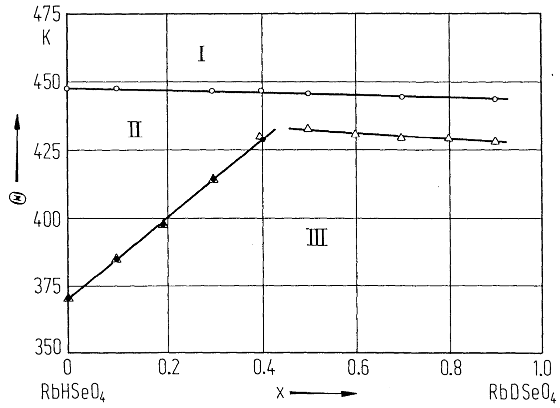

Fig. 40A-7-001. $RbH_{1-x}D_xSeO_4$. Θ vs. x [82Cza]. Open triangle: obtained from domain structure; open circle, full circle: from dielectric constant.

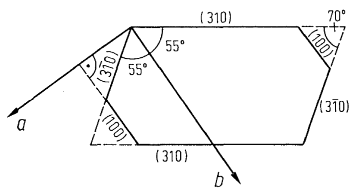

Fig. 40A-7-002. $RbHSeO_4$. Crystal form [79Pop].

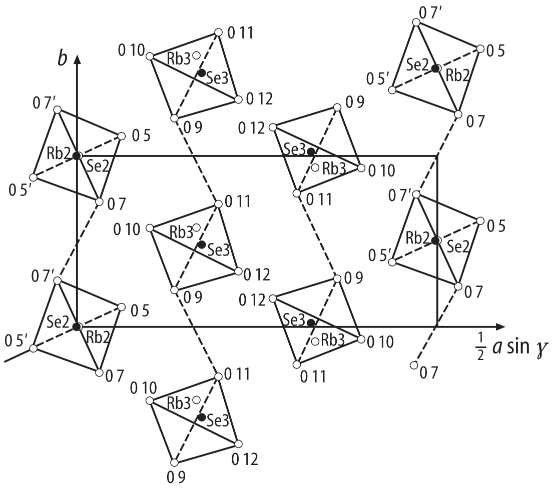

Fig. 40A-7-003. $RbHSeO_4$. Structure of phase II [80Was]. T = 387 K. Projection of the structure along the c axis. Proposed hydrogen bonds are shown by dotted lines.

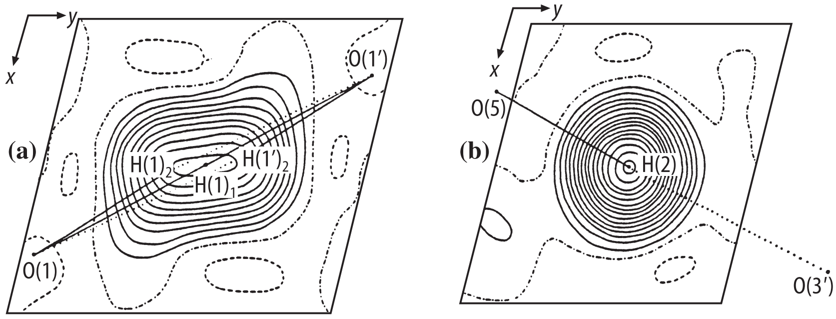

Fig. 40A-7-004. $RbHSeO_4$. Nuclear density map of hydrogen atoms in phase II [90Mak]. T = 383 K. (**a**) α-bond, (**b**) β-bond. Solid lines: the same negative density. Dashed lines: the same positive density. Dot-and-dash lines: zero density.

