

The modulated crystal structure of InMo_4O_6

Peter Schultz^a, Arndt Simon^b and Oliver Oeckler^{a,*}

^a Institut für Mineralogie, Kristallographie und Materialwissenschaft, Universität Leipzig,
Scharnhorststraße 20, 04275 Leipzig, Germany

^b Max-Planck-Institut für Festkörperforschung, Heisenbergstraße 1, 70569 Stuttgart, Germany

Correspondence e-mail: oliver.oeckler@gmx.de

Supporting Information

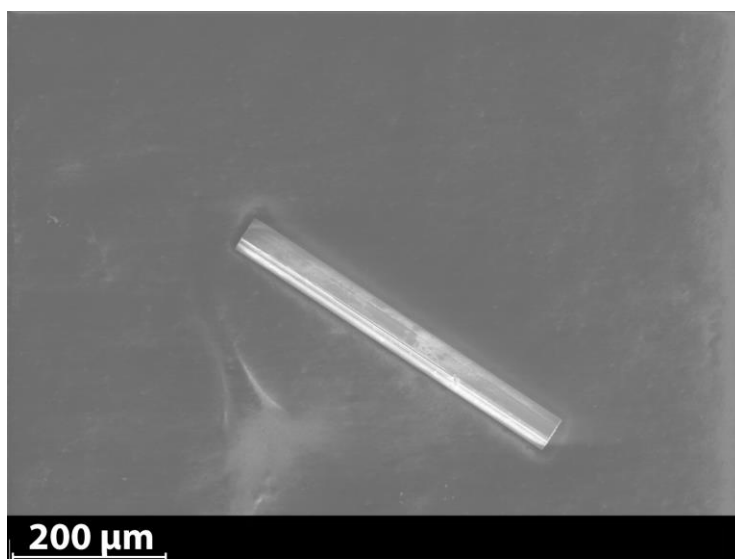


Figure S1: SEM image (secondary electrons) of the InMo_4O_6 crystal.

