

Fig. 20A-3-001. SbSBr. Structure of phase I [86Sia]. Projection along the c axis. Numbers indicate interatomic distances [Å].

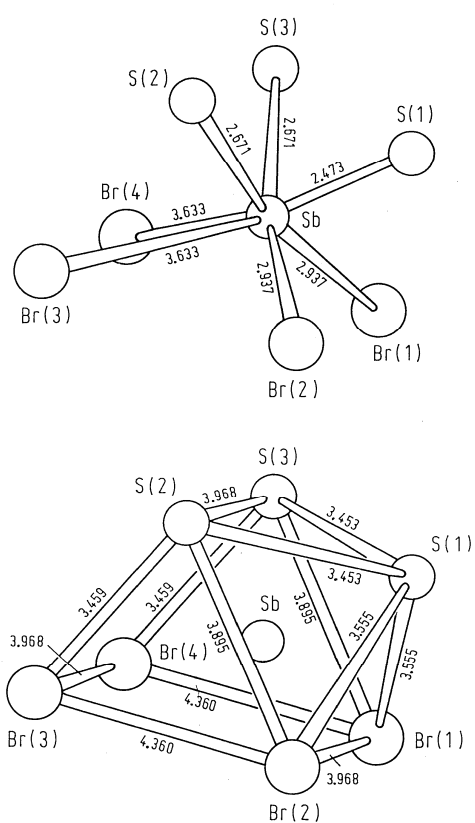


Fig. 20A-3-002. SbSBr. Structure of phase I [86Sia]. Interatomic distances [Å] between Sb and its coordinated atoms.

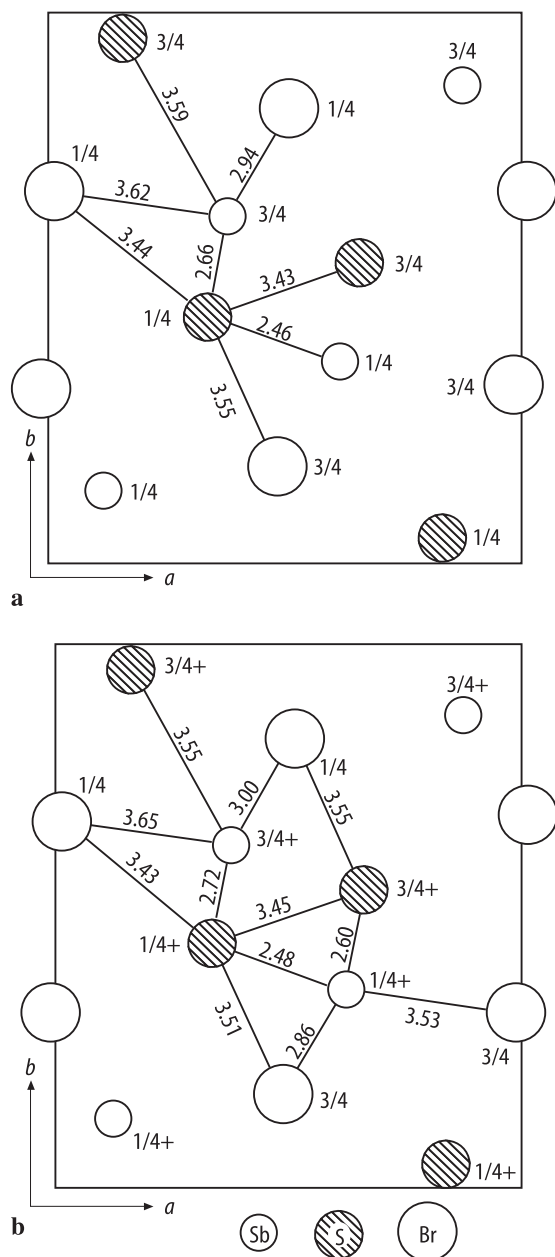


Fig. 20A-3-003. SbSBr. Structure of (a) phase I ($T = 294$ K) and (b) phase II ($T = 11$ K) [85Inu]. Projection along the c axis. Interatomic distances [\AA] and z -parameters of each atom are shown.