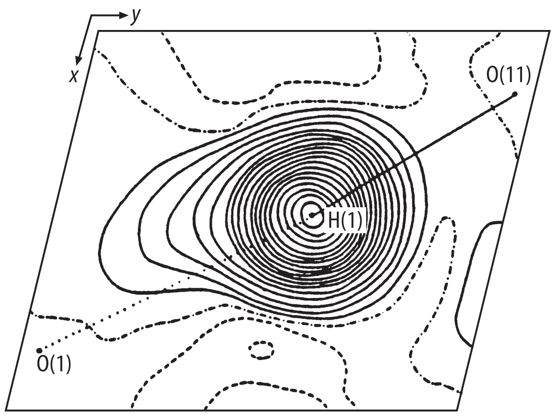

Fig. 40A-7-005. $RbHSeO_4$. Nuclear density map of hydrogen atoms in the α-bond in phase III [90Mak]. T = 293 K. Solid lines: the same negative density. Broken lines: the same positive density. Dot-and-dash lines: zero density.

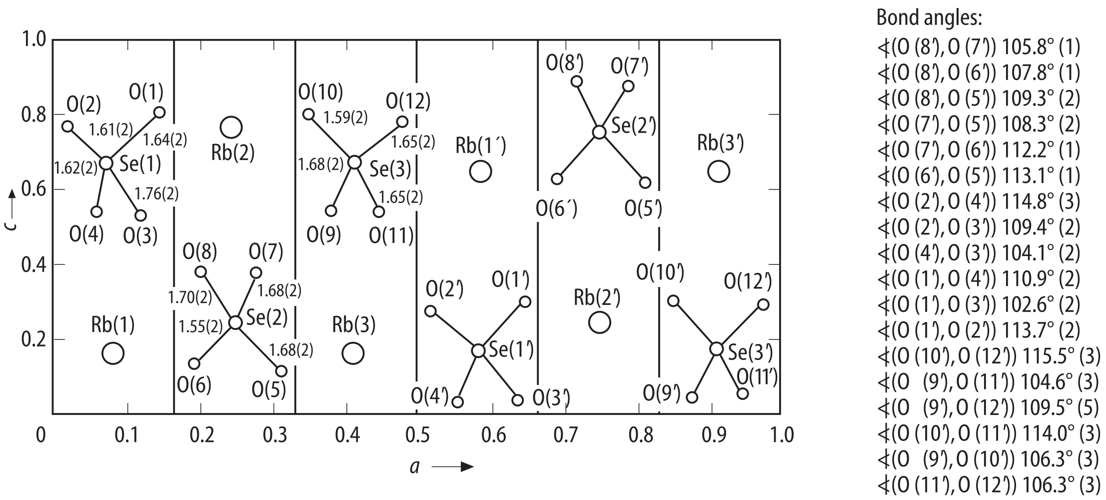

Fig. 40A-7-006. $RbHSeO_4$. Structure of phase II [78Was]. Interatomic distances [Å] and bond angles [°]. The atoms of the asymmetric unit are unprimed and those related by symmetry are primed.

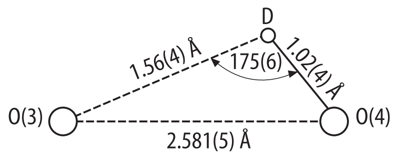

Fig. 40A-7-007. $RbDSeO_4$ (92 % deuterated). Structure at RT [82Was]. Interatomic distances [Å] and bond angles [°] of hydrogen bonds.

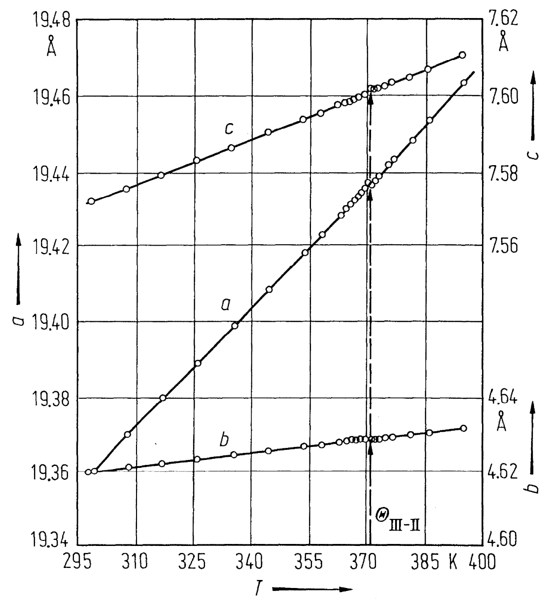

Fig. 40A-7-008. $RbHSeO_4$. *a*, *b*, *c* vs. *T* [79Pie]. *a*, *b*, *c*: unit cell parameters.

