

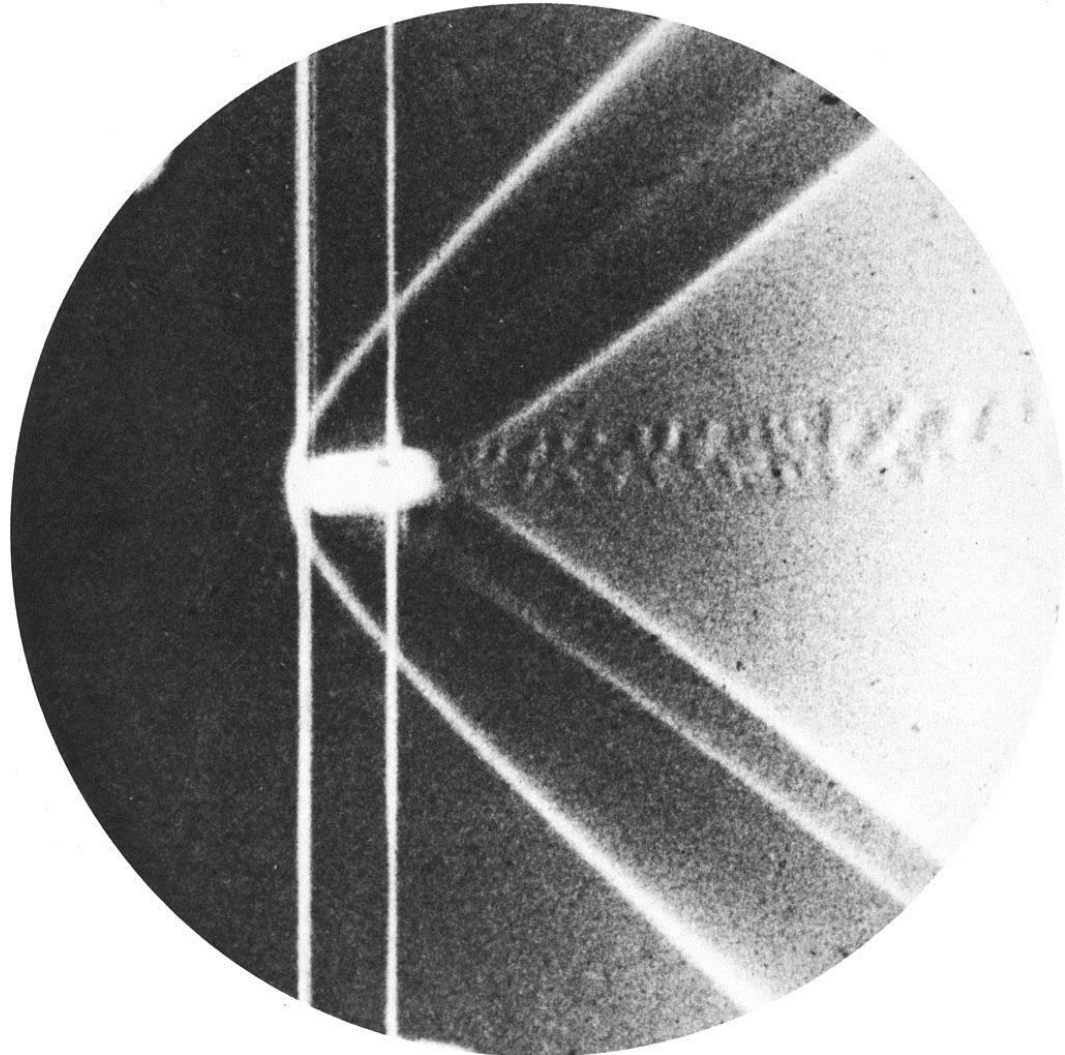
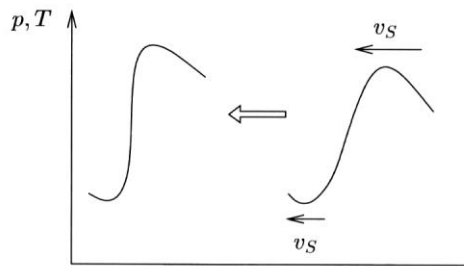


