Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics

SUPPORTING MATERIALS

Vibrational manifestations of strong non-Condon effects in the $H_3O^+ \cdot X_3$ (X=Ar, N_2, CH_4, H_2O) complexes: Microscopic analogues of the "association band" in the vibrational spectrum of water?

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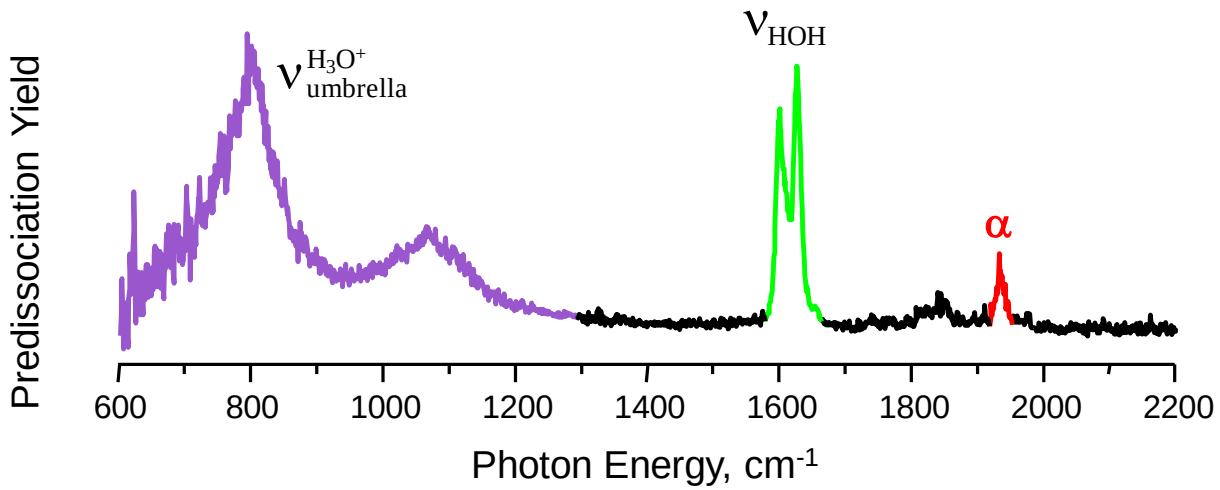

Figure S1: Ar predissociation spectrum of $H_3O^+ \cdot Ar_4$ collected over the 600-2200 cm^{-1} range. The spectrum was collected by monitoring the loss of a single Ar atom as a function of wavelength.

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