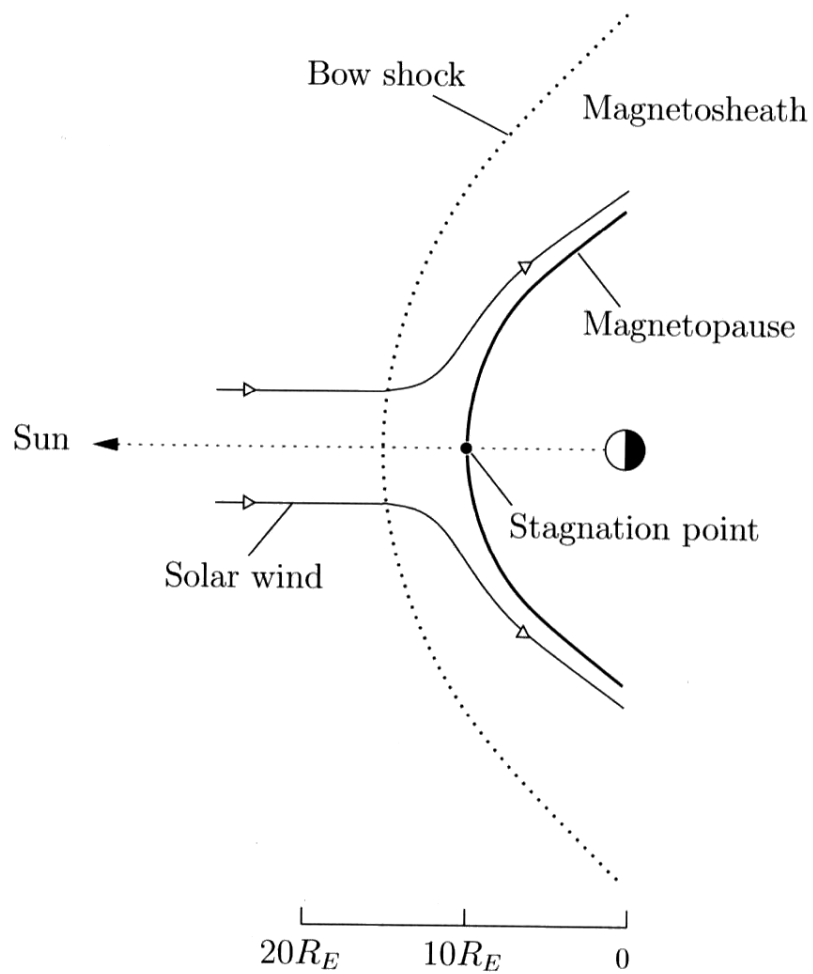


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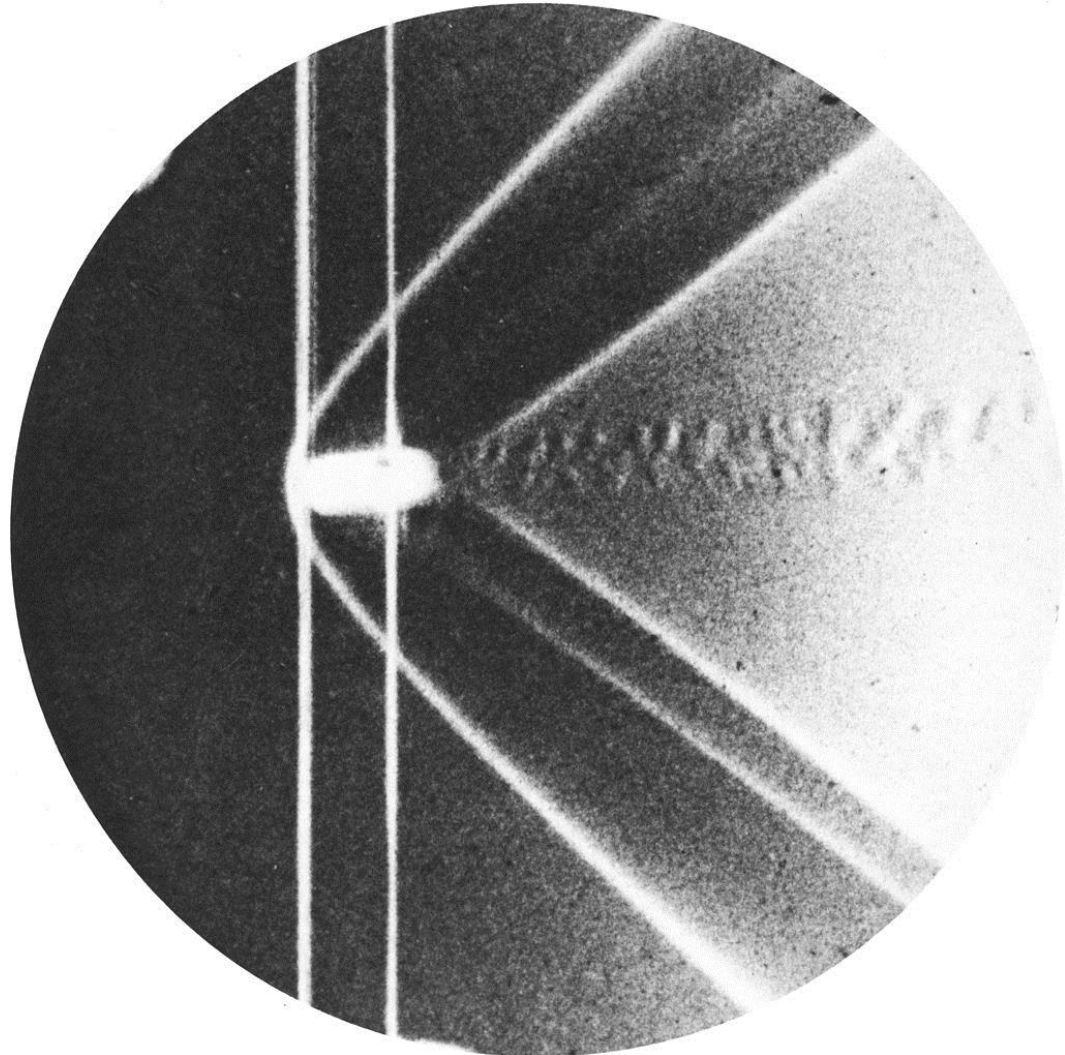
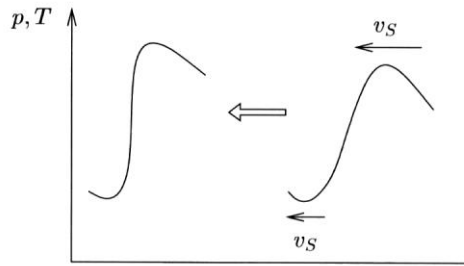
Magnetospheric configuration



