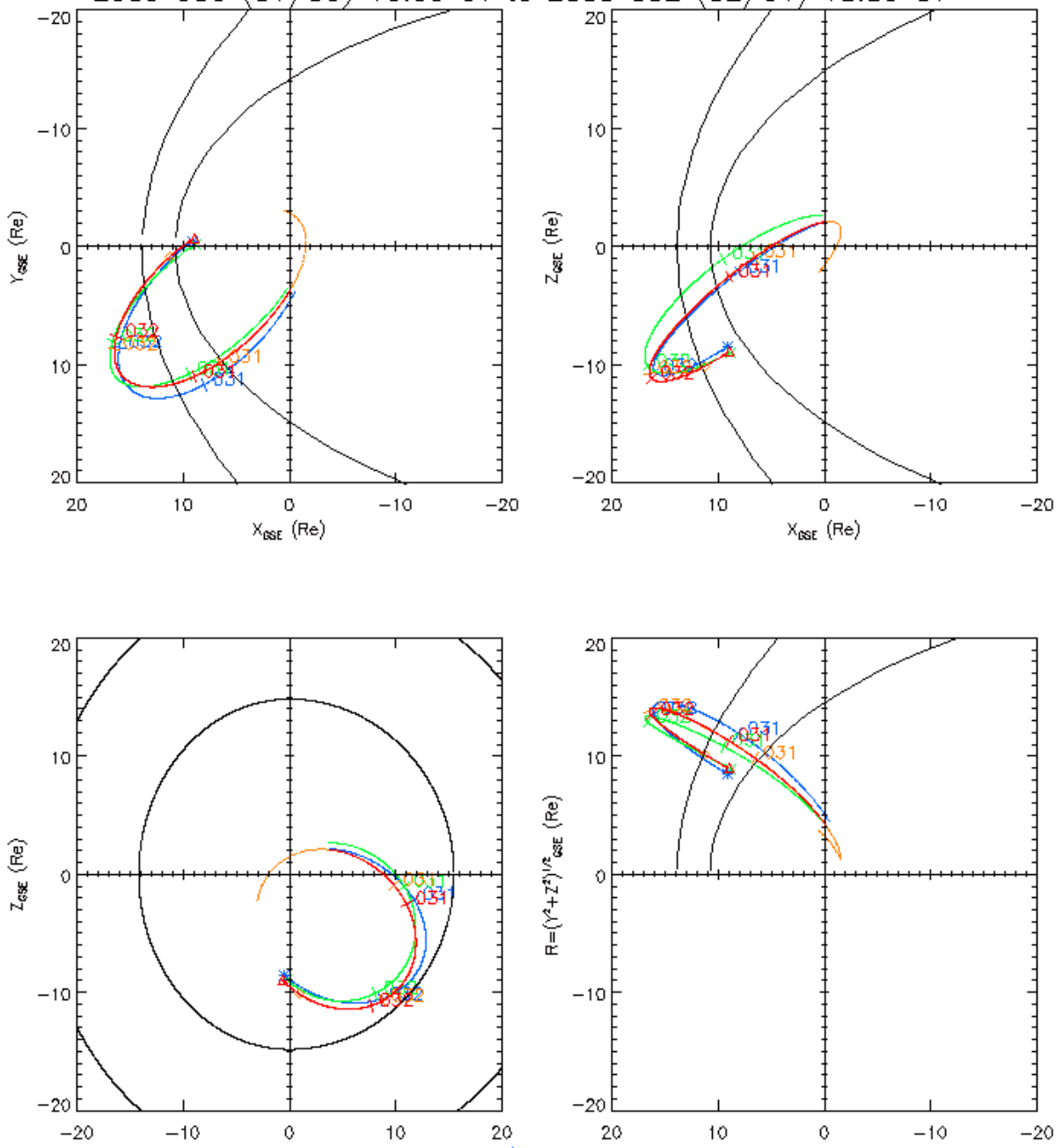
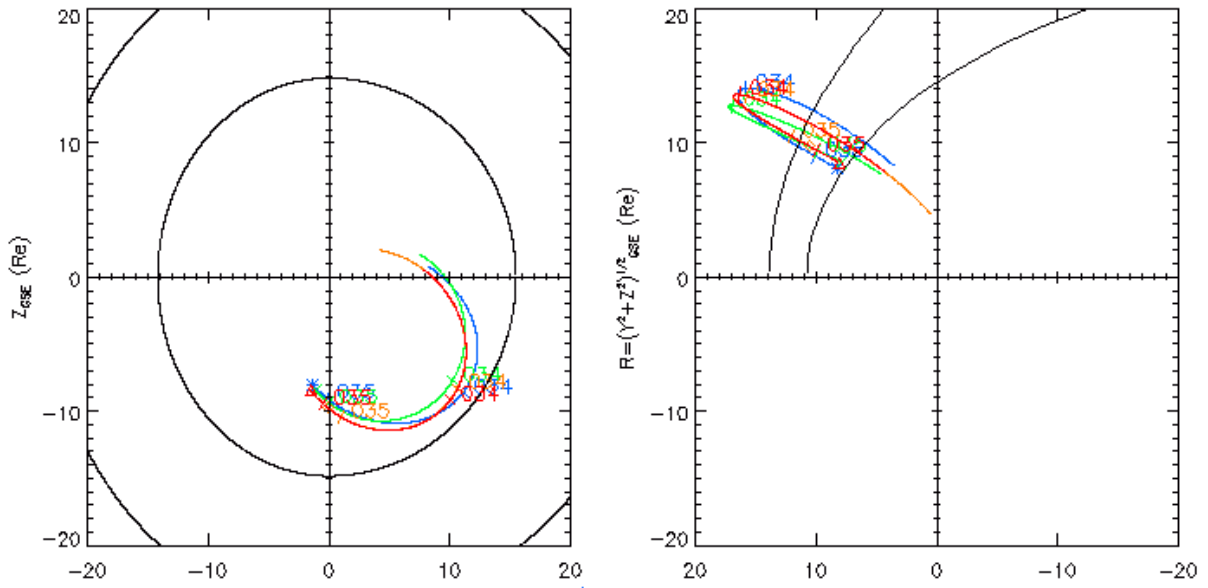
