

Supplementary Information

Pressure-induced metallization in MoSe₂ under different pressure conditions

Linfei Yang,^{ab} Lidong Dai,^{*a} Heping Li,^a Haiying Hu,^a Kaixiang Liu,^{ab} Chang Pu,^{ab} Meiling Hong^{ab} and Pengfei Liu^c

^a *Key Laboratory of High-Temperature and High-Pressure Study of the Earth's Interior, Institute of Geochemistry, Chinese Academy of Sciences, Guiyang, Guizhou 550081, China*

^b *University of Chinese Academy of Sciences, Beijing 100049, China*

^c *State Key Laboratory of Structural Chemistry, Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences, Fuzhou, Fujian 350002, China*

*Corresponding author. *Email address:* dailidong@vip.gyig.ac.cn.

Supplementary Figures

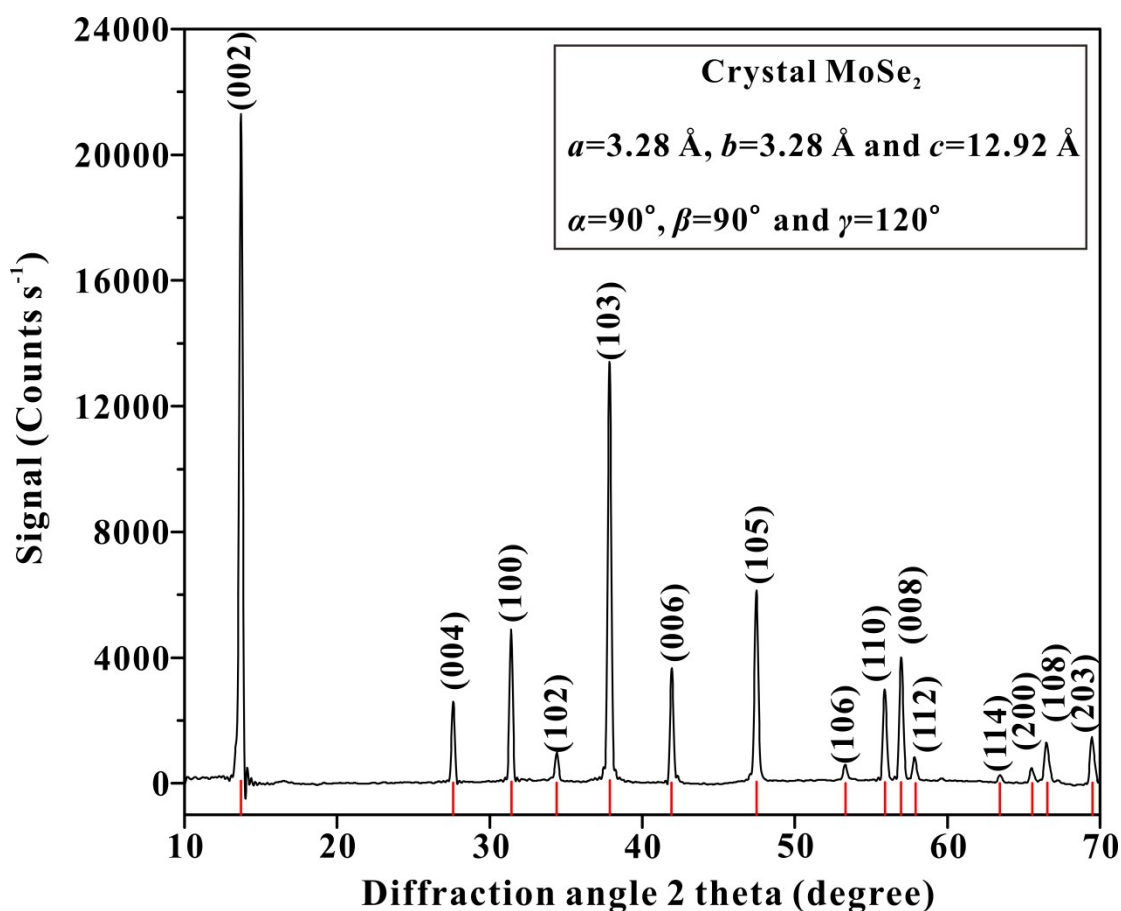


Fig. S1 The X-ray powder diffraction of crystal MoSe₂ at ambient conditions.