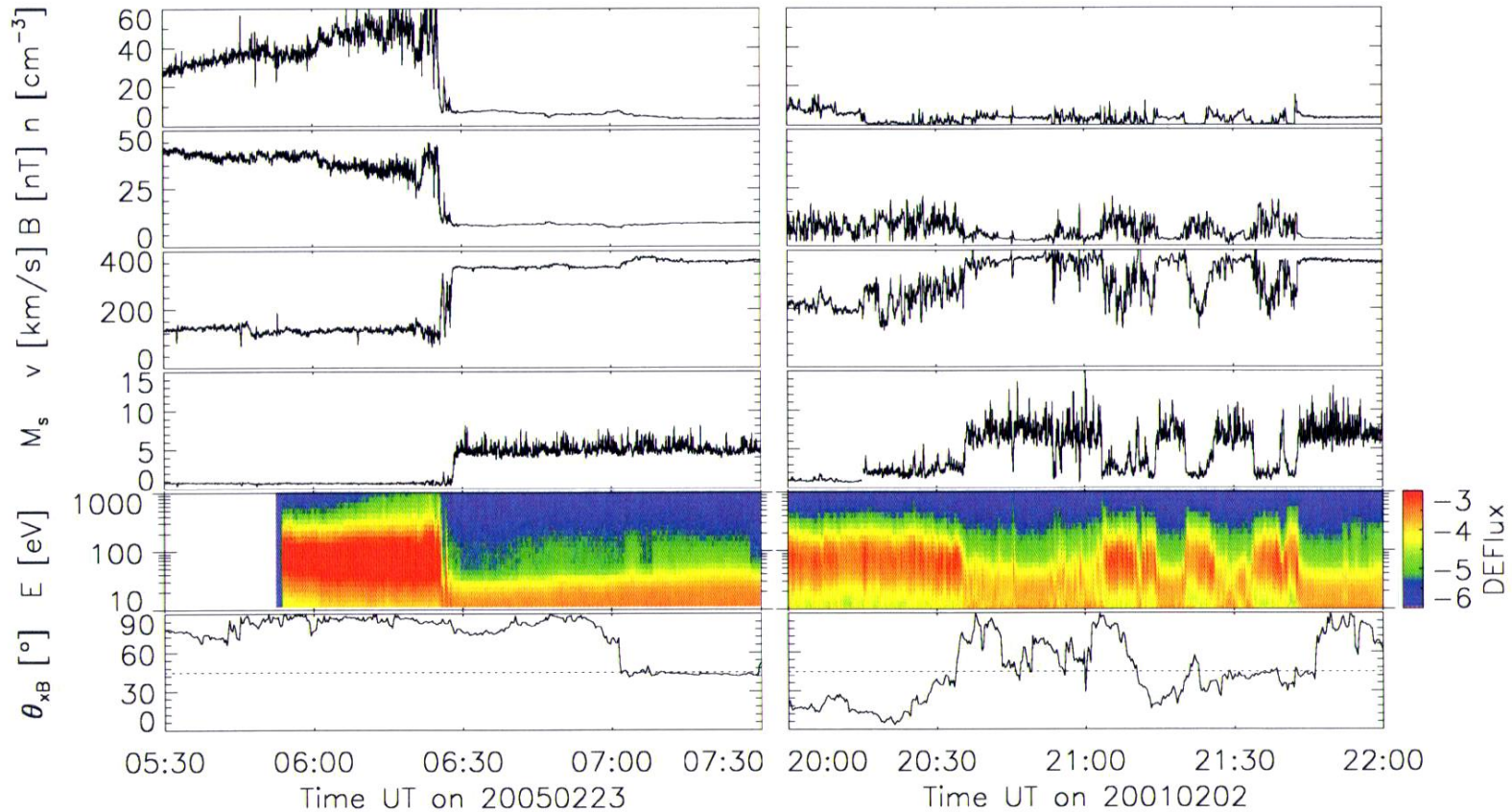
The dayside



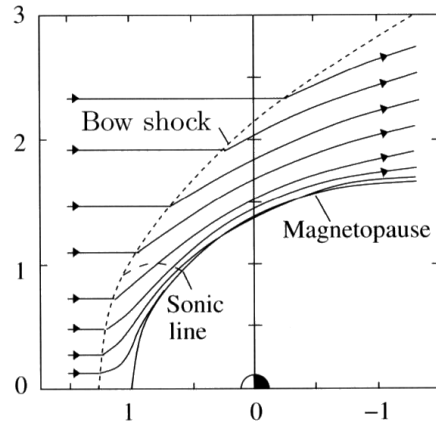
Shock wave formation



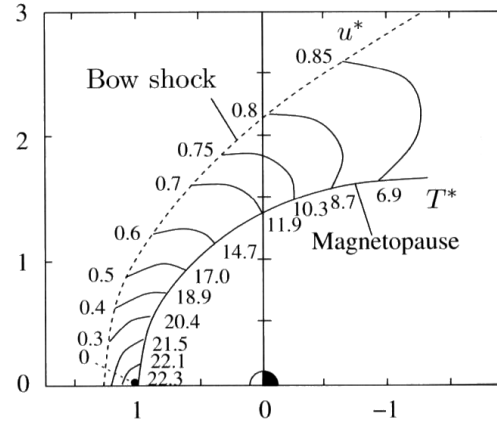
