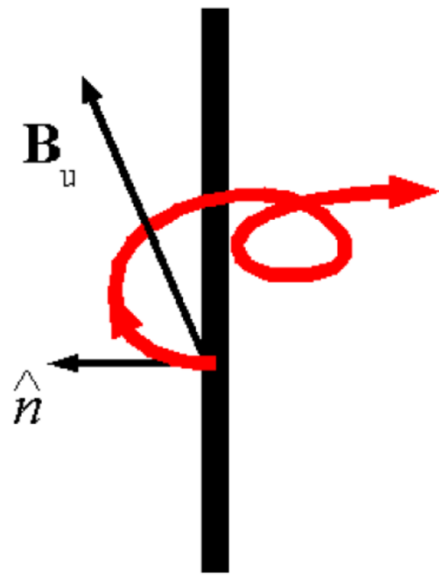
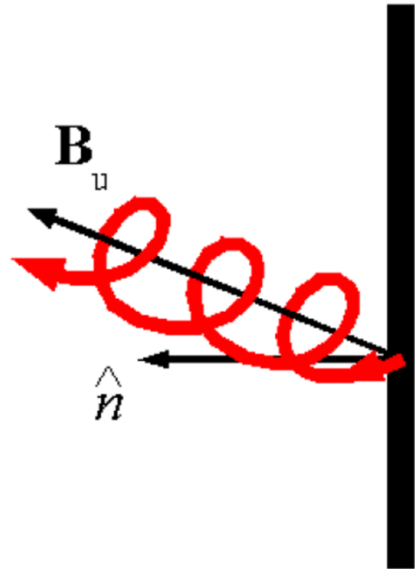


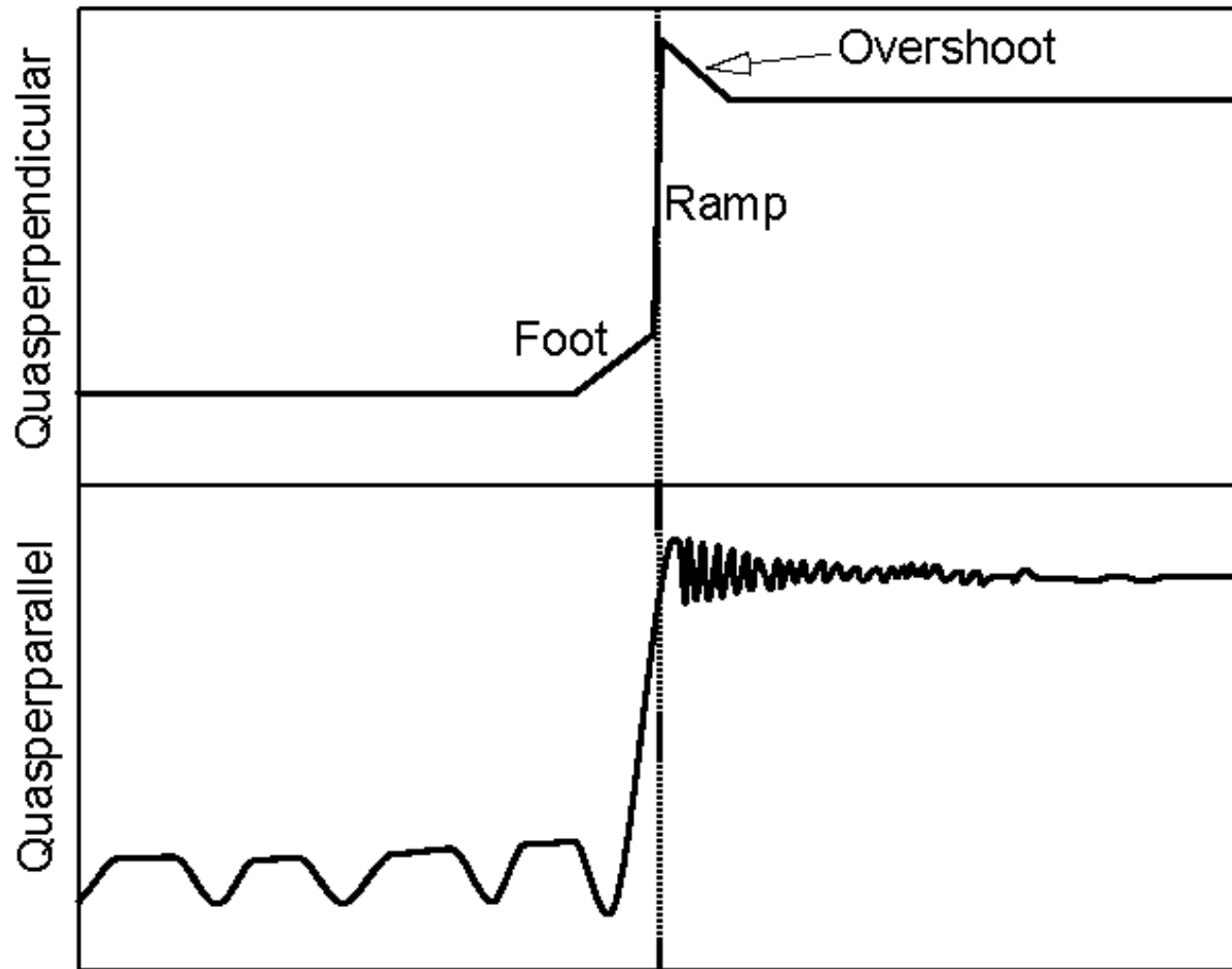
Fig. 5.5 in M. G. Kivelson and C. T. Russell (1995)

