

Monitoring and modeling of type IIP supernovae.

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Observations of SNe IIP 2013ej and 2012aw were performed on AZT-8 (Crimea, settl. Nauchny) and LX200 (Peterhof, SPBU) telescopes. Then data were processed and analyzed. Models for this type of SNe were constructed using package STELLA developed by Blinnikov S.I. et al. Models with the best fit of the observations were selected.

References

- [1] Blinnikov, S & Tolstov, A & Sorokina, E, *Radiation hydrodynamics of supernova shock breakouts* High Energy Density Physics, 9, 1 (2013)
- [2] Blinnikov, S & Bartunov, O, *STELLA: Multi-group Radiation Hydrodynamics Code* Astrophysics Source Code Library, record ascl:1108.013 (2011)

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