Actual terrestrial bow shock



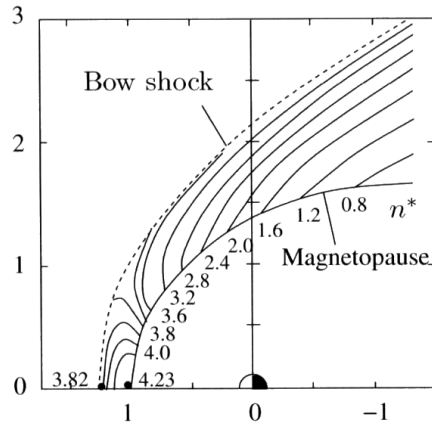
Magnetosheath



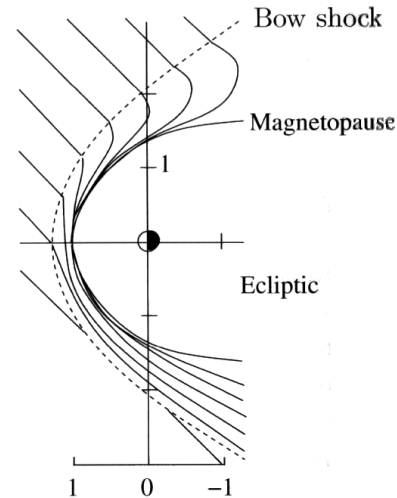