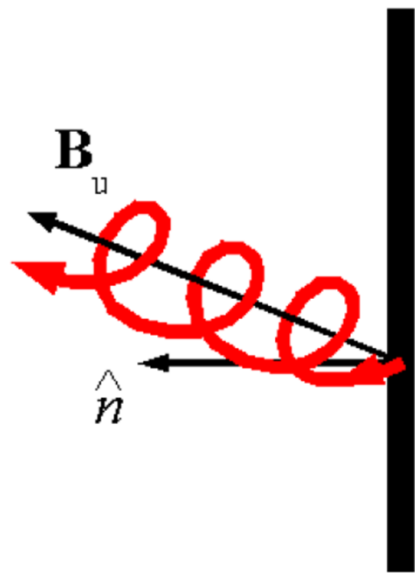


Quasi-perpendicular

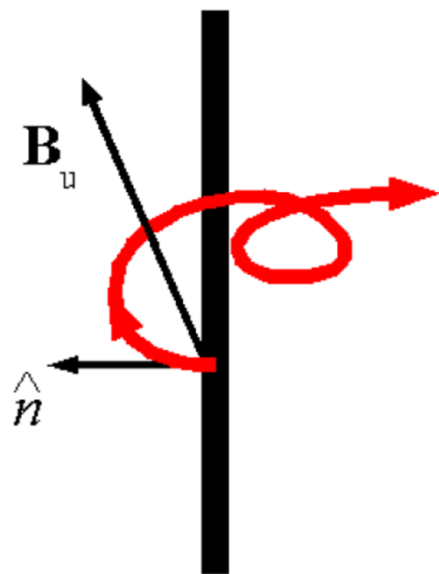


Quasi-parallel

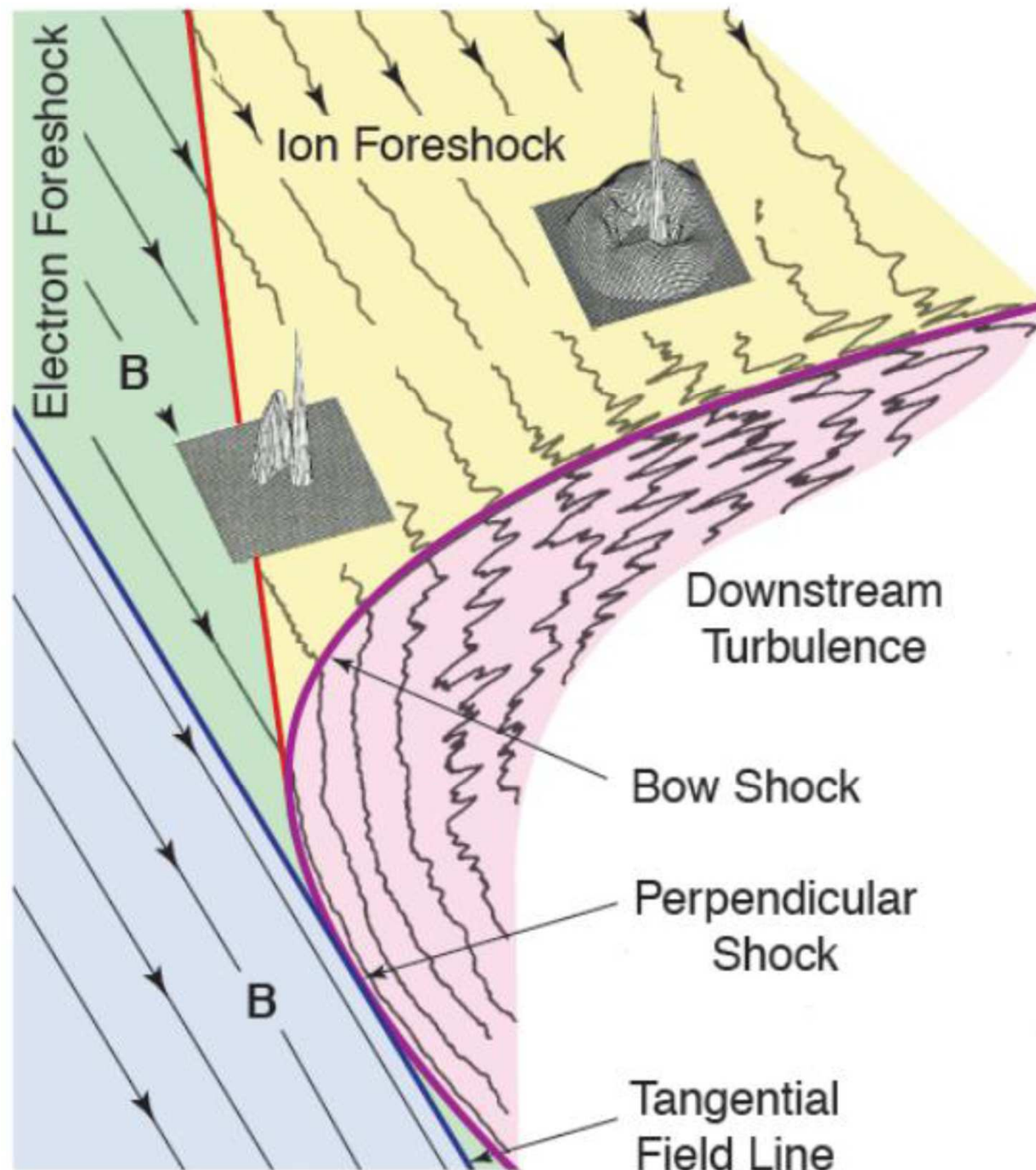




