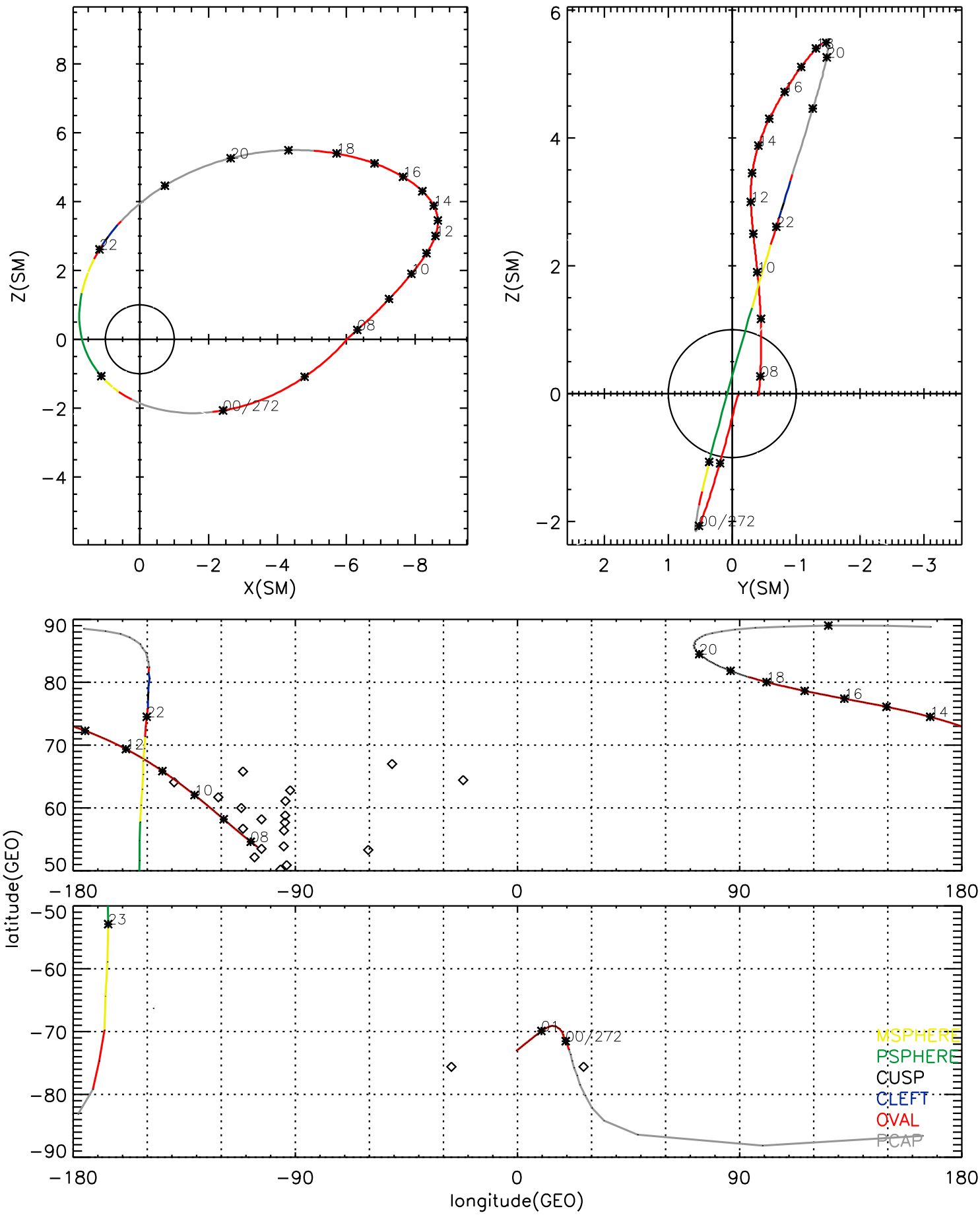POLAR orbit 2000 271 (09/27) 07:42 UT to 2000 272 (09/28) 01:48 UT