

Abstract Submitted
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Low Energy Electron Impact Excitation of Molecular Hydrogen and Carbon Monoxide¹ MATEUSZ ZAWADZKI, GRANT DOLMAT, BIANCA DIAZ, GILLIAN TATREAU, Cal State Univ- Fullerton, EIMON ERFANFAR, Troy High School, Fullerton, MURTADHA A KHAKOO, Cal State Univ- Fullerton — We present measurements of differential cross-sections for inelastic scattering of low energy electrons from molecular hydrogen and carbon monoxide for incident energies of 6 eV to 25 eV and scattering angles of 20 to 130 degrees using time-of-flight and conventional electron spectrometers. Comparisons with experimental and theoretical results are made.

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