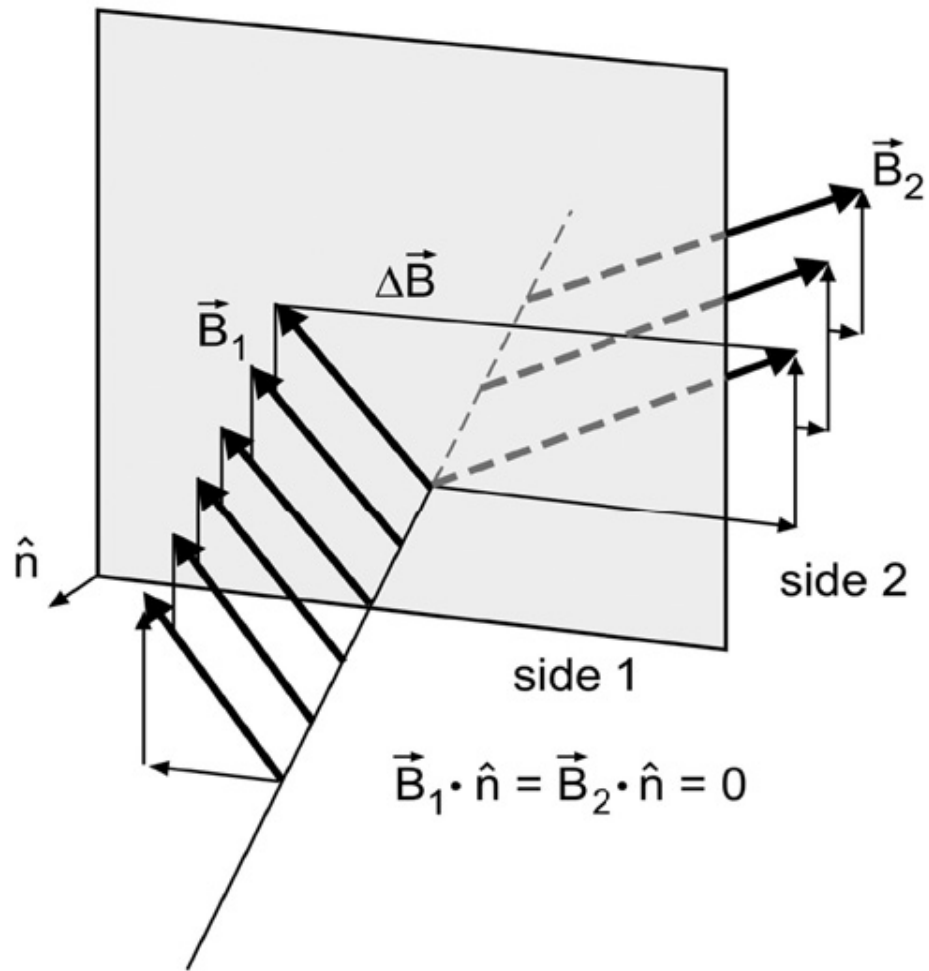
Quasi-parallel



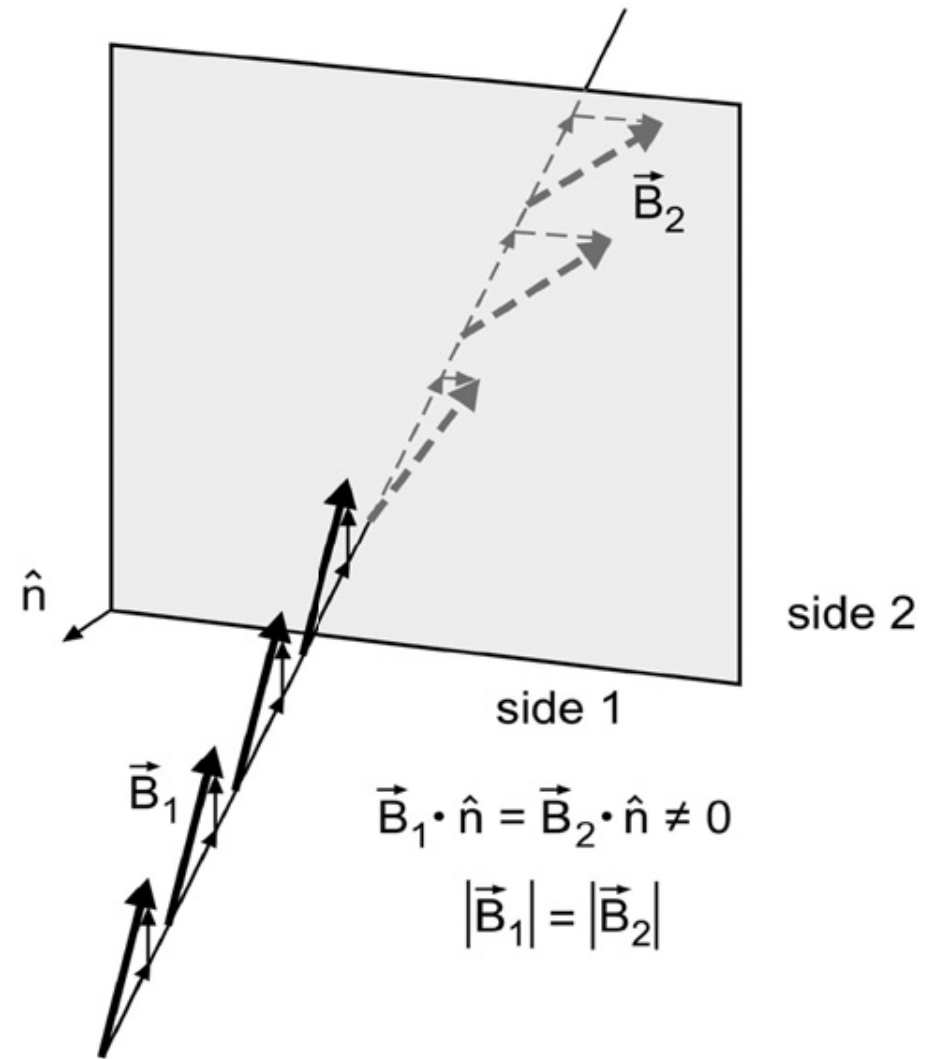
Quasi-perpendicular

