

Supplementary Information:

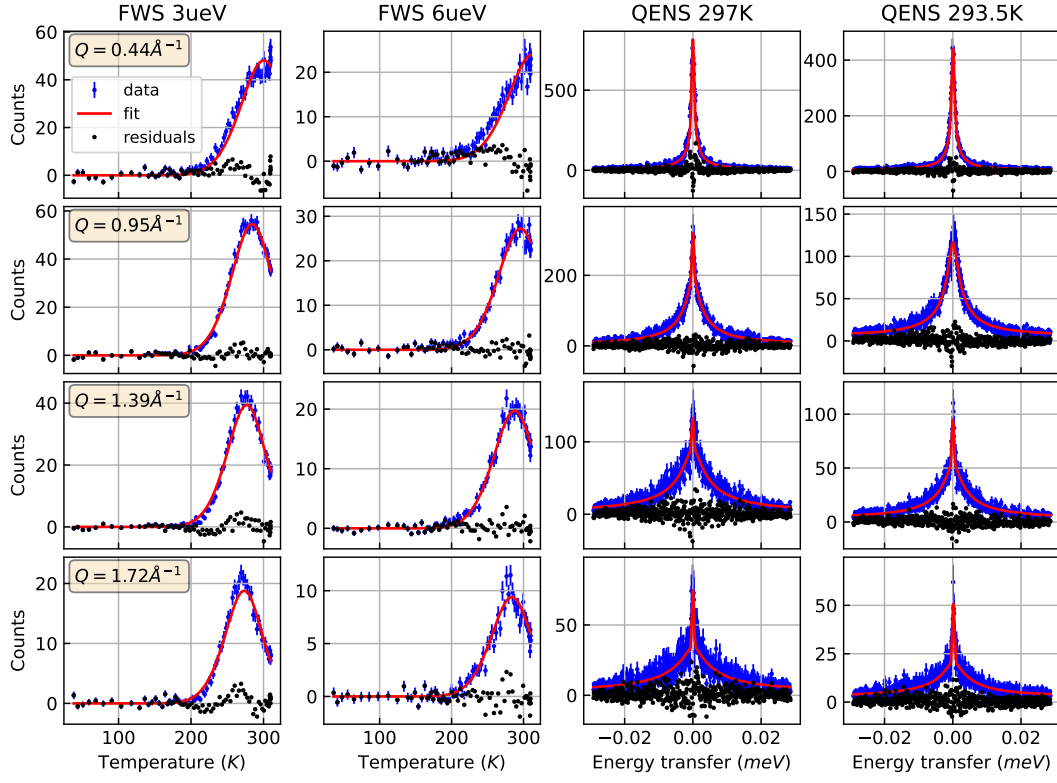
Density scaling and isodynes in glycerol-water mixtures

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$x_{gly} = 0.4 \quad p = 0.1MPa$



