

# Development of a supersonic jet target for the cross section measurement of $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ with the recoil mass separator ERNA

*Tuesday, 26 June 2018 19:00 (1h 30m)*

Motivations beyond the ERNA upgrade with a focus on its new jet target development

## Summary

The jet target development bases on a new approach in Nuclear Astrophysics. This produced an innovative setup for the jet which allows the ERNA separator to be operated at the lower energies. The design and the characterization of the jet target are presented.

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