

Abstract Submitted
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Low Energy Elastic Scattering from Water¹ MURTADHA A. KHAKOO, JOHN MUSE, Physics Department, Cal State University, Fullerton, USA, HELEN SILVA, MARIA CRISTINA A. LOPES, Physics Department, Federal University of Juiz de Fora, Brazil — Differential electron scattering cross-sections have been measured for elastic scattering from water molecules. The method of relative flow, but with an aperture replacing traditional gas collimating structures. In addition, the gas source was moved to determine the background scattering contribution. The measurements were taken at incident energies of 1eV to 100eV and scattering angles of 5° to 130°. Comparisons with theory and former experiments will be presented.

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