

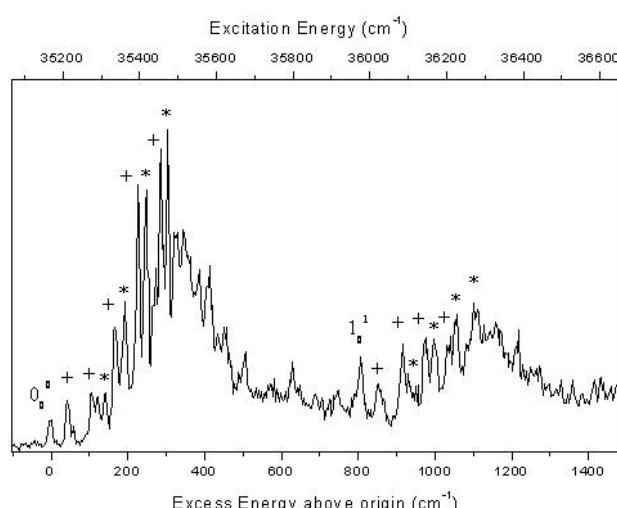
Complete Set of UV Spectroscopy Techniques within a Cryogenic Cooled Quadrupole Ion Trap

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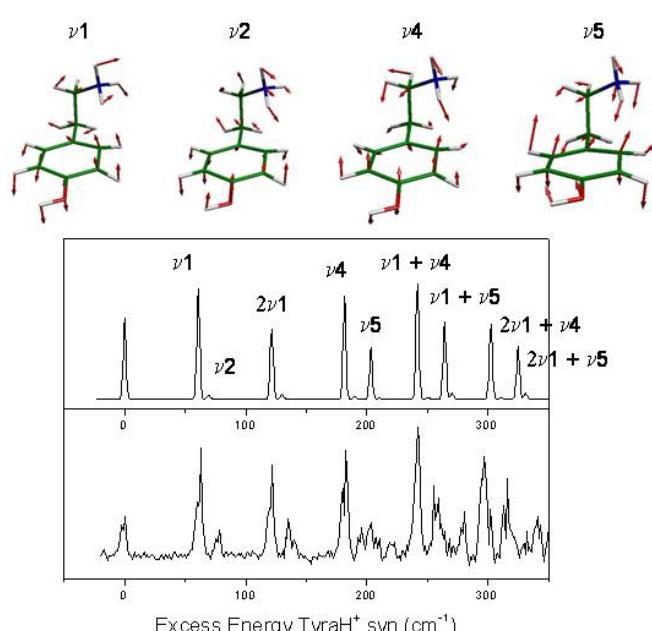
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Electronic Supporting Information ESI



SI 1 : Excitation spectrum of TyraH⁺ recorded on a large spectral domain with the picosecond OPA laser. The marked bands refer to the vibronic transitions of syn (cross) and anti (star) conformers used to monitor the evolution if the excited state lifetime or TyraH⁺ as a function of the excess energy in S₁.



SI 2 : Mode analysis of the Franck Condon simulation of TyraH⁺ syn conformer.