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Nuclear properties for astrophysics: an overview

Thursday, December 12, 2024 2:25 PM (40 minutes)

Nuclear astrophysics aims at describing the nuclear properties occurring in and powering astrophysical objects, as well as the cosmic origin of chemical elements found in the Universe. During this talk, I will present some recent progress and future challenges in the field of nuclear data for astrophysics, with a particular focus on the nucleosynthesis of heavy elements.

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Session Classification: Astrophysics and Nuclear Data