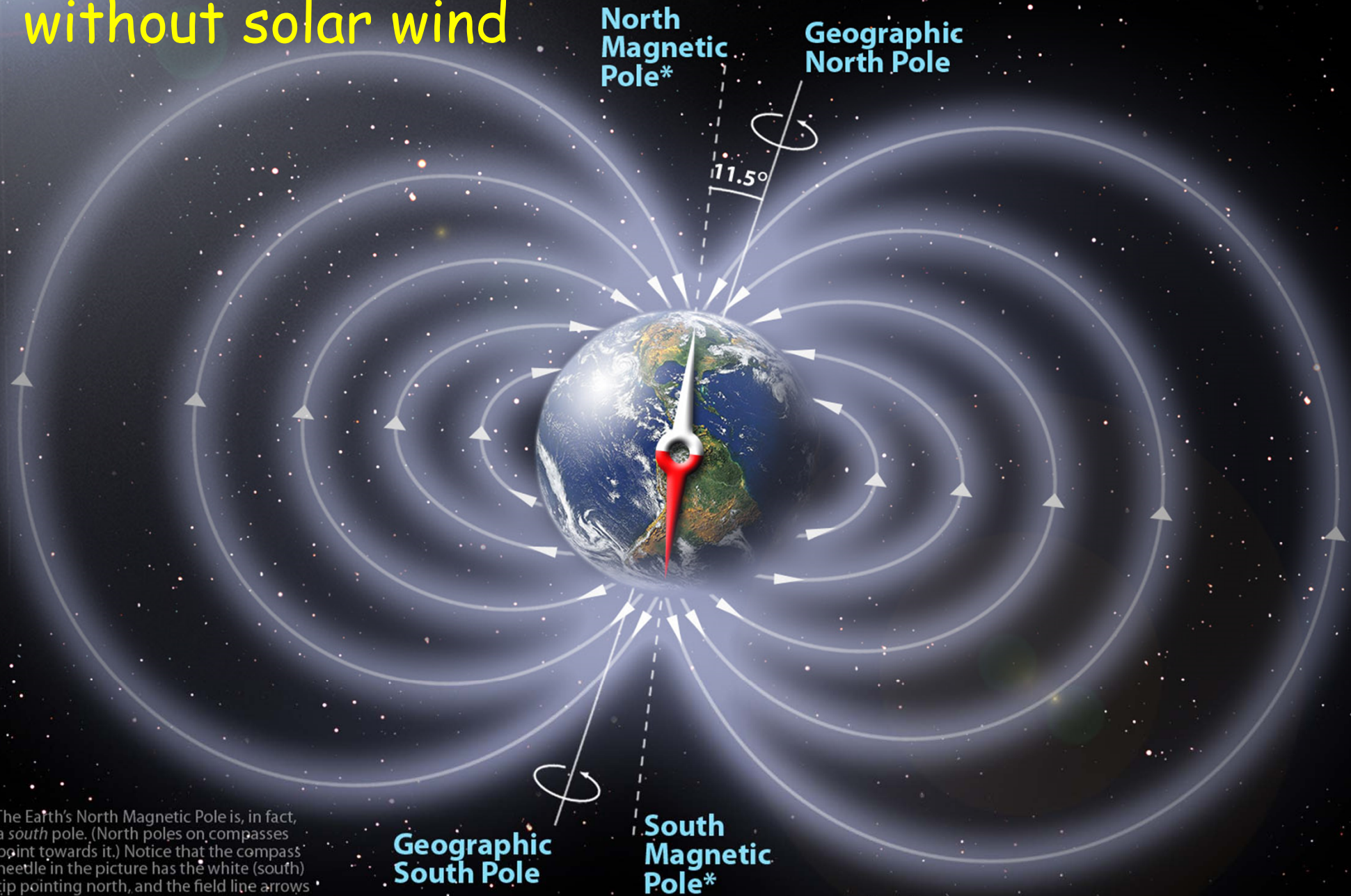


The Earth's Magnetic Field

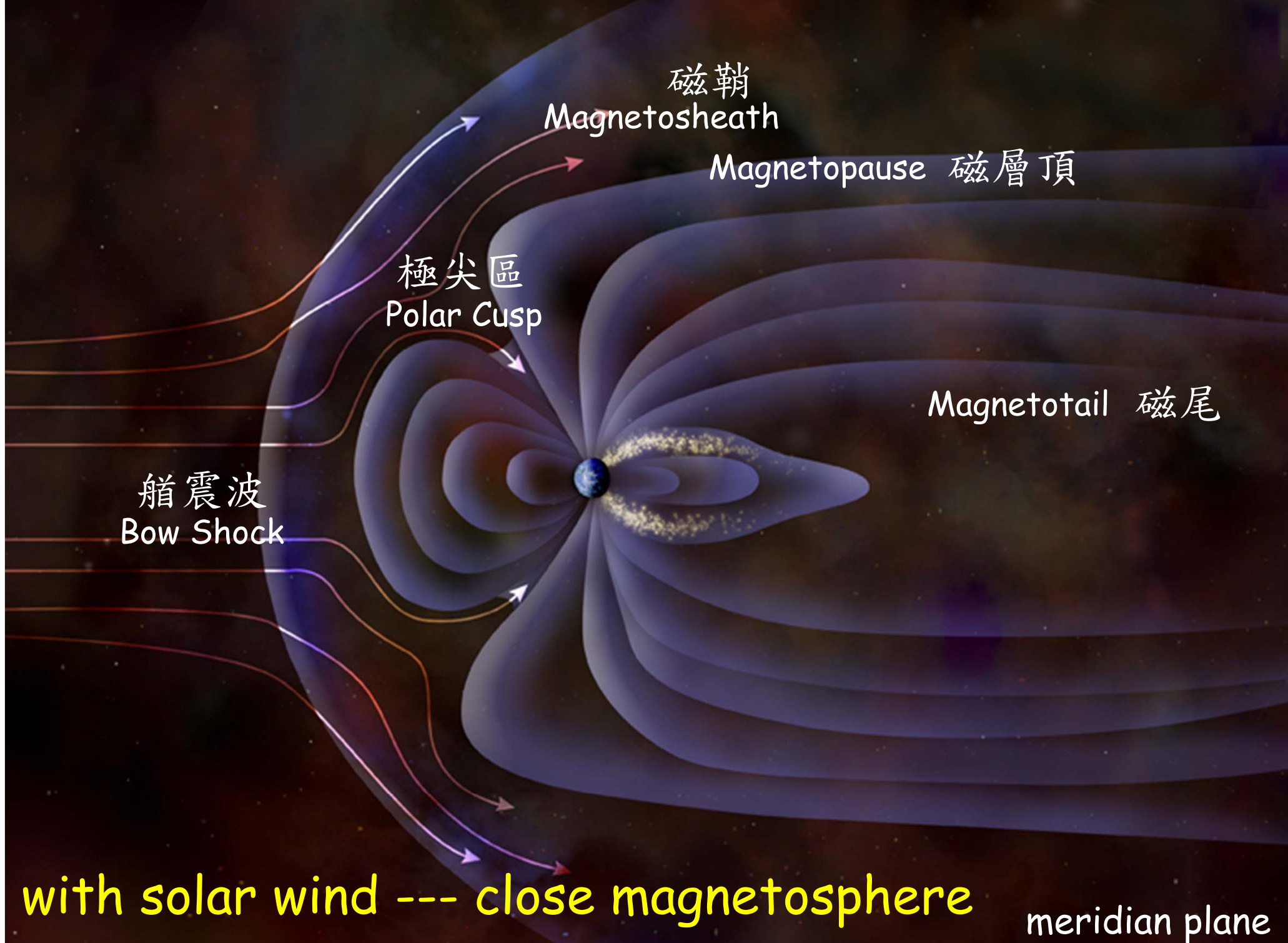
without solar wind



*The Earth's North Magnetic Pole is, in fact, a *south* pole. (North poles on compasses point towards it.) Notice that the compass needle in the picture has the white (south) tip pointing north, and the field line arrows point from south to north.

