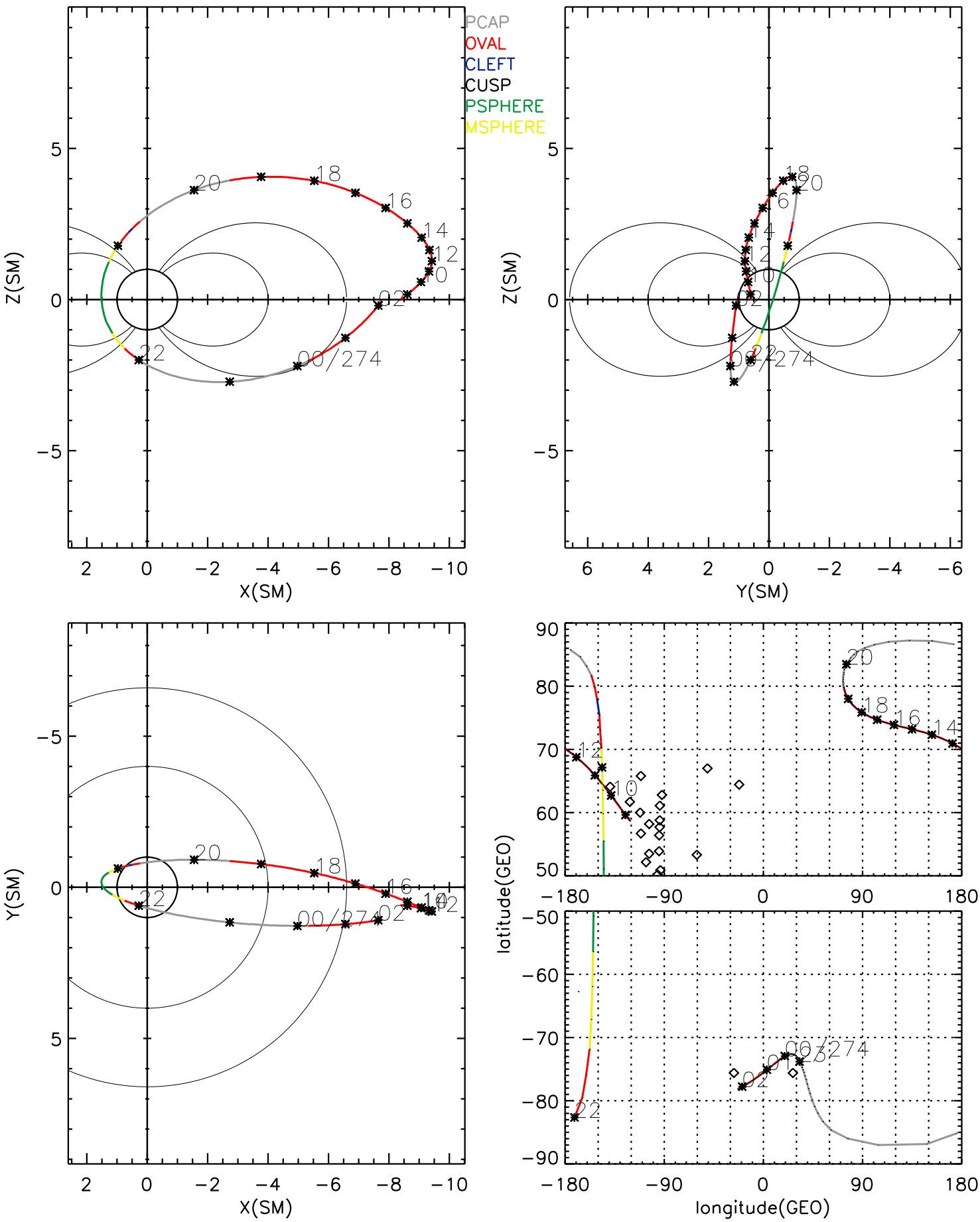POLAR orbit 2001 273 (09/30) 08:36 UT to 2001 274 (10/01) 02:09 UT