

What did GEOTAIL observe during the Bastille solar storm?

Toshio Terasawa[1]

[1] Dept. Earth Planetary Sci., Univ. of Tokyo

Physical properties of the interplanetary shock ejected from the sun on the Bastille day, 14 July 2001, will be discussed. This shock had fairly high propagation velocity of ~ 1500 km/s and provided the strongest solar proton event since 1991. We will make a comparative study of this shock with other strong shocks observed in 2000.

Physical properties of the interplanetary shock ejected from the sun on the Bastille day, 14 July 2001, will be discussed. This shock had fairly high propagation velocity of ~ 1500 km/s and provided the strongest solar proton event since 1991. We will make a comparative study of this shock with other strong shocks observed in 2000.