

Nanomaterials and CNTs in ISOLDE targetry

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CERN-ISOLDE is a facility dedicated to the production of radioactive ion beams (RIBs) for physics research. The quality and quantity of available RIBs is governed by the choice of target materials and their microstructural properties.

In this contribution we highlight the potential of nanomaterials and carbon nanotubes in target material development for more efficient isotope extraction and improved RIB yields.

We will give an overview over past experiences as well as current developments.

Presenter: Dr STEGEMANN, Simon Thomas (CERN)

Session Classification: Beam instrumentation needs 2/2