

Abstract Submitted
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Double Photoionization of C^{2+} M.S. PINDZOLA, SH. A. ABDEL NABY, Auburn University, Auburn, AL, J. COLGAN, Theoretical Division, Los Alamos National Laboratory, Los Alamos, NM — A time-dependent close-coupling method is used to calculate the single photon double ionization of C^{2+} in support of a planned experiment at FLASH/DESY using an EBIT. At a photon energy of 125 eV the two outgoing electrons share an energy of 12.3 eV. Energy and angle differential cross sections are calculated to fully investigate the correlated motion of the two photoelectrons.

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