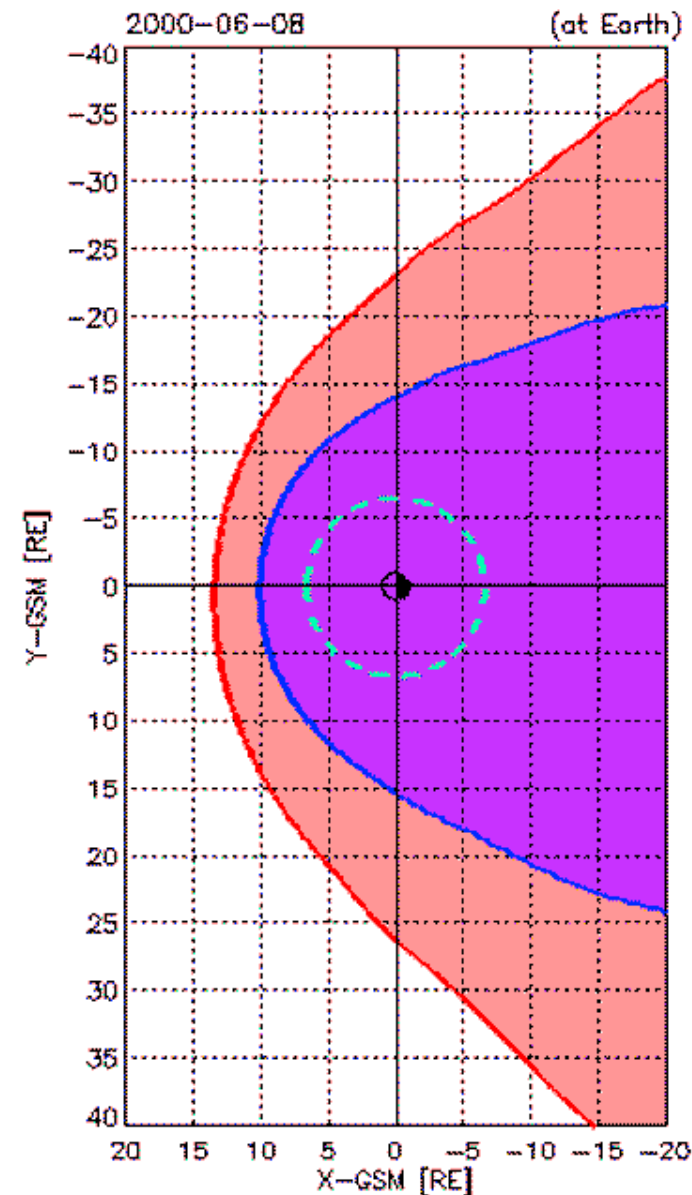
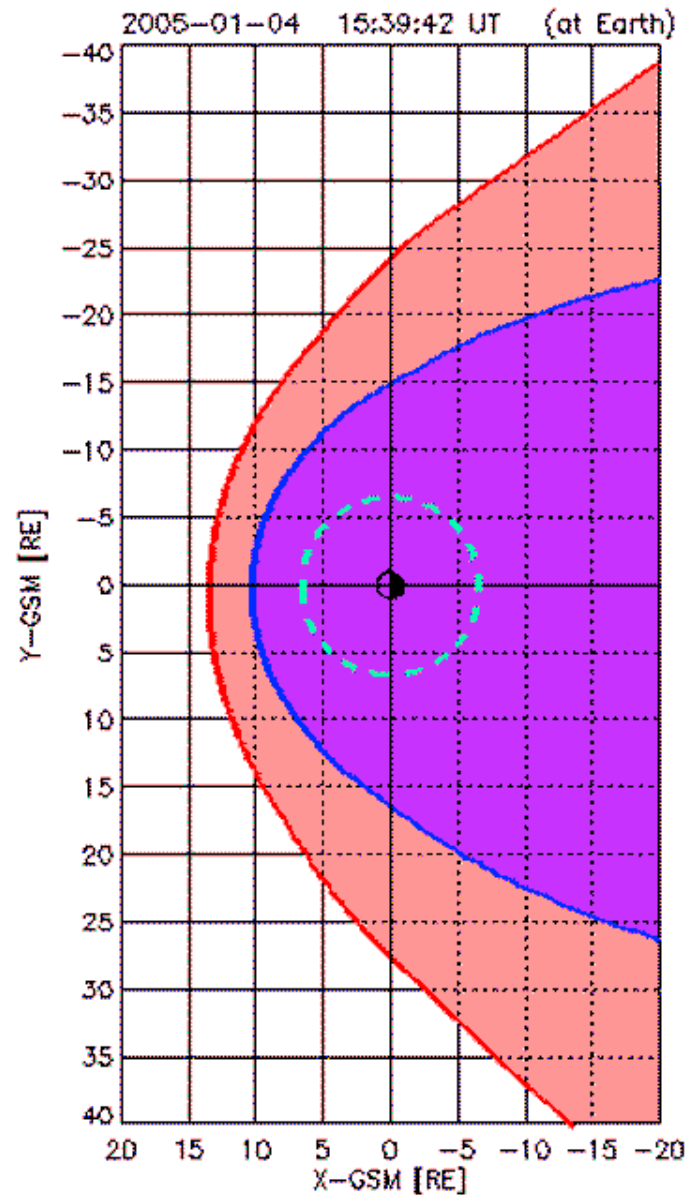
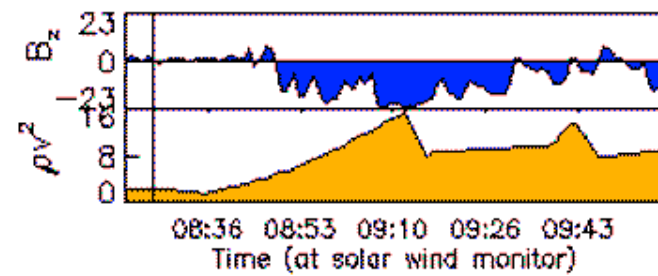
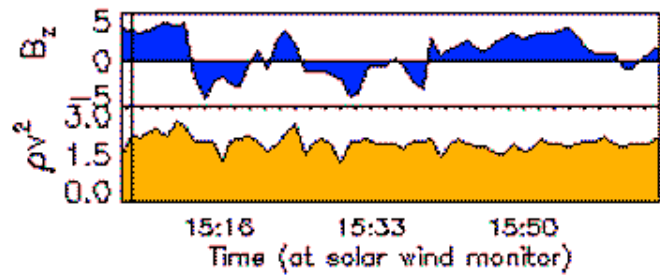


