

## **Resonance Studies with Active-Target Detectors: Examples from Prototype AT-TPC**

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Resonance studies are of great importance in the study of nuclear structure and the production of elements in astrophysical scenarios. Active-target detectors are well suited to study resonances with radioactive beams due to their tracking ability and the large amount of target material they provide. An overview of using active-target detectors to perform resonance studies will be presented with examples from experiments performed with the Prototype Active-Target Time-Projection Chamber.

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