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## Transfer reactions with Isomeric beams for Nuclear Astrophysics

The development of high-quality isomeric beams opens the possibility to probe the influence of nuclear isomers in stellar scenarios and provide experimentally constrained parameters to astrophysical reaction rates. Such is the case of the low-lying isomers along the rp-process nucleosynthesis path, and on nucleosynthesis of Galactic  $^{26}\text{Al}$ .

In this talk, I'll discuss recent experimental efforts to develop high-quality radioactive isomeric beams of  $^{26}\text{Al}^m$  and  $^{24}\text{Na}^m$ , and their use to perform transfer reactions to investigate the influence of the isomeric states in stellar nucleosynthesis processes.

### Topic

Experiment

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