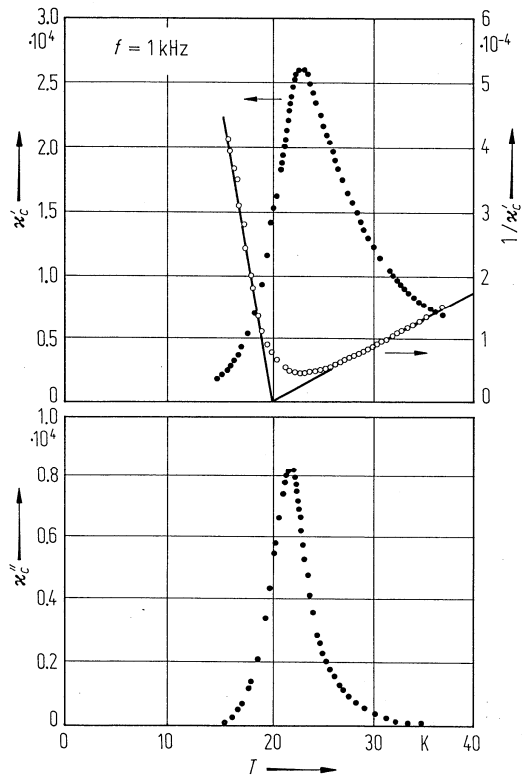


Fig. 20A-3-004. SbSBBr. κ'_c , $1/\kappa'_c$, κ''_c vs. T [84Cha].

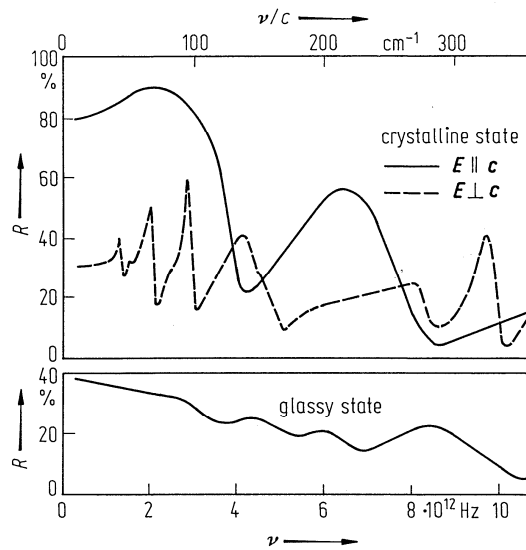


Fig. 20A-3-005. SbSBBr. R vs. ν [80Koy]. R : reflectivity.

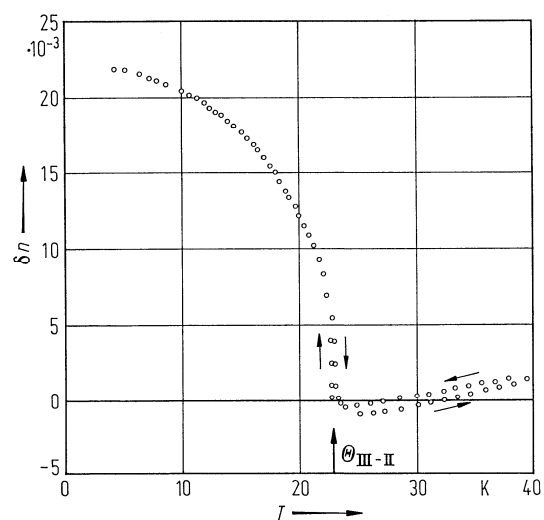


Fig. 20A-3-006. SbSBr. δn vs. T [80Inu1]. $\delta n = n_{\perp} - n_{\parallel}$. n_{\perp} , n_{\parallel} : refractive indices for the light of $\lambda = 633$ nm, polarized perpendicular and parallel to the c axis, respectively.