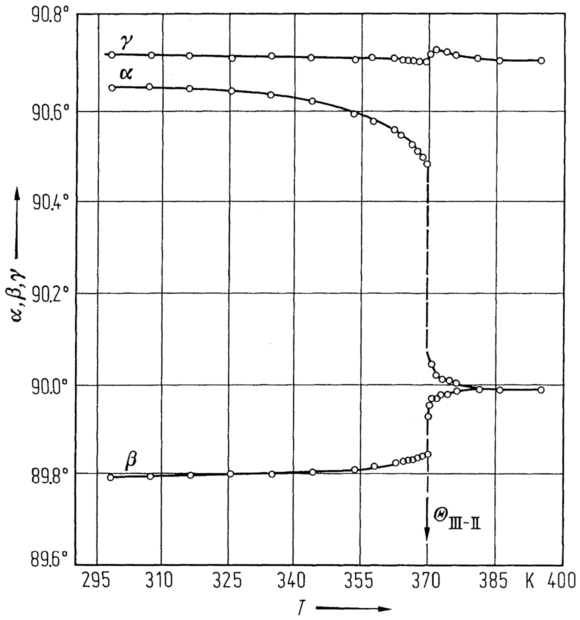

Fig. 40A-7-009. $RbHSeO_4$. α, β, γ vs. *T* [79Pie]. α, β, γ: unit cell parameters.

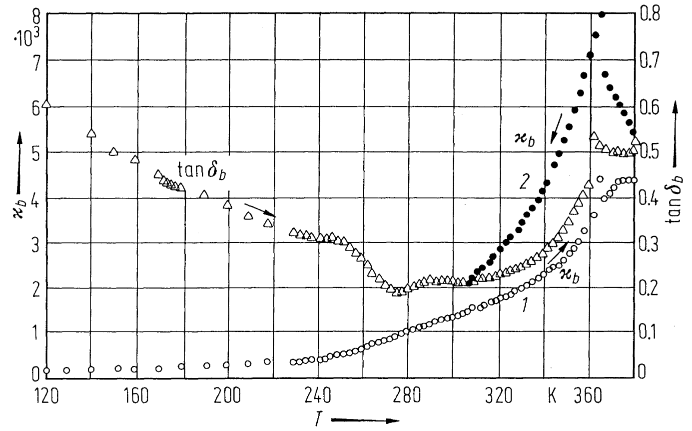

Fig. 40A-7-010. $RbHSeO_4$. κ_b, tan δ_b vs. T [79Pop]. δ_b: dielectric loss angle along the b axis. f = 1 kHz. Curve *1* shows a plot for κ_b when the sample was first used. In each subsequent measuring cycle, curve *2* was obtained.

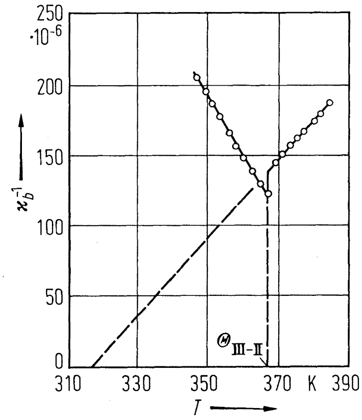

Fig. 40A-7-011. $RbHSeO_4$. κ_b^{-1} vs. T [79Pop]. f = 1 kHz.

