

Supplementary Materials: Major Ampullate Spider Silk with Indistinguishable Spidroin Dope Conformations Lead to Different Fiber Molecular Structures

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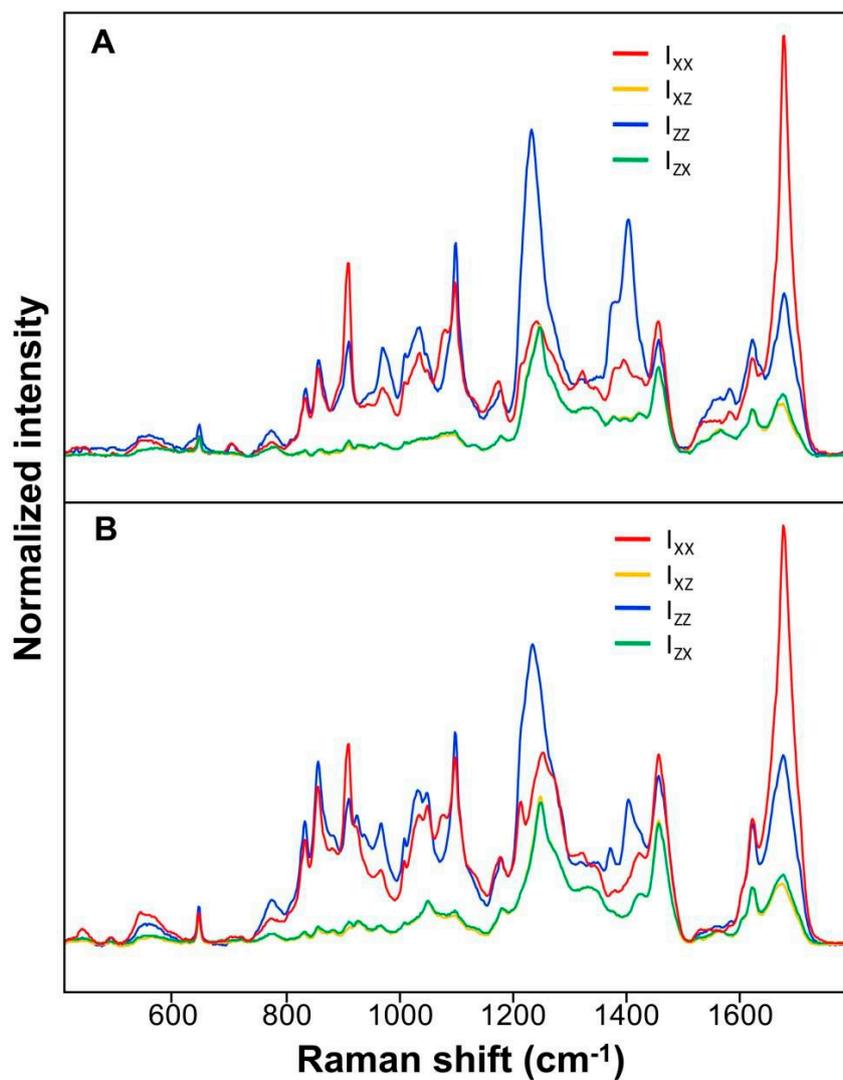


Figure S1. Polarized Raman spectra of (A) *Nephila clavipes* and (B) *Araneus diadematus* MA silk thread.

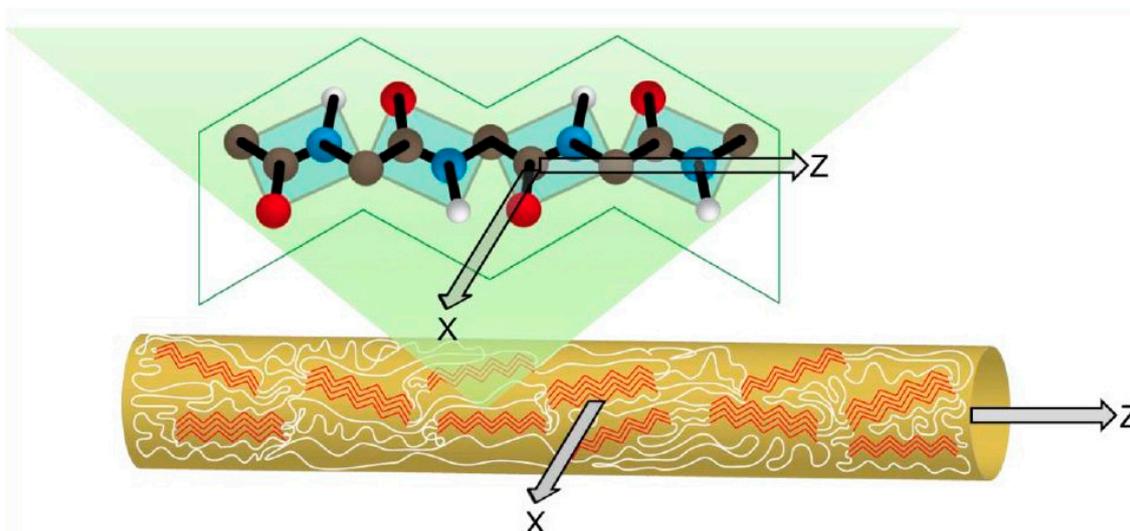


Figure S2. Representation of the coordinate system used, the alignment of the fiber for the Raman experiments (**down**) and the corresponding orientation of the β -sheets and carbonyl groups (**top**). Grey, blue, red and white spheres represent carbon, nitrogen, oxygen and hydrogen atoms of the polypeptide chains, respectively. Red structures in the fiber represent β -sheets while white lines symbolize the amorphous matrix of the silk fiber.