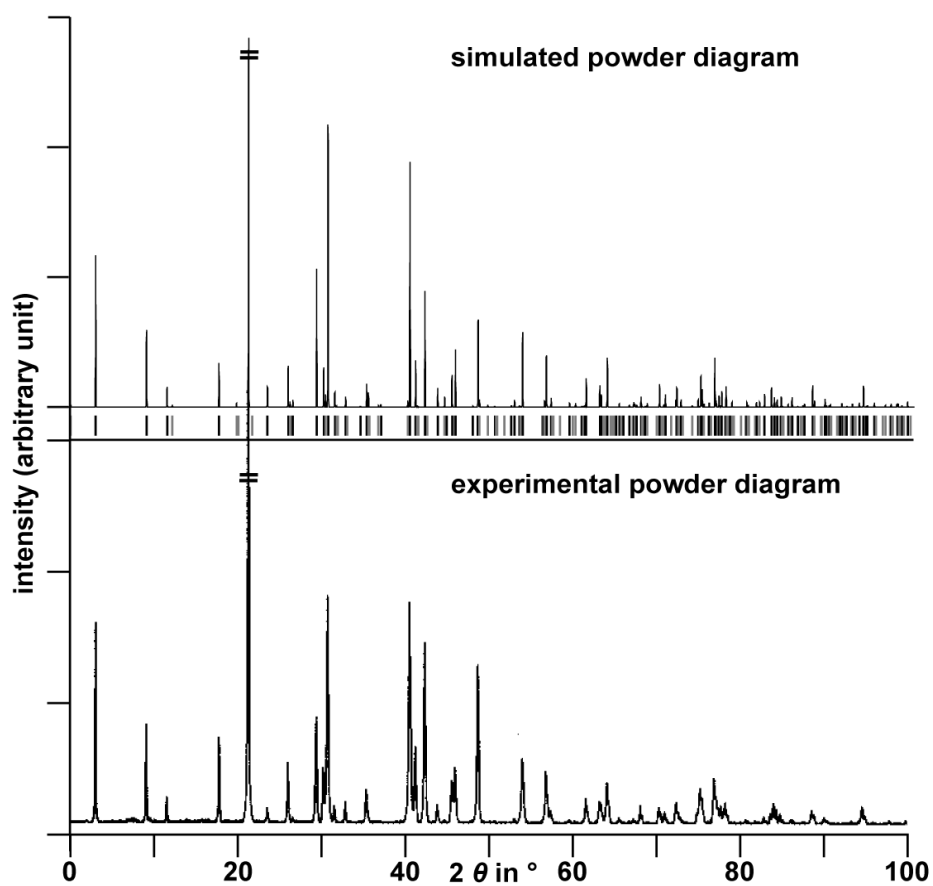


Figure S2: Experimental powder diffraction diagram (bottom, according to Steiner & Reichelt, 2005) and simulation (top) calculated from the results of the refinement of the modulated single crystal structure data; Bragg reflection tickmarks black, satellite reflection tickmarks gray (top).

- 25% -100% main reflections
- 2.5% - 25% satellite reflections
- 0.5% - 2.5%
- 0.05% - 0.5%
- < 0.05% [of max. intensity]

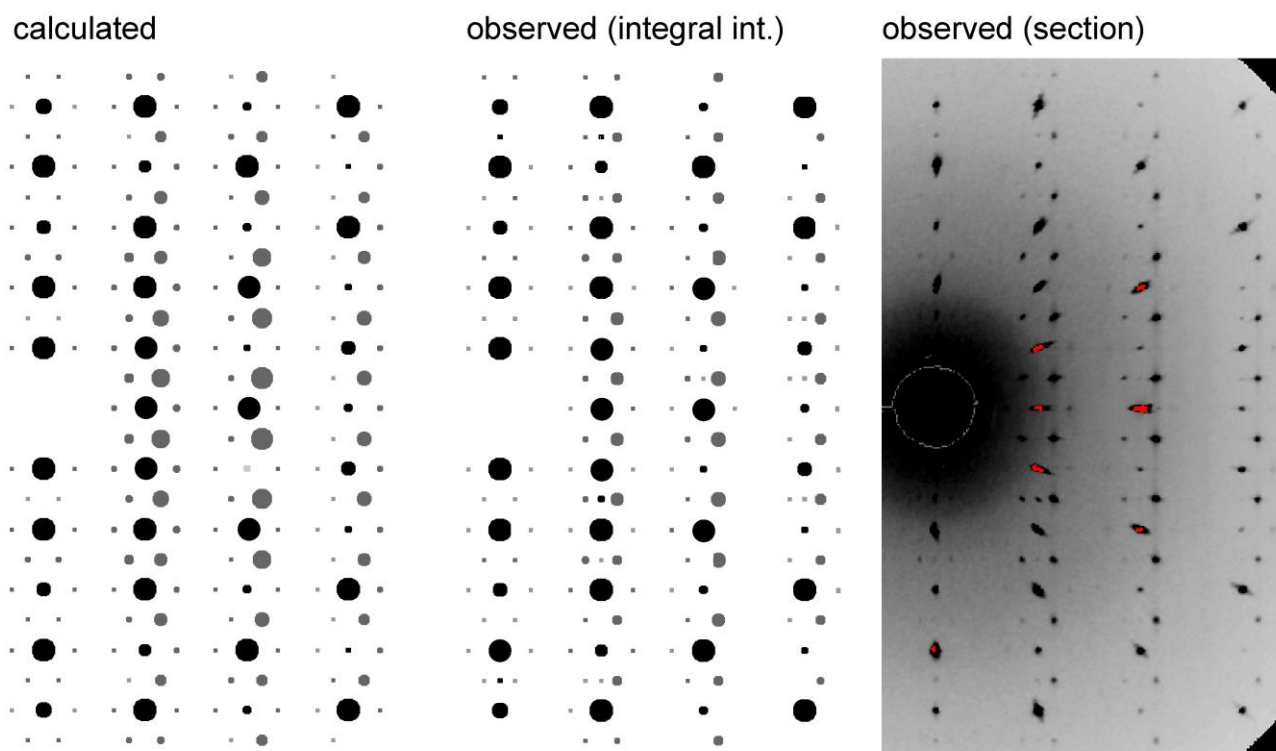


Figure S3: Comparison of calculated intensities including second order satellites (left) with the observed integral intensities (center) and the corresponding lattice section $h0lm$ for comparison (right, for indexing cf. Fig. 1).