Total Cross-Sections for Electron Scattering of C_3H_6 Isomers: A Modified Additivity Rule Approach

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A modified additivity rule approach has been presented. Total cross-sections (TCSs) for electron scattering of C_3H_6 isomers (C_3H_6 and c-C_3H_6) have been calculated at 10 – 300 eV employing the modified additivity rule. The approach for the TCSs of C_3H_6 isomeric molecules is simple, and it yields better accord with experiments in the present energy range.

Key words: Modified Additivity Rule; Cross-Sections; C_3H_6 Isomers.
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