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University of Oslo

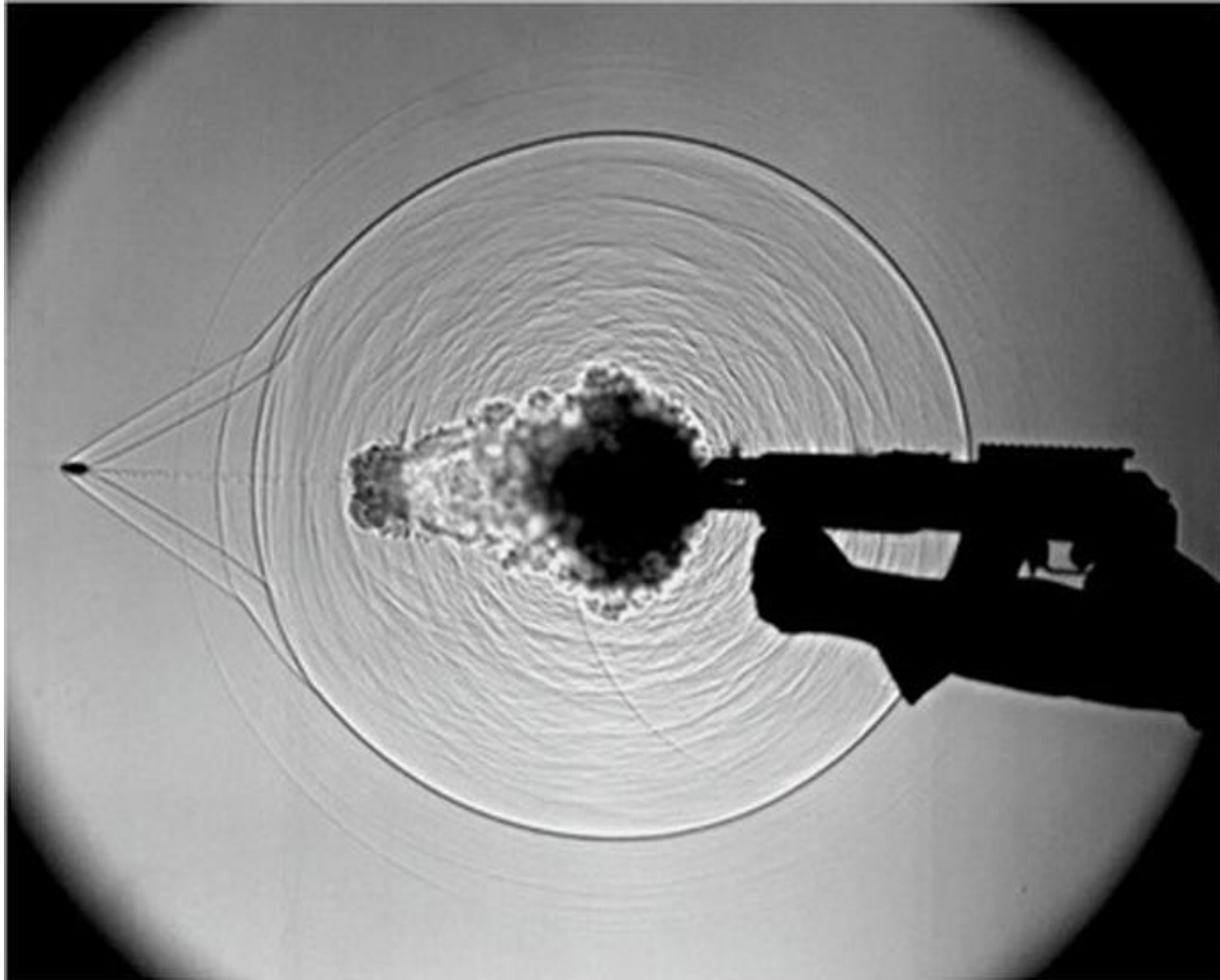
# Magnetospheric configuration



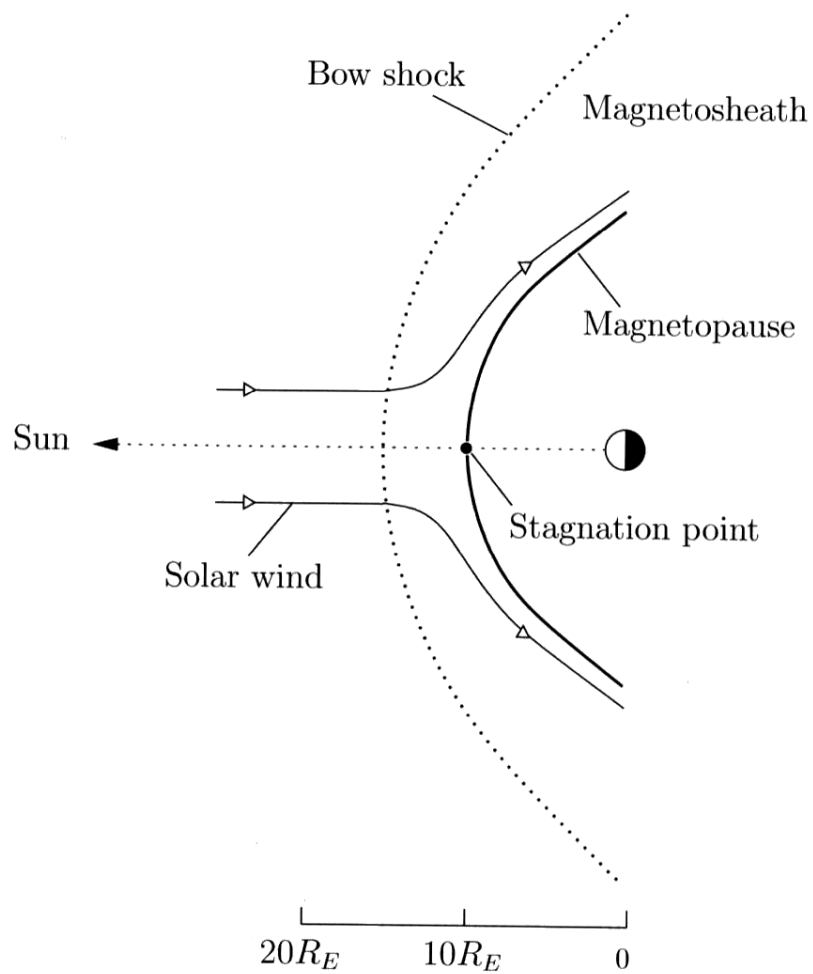
