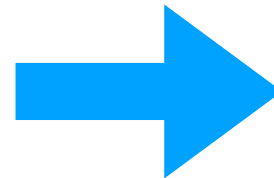


Expected abundance patterns from the first generation of stars

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Abundance patterns
of EMP stars



Pop. III
nucleosynthesis
models and mass
distribution

- How is the form of IMF?
 - Stellar model with yields from

{ Heger & Woosley (2002)
Nomoto et al. (2006)
Cescutti et al. (2006)
Karlsson et al. (2013)

varying different parameters of the IMF (i.e. $M_{\min}$, $M_{\max}$, index α)

- Explore [C/Fe], [O/Fe] ratios and we account for r-process element, Eu ([Eu/Fe])
- **Preliminary results:** on poster!