

Nuclear charge radii of neutron-rich scandium and zinc isotopes

Wednesday 29 January 2025 11:00 (30 minutes)

The isotope shifts of neutron-rich Sc and Zn isotopes have been measured in recent years using high-resolution laser spectroscopy techniques. By taking advantage of advanced atomic theory calculations, the nuclear charge radii of these two isotopic chains have been determined or re-evaluated, providing valuable insights into their nuclear structure. This contribution will present the measured isotope shifts, as well as the extracted or re-evaluated charge radii for both isotopic chains.

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Session Classification: Session 4