# Shock wave formation



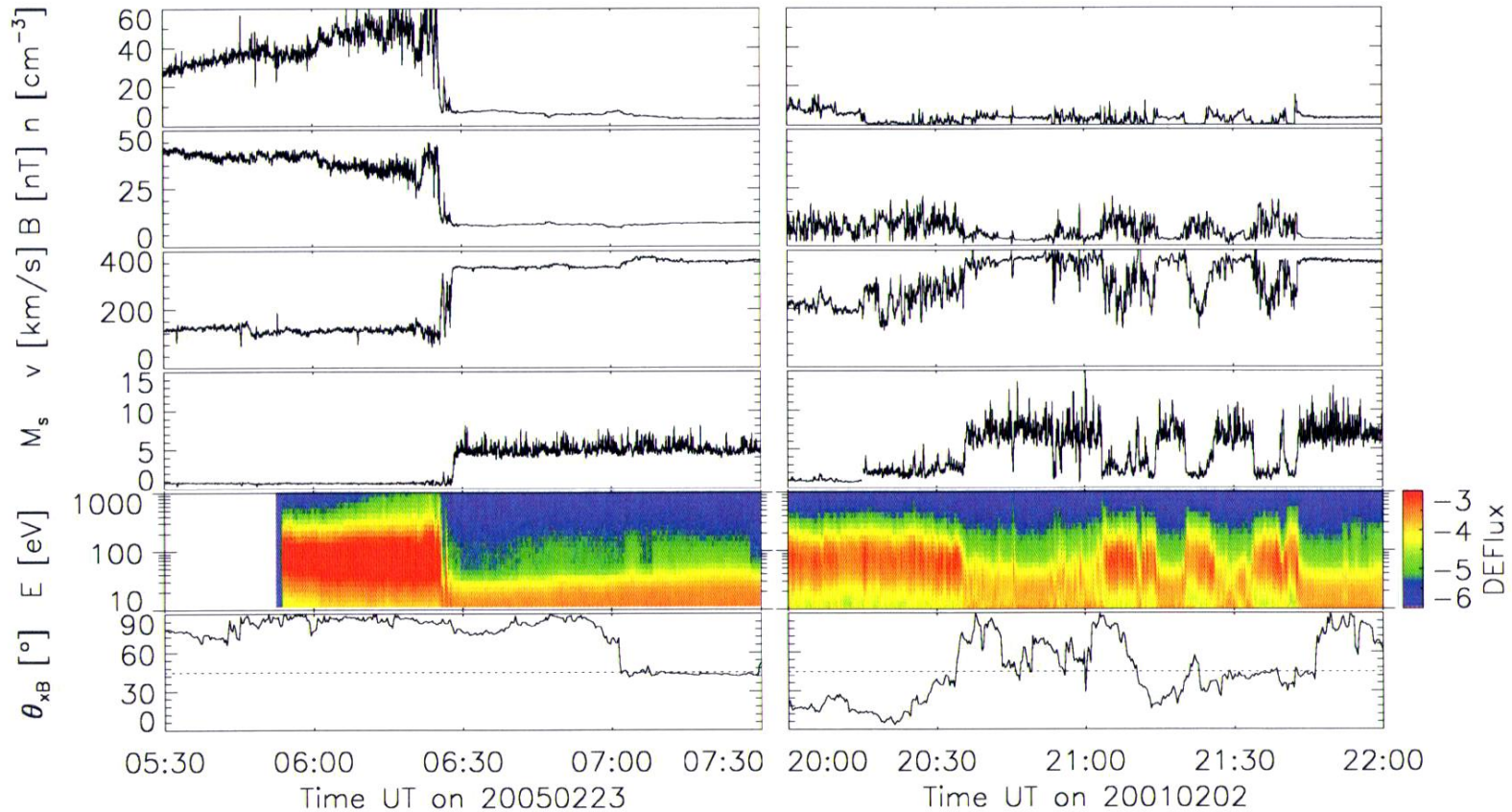
# Shock wave formation



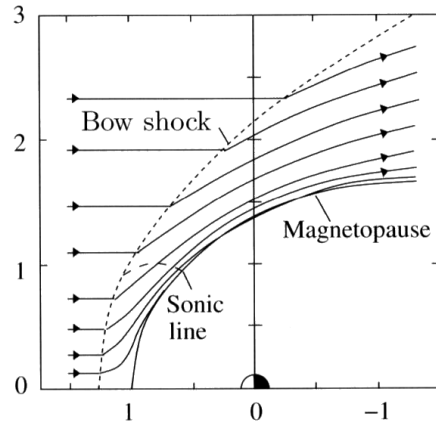