a. Streamlines



b. Normalized flow velocity and temperature



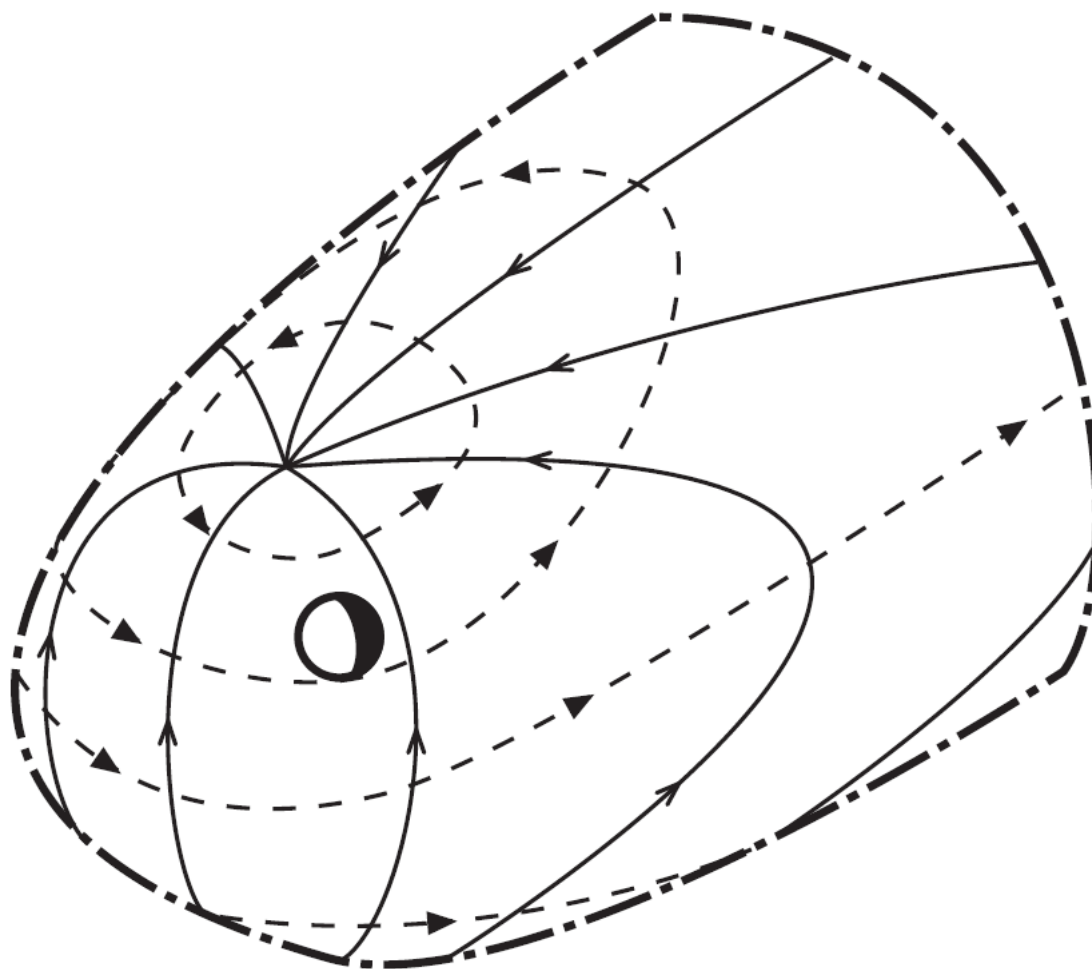
c. Normalized density



d. Magnetic field lines



