

Supplementary information

The structure of ferroselite, FeSe_2 , at pressures up to 46 GPa and temperatures down to 50 K: a single-crystal micro-diffraction analysis

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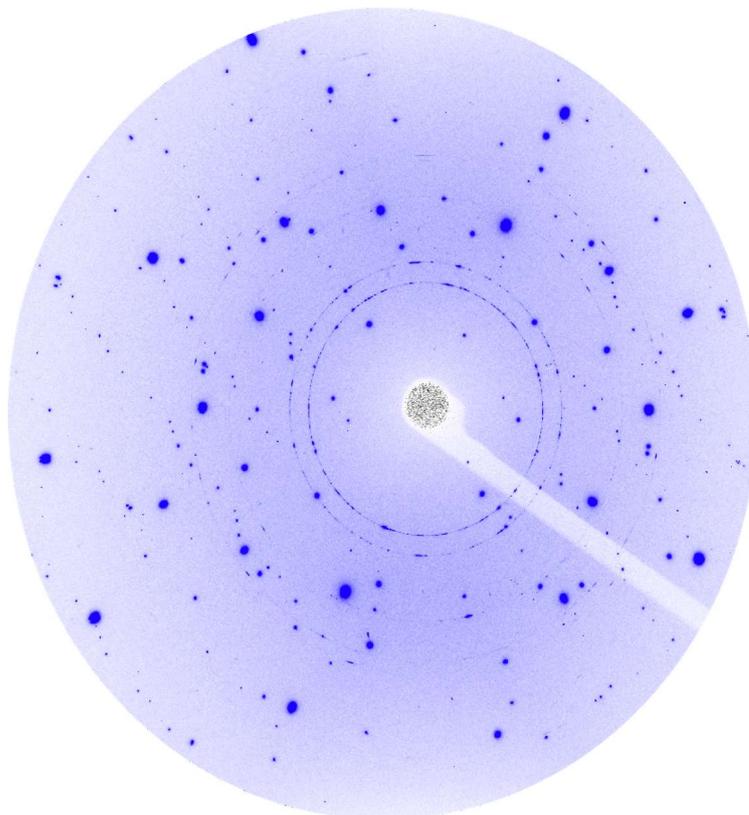


Figure S1. Representative diffraction pattern of ferroselite collected in the DAC. Larger spots are diffraction peaks produced by the diamond anvil. Debye rings are from the standard material.

C 1	0.1676	-0.10
	0.0429	0.030
	-0.1165	-0.13
C2	-0.1165	0.122
	0.1578	0.112
	0.0699	-0.04
C3	-0.1470	-0.12
	-0.0763	0.055
	0.1277	-0.10

Table S1. Orientation matrices of the three crystals (C1, C2, C3) studied at low temperature. The first row of the matrix shows the components along the beam (which corresponds to the DAC axis for $\omega=0$) for the three unit cell vectors a, b, c. In the second row are the components in the horizontal direction perpendicular to the beam, the third row shows the components along the vertical direction that coincides with the rotation axis ω .