Abstract Submitted
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Low Energy Electron Impact Elastic and Vibrational Excitation of Acetonitrile.[1] MATEUSZ ZAWADZKI, GRANT DOLMAT, BIANCA DIAZ, GILLIAN TATREAU, BORNA HLOUSEK, MURTADHA A KHAKOO, Cal State Univ- Fullerton — We present measurements of differential cross-sections for elastic scattering of low energy electrons from acetonitrile for incident energies of 0.7eV to 30eV and scattering angles of 10 to 130 degrees and for vibrational excitation of acetonitrile for 6 incident energies from 1.5eV to 5eV in the same angular range. Comparisons with available experimental and theoretical results are made.

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