Tangential Discontinuity

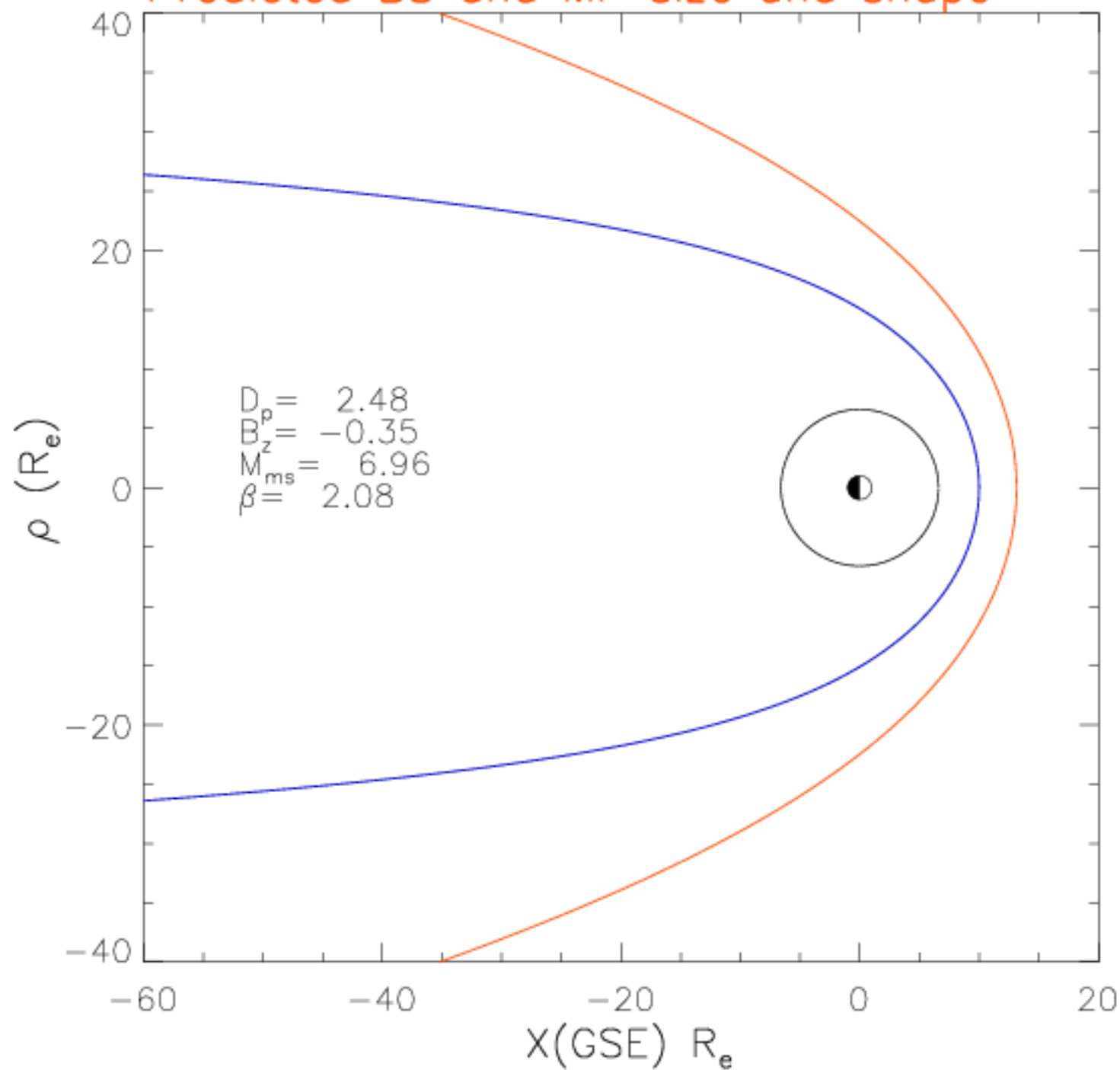


Rotational Discontinuity

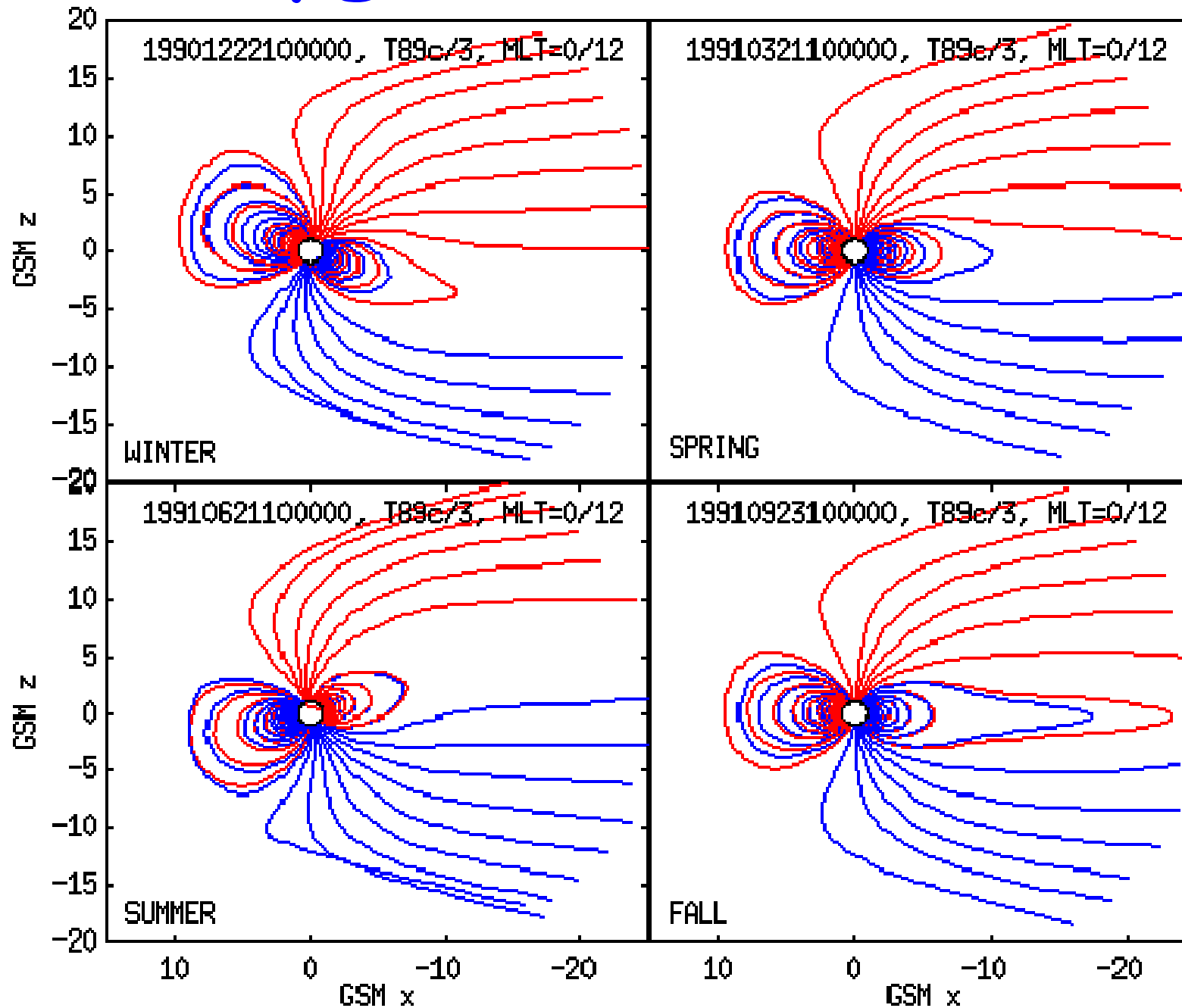




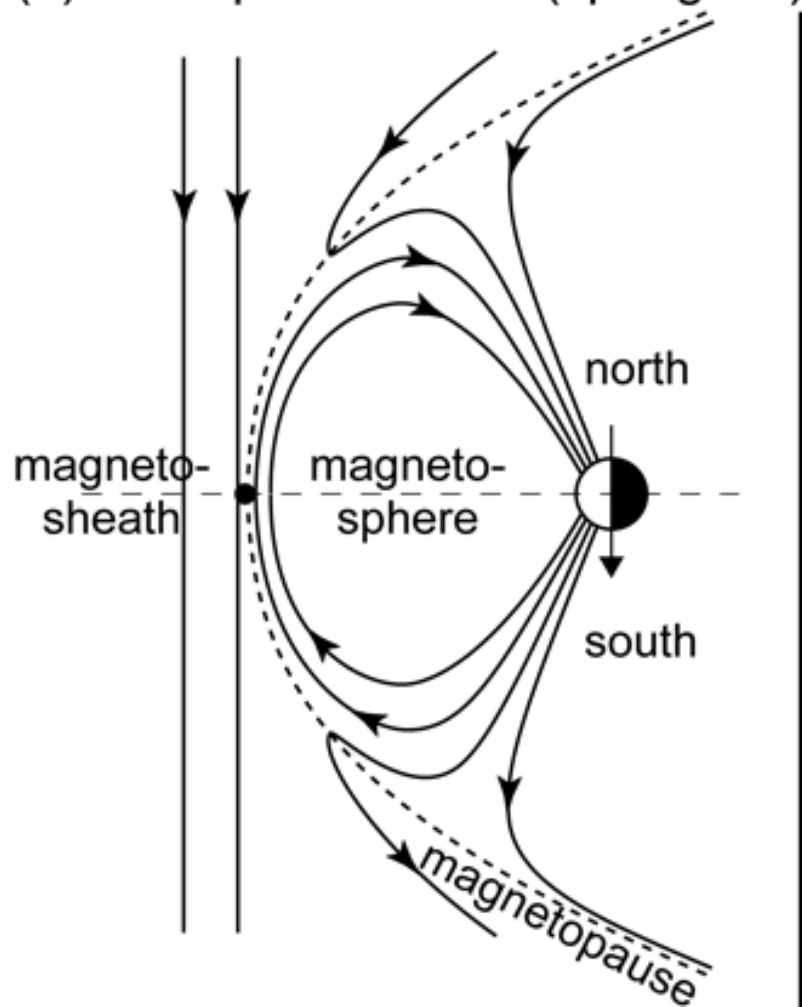