# The dayside



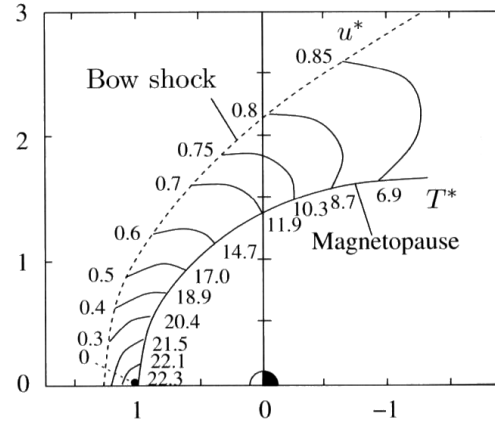
# Actual terrestrial bow shock



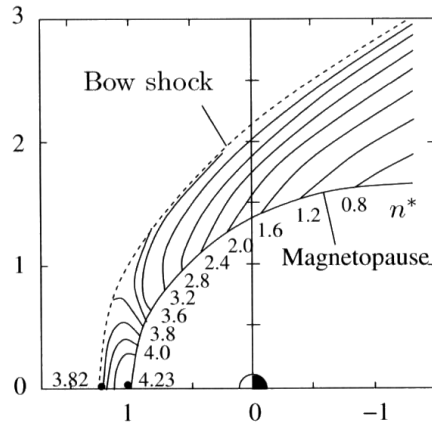
# Magnetosheath



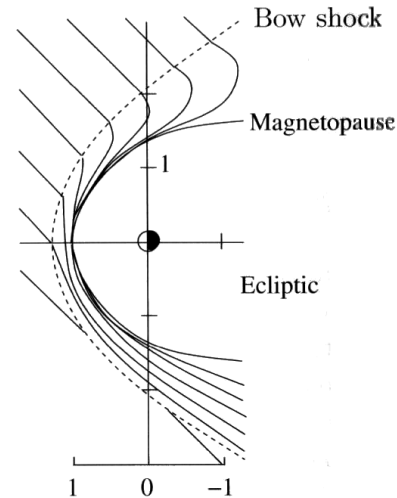
