

Abstract Submitted  
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**Photon Ionization along the Fe Isonuclear Sequence**<sup>1</sup> J.P. COLGAN, Los Alamos National Laboratory, M. S. PINDZOLA, Auburn University — A time-dependent close-coupling method is used to calculate one and two photon ionization cross sections along the Fe isonuclear sequence. Specific calculations are made for the ground configurations of Fe+14, Fe+15, Fe+16, and Fe+17. These calculations are in support of efforts to compare theory and experiment for iron opacities in hot dense plasmas.

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M. S. Pindzola  
Auburn University

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