Review of Low Energy Nuclear Astrophysics

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Abstract

In this review of Low Energy Nuclear Astrophysics we review the nuclear energy and evolution of the sun. Then we review the estimate of dark matter from galaxy rotation. Next we discuss neutron star formation from the gravitational collapse of massive stars which produces neutron stars and their velocity. Then origin of supernovae, the estimate of dark energy from supernovae acceleration, and experiments related to low energy nuclear astrophysics are reviewed.

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