



Magnetospheric boundaries: Simulation results and Cluster observations

J. B\"uechner

Max-Planck-Institut f\"ur Sonnensystemforschung, Kaltenburg-Lindau, Germany
(buechner@mps.mpg.de)

Motivated by current Cluster observations numerical simulation techniques are used to study the properties of the thin magnetopause - like boundary layers, the generation of plasma waves and the resulting anomalous (collisionless) transport properties.