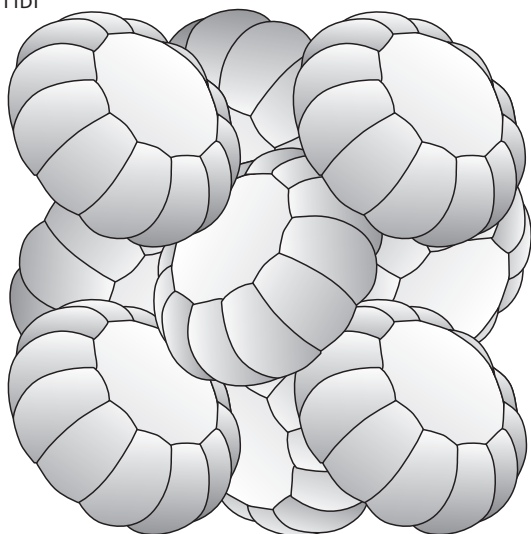


Fig. 27A-2-003. HBr. Crystal structure of phase II [88Coc]. van der Waals' radii are shown for Br and disordered H atoms.

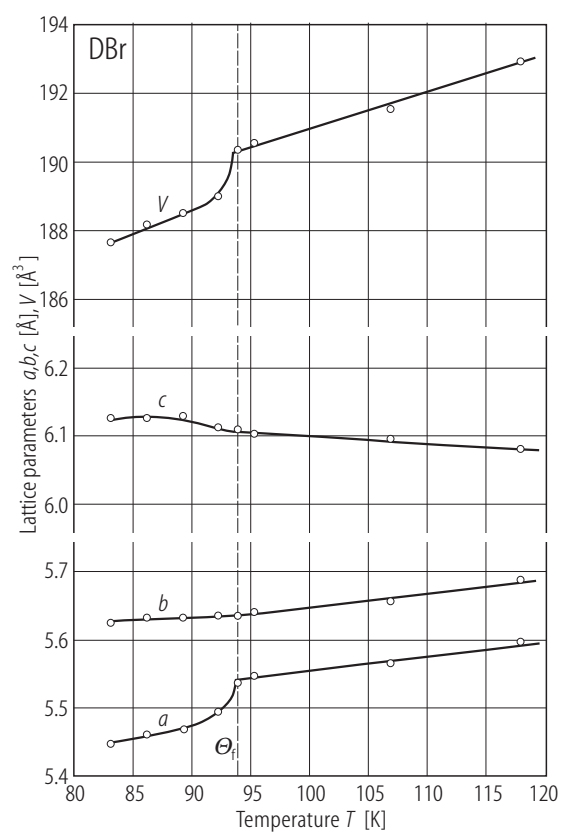


Fig. 27A-2-004. DBr. a , b , c , V vs. T [69San].

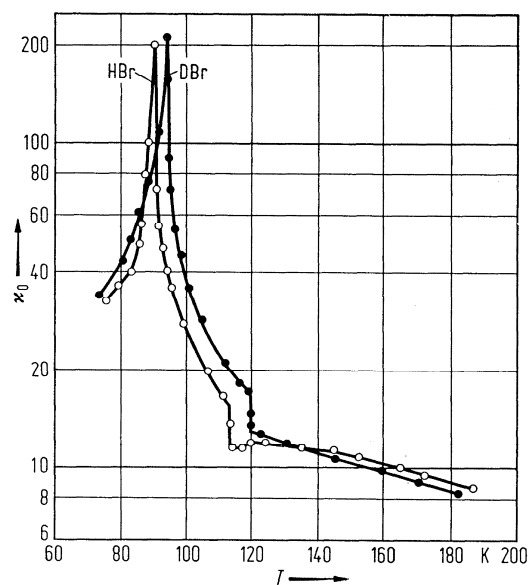


Fig. 27A-2-005. HBr, DBr. κ_0 vs. T [57Col]. κ_0 : static dielectric constant of polycrystalline specimen.

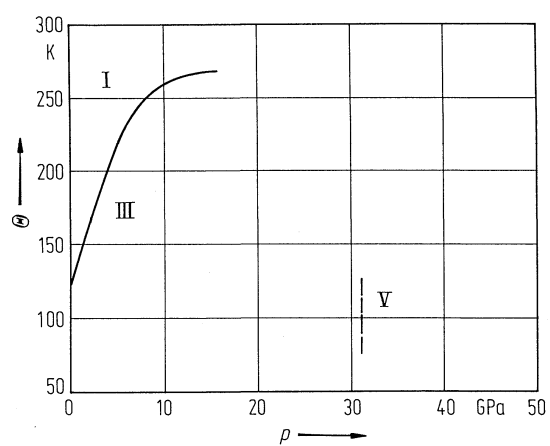


Fig. 27A-2-006. HBr. Θ vs. p [84Joh].

