

Enrichment of neutron-rich elements by massive stars and neutron-star mergers in galactic history

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The data on abundances of neutron-rich elements in metal-poor stars of the Galactic halo and dwarf galaxies are diverse and difficult to interpret. I argue that this is mostly due to the multiple mechanisms producing such elements in the early universe. An additional complication is caused by the mixing of nucleosynthetic products from various sources in the framework of hierarchical structure formation at early times and then in a prototypical galactic disk.

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