The transitions in interacting supernovae

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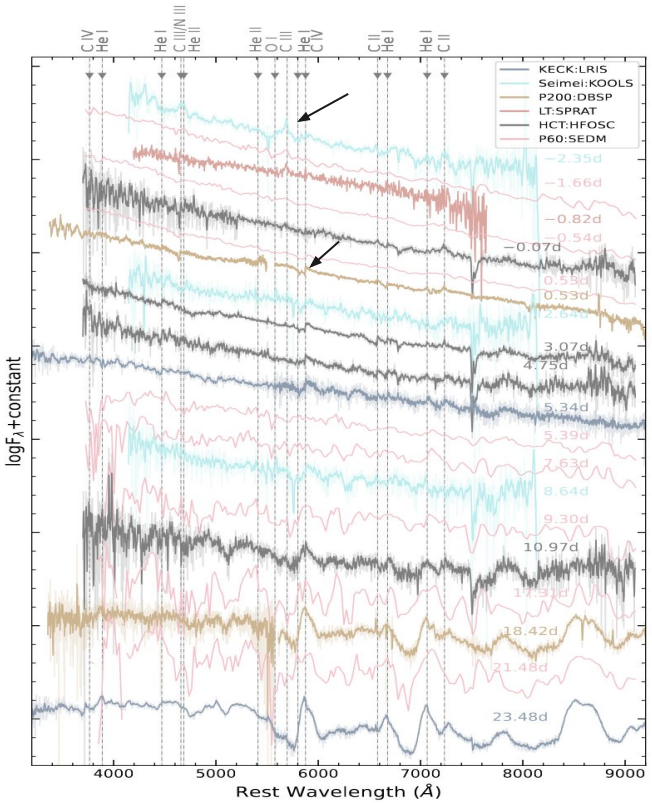
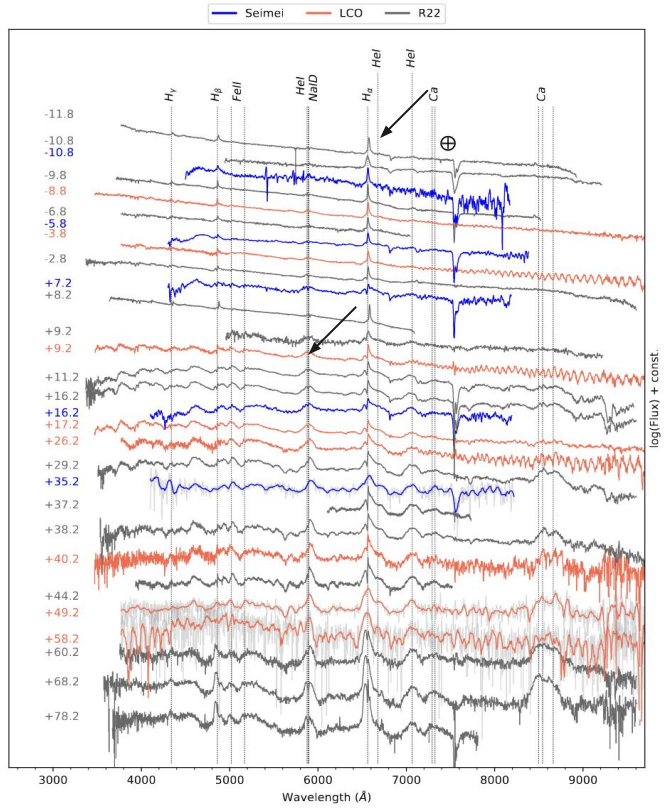
The unique cases of SNe 2021foa and 2023xgo: IIn to Ibn and Icn to Ibn transition





- SN 2021foa: **IIn↔Ibn bridge:** Early H-rich CSM (IIn-like) + strong He I (Ibn-like).
- SN 2023xgo:**Ibn/Icn transition:** Early C III λ5696 (Icn-like) → Ibn features.
- Lightcurve and spectral modelling favoured low Ni mass, low CSM and ejecta masses for both scenario.
- More favourable low mass He stars in binary, cannot rule out LBVs!

Gangopadhyay et al. 2025a,b, MNRAS