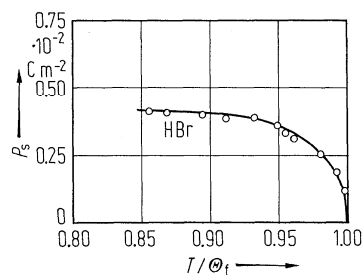


Fig. 27A-2-007. HBr. P_s vs. T/Θ_f [67Hos].

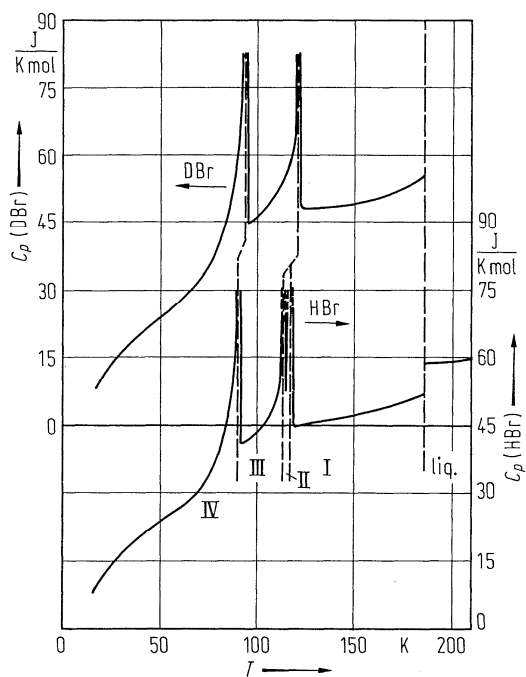


Fig. 27A-2-008. HBr, DBr. C_p vs. T [47Clu].

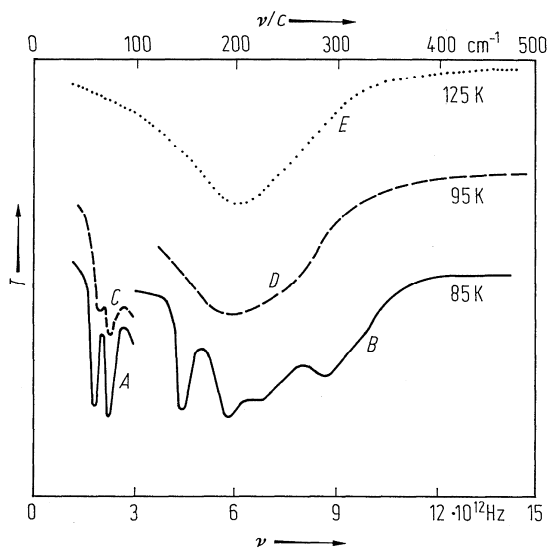


Fig. 27A-2-009. DBr. T vs. ν at various temperatures [67Arn]. T : transmittance, ν : frequency of incident infrared radiation. Temperature: 85 K for A, B; 95 K for C, D; 125 K for E. Specimen thickness: $\approx 20 \mu\text{m}$ for A and C, $\approx 10 \mu\text{m}$ for B, D, E. The zero level of transmittance for each curve is different.

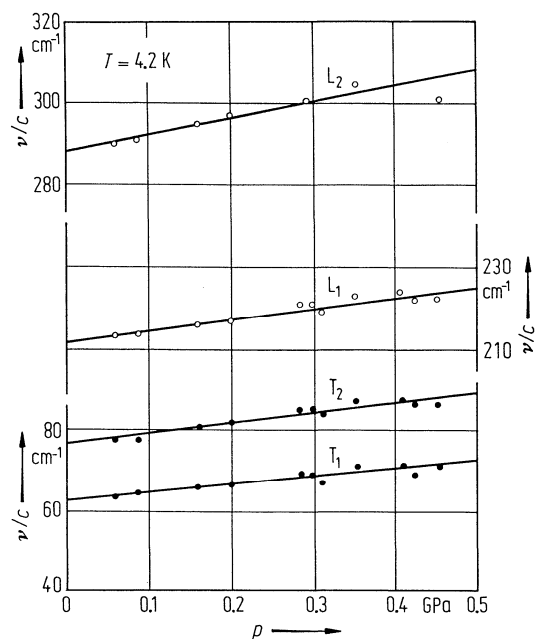


Fig. 27A-2-010. HBr. ν/c vs. p at 4.2 K [83Obr]. ν : frequency of far infrared absorption band. L and T denote librational and translational modes, respectively.

