

Abstract Submitted
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Electron-Impact Ionization of Kr C. J. FAVREAU, M. S. PINDZOLA,
Auburn University, Auburn AL — A time-dependent close-coupling method is used to calculate the electron-impact ionization cross section for the Kr atom. The valence bound orbital is found from Hartree-Fock Relativistic calculations for Kr, while the potential for the scattered and ejected electrons is also found from Hartree-Fock Relativistic calculations for Kr. The cross sections are compared with time-independent distorted-wave calculations and experiment.

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