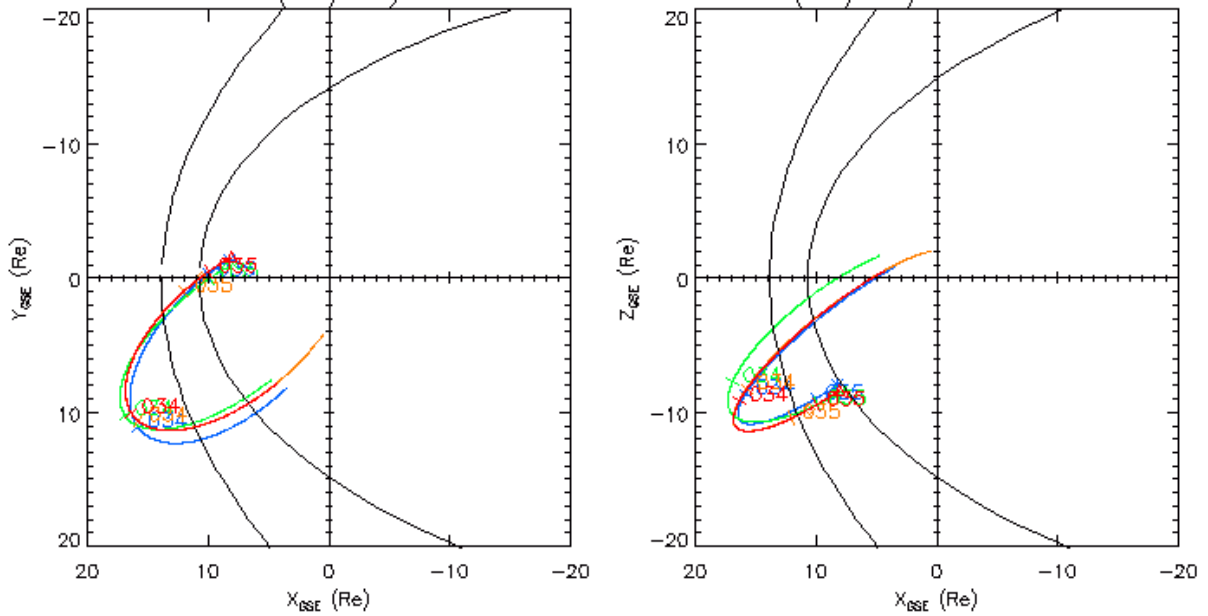


