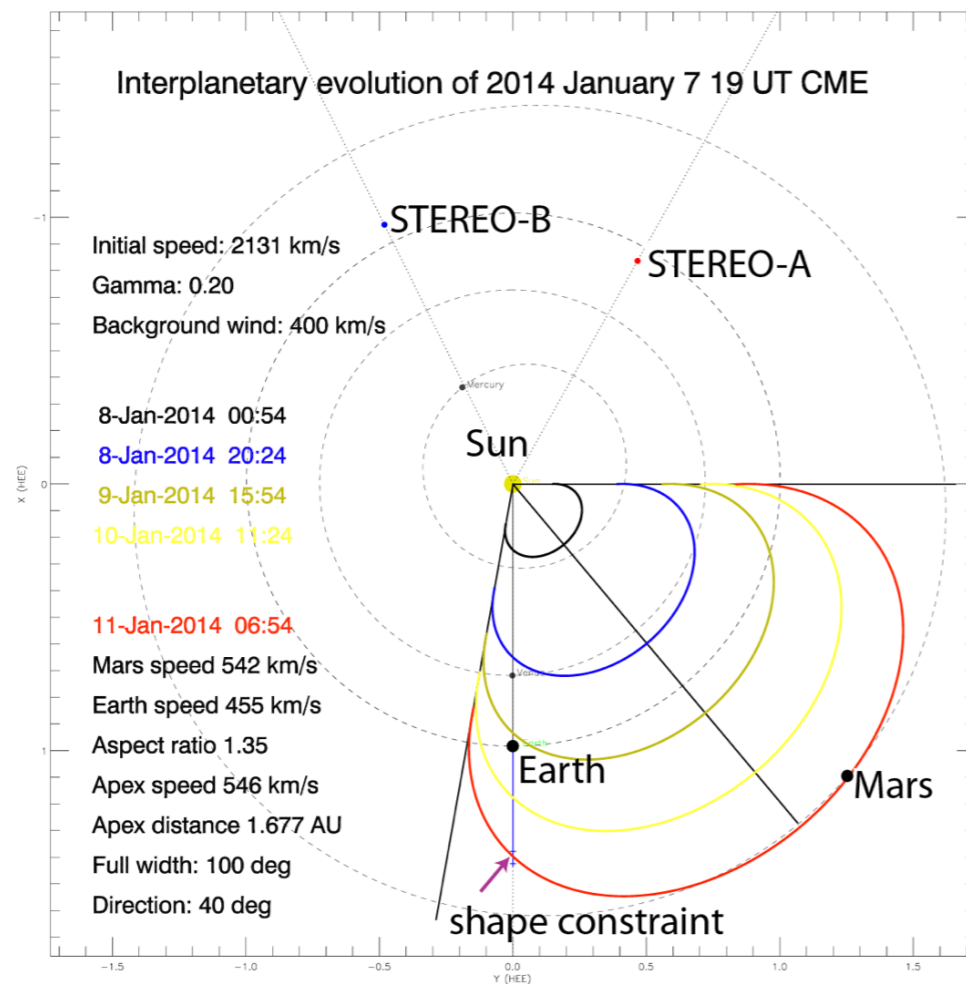


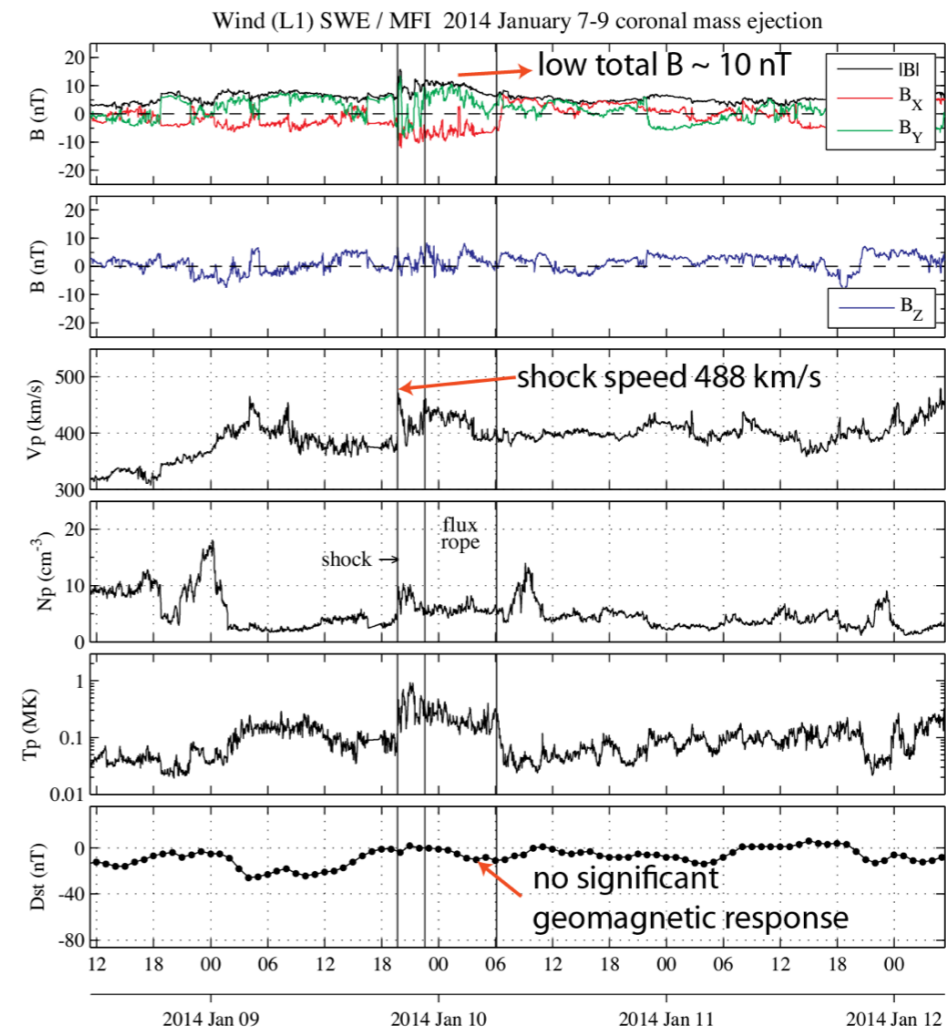
Multipoint Imaging and In Situ Observations of Coronal Mass Ejections in June 2012 and January 2014

by Christian Möstl et al., presented by Manuela Temmer

(a) Ellipse evolution model (ELEVO) for CME shock



(b) Near Earth solar wind and Dst



- We discuss **multipoint in situ and imaging observations of two CMEs**, studied with a new analytical model which uses an ellipse shape for the CME shock (**ELEVO** model).
- The model is used as an extension to the DBM for CME propagation (Vrsnak et al., 2013) and is able to calculate **CME shock arrival times+speeds** at any given in situ location.
- We use ELEVO as a framework to figure out **CME shock shapes and flux rope configurations** by combining it with all available imaging and in situ data.