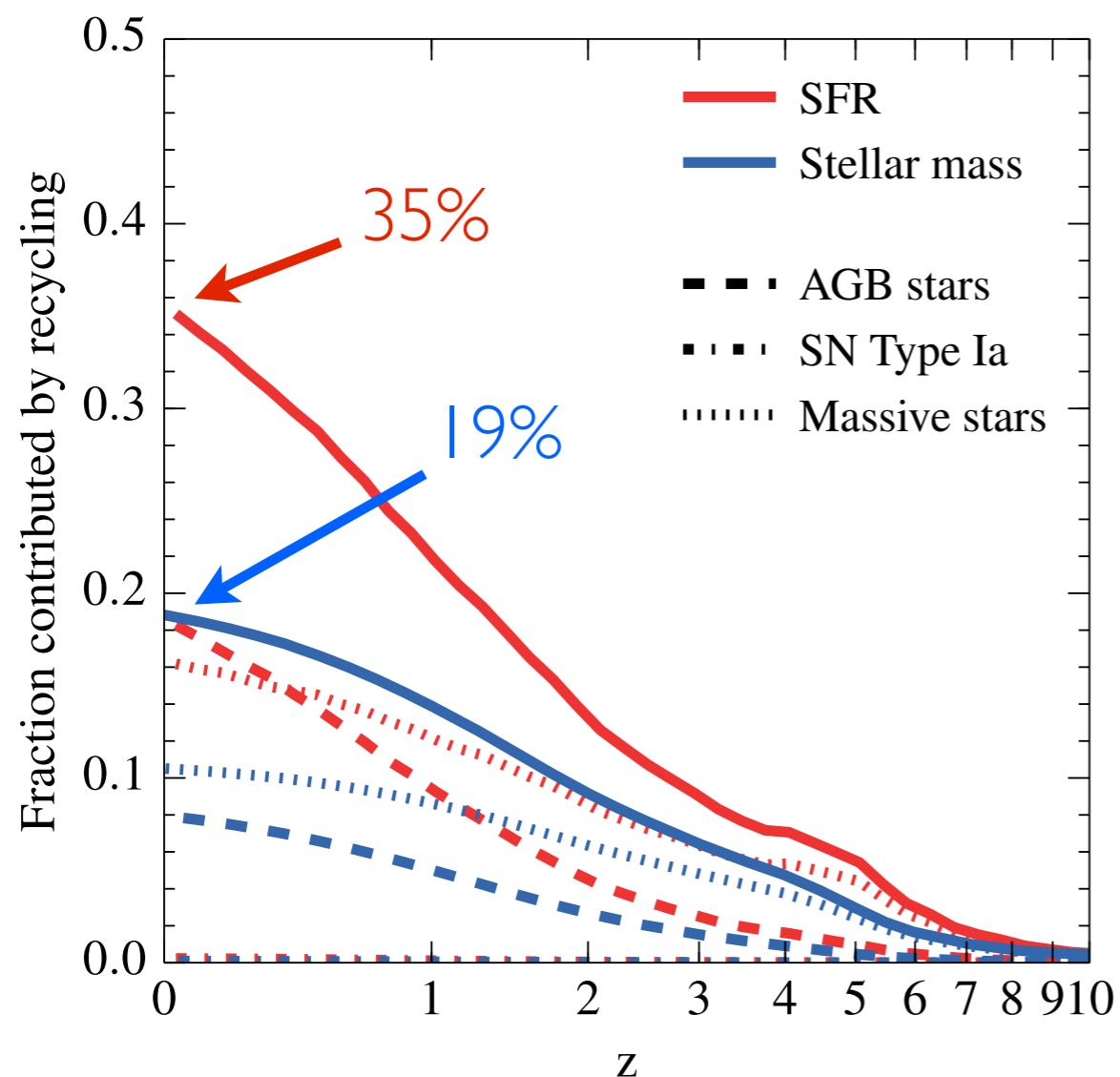


# Recycled stellar ejecta as fuel for star formation

Marijke Segers, Rob Crain, Joop Schaye (Leiden Observatory)