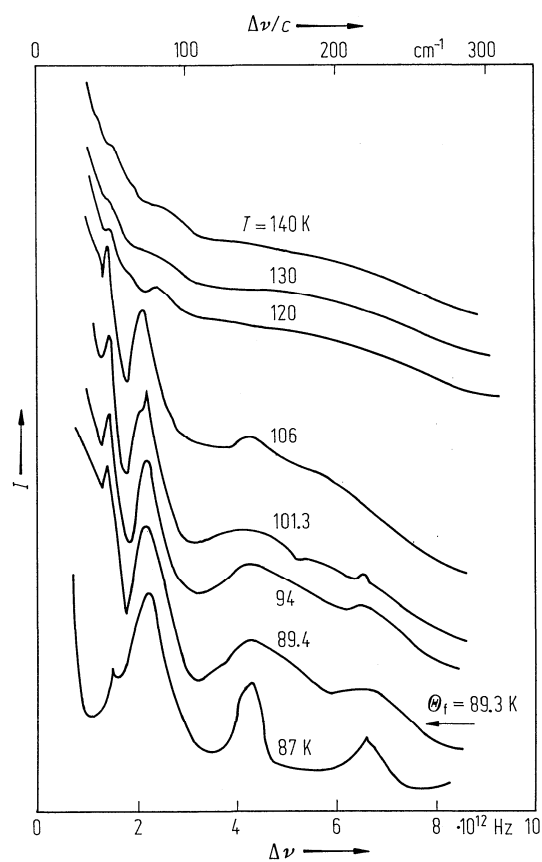


Fig. 27A-2-011. HBr. I vs. $\Delta\nu$ [81And]. Parameter: T . I , $\Delta\nu$: intensity and frequency shift of Raman scattering.

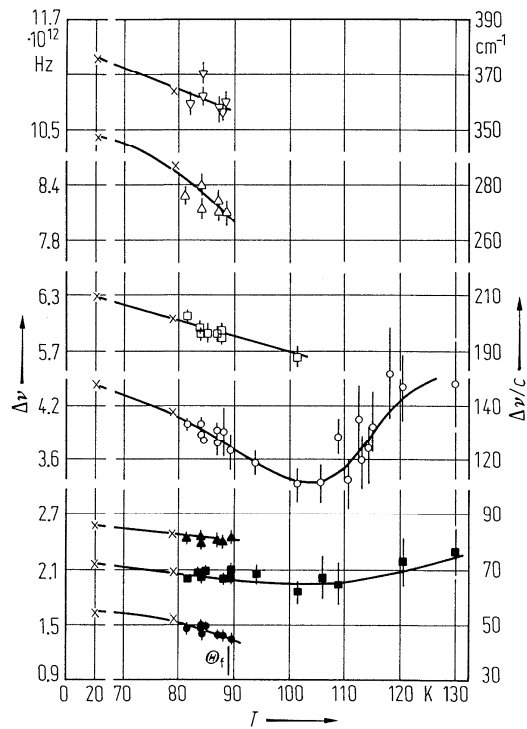


Fig. 27A-2-012. HBr. $\Delta\nu$ vs. T [77Ves]. $\Delta\nu$: frequency shift of Raman scattering. Crosses: data of [72Sun].

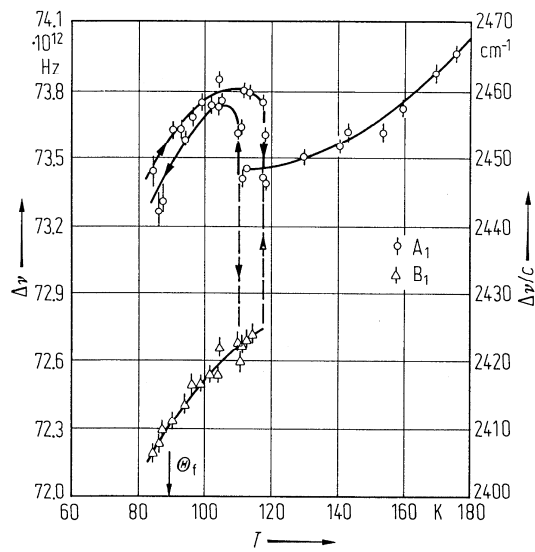


Fig. 27A-2-013. HBr. $\Delta\nu$ vs. T [77Ves]. $\Delta\nu$: Raman frequency shift of internal mode.

