

with increasing pressure. It would be interesting, although quite difficult, to verify this effect experimentally.

In order to check the theoretical results it would be desirable to have experimental data on solid solubility as a function of pressure. Such measurements for the system NaCl-KCl have been performed in this laboratory[33] and are in reasonable agreement with the theoretical data. However, no spinodal decomposition has been observed. Another possible experiment would be the investigation of the system KBr-KI in the pressure range 0-20 kbars. By application of a rapid quench technique in order to reach the unstable region under the exsolution dome, unambiguous experimental verification of spinodal decomposition in alkali halides might be obtained.

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LATTICE THEORY OF ALKALI HALIDE SOLID SOLUTIONS—III.
PRESSURE DEPENDENCE OF SOLID SOLUBILITY AND SPINODAL
DECOMPOSITION

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Erratum:

Ref. 33 should read: M.C. Bhardwaj and R. Roy, *J. Phys. Chem. Sol.* 32, 1603 (1970).