Predicted BS and MP size and shape



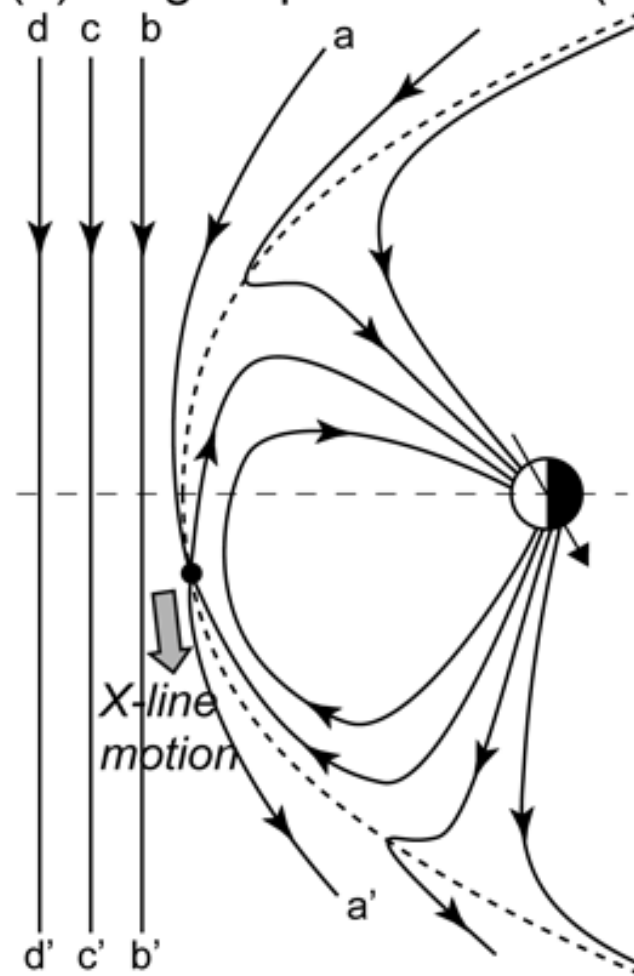
Tsyganenko models

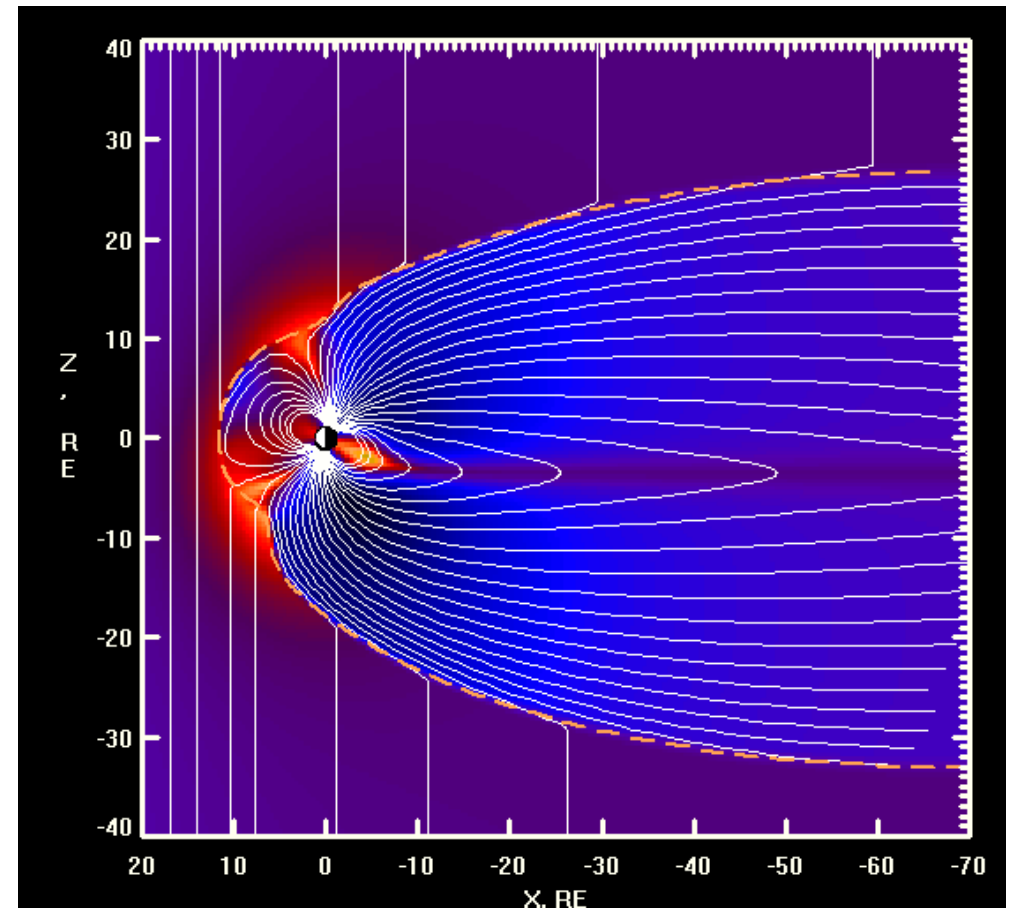
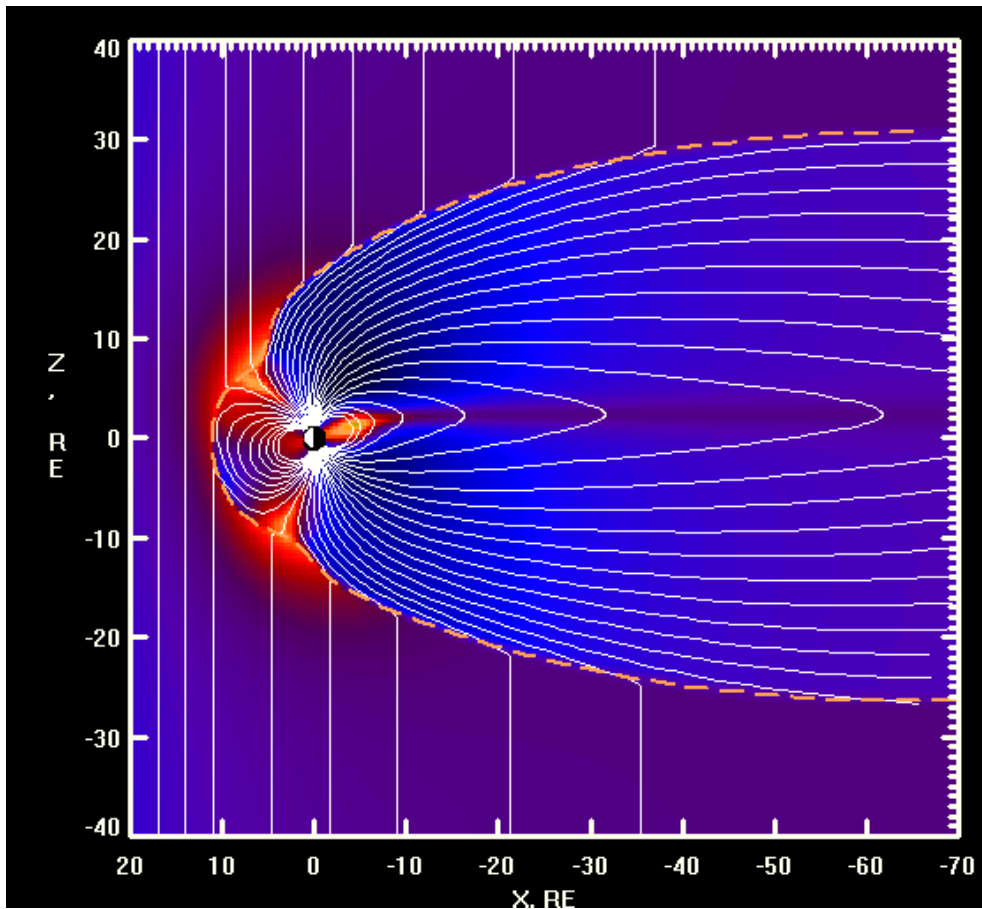


(a) No dipole tilt case (spring/fall)



(b) Large dipole tilt case (summer/winter)





Yellow and red colors correspond to the negative values of DB (depressed field inside the ring current, in the dayside polar cusps, and in the plasma sheet of the magnetotail). Black and blue colors indicate a compressed field (in the subsolar region on the dayside and in the magnetotail lobes on the nightside).