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Excitation Plus Ionization in Electron-Atom Collisions to He^+ ($n=2$): $(e,2e)$, $(e, e\gamma)$ and $(e, 2e\gamma)$ Studies

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Abstract: Simultaneous excitation-ionization of helium atoms by electron impact is observed by the coincidence detection of the outgoing particles. The relationship between $(e,2e)$, $(e,e\gamma)$ and $(e,2e\gamma)$ experiments is discussed.

Key Words: Ionization-Excitation, Helium, Electron, Triple Coincidence, Correlation

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