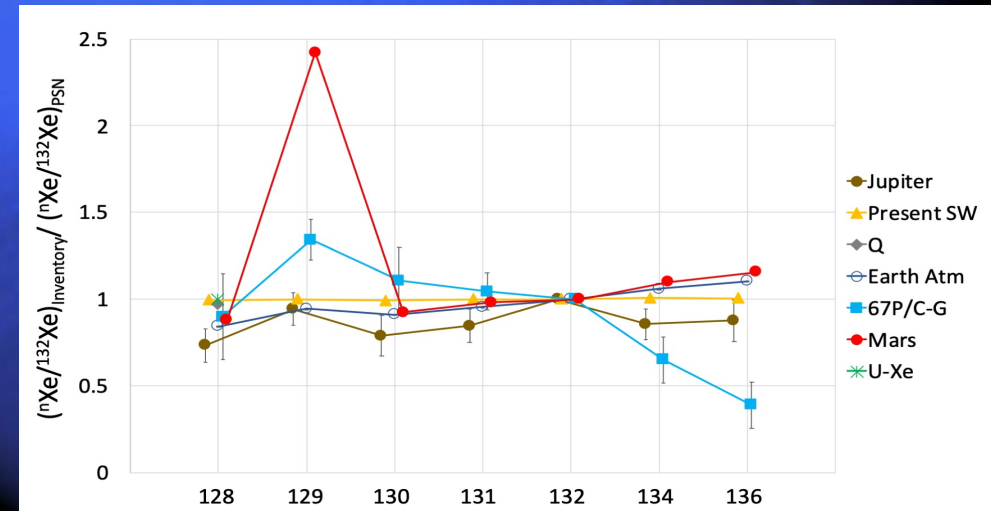
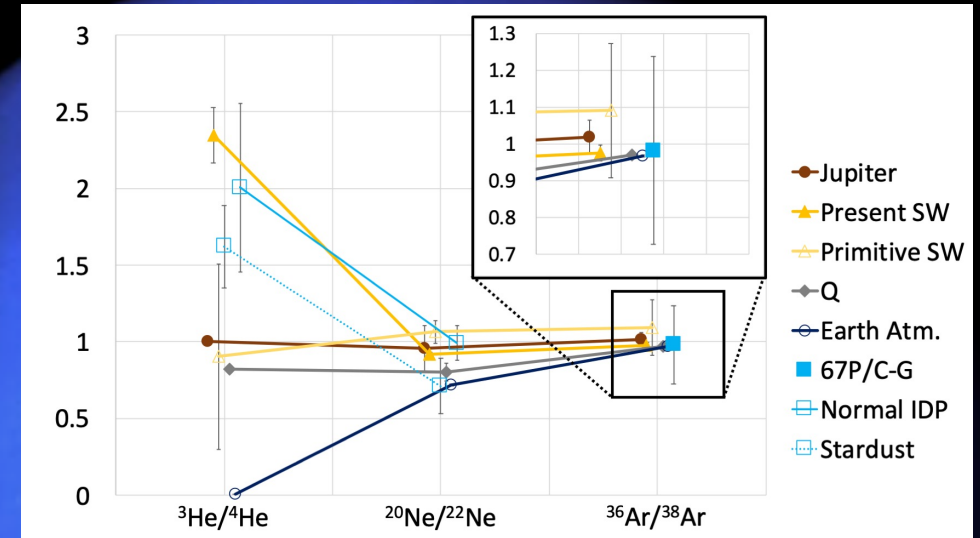
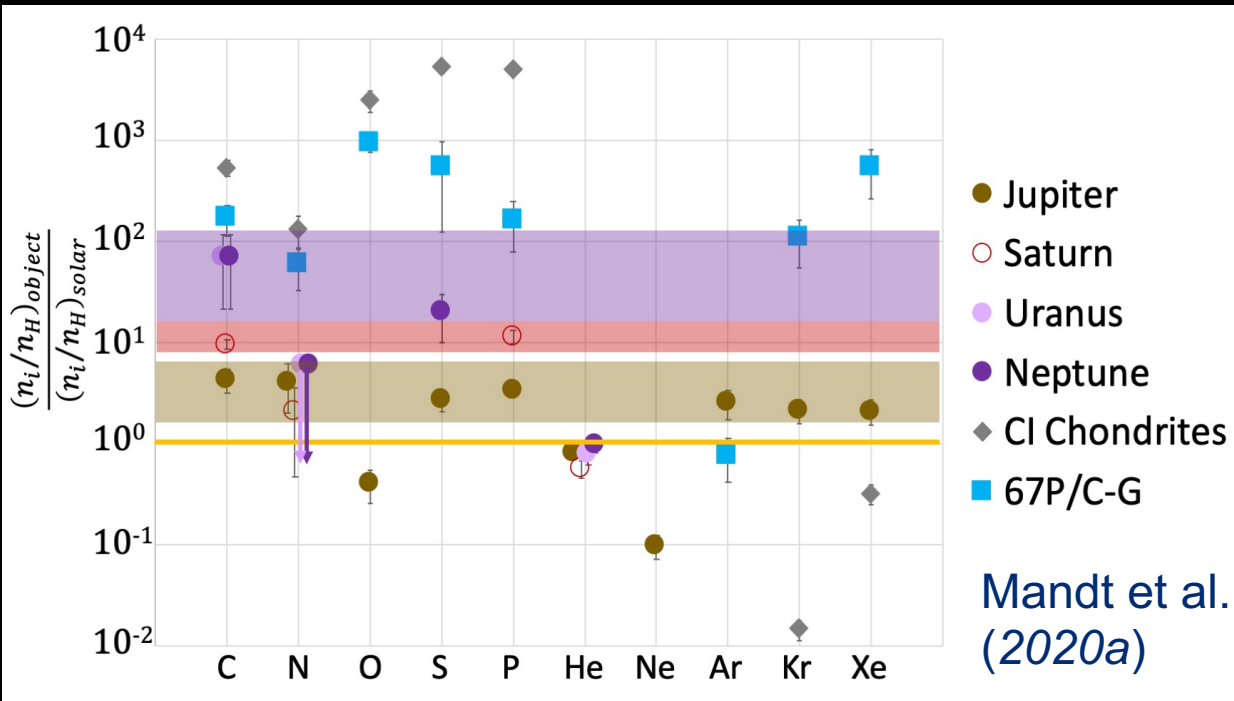


Tracing the Origins of the Ice Giants through Noble Gas Isotopic Composition – Kathleen Mandt (JHUAPL) et al.

Current state of knowledge is limited to Jupiter



In situ measurements of the noble gas abundances and isotope ratios (esp. helium and xenon) in the giant planets help to constrain their origin and evolution