$x_{gly} = 0.4 \quad p = 400MPa$

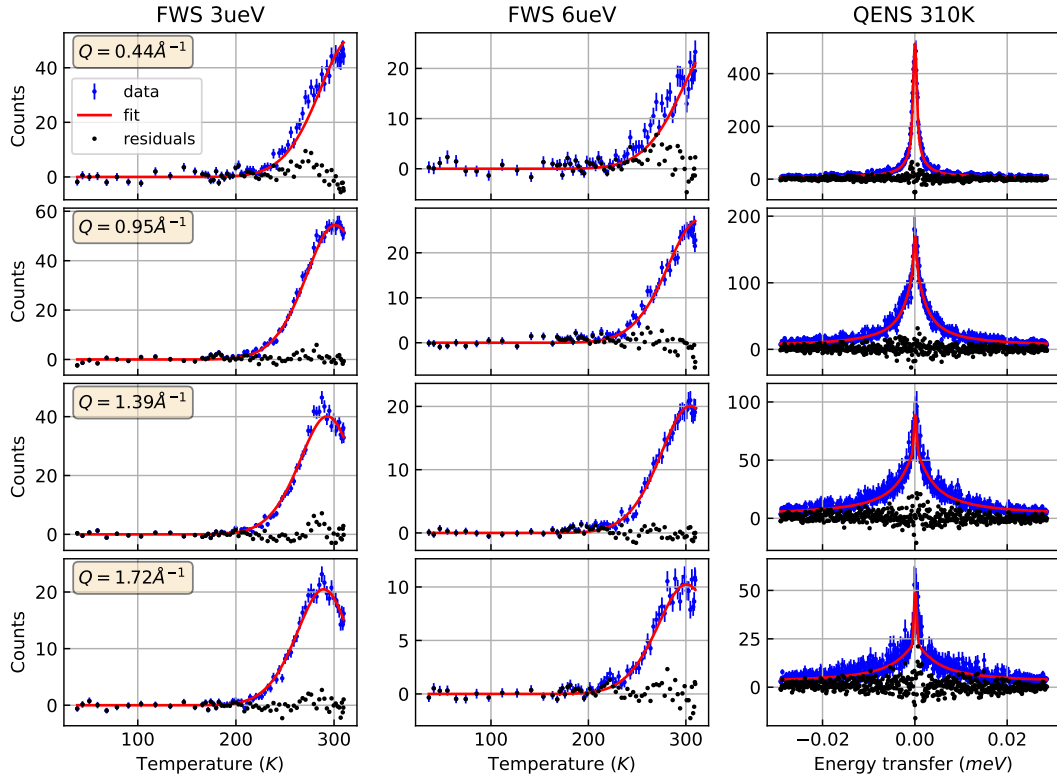
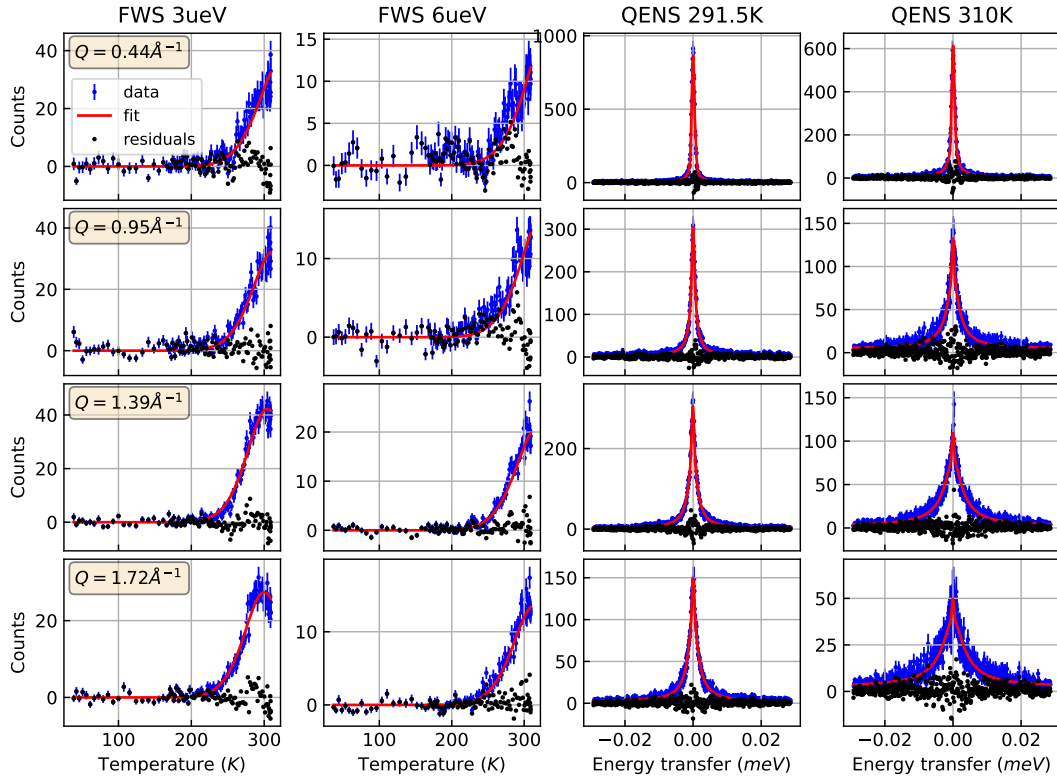


FIG. S1: Data and global fit of neutron spectroscopy data of the $x_{gly} = 0.4$ sample, showing both fixed window scans (FWS) and energy resolved spectra (QENS) for 4 selected Q -values at two pressures.