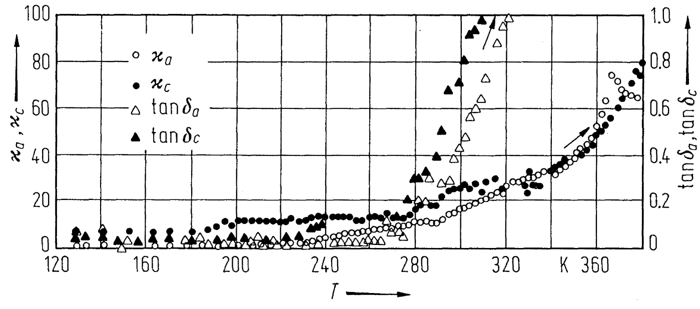

Fig. 40A-7-012. $RbHSeO_4$. κ_a, tan δ_a, κ_c, tan δ_c vs. T [79Pop]. δ_a and δ_c are dielectric loss angles along the a axis and the c axis, respectively.

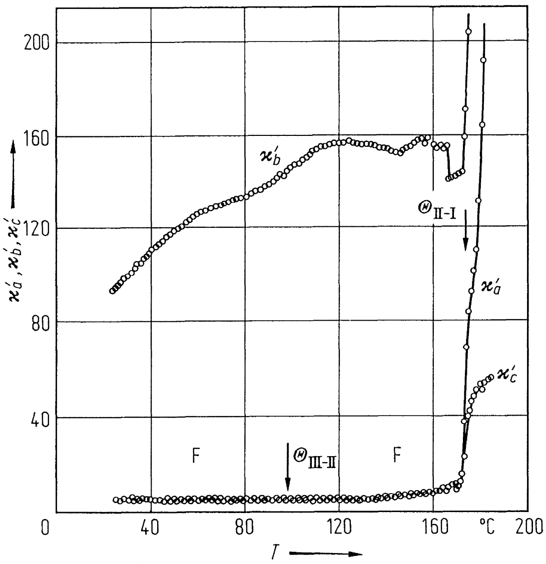

Fig. 40A-7-013. $RbHSeO_4$. κ'_a, κ'_b, κ'_c vs. T [79Suz]. f = 1 MHz.

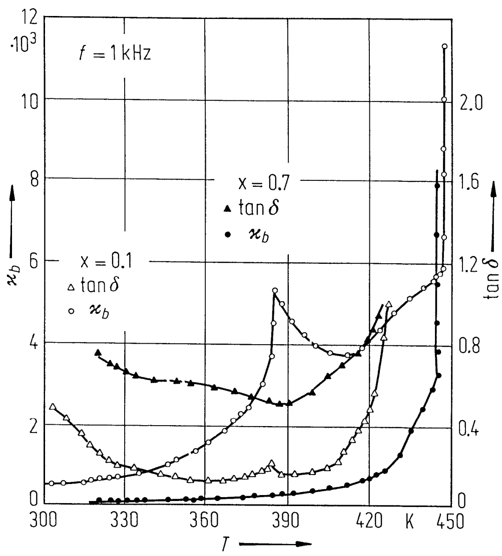

Fig. 40A-7-014. $RbH_{1-x}D_xSeO_4$. κ_b, tan δ vs. T [82Cza]. Parameter: x. E = 500 V m^{-1}.

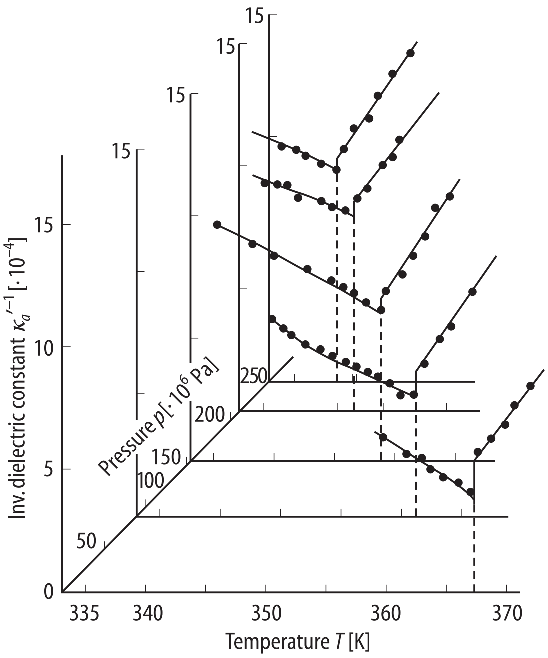

Fig. 40A-7-015. $RbHSeO_4$. $\kappa_a'^{-1}$ vs. T [88Pop]. Parameter: p.

