

Supporting Information

In Situ Observation of the Formation of Fibrous Sulfur under High Pressure

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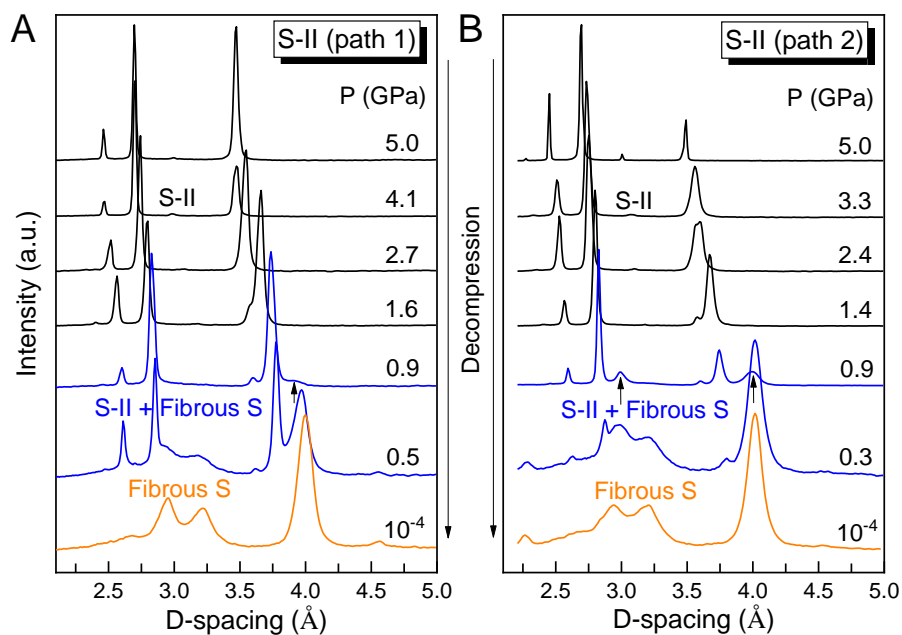


Figure S1. Change in synchrotron XRD patterns upon the decompression of S-II obtained along path 1 (A) and path 2 (B), respectively. Black arrows showed the emergence of fibrous S at about 0.9 GPa. After pressure release, the fibrous S can be recovered to ambient condition.

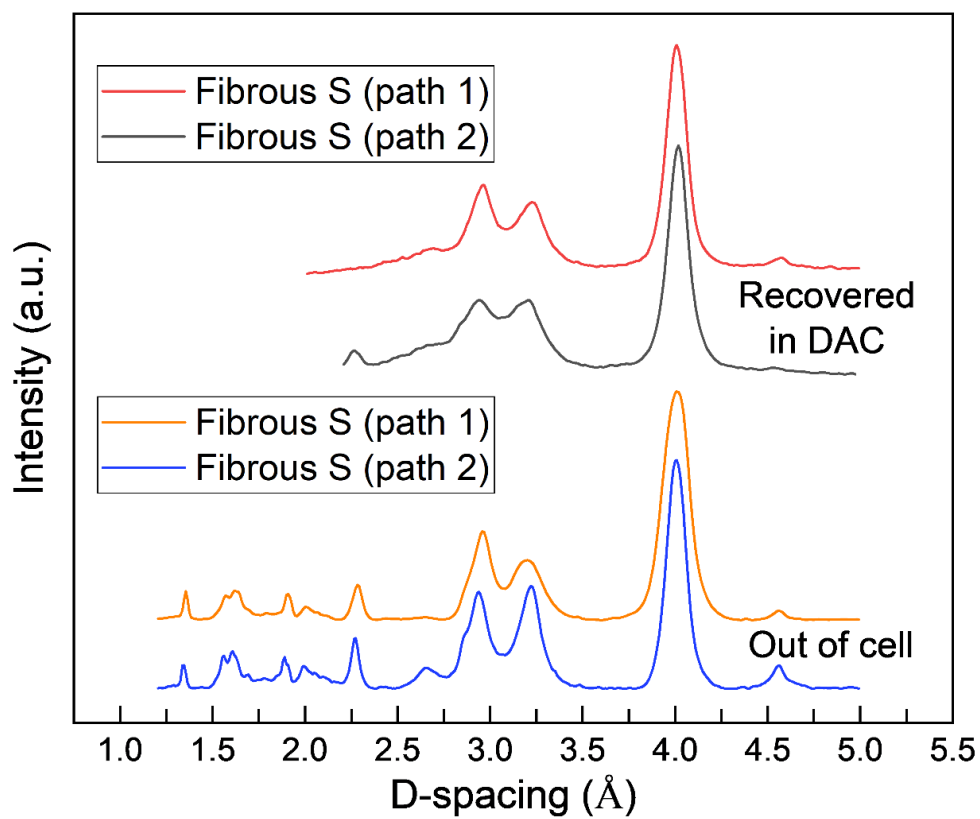


Figure S2. Diffraction patterns of fibrous S measured at ambient condition.