

Figure 1: log scale amounts of atmospheric constituents over the history of Earth - Credit: Kaltenegger et al 2007

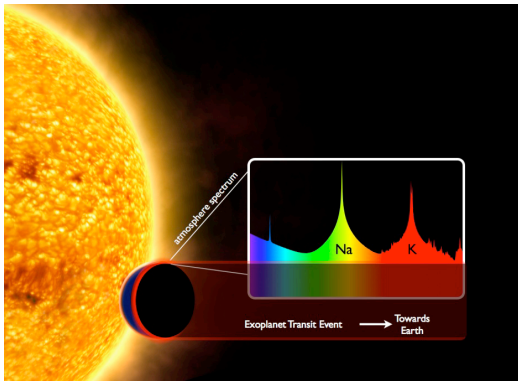


Figure 2: Spectroscopy of exoplanetary atmosphere -credit <http://astro.ufl.edu>

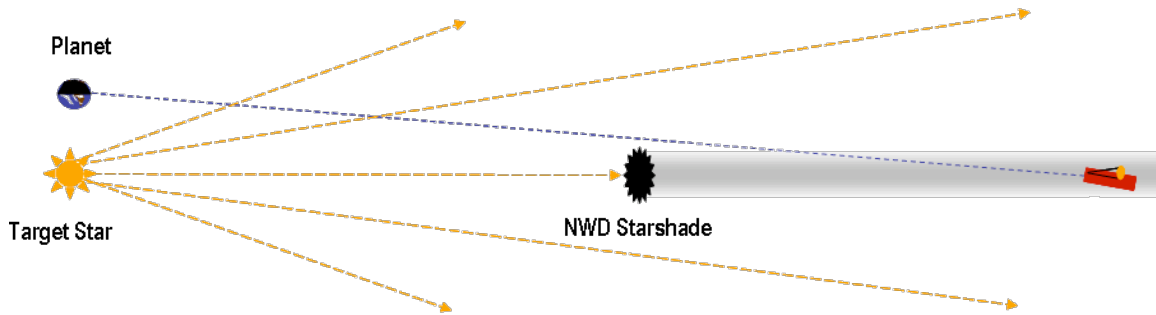


Figure 3: Design plan of the proposed Exoplanet Imager - New Worlds Observer - Credit: NWO team

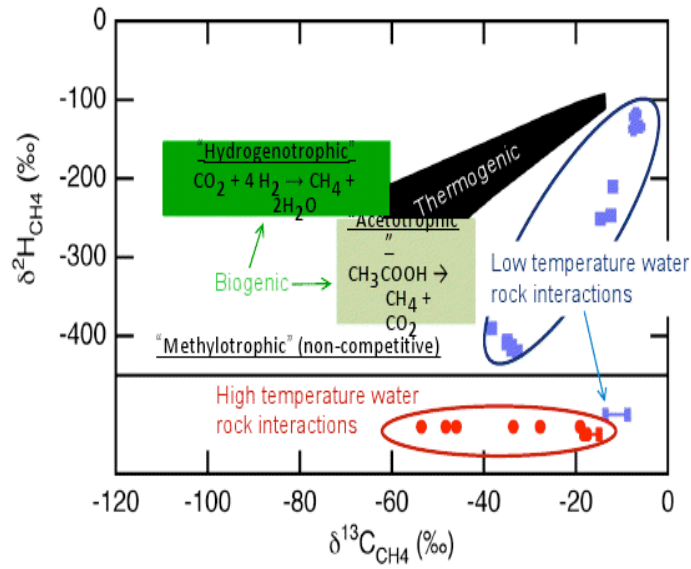


Figure 4: Classification of trends in H and C Isotopic fractionation Credit: Image courtesy of presentation by Dr. Bebout based off Allen, M. 2006

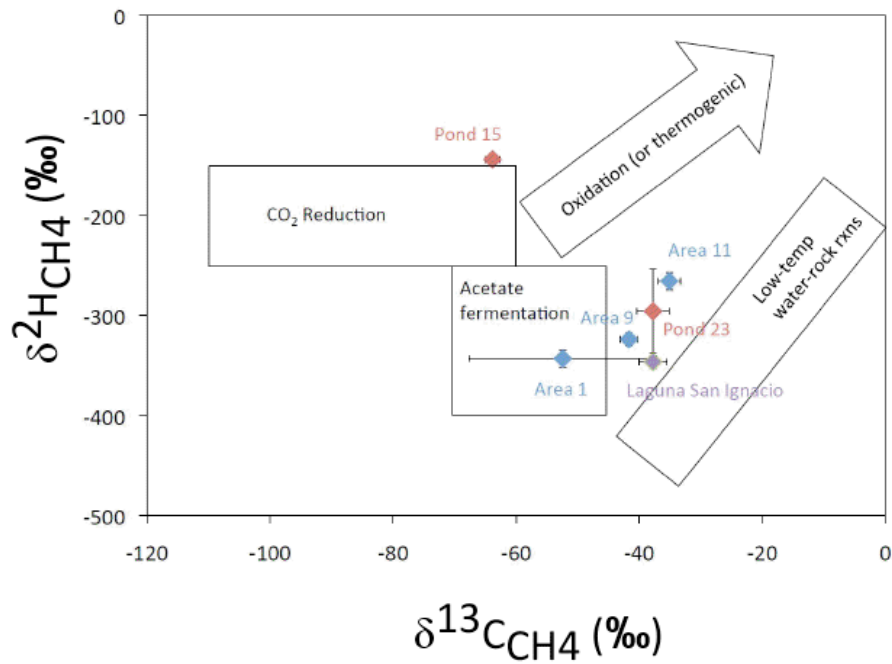


Figure 5: Methane isotopes from hypersaline sites – Image courtesy of Dr. Bebout and his research team