(1 + 1) REMPI SPECTROSCOPY OF $NO.N_2$ and NO.CO VIA THE $\tilde{A}$ STATE

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The $\tilde{A} \leftarrow \tilde{X}$ transition of the $NO.N_2$ and NO.CO molecular complexes have been recorded using one-color (1 + 1) REMPI spectroscopy. The spectra exhibit vibronic features, which indicate some of the underlying rotational structure. Some insights into the structure of the spectra are gleaned from ab initio calculations.