Supporting Information

for

Ultrafast Observation of Isomerization and Complexation in the Photolysis of Bromoform in Solution

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The plots on the left show the transient absorption spectra following 267-nm photolysis of CHBr₃ in cyclohexane at different concentrations ranging from 2% to 90%. The open points are the measured absorption at different times ($\Delta t$) after the photolysis pulse. The structure in the short wavelength part of the spectrum is an artifact arising from a slight optical misalignment. The dashed lines are fits to a simple sequential kinetics scheme, and the solid lines are the fits to the more elaborate model described in the text. The plots on the right show the corresponding time evolution at different wavelengths as open points with the fits also shown as dashed and solid lines.
CHBr₃ in cyclohexane

Probe Wavelength, λ/nm  Delay, ∆t/ps

2%

10%

30%
CHBr₃ in cyclohexane

![Graph showing absorption spectra at different probe wavelengths and delays.](image-url)