a. Streamlines



b. Normalized flow velocity and temperature



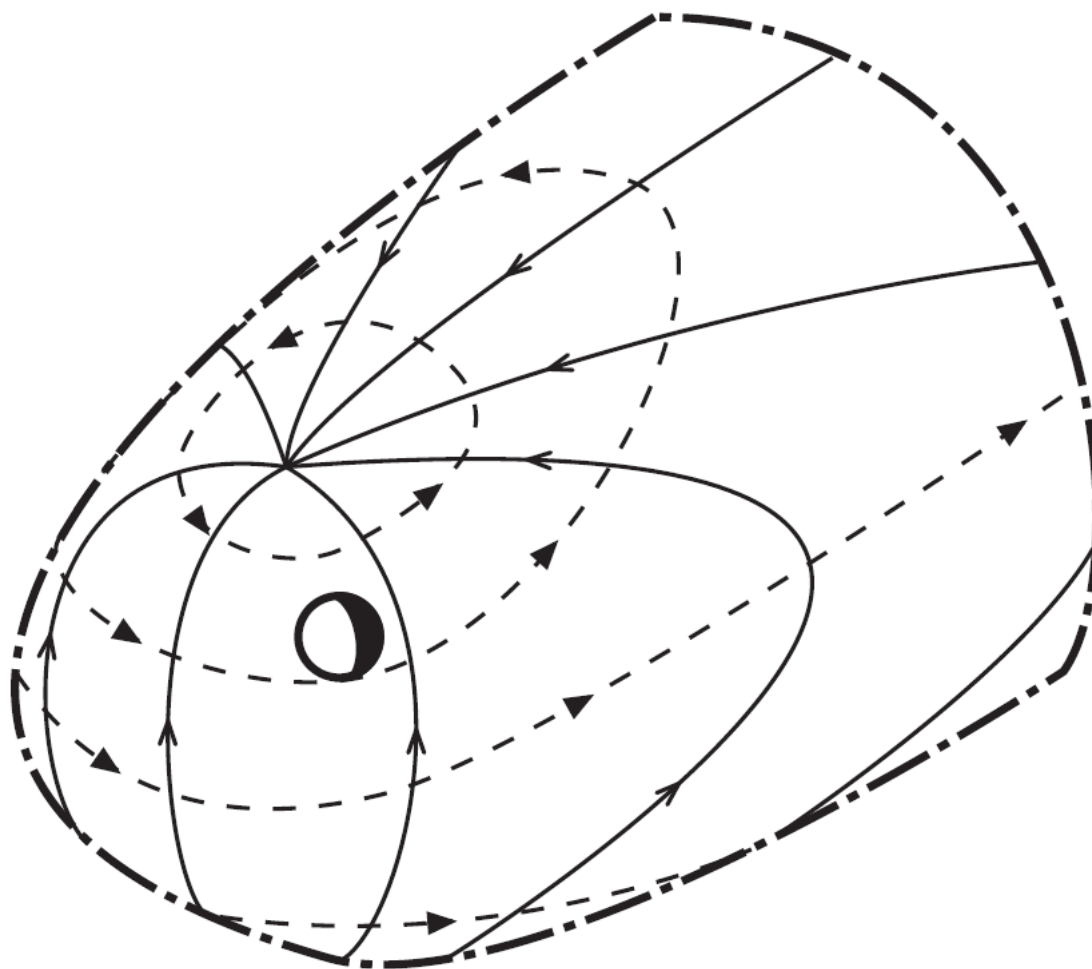
c. Normalized density



d. Magnetic field lines



