

## Elastic electron scattering by xenon atom and data coverage within BEAMDB

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We investigated data on elastic electron scattering by xenon atom in the intermediate electron energy range (from 10 eV to 100 eV). Our preliminary survey have been contrasted to those data curated within BEAMDB - Belgrade Electron/Atom (Molecule) DataBase. BEAMDB<sup>1</sup> is one of the VAMDC (Virtual Atomic and Molecular Data Centre) nodes specialized for data on electron interactions (elastic scattering, excitation, ionization, energy loss spectra, threshold spectra) with atomic species. Previous recent work on xenon atom involves Auger spectra (Jureta *et al.* 2023). We just want to mention some of the earlier work on electron scattering that includes excitations (Filipović *et al.* 1988), ionization (Stephan and Märk, 1984) and elastic scattering (Cho *et al.* 2006).

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<sup>1</sup> <http://servo.aob.rs/emol/>