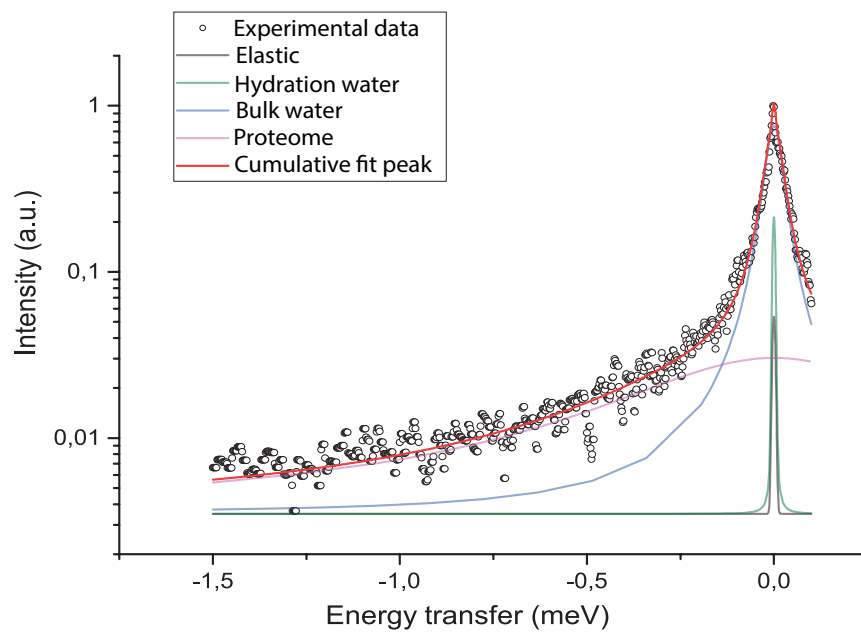


a



b

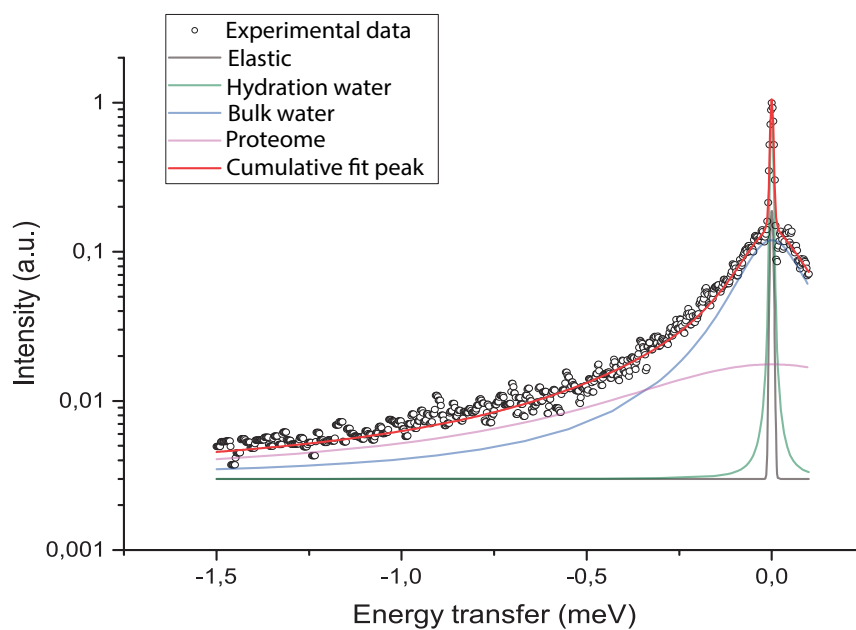


Figure S8. Normalized QENS spectra and fit for Tba_Ø at 298 K, 40 MPa, $Q= 0.46 \text{ \AA}^{-1}$ (a) and $Q= 0.96 \text{ \AA}^{-1}$ (b) on a semi-logarithmic scale.