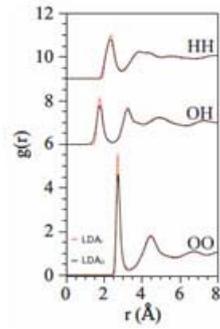


## RESEARCH HIGHLIGHT

### Relaxation effects in low density amorphous ice: Two distinct structural states observed by neutron diffraction

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Neutron diffraction with H/D isotopic substitution is used to investigate the structure of low density amorphous ice produced from (1) high density amorphous ice by isobaric warming and (2) very high density amorphous ice by isothermal decompression. Differences are found in the scattering patterns of the two low density amorphous ices that correlate with structural perturbations on intermediate length scales in the hydrogen bonded water network.

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