Abstract Submitted
for the DAMOP16 Meeting of
The American Physical Society

Electron impact vibrational excitation of methyl chloride.[1] AHMAD SAKAAMINI, LEIGH HARGREAVES, MURTADHA KHAKOO, Cal State University Fullerton, CA 92931, USA — Low energy differential cross sections and excitation functions for vibrational excitation of CH_3Cl are presented for five vibrational features in the electron energy loss spectrum of this molecule. Electron energies range from 1eV to 15 eV and scattering angles from 10^o to 125^o. Results will be compared to existing data for CH_3Cl in the literature.

[1]Funded by a NSF-AMOP-RUI grant

Murtadha Khakko
Cal State University Fullerton, CA 92931, USA

Date submitted: 28 Jan 2016 Electronic form version 1.4