Supplementary Material for "Large-Amplitude Vibrations of an N-H$\cdots\pi$ Hydrogen Bonded Cis-Amide–Benzene Complex"

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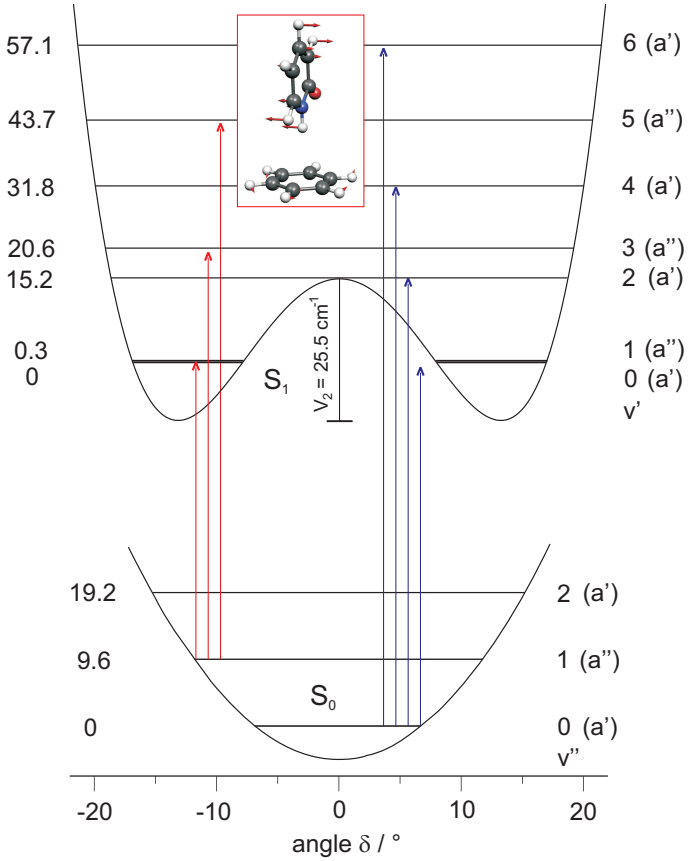

Figure 1: Fitted S_0 and S_1 state effective δ potentials for d_1-2-pyridone·benzene. The S_1 barrier is $V_2(S_1)$=25.5 cm^{-1}, the S_1 state equilibrium angles are $\delta_{min} = \pm 13.2°$.