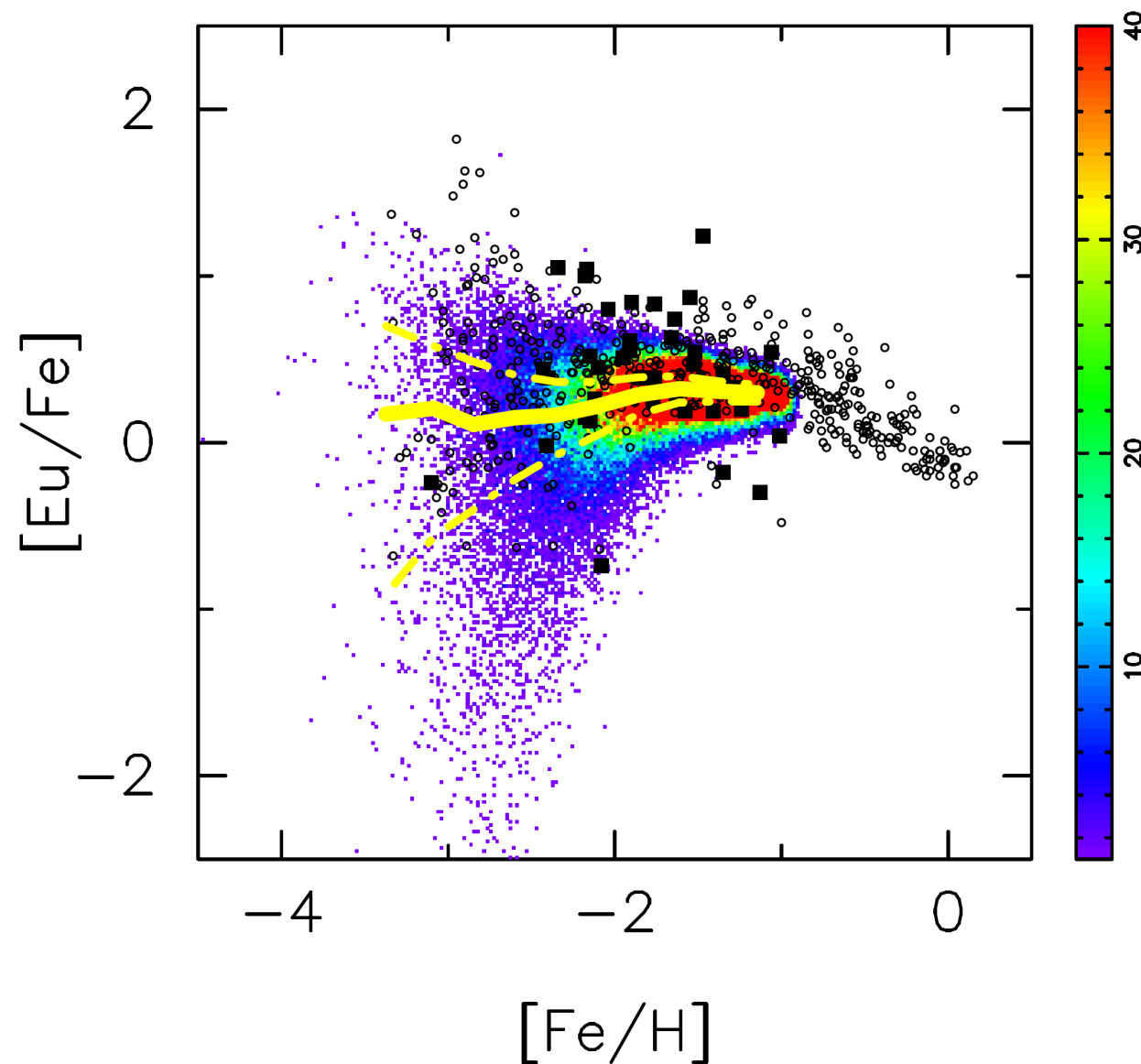


Chemo-dynamical evolution of the Local Group dwarf galaxies: The origin of r-process elements

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The **r-process elements** provide us clues to understanding the early evolutionary history of galaxies

Neutron star mergers with merger time of **100 Myr** can be the site of r-process



Hirai et al. 2015, ApJ 814, 41