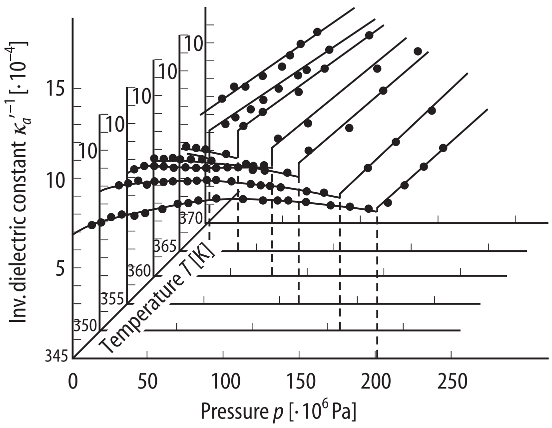

Fig. 40A-7-016. $RbHSeO_4$. $\kappa_a'^{-1}$ vs. p [88Pop]. Parameter: T.

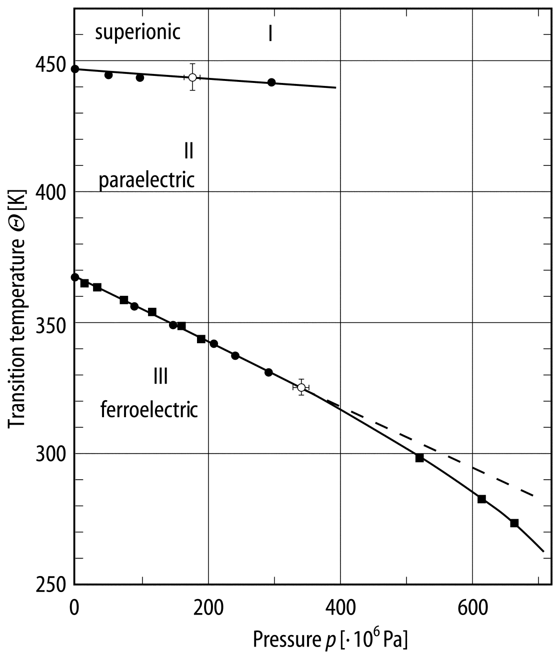

Fig. 40A-7-017. $RbHSeO_4$. Θ vs. p [88Pop].

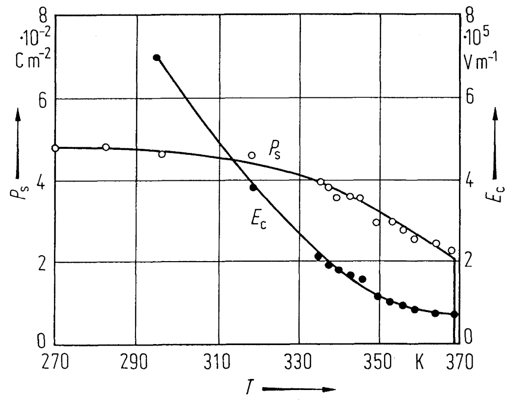

Fig. 40A-7-018. $RbHSeO_4$. P_s, E_c vs. T [79Pop].