# Chapman-Ferraro current



# Dayside magnetosphere

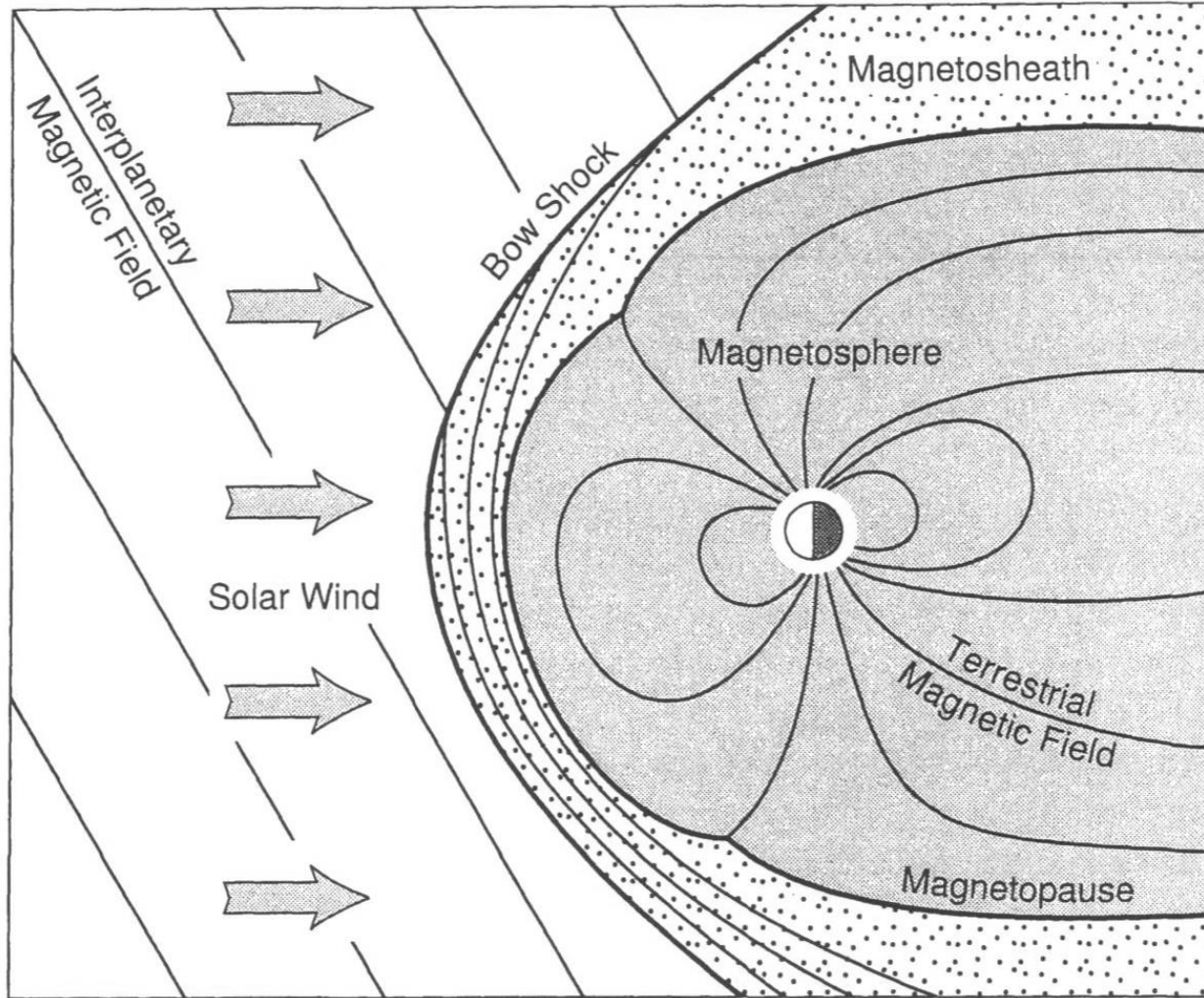
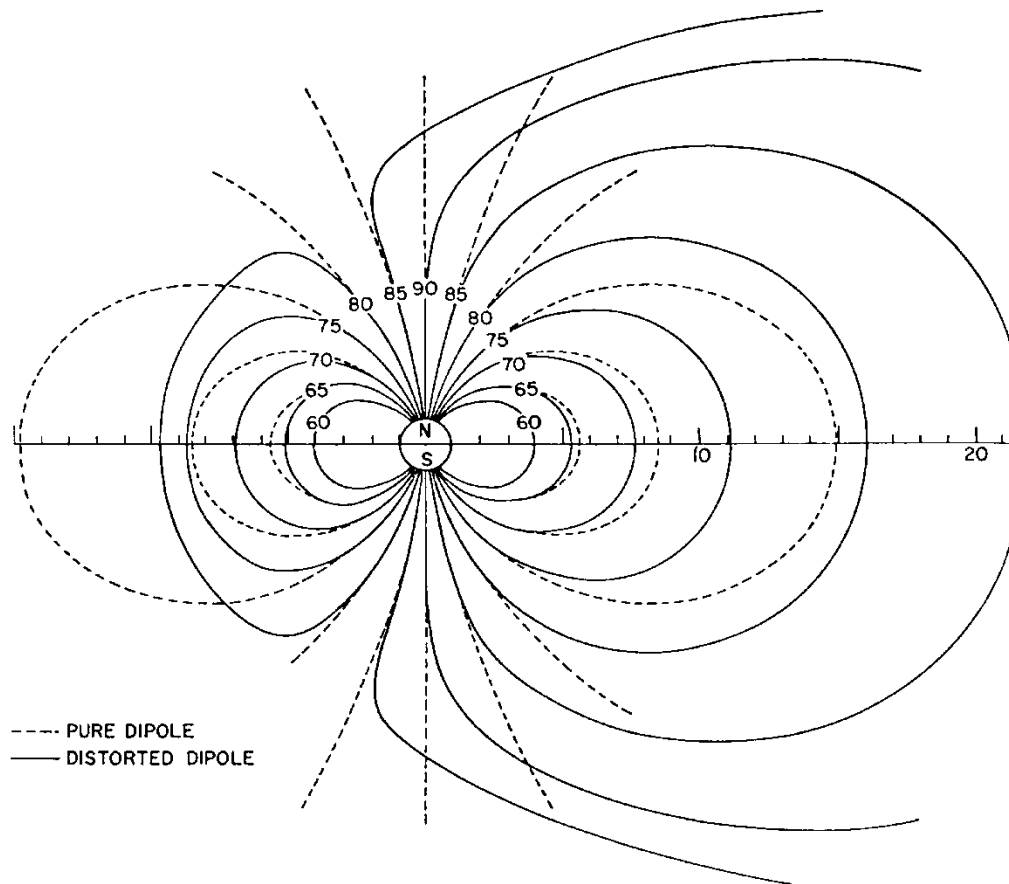


Fig. 1.3. Topography of the solar-terrestrial environment.

