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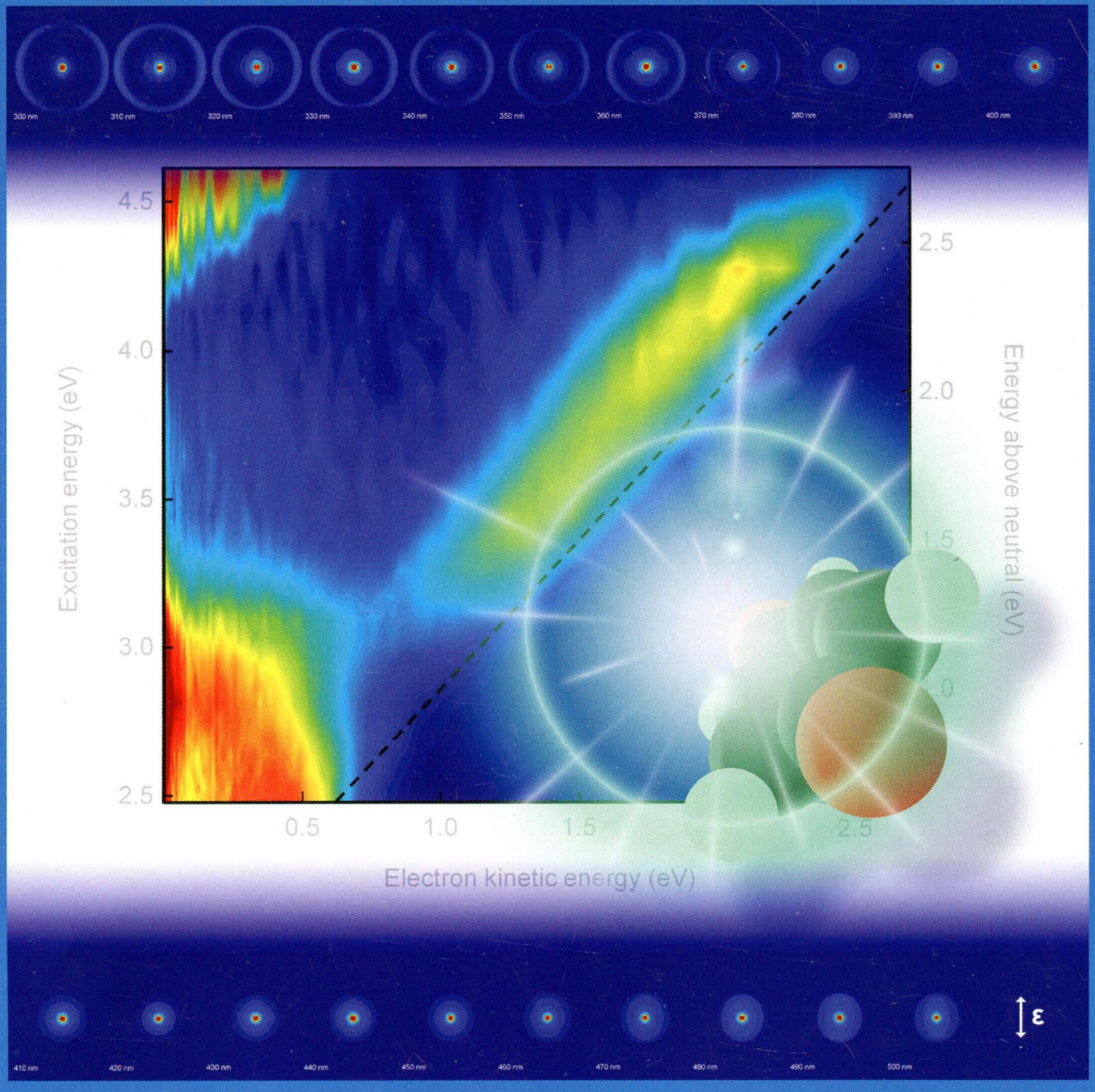

Anionic Resonances of *Para*-Benzoquinone Have Been Probed by Frequency- and Angle-Resolved Photoelectron Spectroscopy
(see page 11346)

ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY, GEOCHEMISTRY, AND ASTROCHEMISTRY; THEORY

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ON THE COVER: Photoelectron imaging at photon energies spanning a range of the continuum allows resonances of the radical anion of *para*-benzoquinone to be probed. The frequency-resolved photoelectron spectra show clear evidence for above threshold dynamics leading to the formation of the ground electronic state. Changes in the anisotropy of the emitted electrons provide insight into changes in electronic character of excited states. The methodology is broadly applicable to the study of anionic resonances of large molecules. See page 11346.

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