North American Storage Rings & Neutron Captures Workshop



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Proton-induced reactions on stored radioactive ions

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In the last years, a novel technique to study proton-induced reactions on post-decelerated ions has been established in the ESR heavy ion storage ring at GSI.

Very recently this technique has been employed to measure the proton capture cross section on radioactive 118Te ions after in-flight production in the fragment separator FRS.

This contribution gives a summary of the recent developments and achievements as well as an outlook to the future of the experimental campaign.

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