2009 030 (01/30) 16:00 UT to 2009 032 (02/01) 15:59 UT



S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 033 (02/02) 04:00 UT to 2009 035 (02/04) 01:59 UT

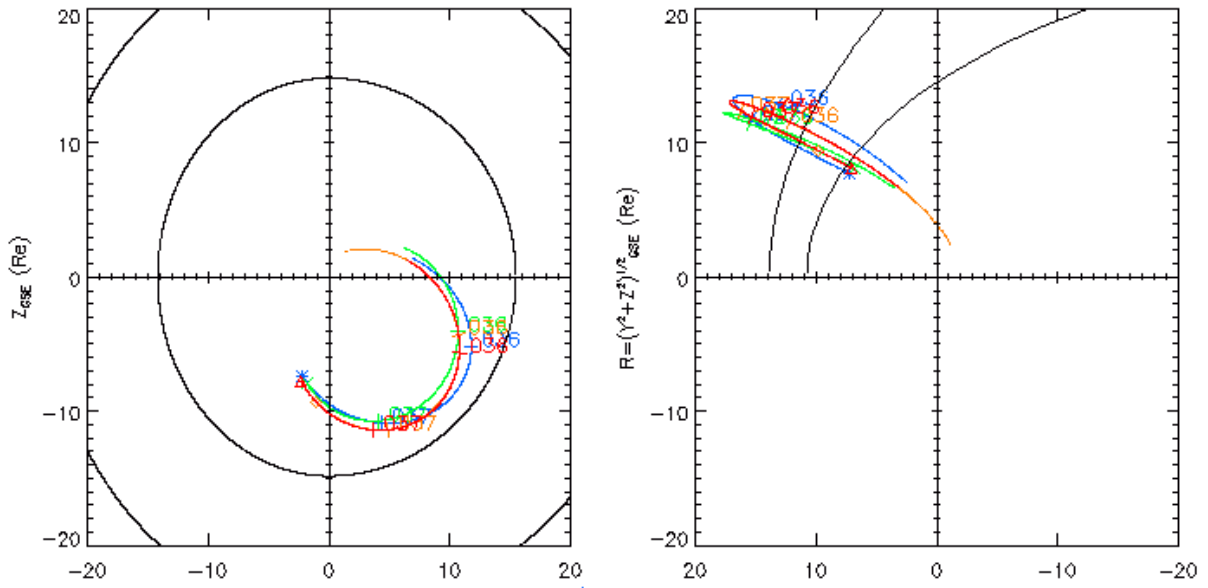
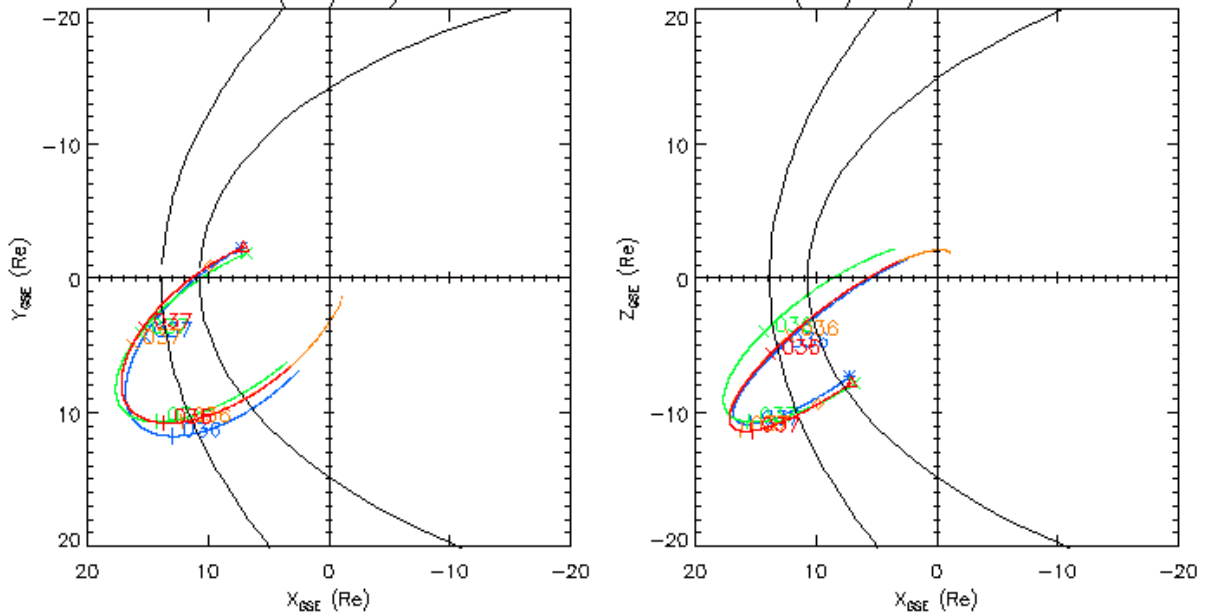


