

Isotope Shift and Charge Radii Measurements with the CRIS experiment at ISOLDE

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Over the last decade the CRIS experiment has measured utilised a high resolution resonance ionisation spectroscopy technique (CRIS) to measure charge radii in exotic nuclei. The low background and high efficiency has allowed the technique to measure short-lived exotic systems with production yields down ~ 10 atoms/second. This presentation will summarise the technical developments, challenges and results from the last 10 years of activity.

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