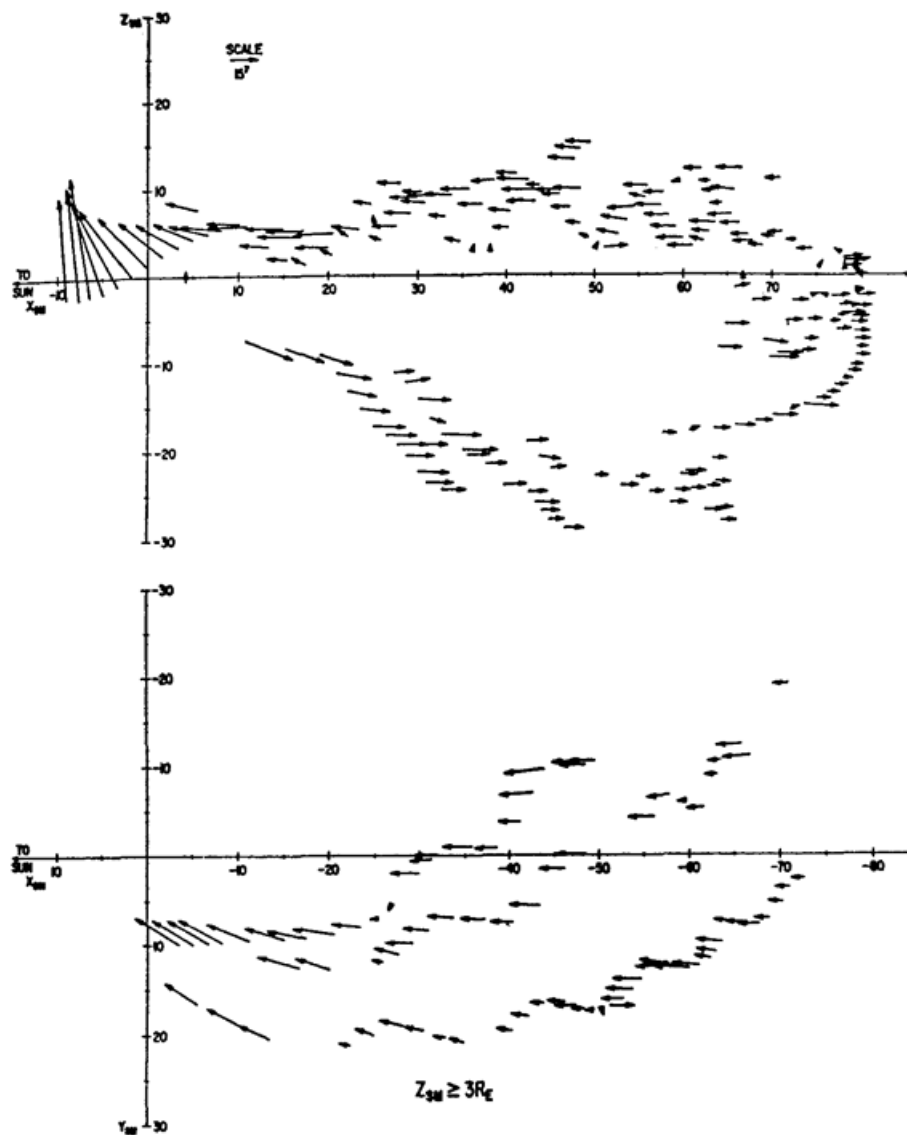




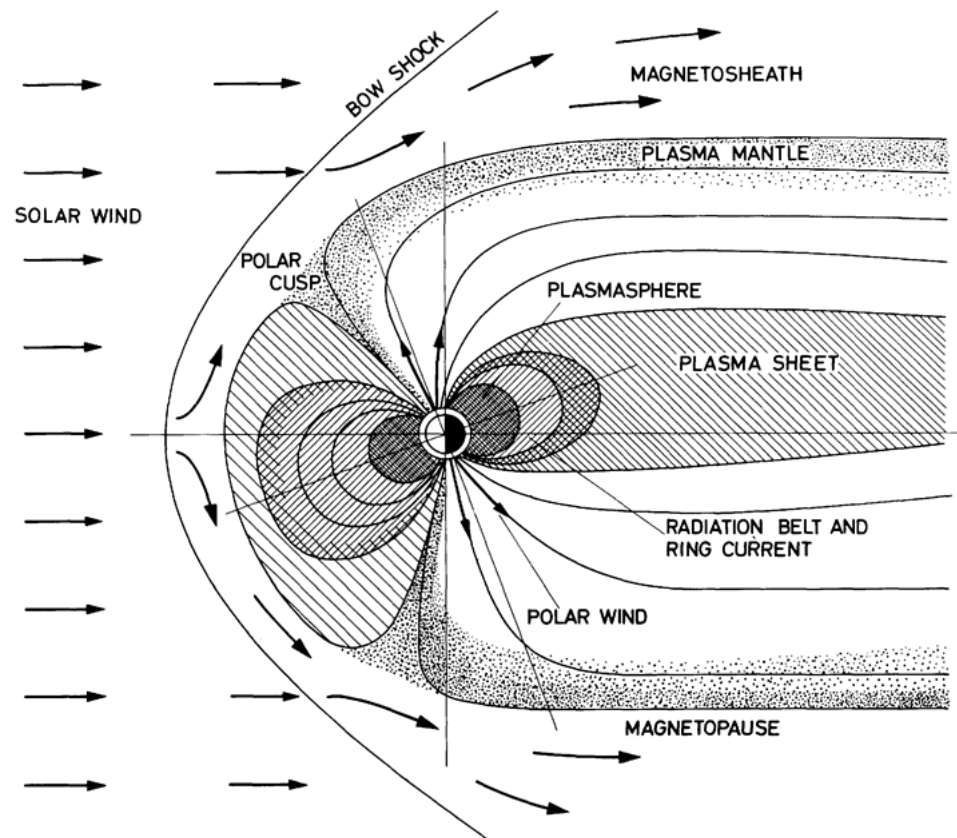
# Mead model



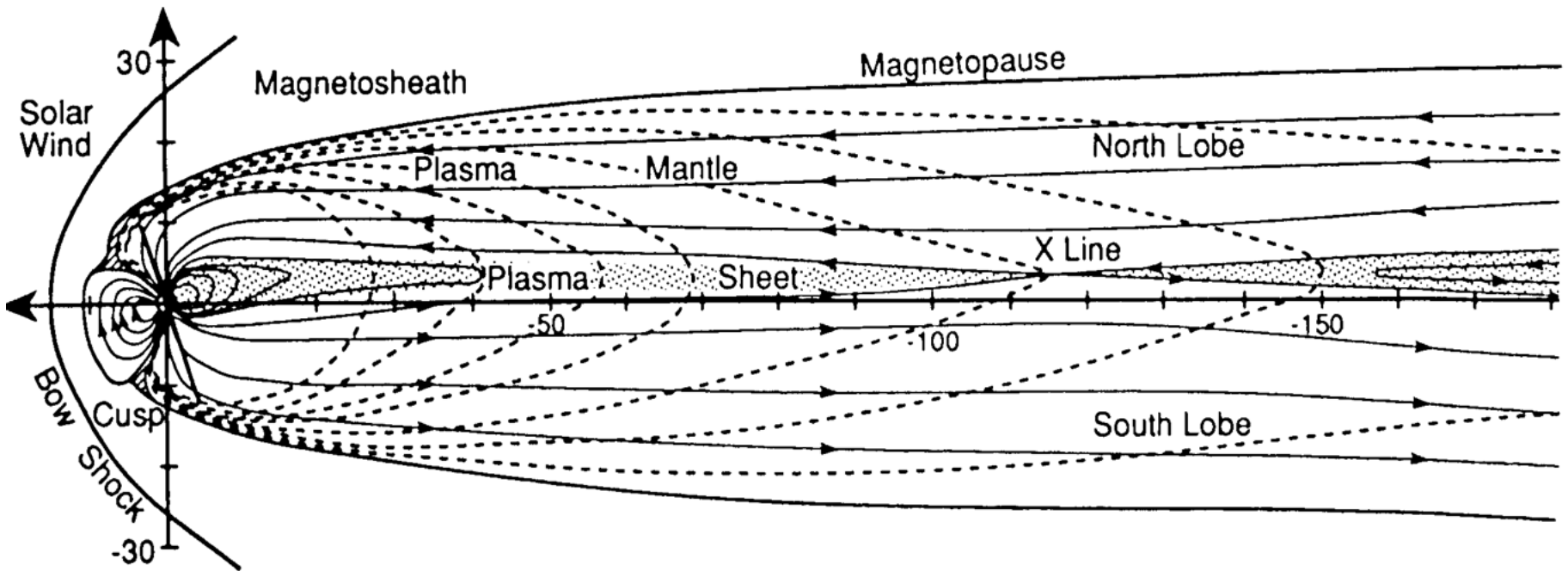
# Discovery of the