Supplementary Material

EXPERIMENTAL RESULTS

Figure S1 presents a typical time-of-flight spectrum measured at λ = 400 nm.

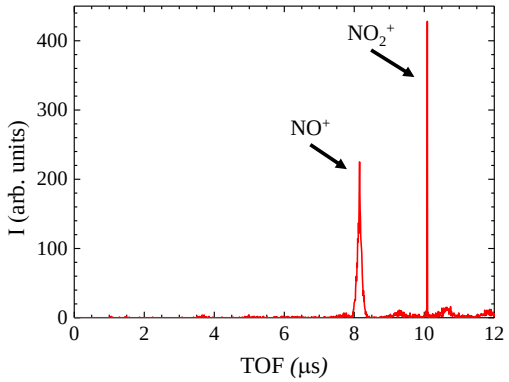

Figure S1: Time-of-flight spectrum for all coincident events (ion, electron) during a measurement at λ = 400 nm using a 30 V/cm extraction field.

Figure S2 presents the measured branching ratio for the different main photoionization processes α, A and D as a function of the excitation wavelength.

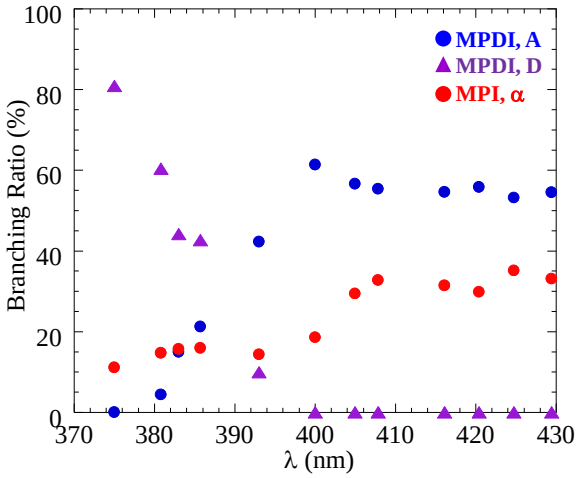

Figure S2: Branching Ratio for the multiphoton ionization process α and the dissociative ionization processes A and D as a function of the excitation wavelength