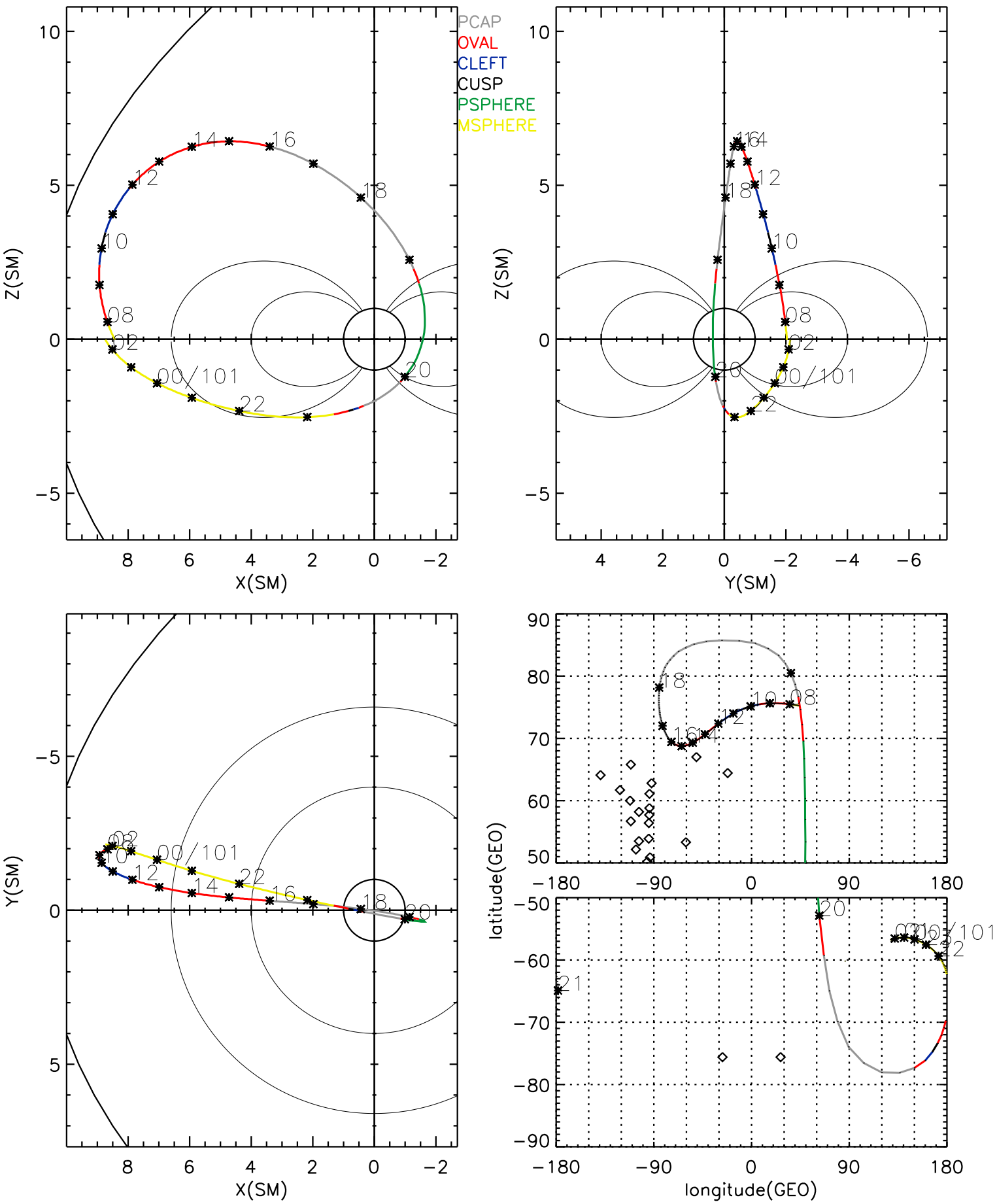POLAR orbit 2001 100 (04/10) 07:30 UT to 2001 101 (04/11) 02:30 UT