Chapman-Ferraro current



Dayside magnetosphere

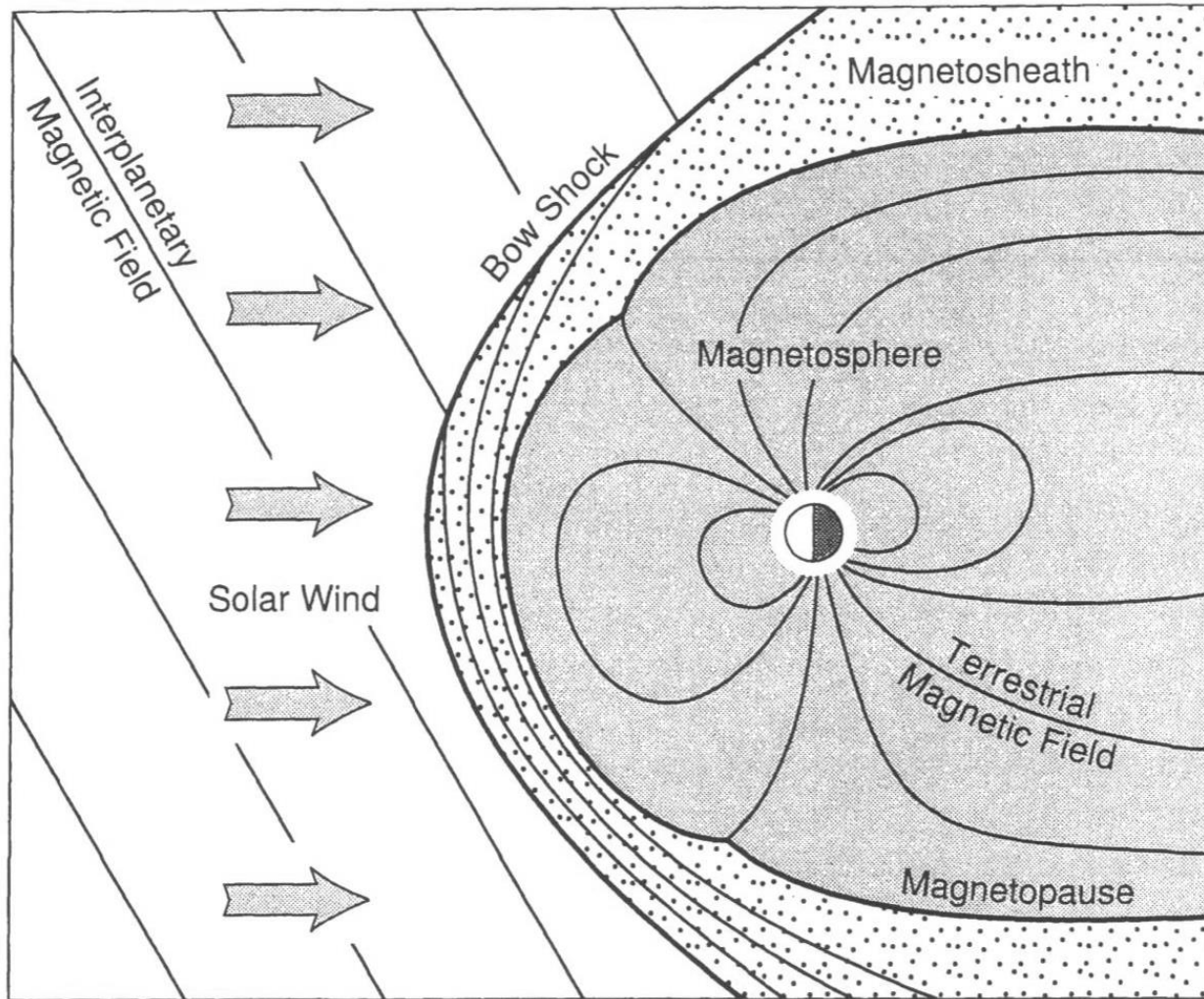
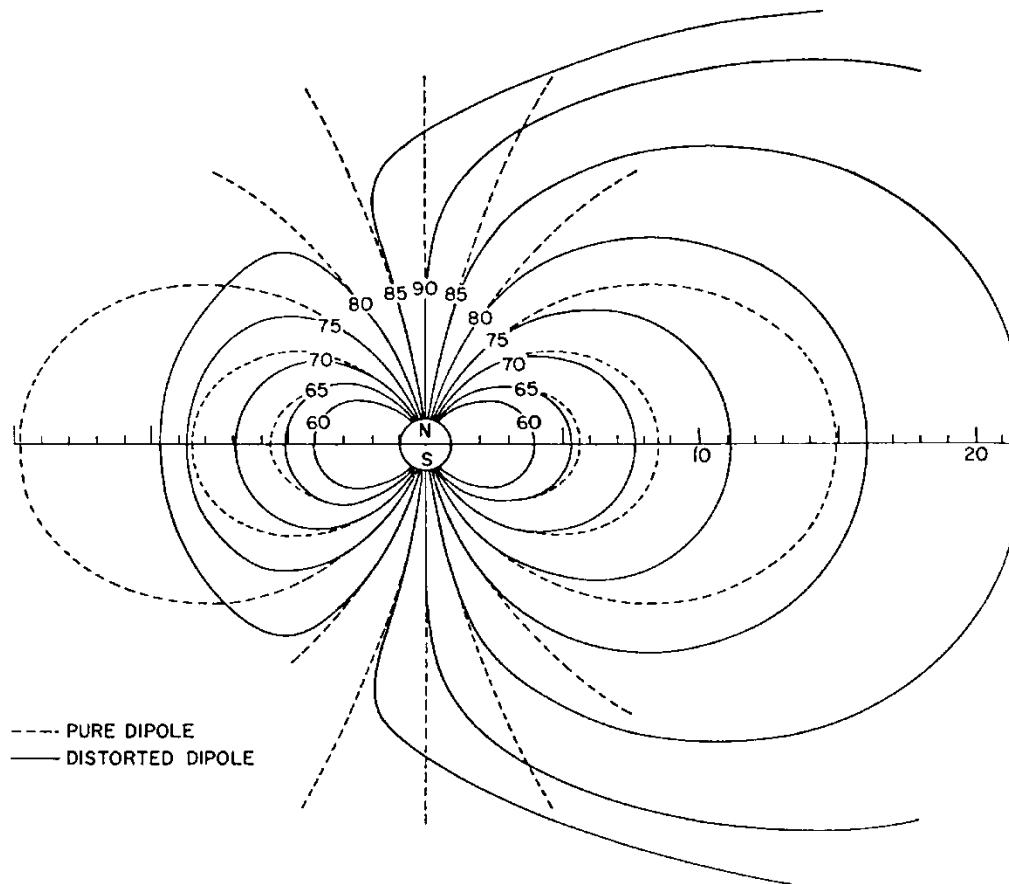


