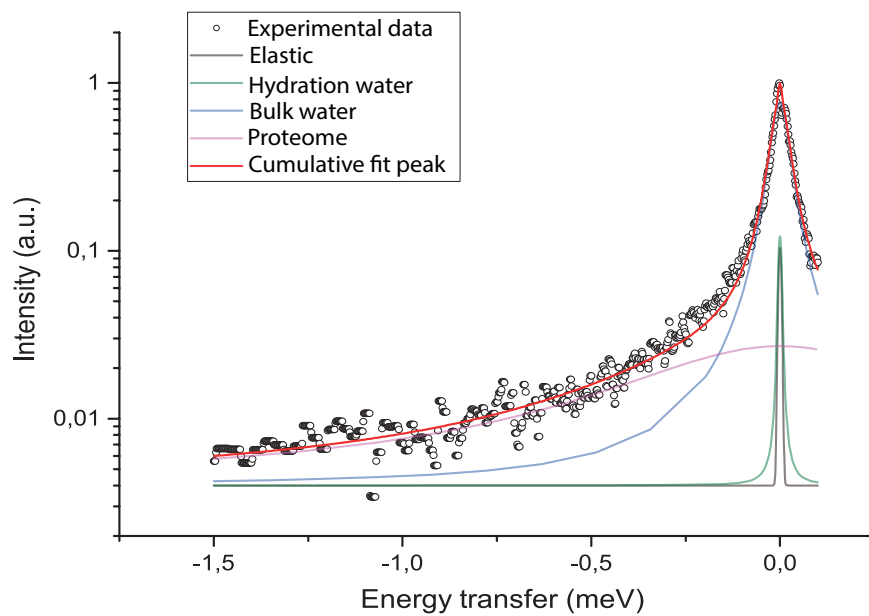


a



b

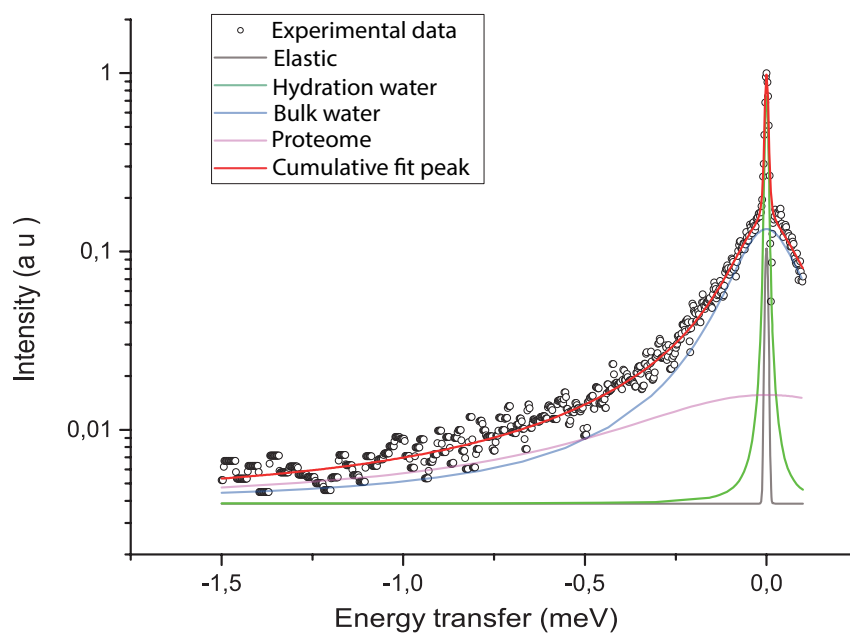


Figure S4. Normalized QENS spectra and fit for Tba_MG at 298 K, 40 MPa, $Q=0.46 \text{ \AA}^{-1}$ (a) and $Q=0.96 \text{ \AA}^{-1}$ (b) on a semi-logarithmic scale.