

Lessons learned from the g-RISING campaign at GSI

mardi 13 mai 2025 09:00 (30 minutes)

In 2006 three g-factor experiments were carried out at the FRS in GSI. Two of them addressed a measurement of the g factor of the $19/2^+$ isomer in ^{127}Sn . In the first one, it was populated in relativistic fission of ^{238}U , and in the second one through relativistic fragmentation of ^{126}Xe . The third experiment addressed the g factor of the 12^+ isomer in ^{192}Pb was studied in relativistic fragmentation. Lessons, which were learned in the experiments, will be discussed.

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