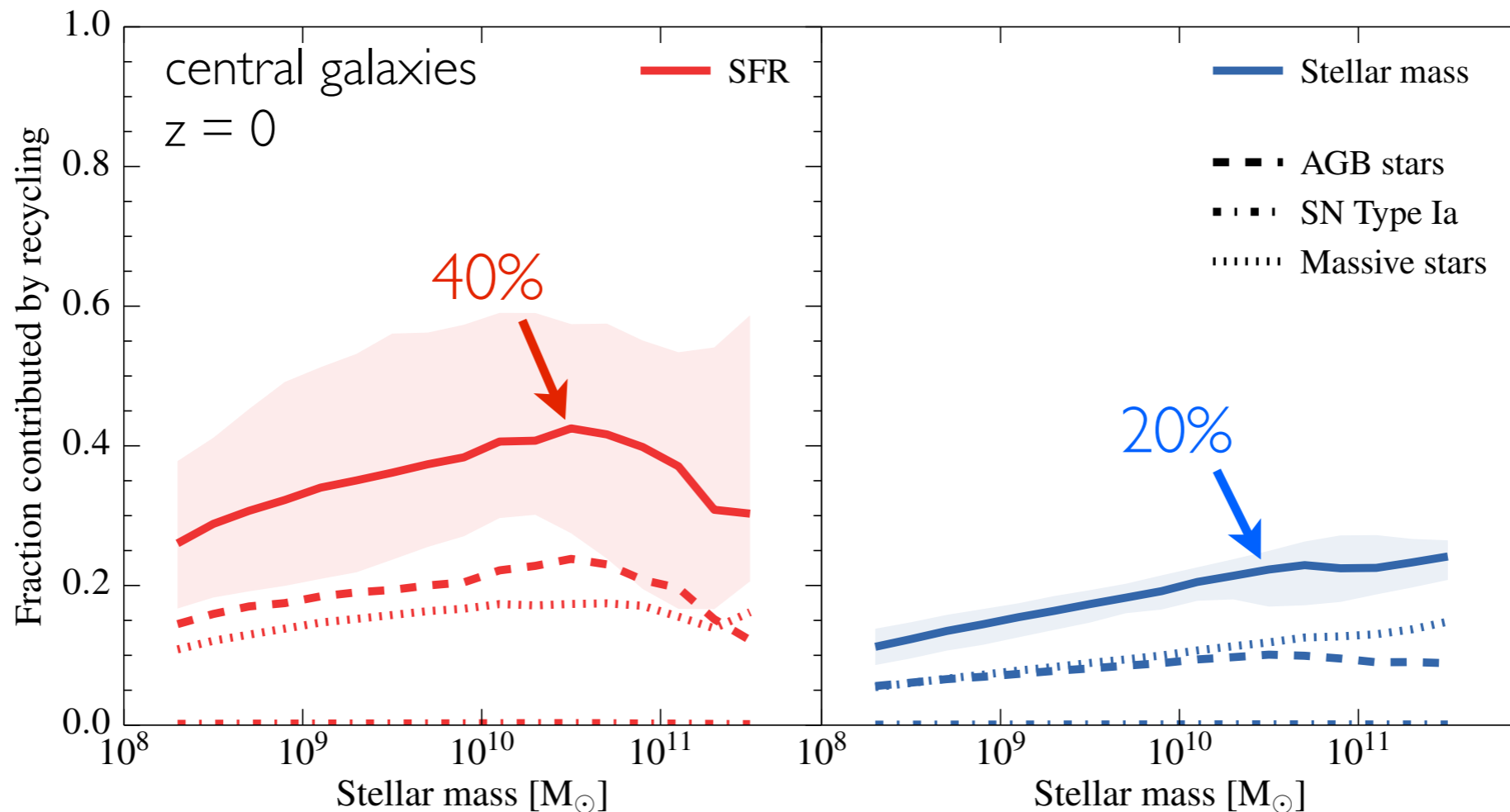


Cosmological SPH simulation:  
Evolution and Assembly of  
GaLaxies and their Environments  
(EAGLE)

At  $z = 0$ , 35% of the cosmic SFR density and 19% of the cosmic stellar mass density is contributed by stellar ejecta.

# Recycled stellar ejecta as fuel for star formation

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For Milky Way-like galaxies, 40% of the present-day SFR and 20% of the present-day stellar mass is contributed by stellar ejecta.