Abstract Submitted
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Photoionization and photoelectron spectroscopy of doped helium nanodroplets DANIEL NEUMARK, University of California, Berkeley — Photoionization and photoelectron spectra for helium nanodroplets doped with rare gas atoms and SF_6 will be reported. The experiments were conducted using tunable synchrotron radiation at the Advanced Light Source in the photon energy range of 14-26 eV. Time-of-flight mass spectra will be presented, along with photoion and photoelectron images. The results will be compared to previous electron impact ionization data.

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