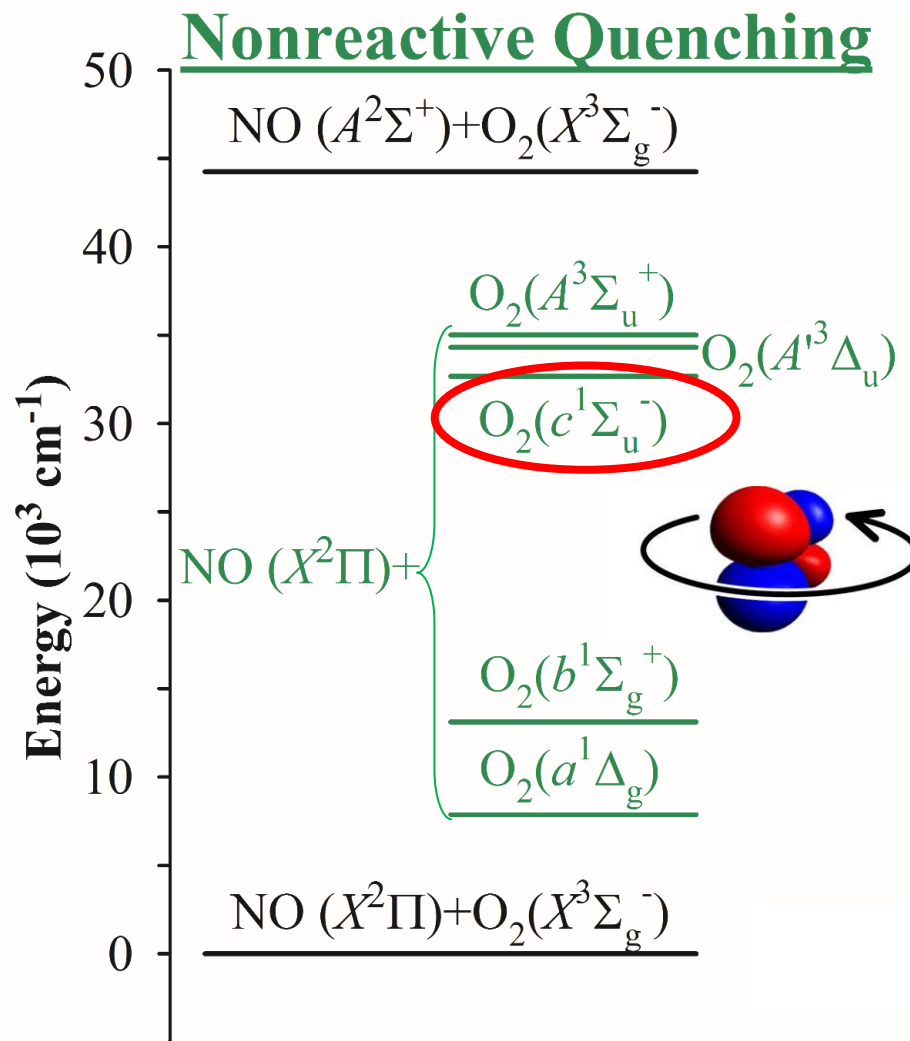
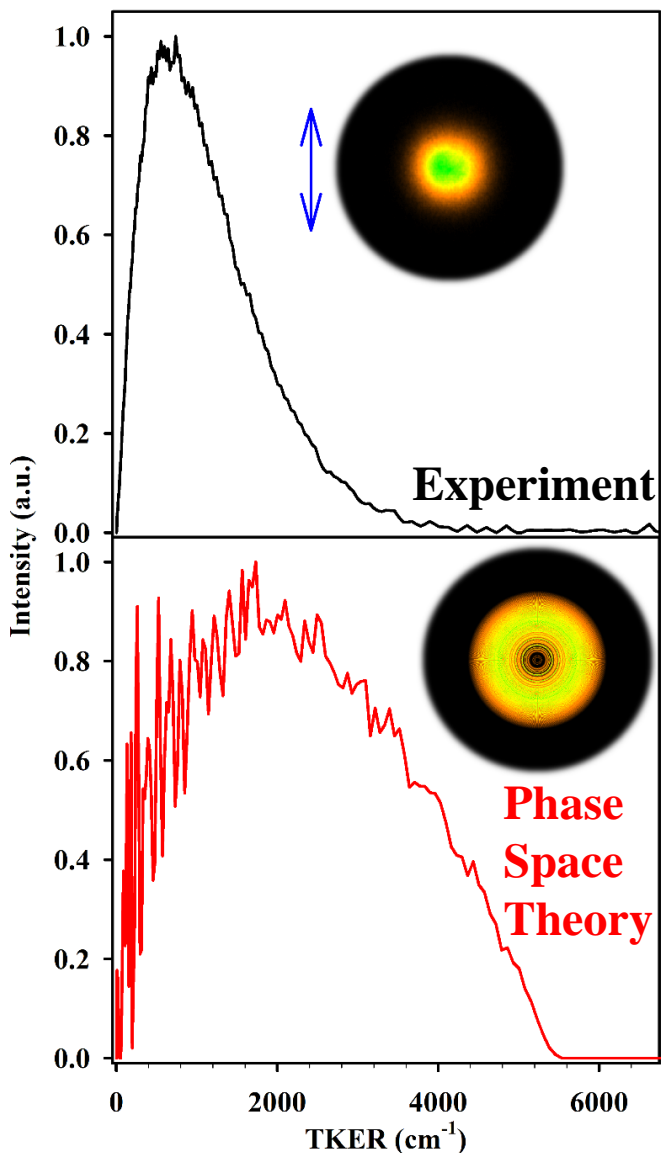


P5666: IMAGING THE NONREACTIVE COLLISIONAL QUENCHING DYNAMICS OF NO ($A^2\Sigma^+$) RADICALS WITH O₂ ($X^3\Sigma_g^-$)

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- **Isotropic image consistent with long-lived NO₃ collision complex**
- **PST simulation using O₂ ($c^1\Sigma_u^-$) is more consistent with experimental results**
- **NO ($X^2\Pi$) generated primarily in $\Pi(A'')$ Λ -doublet; 'head over heels'**
- **Deviations indicate that dynamical effects in the conical intersection region play a role**