

Abstract Submitted
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Electron Ionization of the W Atom¹ M S PINDZOLA, S D LOCH,
Auburn University — Electron-impact ionization cross sections are calculated for
the ground configuration of the W atom. Time-dependent close-coupling cross sec-
tions for the direct ionization of the 5d and 6s subshells leading to single ionization
are calculated with and without a polarization potential. Configuration-average
distorted-wave cross sections for the direct ionization of the 5d and 6s subshells
leading to single ionization are also calculated with and without a polarization po-
tential.

¹DOE

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