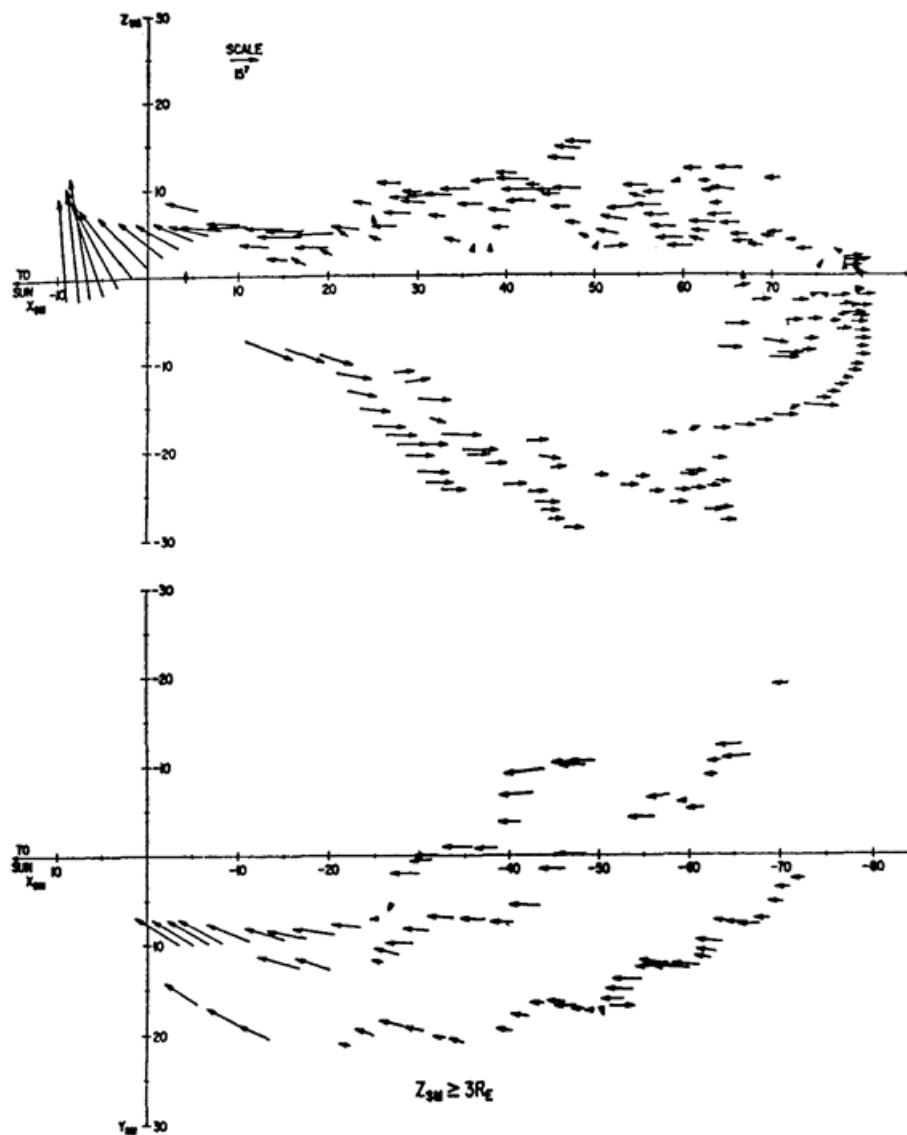
Fig. 1.3. Topography of the solar-terrestrial environment.



