



Contribution ID: 94

Type: **Poster contribution**

## Overview of recent production cross-section measurements at the FRagment Separator FRS

*Tuesday, 21 October 2025 19:12 (1 minute)*

Studies of nuclei far from the valley of stability are of interest, as they offer valuable insights into novel or unexpected nuclear properties. These studies are relevant to various fields of physics ranging from fundamental physics, nuclear astrophysics, and applications. Therefore, it is important to produce, identify and study such exotic nuclei far from the valley of stability. The possible rate and yield of the exotic isotopes are determined by their production cross-sections and require accurate knowledge to plan new experiments and allocate sufficient beam time. As precise calculations of production cross-sections are difficult, cross-section measurements are the first step towards research with isotopes far from the valley of stability. Furthermore, these measurements shed light on production mechanisms, reaction kinematics and offer benchmarks for the refinement of theoretical models. In this contribution, an overview of recent activities and first results in the evaluation of fragmentation cross-sections using relativistic heavy ion beam at the FRS at GSI will be presented.

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### Funding Agency

### Classification

Isotope production, target, and ion source techniques

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**Session Classification:** Poster Session

**Track Classification:** Isotope production, target, and ion source techniques