

The next figure shows two exposures at 40 kilobars and 60 kilobars. In this case, only the high pressure form is present. The splitting of the (110) and (200) lines can be seen, the latter more clearly than the former. Using the known compressibility of the low pressure form to calibrate the cell, the compressibility of the high pressure form above the transition pressure is $5.6 \times 10^{-3} \text{ Kbar}^{-1}$.

In closing, we want to acknowledge the support and encouragement given to this work by the Office of Aerospace Research, United States Air Force, AFCL and particularly to Dr. Johannes Plendl, Dr. Peter Gielisse and Mr. Larry Mansur.