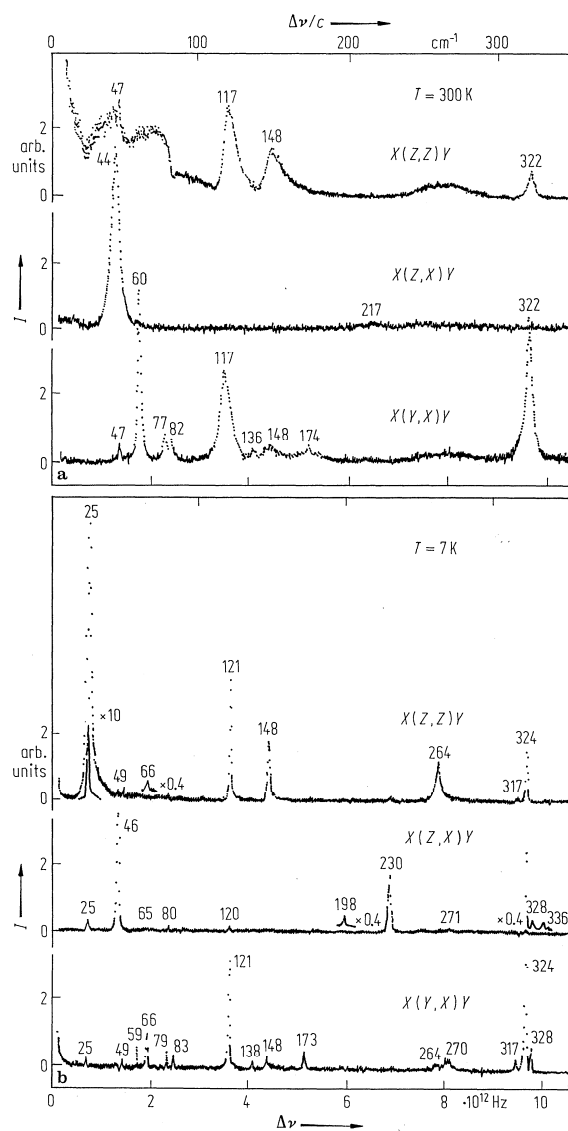


Fig. 20A-3-007. SbSbBr. I vs. $\Delta\nu$ at 300 K (a) and 7 K (b) for polarization geometries $X(ZZ)Y$, $X(ZX)Y$ and $X(YX)Y$ [82Inu]. $\Delta\nu$: Raman shift. Peak frequencies are indicated in the figure in the unit of cm^{-1} .

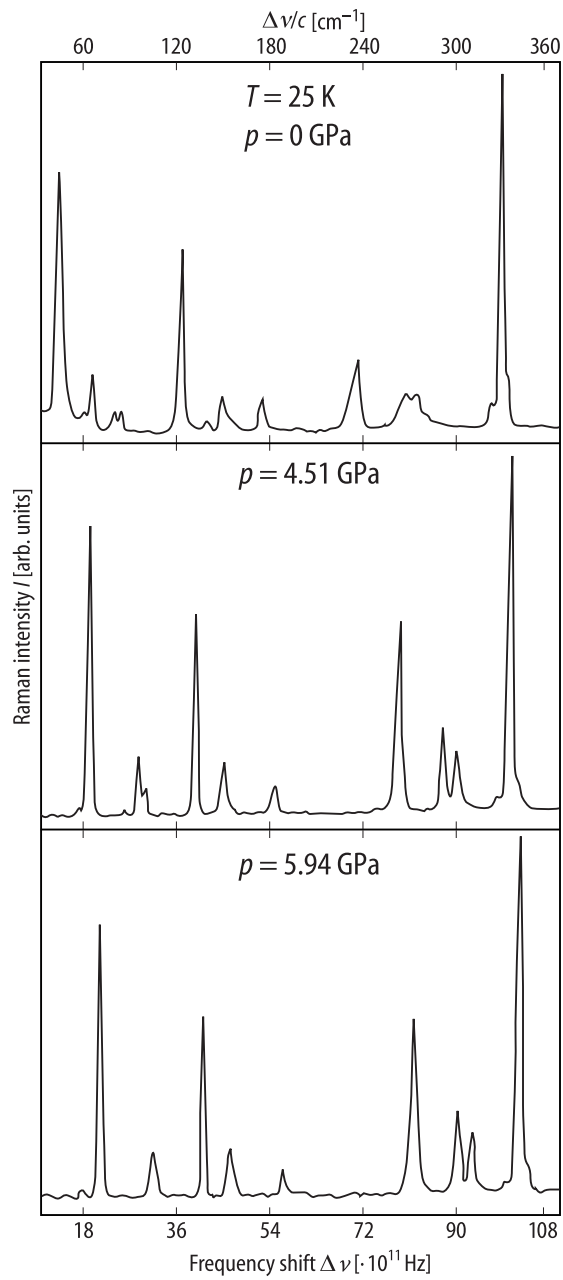


Fig. 20A-3-008. SbSBr. I vs. $\Delta\nu$ [90Hoc]. I : Raman scattering intensity at $T = 25$ K. Parameter: p .

