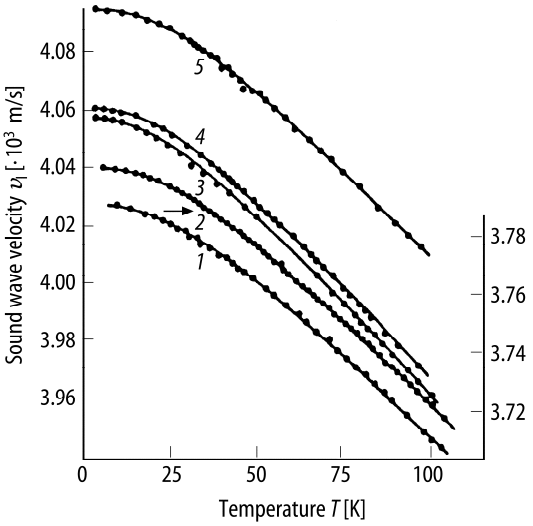

Fig. M15-v-001. $Pb_{1-x}Sn_xTe$. v_l vs. T [88Vas]. v_l: velocity of the longitudinal sound wave propagating along [100]. f = 1...1.2 MHz. Parameter: x. *1*: x = 0, *2*: x = 0.15, *3*: x = 0.20, *4*: x = 0.25, *5*: x = 0.35. The right velocity scale is only for x = 0 (*1*).

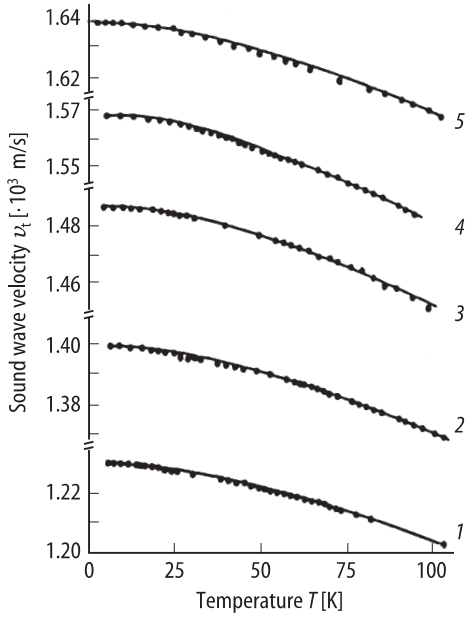

Fig. M15-v-002. $Pb_{1-x}Sn_xTe$. v_t vs. T [88Vas]. v_t: velocity of the transverse sound wave (c_{44}-mode). f = 4...8 MHz. Parameter: x. *1*: x = 0, *2*: x = 0.15, *3*: x = 0.20, *4*: x = 0.25, *5*: x = 0.35.

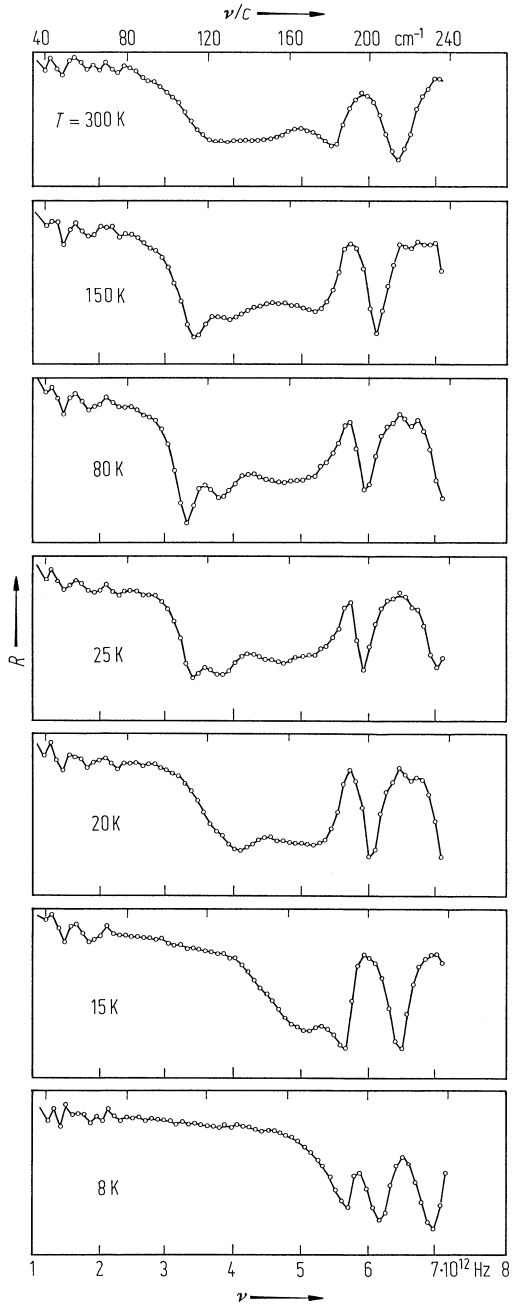

Fig. M15-v-003. $Pb_{0.79}Sn_{0.21}Te$ (≈0.5 at % In doped). R vs. ν [84McK2]. R: infrared reflectivity. Parameter: T.