Larger versions of this image are available: contact peter.reid@ed.ac.uk

Peter Reid, 2007



磁鞘

Magnetosheath

Magnetopause 磁層頂

極尖區

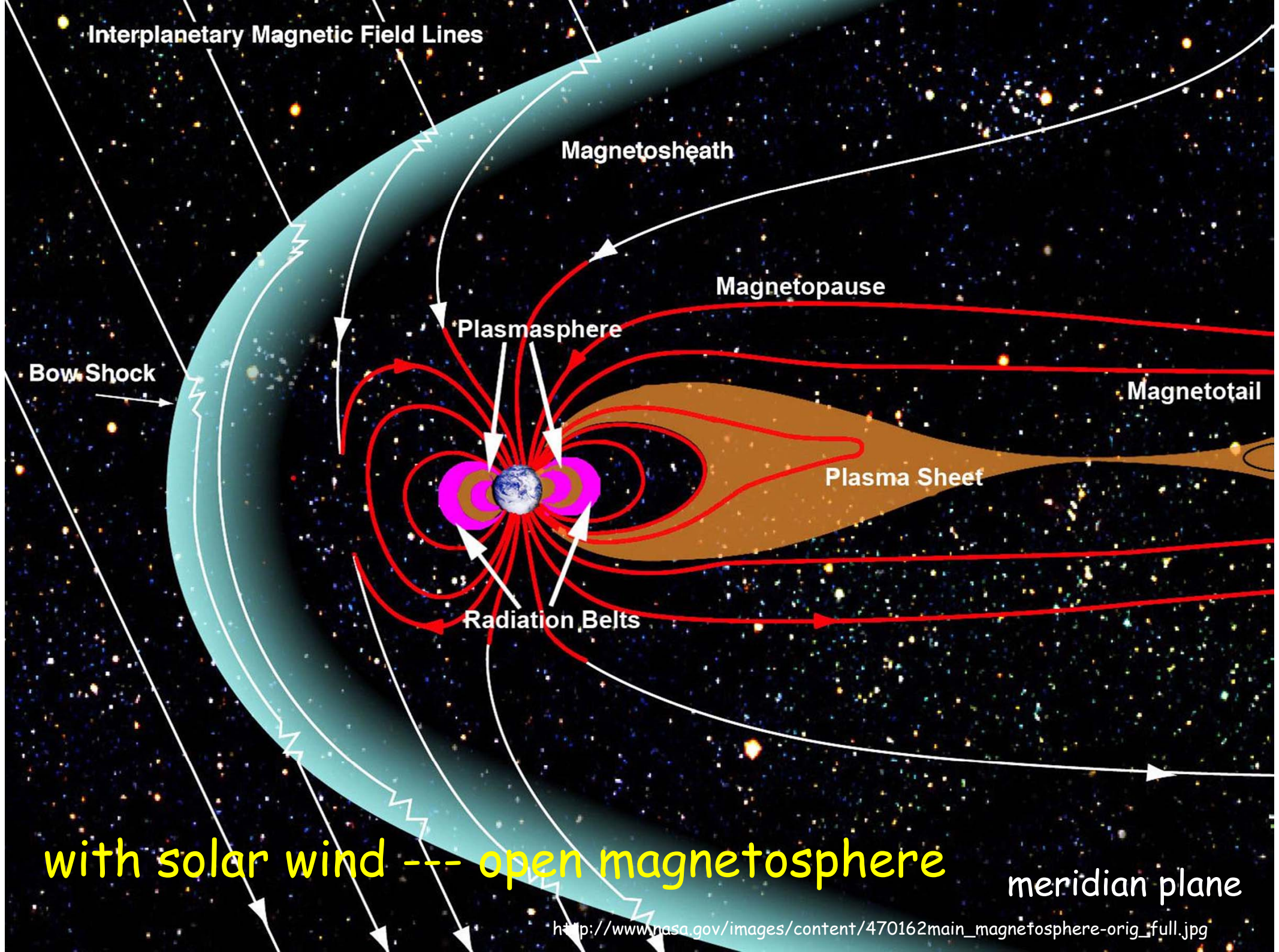
Polar Cusp

Magnetotail 磁尾

船震波
Bow Shock

with solar wind --- close magnetosphere

meridian plane



with solar wind --- open magnetosphere

meridian plane

