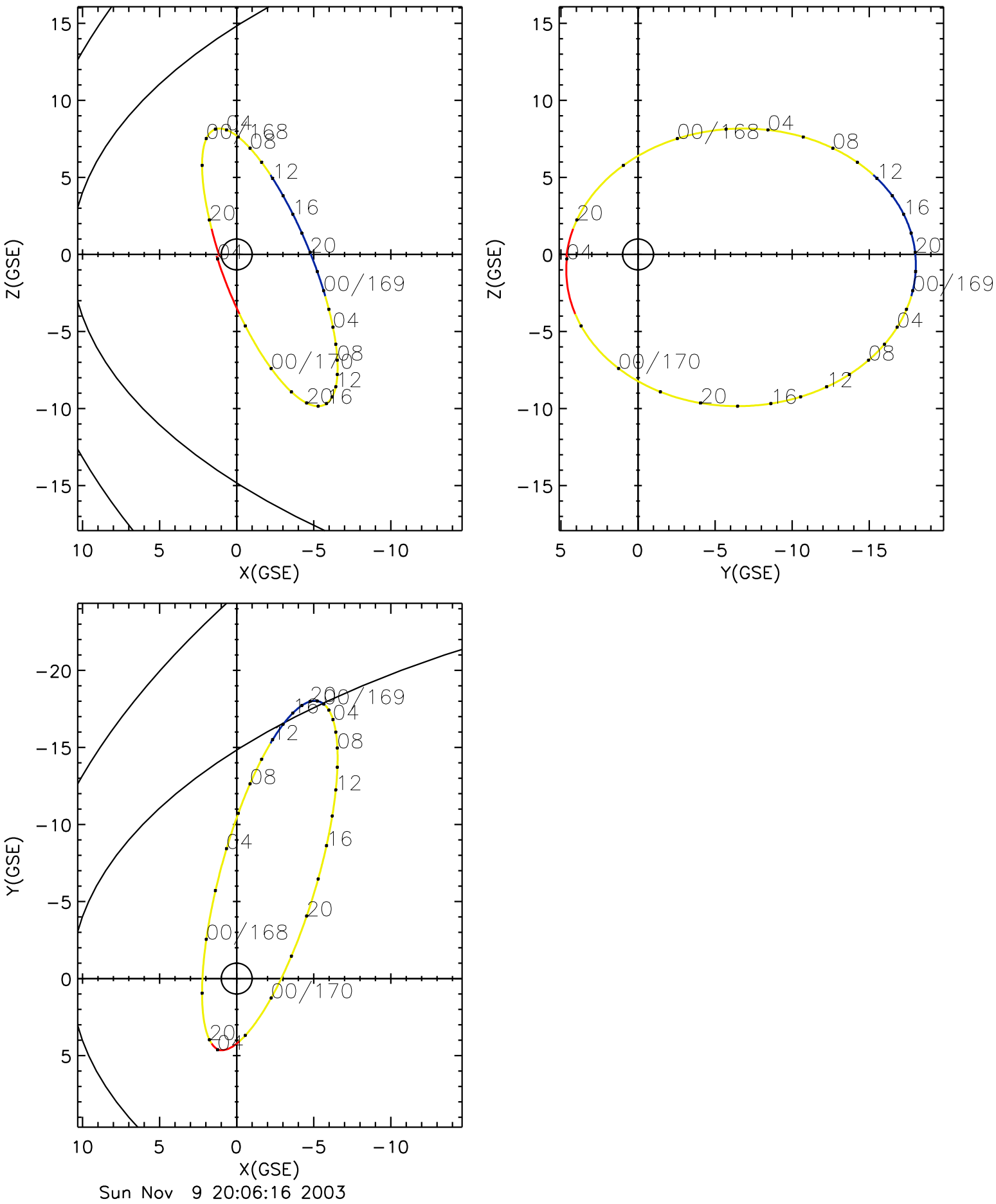CLUSTER 2 orbit 2004 167 (06/15) 19:00 UT to 2004 170 (06/18) 04:05 UT