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Stripping model for short GRB: nuclear data needed

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I shortly review the current status of stripping model for short gamma-ray bursts. The focus will be on the nuclear data needed to accurately simulate the various steps of the model. Namely: to describe a) the slow decompression of the neutron star matter during the stripping itself and b) the rapid decompression of the rest of the NS matter during its explosion. In addition, I will talk about the nuclear data needed to calculate the nucleosynthesis process (r-process) that accompanies the explosion of a light NS.

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