Abstract Submitted
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Elastic Electron Scattering from Hexafluoropropene[1] LEIGH HARGREAVES, AHMED SAKAAMINI, BORNA HLOUSEK, SABAHA KHAKOO, MURTADHA KHAKOO, Cal State University Fullerton, USA, CARL WINSTEAD, VINCENT MCKOY, Caltech, USA — Low energy, experimental and theoretical elastic electron scattering differential cross sections (DCS) are presented. The experimental DCSs are obtained at incident electron energies from 0.5eV to 20eV and for scattering angles from 10 to 130 degrees using the relative flow method with helium as a reference standard. Our model uses the multi-channel Schwinger method with polarization effects included.

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