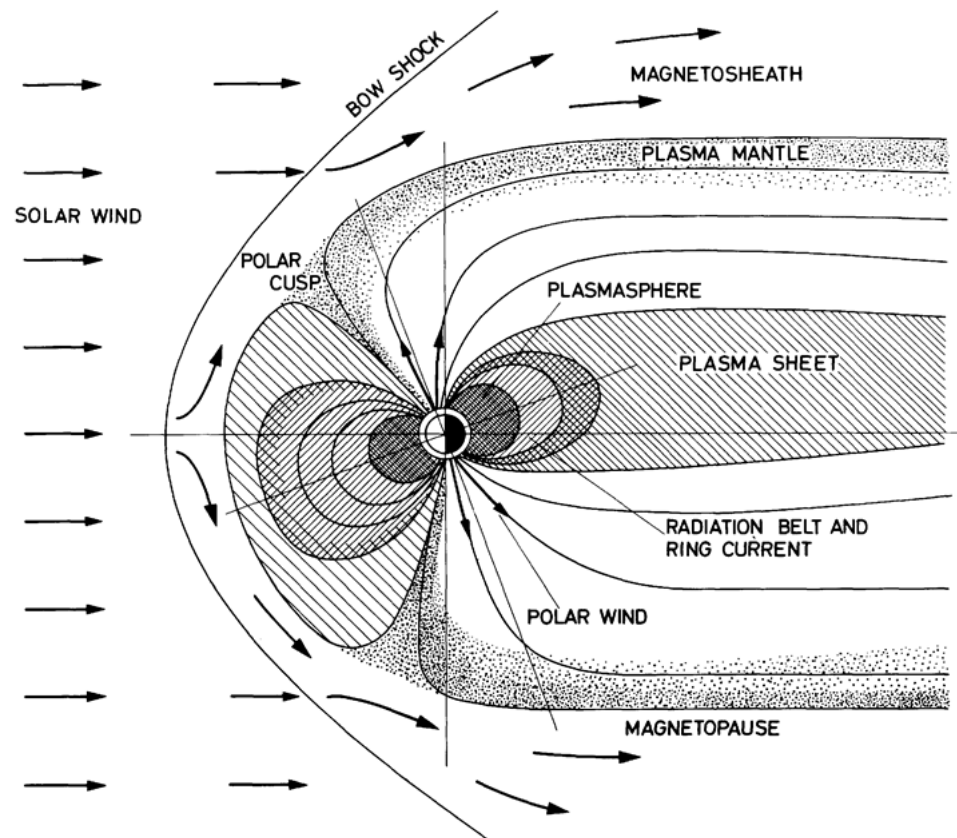
Mead model



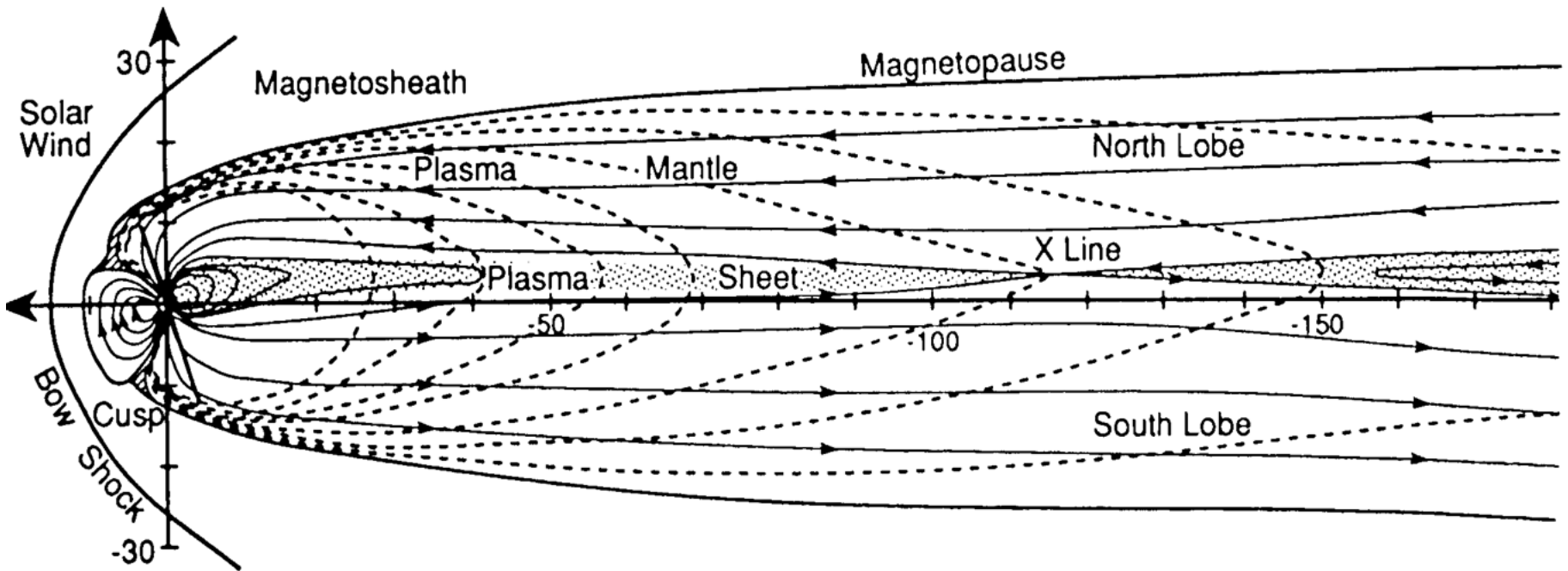
Discovery of the magnetotail