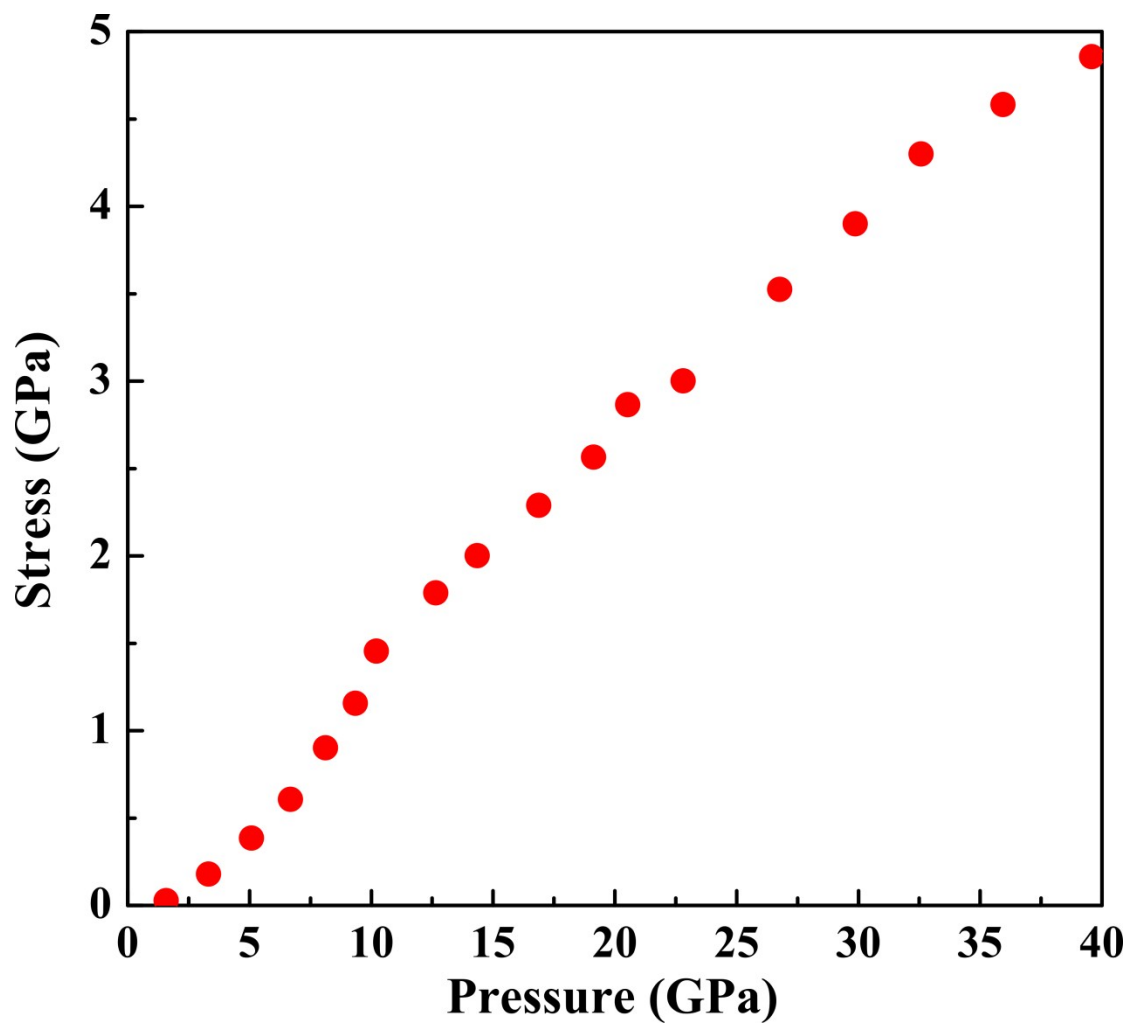


Fig. S2 The uniaxial stress of sample at the pressure range of 1.5–39.6 GPa.