

The peculiarities of the CMEs with minimal size

M. Eselevich, V. Eselevich

Institute of Solar-Terrestrial Physics, Irkutsk, Russia (mesel@iszf.irk.ru / Fax: +7 3952-511675)

The CMEs with small angular sizes ($d < 10$ degrees) have most simple appearance in contrast to large CMEs. It is make easier the investigation of theirs nature. It was shown that a movement of the small-size CME occurs within of the magnetic tube. The origination of the CME in this place may result in explosive increasing of angular size of the tube. Data analysis let us assume that the small-size CME is a “plasmoid” (a blob of plasma confined in space with own magnetic field) that is thrown in the base of the magnetic tube and moves along it from the Sun.