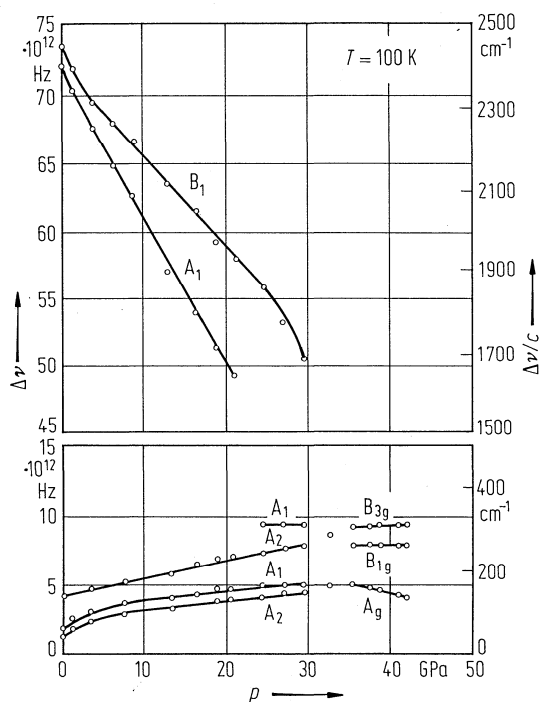


Fig. 27A-2-014. HBr. $\Delta\nu$ vs. p at 100 K [84Joh]. $\Delta\nu$: frequency shift of Raman scattering.

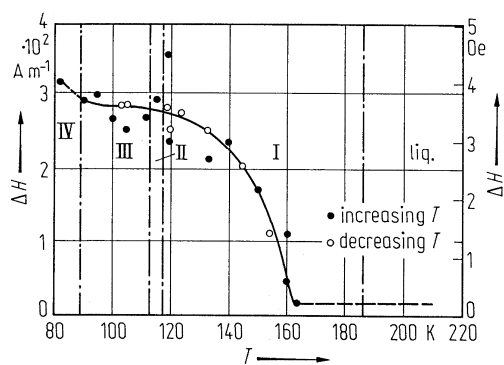


Fig. 27A-2-015. HBr. ΔH vs. T [49Alp]. ΔH : line width of NMR signal of proton.

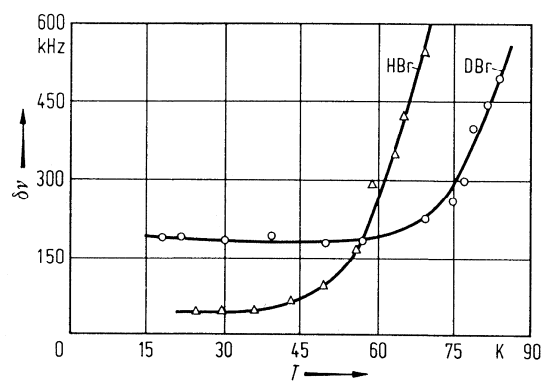


Fig. 27A-2-016. HBr, DBr. $\delta\nu$ vs. T [70Kad]. $\delta\nu$: linewidth of ^{79}Br NQR spectrum.

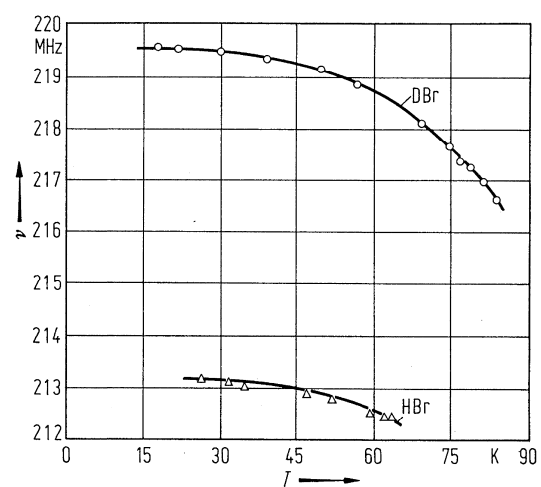


Fig. 27A-2-017. HBr, DBr. ν vs. T [70Kad]. ν : NQR frequency of ^{79}Br .