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Neutron capture in Astrophysics

Monday, 28 June 2021 07:45 (30 minutes)

Neutron capture processes are responsible for the astrophysical synthesis of the vast majority of nuclear species heavier than iron. Here we review the major neutron capture nucleosynthesis processes - the s, i, and r processes - and highlight how reductions in individual neutron capture rate uncertainties are crucial for our understanding of each process.

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Session Classification: Introduction 1