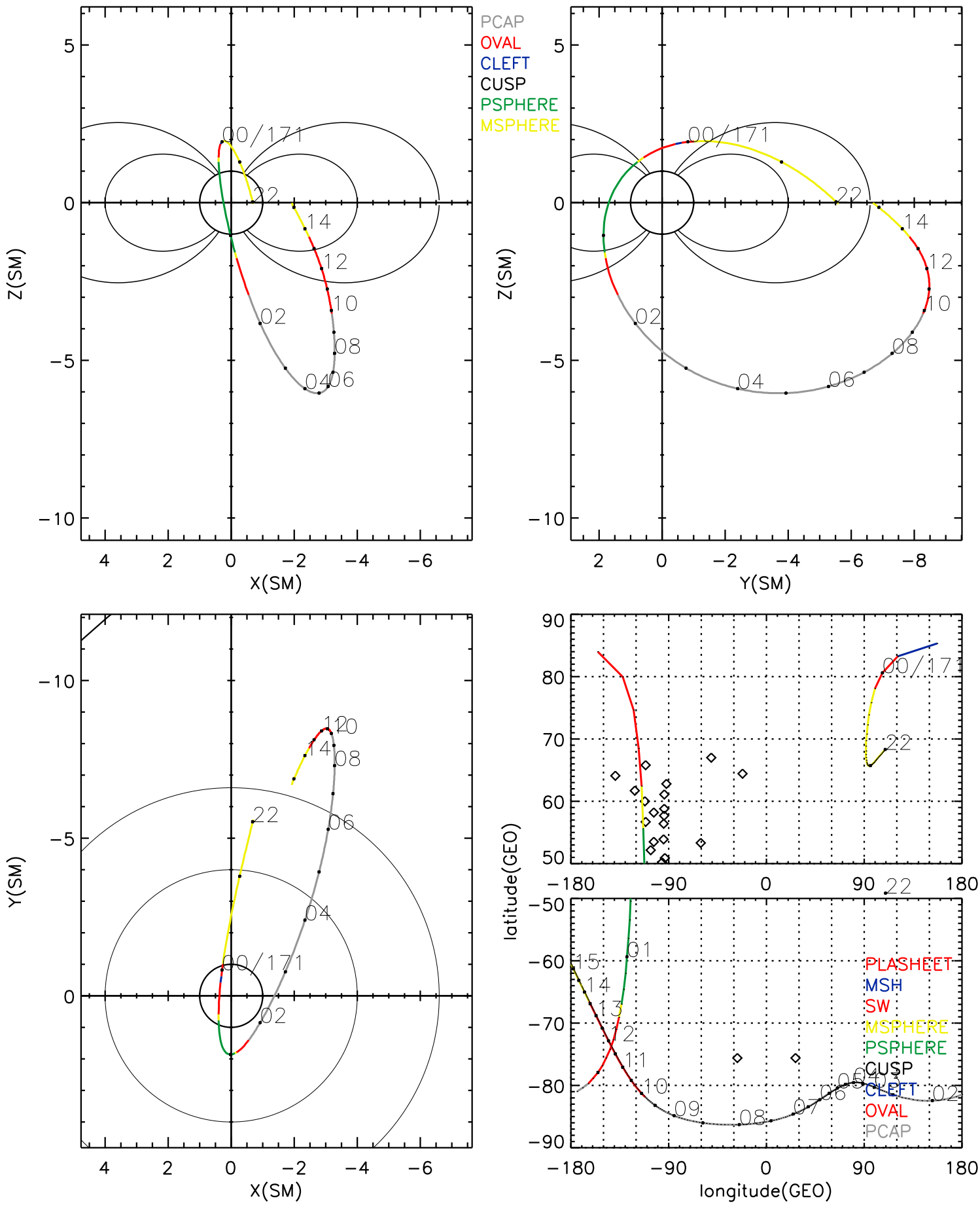POLAR orbit 2004 170 (06/18) 21:57 UT to 2004 171 (06/19) 15:12 UT