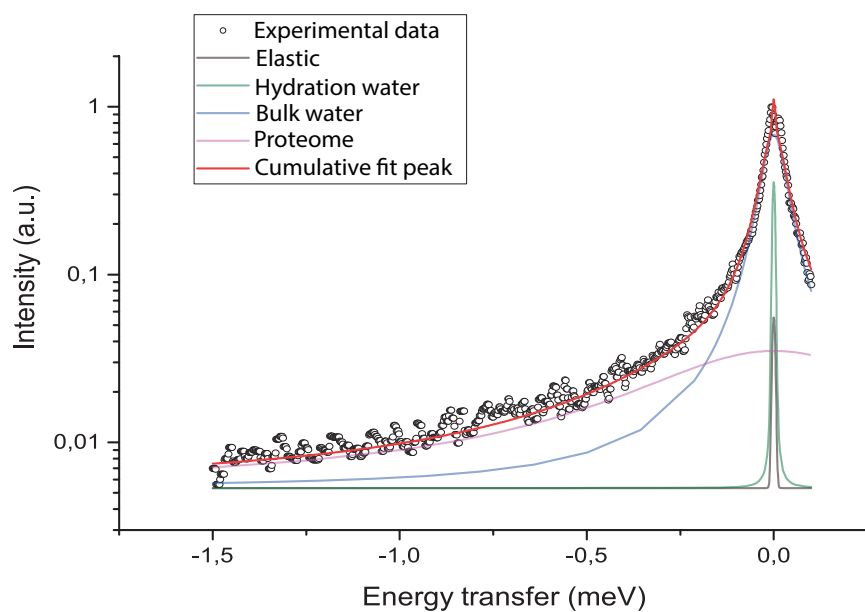


a



b

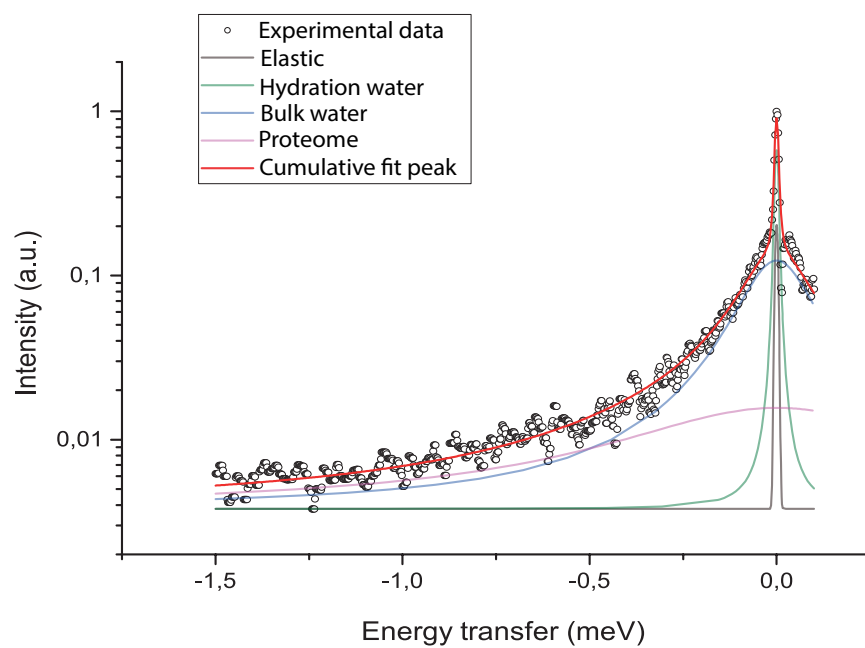


Figure S7. Normalized QENS spectra and fit for Tba_Ø at 298 K, 0.1 MPa, $Q = 0.46 \text{ Å}^{-1}$ (a) and $Q = 0.96 \text{ Å}^{-1}$ (b) on a semi-logarithmic scale.