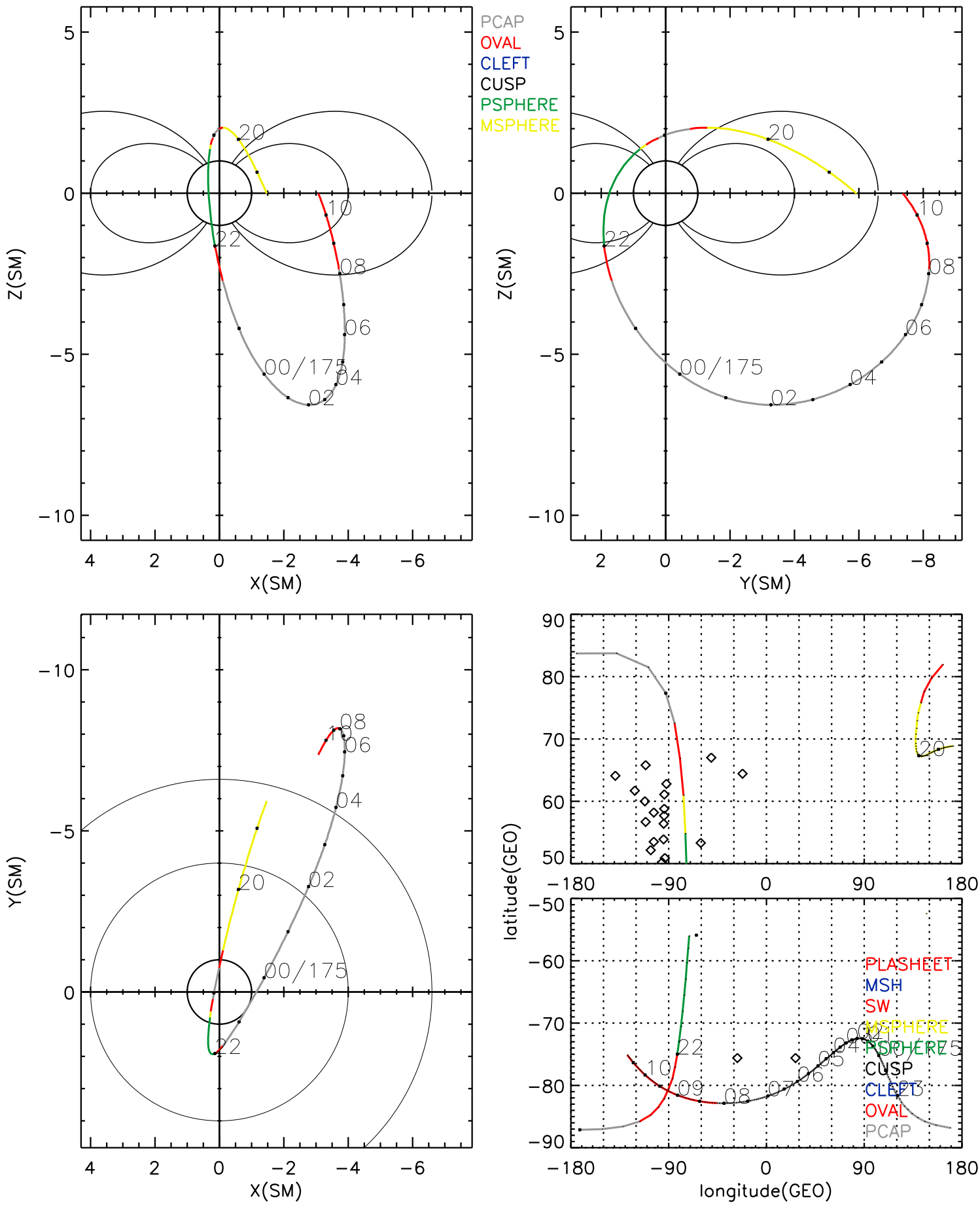POLAR orbit 2004 174 (06/22) 18:21 UT to 2004 175 (06/23) 10:48 UT