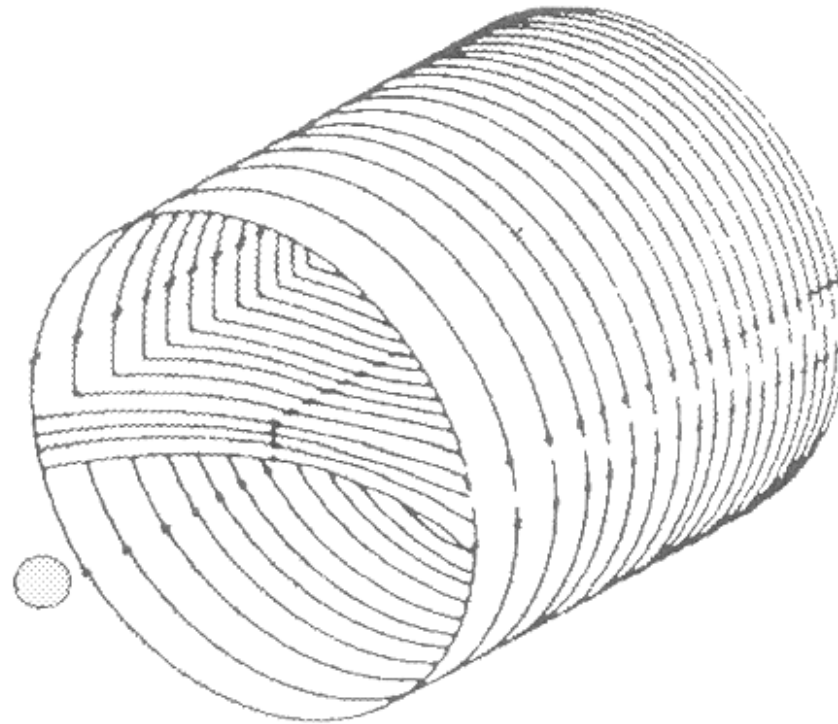
The magnetosphere



The magnetotail



Cross tail current



Tail
current



Magnetospheric current systems