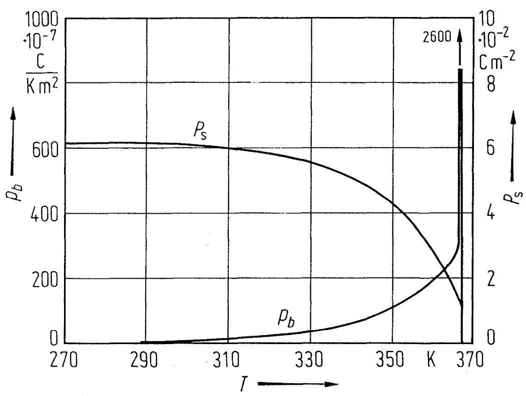

Fig. 40A-7-019. $RbHSeO_4$. p_b, P_s vs. T [79Pop]. p_b: pyroelectric coefficient along b axis.

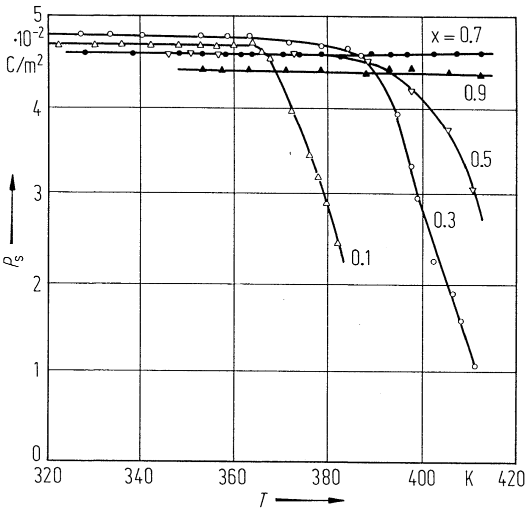

Fig. 40A-7-020. $RbH_{1-x}D_xSeO_4$. P_s vs. T [82Cza]. Parameter: x.

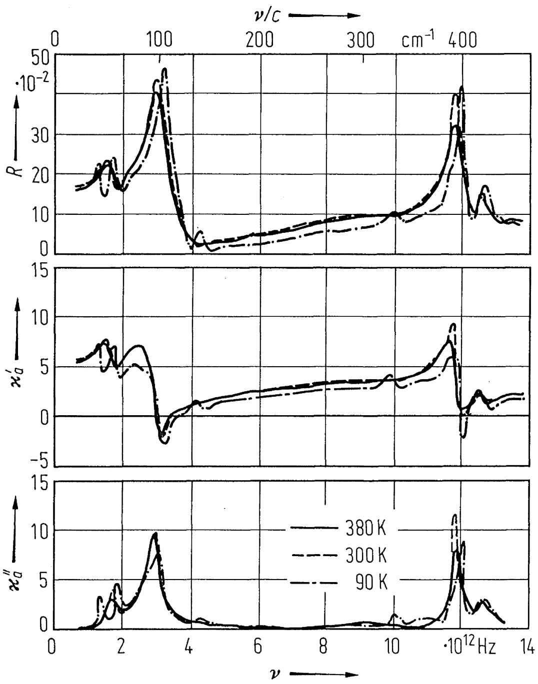

Fig. 40A-7-021. $RbHSeO_4$. R, κ_a', κ_a'' vs. ν [80Kab]. R: reflectivity, $E \parallel a$.

