

Abstract Submitted
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Multiphoton Double Ionization of H₂¹ Y. LI, M. S. PINDZOLA,
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photon double ionization probabilities for H₂ are calculated using a time-dependent
close-coupling method. Total double ionization probabilities are calculated for 2, 3,
and 4 photon absorption in the energy range from 10 eV to 50 eV. Single and triple
differential probabilities are calculated at photon energies where the total ionization
probability is near a maximum.

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