

Supernova nucleosynthesis

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After the Big Bang nucleosynthesis, the first heavy element enrichment in the Universe was made by a supernova (SN) explosion of a population (Pop) III star (Pop III SN). The abundance ratios of elements produced from Pop III SNe are recorded in abundance patterns of extremely metal-poor (EMP) stars. The observations of the increasing number of EMP stars have made it possible to statistically constrain the explosion properties of Pop III SNe. I briefly summarize the supernova nucleosynthesis of Pop III SNe inferred from the observations of EMP stars.

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Talk/Poster

Talk

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