

# Progress towards halo modeling at the SNS Beam Test Facility

*Thursday 29 August 2024 15:20 (5 minutes)*

The SNS beam test facility is a model of the SNS front end (source through medium-energy transport). Ongoing work at the BTF focuses on accurate modeling of the beam distribution to enable the prediction of halo losses (>100 parts per million). This presentation will discuss the latest progress towards this goal, including recent results after a reconfiguration of the test beamline. Good agreement within the 90% beam core is shown for a 30 mA beam at 2.5 MeV.

## Footnotes

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