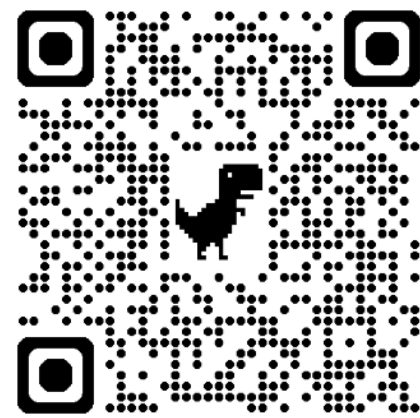


Physical Conditions for Synthesis of Sc, Ti, and V in Neutrino-driven Supernovae

[Link to Paper](#)

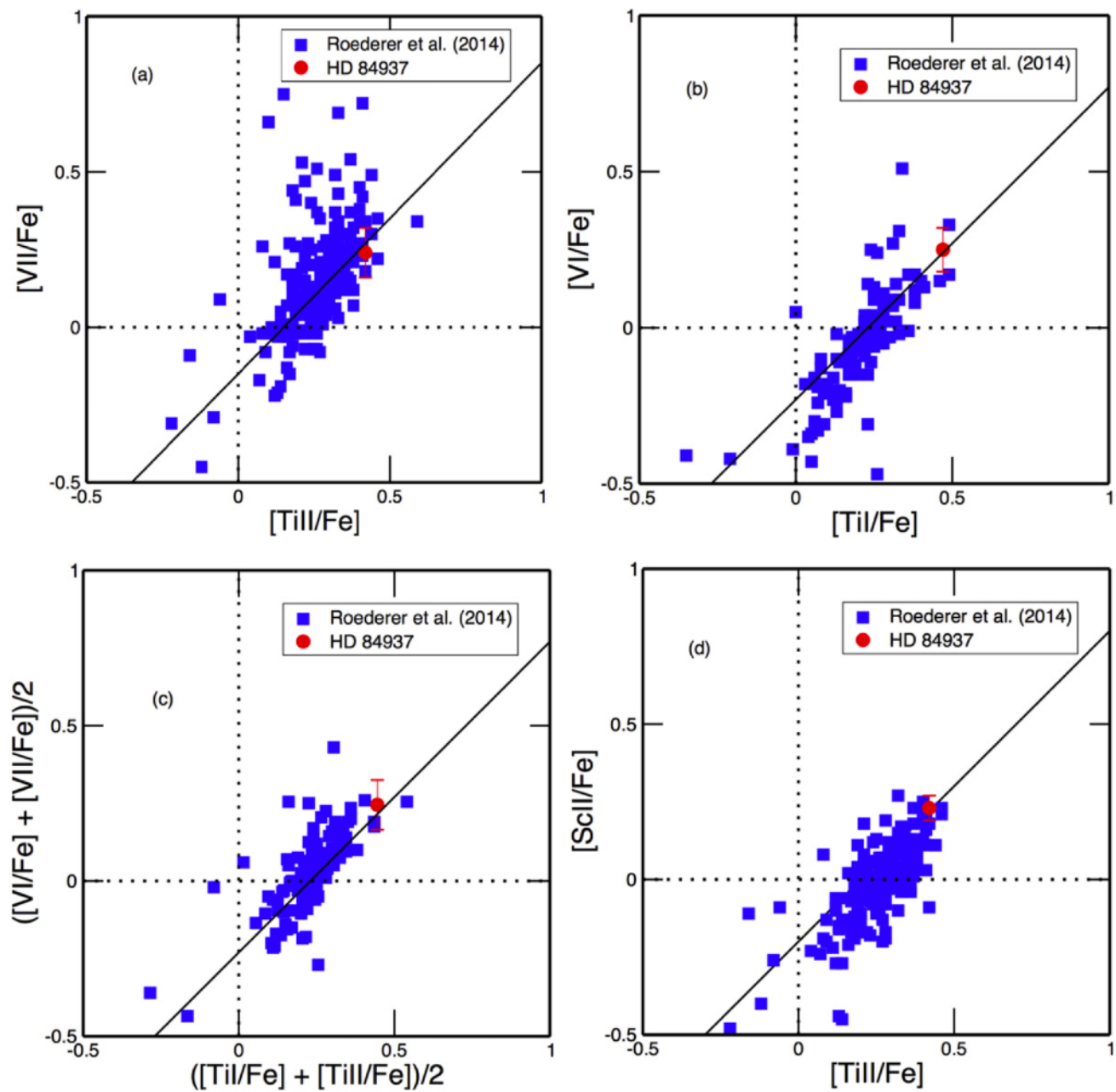


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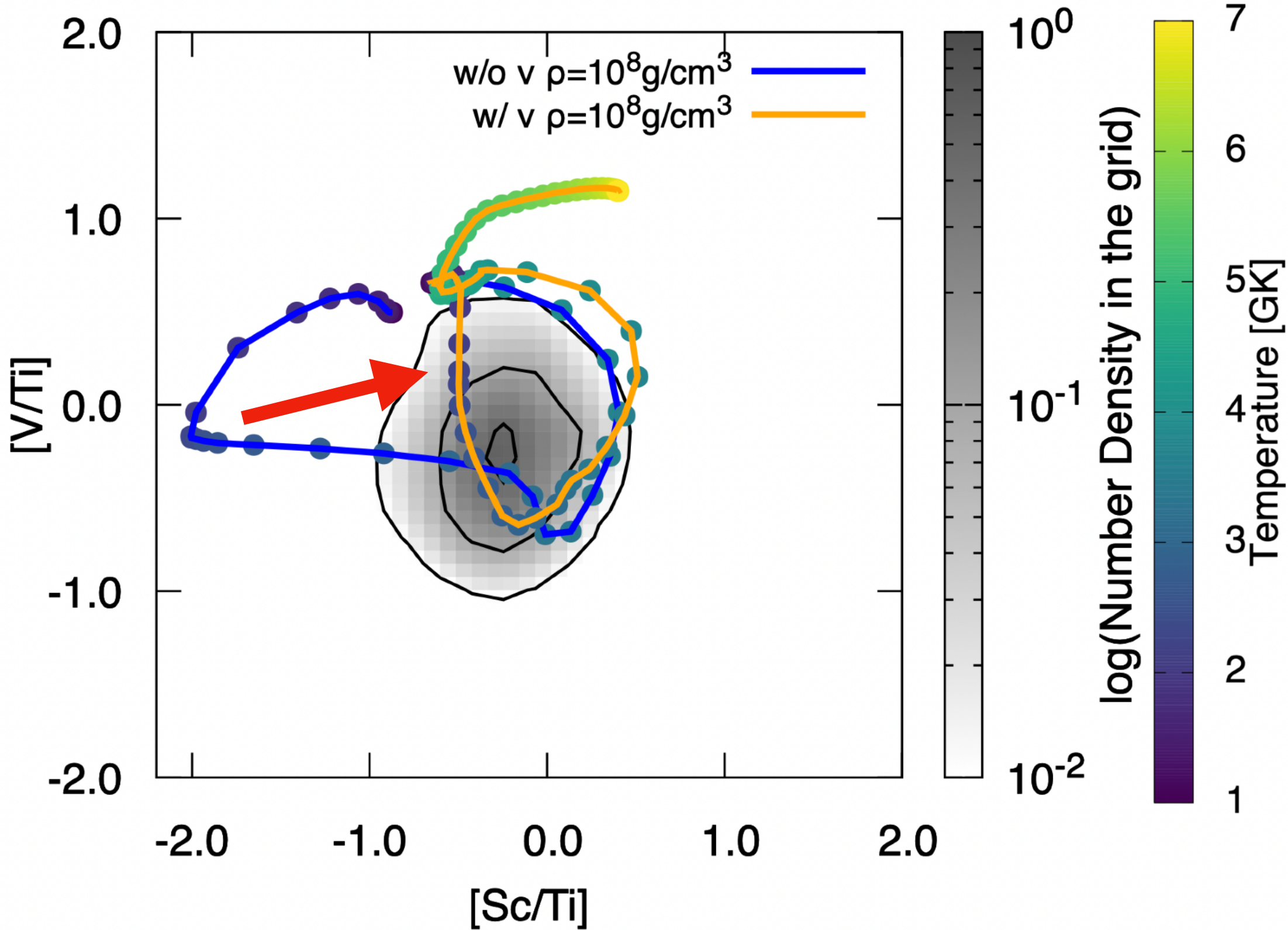
Motivation

Sneden+16



Numerical simulation have not reproduced abundances ratio

Result



Key point

Neutrinos enhance Sc and V

Criteria

Temperature:

$$2 \leq T_9 \leq 3.2$$

Neutrino Exposure:

$$F_\nu \times t_{\text{nuc}} \simeq 10^{35} \text{ erg/cm}^2/\text{s}$$