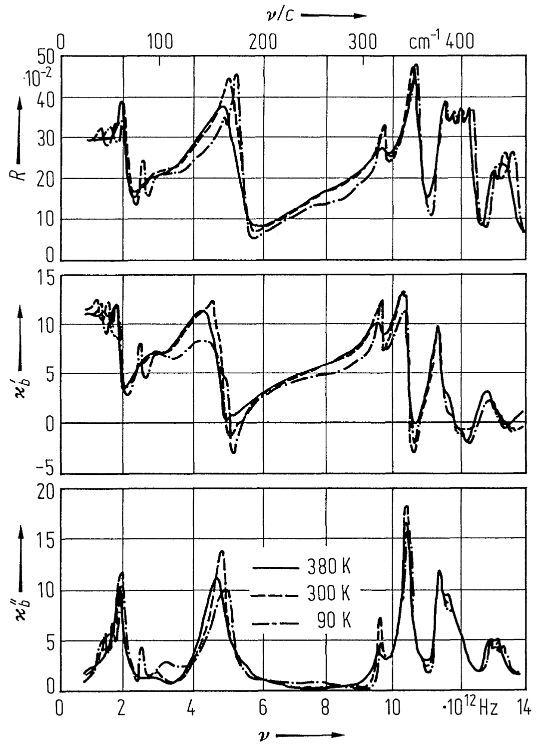

Fig. 40A-7-022. $RbHSeO_4$. R, κ_b', κ_b'' vs. ν [80Kab]. R: reflectivity, $E \parallel b$.

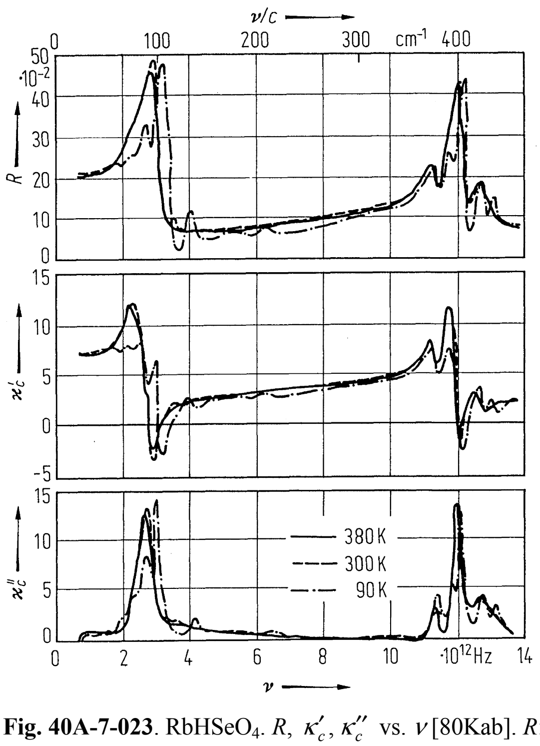

Fig. 40A-7-023. $RbHSeO_4$. R, κ_c', κ_c'' vs. ν [80Kab]. R: reflectivity, $E \parallel c$.

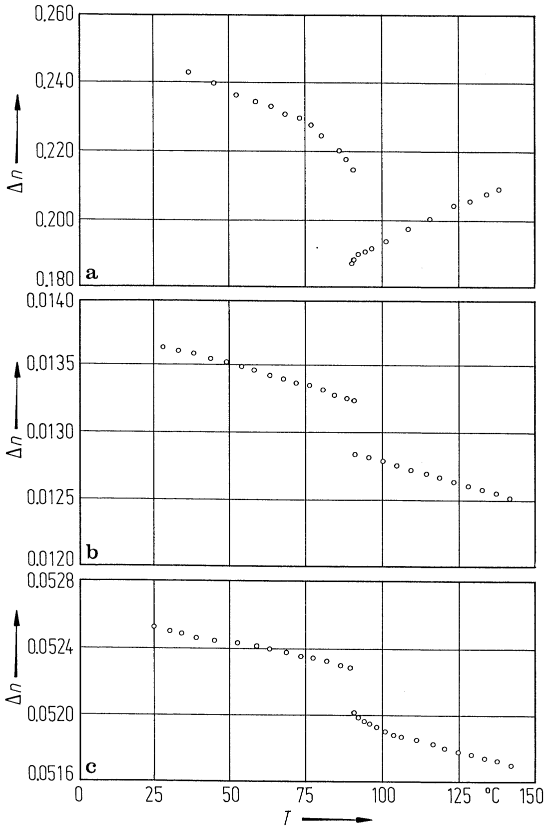

Fig. 40A-7-024. $RbHSeO_4$. Δn vs. T [86Was]. Δn: birefringence, (**a**): (100); (**b**): (010); (**c**): (001). $\lambda = 632.8$ nm.