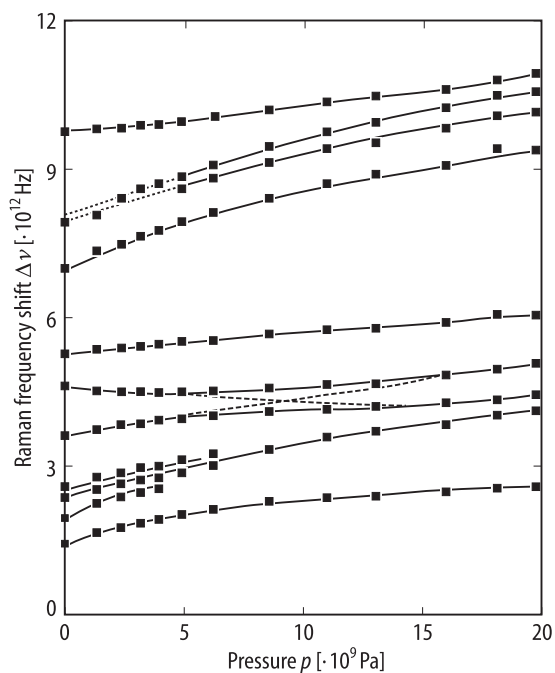


Fig. 20A-3-009. SbSBr. $\Delta\nu$ vs. p [89Ten]. $\Delta\nu$: Raman scattering frequency shift.

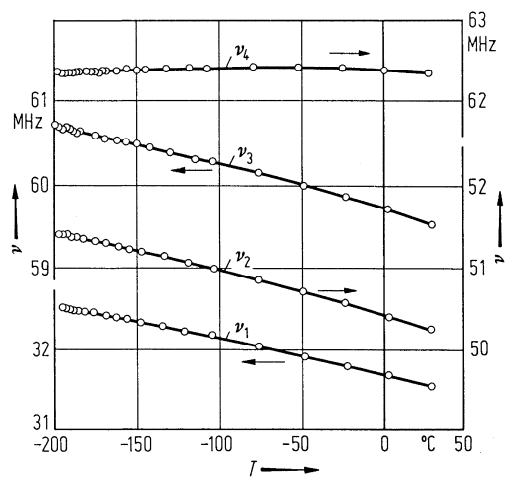


Fig. 20A-3-010. SbSBr. NQR frequencies vs. T [69Pop]. The ν 's are the following resonance frequencies: $\nu_1(^{123}\text{Sb}_{1/2 \leftrightarrow 3/2})$, $\nu_2(^{121}\text{Sb}_{1/2 \leftrightarrow 3/2})$, $\nu_3(^{123}\text{Sb}_{3/2 \leftrightarrow 5/2})$, and $\nu_4(^{81}\text{Br}_{1/2 \leftrightarrow 3/2})$.

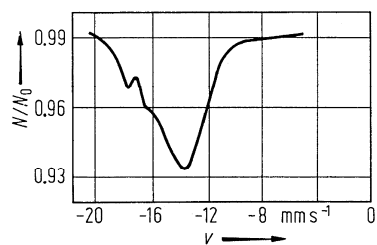


Fig. 20A-3-011. SbSBr. N/N_0 vs. ν [71Khi]. N/N_0 : counting rate in Mössbauer spectrum for ^{121}Sb nuclei, ν : absorber velocity. Radioactive isotope ^{121}Sb in a CaSnO_3 matrix was used as source. The source and the absorber were at liquid N_2 temperature.

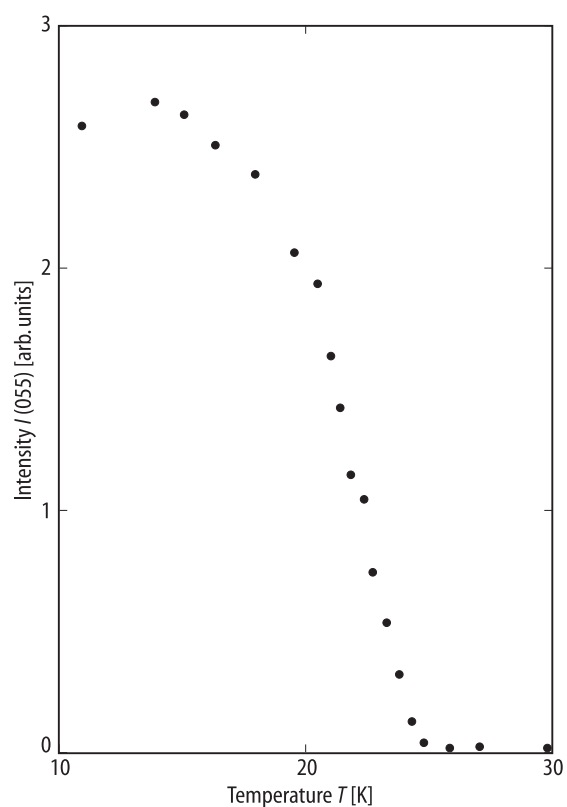


Fig. 20A-3-012. SbSBr. $I(055)$ vs. T [85Inu]. $I(055)$: integrated X-ray intensity of the (055) Bragg reflection.