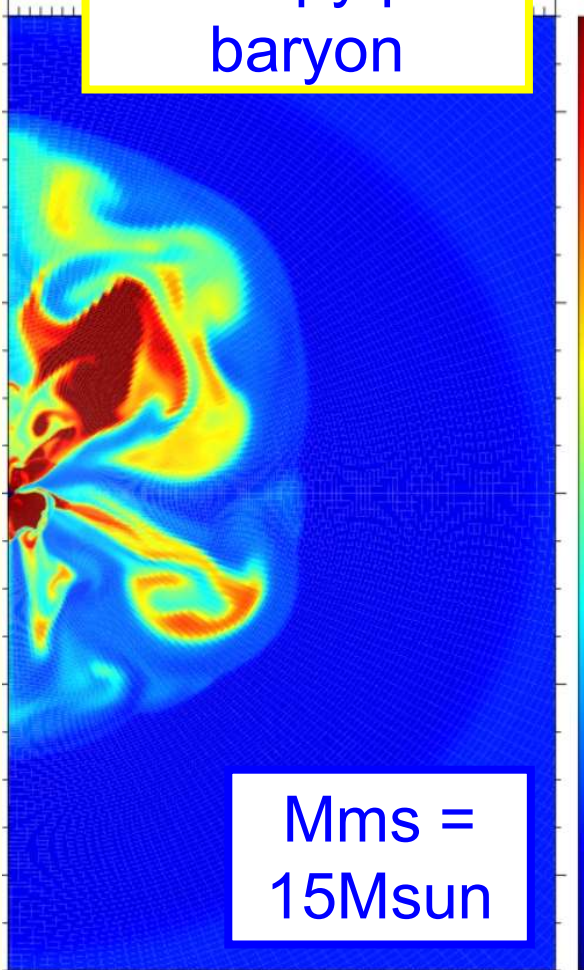


Explosive Nucleosynthesis in Aspherical Supernovae of Pop III Stars

Shin-ichiro Fujimoto
(NITK, Japan)

Aspherical Explosion

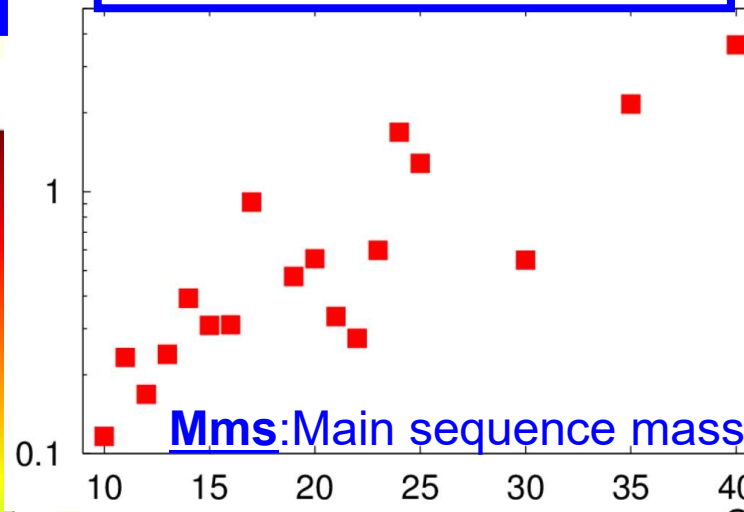
Entropy per
baryon



Mms =
15Msun

5000km x 10000km

$E_{exp}/10^{51} \text{erg}$ vs Mms

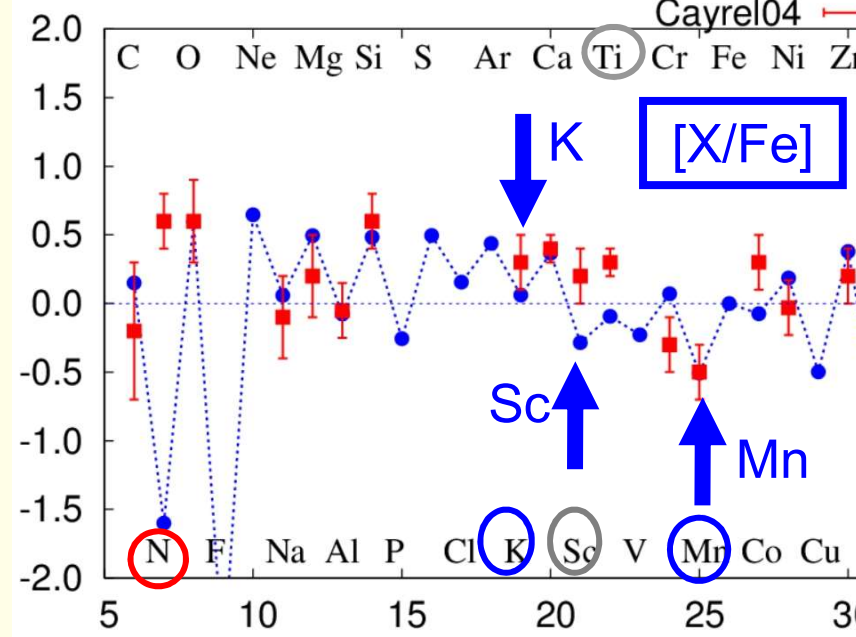
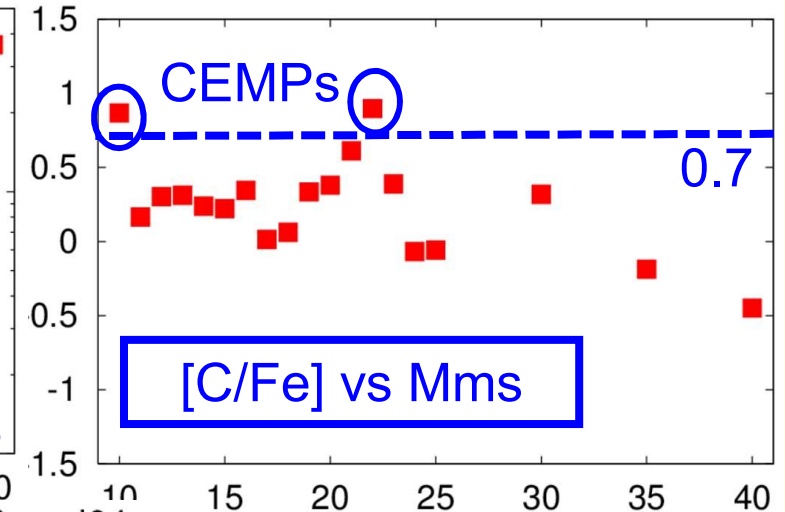


Mms: Main sequence mass

(NITK, Japan)

CEMPs

[C/Fe] vs Mms



- : Observed abundances (Cayrel+04)
- : Our Z=0 2D model IMF averaged [X/Fe] of (10-40) SNe

Atomic number