

Measurement results of Ar^{8+} beam using diagnostic device during RAON commissioning

Thursday, November 14, 2024 4:55 PM (20 minutes)

The Rare-isotope Accelerator complex for ON-line experiment (RAON) is a heavy ion accelerator with a maximum beam power of 400 kW. The ion beam generated from the injector is accelerated in the SCL3 and then transmitted through the P2DT section to the KoBRA or NDPS laboratory. It is important to measure various beam parameters accurately not only for beam transmission without loss, but also as information to be provided to the user. For this purpose, various diagnostic devices such as Faraday cups and wire scanners are installed in the beam line. We performed diagnostic device measurements under various beam conditions. This presentation summarizes the results of the RAON diagnostic device measurements using Ar^{8+} beams.

Paper submission Plan

Best Presentation

Contribution track

ICABU WG2. Beam Physics, Diagnostics & Novel Techniques

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Session Classification: ICABU WG2

Track Classification: ICABU: ICABU WG2. Beam Physics, Diagnostics & Novel Techniques