magnetotail



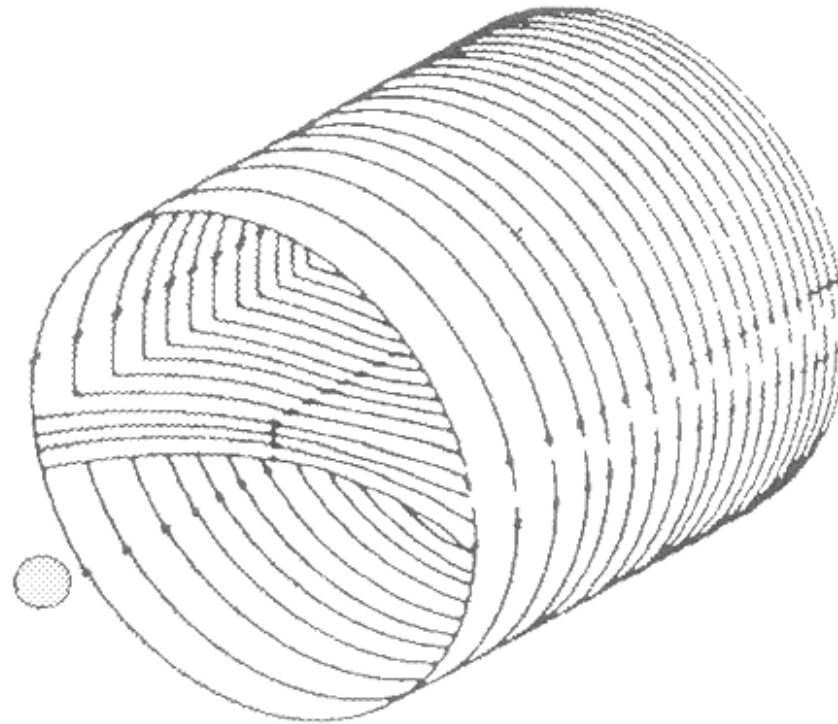
# The magnetosphere



# The magnetotail



# Cross tail current



Tail  
current



# Magnetospheric current systems