$$x_{gly} = 0.7 \quad p = 0.1MPa$$



$$x_{gly} = 0.7 \quad p = 400MPa$$

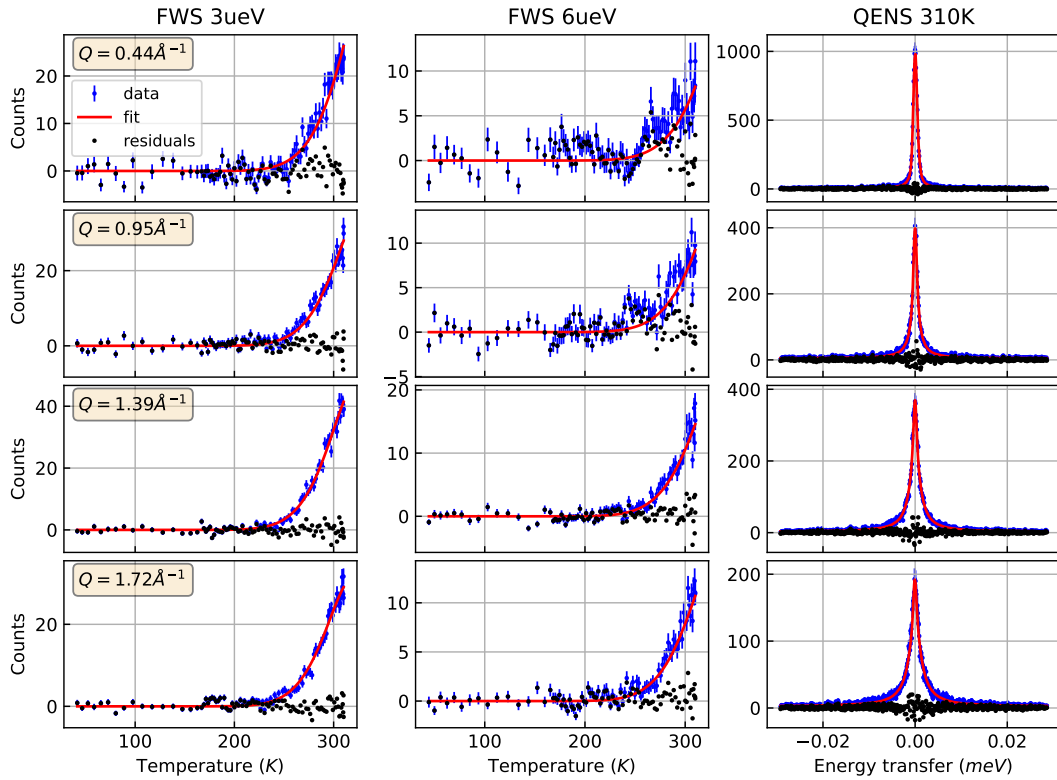


FIG. S2: Data and global fit of neutron spectroscopy data of the $x_{gly} = 0.7$ sample, showing both fixed window scans (FWS) and energy resolved spectra (QENS) for 4 selected Q -values at two pressures.

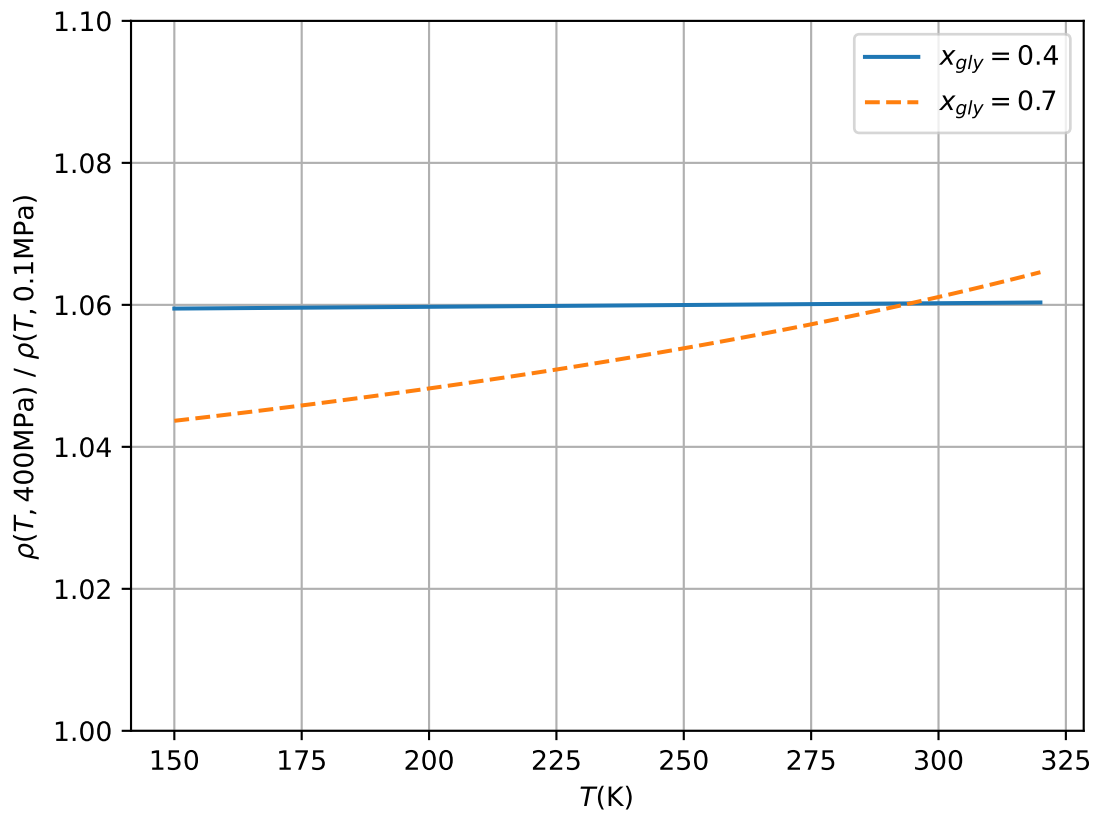


FIG. S3: Density ratio between 400 MPa and 0.1 MPa for the two glycerol-water mixtures investigated in this work, as calculated from the Eq. 1.