

Abstract Submitted
for the DAMOP20 Meeting of
The American Physical Society

Electron-Impact Ionization of He $1s2s\ ^3S^1$ M. S. PINDZOLA, Auburn University, J. P. COLGAN, LANL — Electron-impact ionization cross sections are calculated for the $1s2s\ ^3S$ excited state of the He atom. A time-dependent close-coupling method is used to calculate both single and double ionization cross sections. Theoretical double ionization cross sections are compared with crossed-beams experimental measurements at Louvain-la-Neuve, Belgium.

¹Work supported in part by grants from DOE

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Date submitted: 23 Jan 2020

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