

Jovian magnetopause boundary layer according to Galileo and Juno data

A.S. Lavrukhin, I.I. Alexeev

Skobeltsyn Institute of Nuclear Physics M.V.Lomonosov Moscow State University (SINP MSU), Moscow, Russian Federation

Using magnetic field, plasma waves and charged particles data from Galileo and Juno data we investigate properties of Jovian magnetopause boundary layer at dawn, dusk and dayside magnetosphere. We compare its properties with magnetosheath and nearby magnetosphere regions and compare magnetometer measurements with magnetic field model of magnetosphere and magnetosheath with a magnetopause of finite thickness (Alexeev 1986; Alexeev et al., 2003).

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