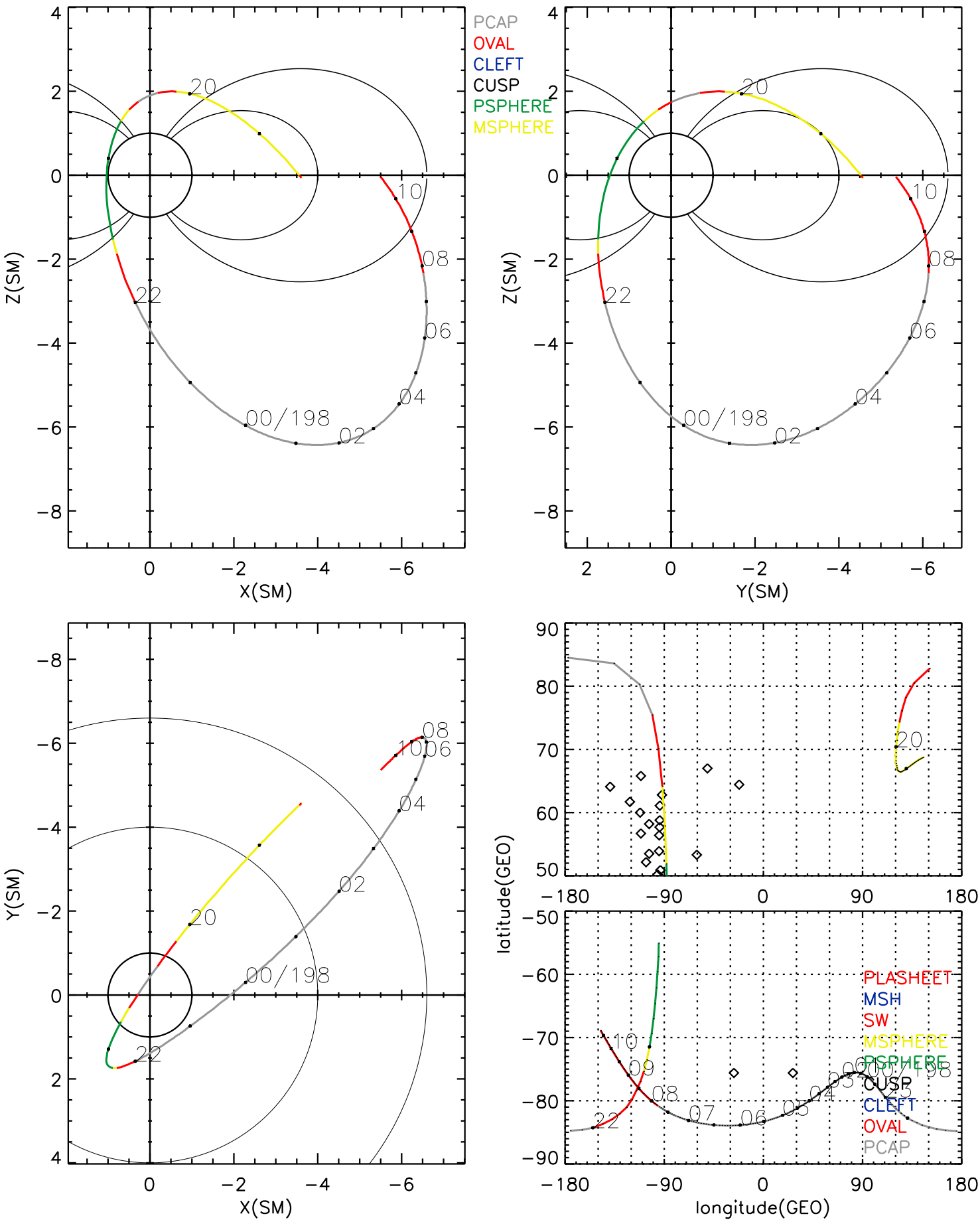POLAR orbit 2004 197 (07/15) 18:06 UT to 2004 198 (07/16) 10:42 UT