





The plots show that a significant departure from hexagonal lattice symmetry takes place from about 18.5 kbar. A closer look at the refined cell parameters (not reproduced here) reveals that this departure appears to start already at about 7 kbar. The decrease of the unit-cell volume  $V$  with increasing  $p$  is roughly linear, as expected, however, with one slope in the range up to about 18.5 kbar, and a less steep slope in the range 18.5 to 70 kbar. Loss of crystal water(s) may be involved in the change of rate in linear decrease.

Following the high-pressure experiment, another crystal was mounted for data collection. A total of about 133 000 reflections were collected with a CCD. Analyses of the data show that the quality is degrading with time, the effect becomes noticeable already after about 5 hrs exposure. During this time 19 658 reflections were collected yielding 8 575 unique reflections after merging. The observed deterioration confirms previous observations on radiation damage of this hydrated complex, and suggests that the crystals must be kept in an environment with control of temperature and relative humidity during data collection. We have developed a sample cell for this purpose, and have used it successfully in diffraction studies of crystals of Rochelle salt.