S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Wed Dec 3 08:08:36 2014

Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

2009 035 (02/04) 12:00 UT to 2009 037 (02/06) 11:59 UT

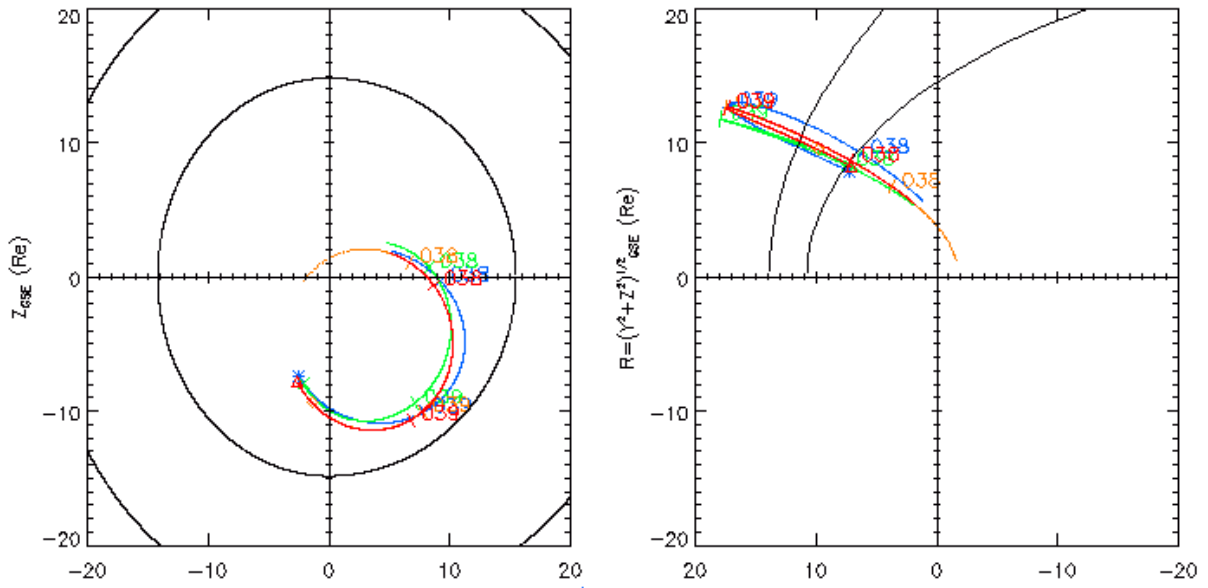
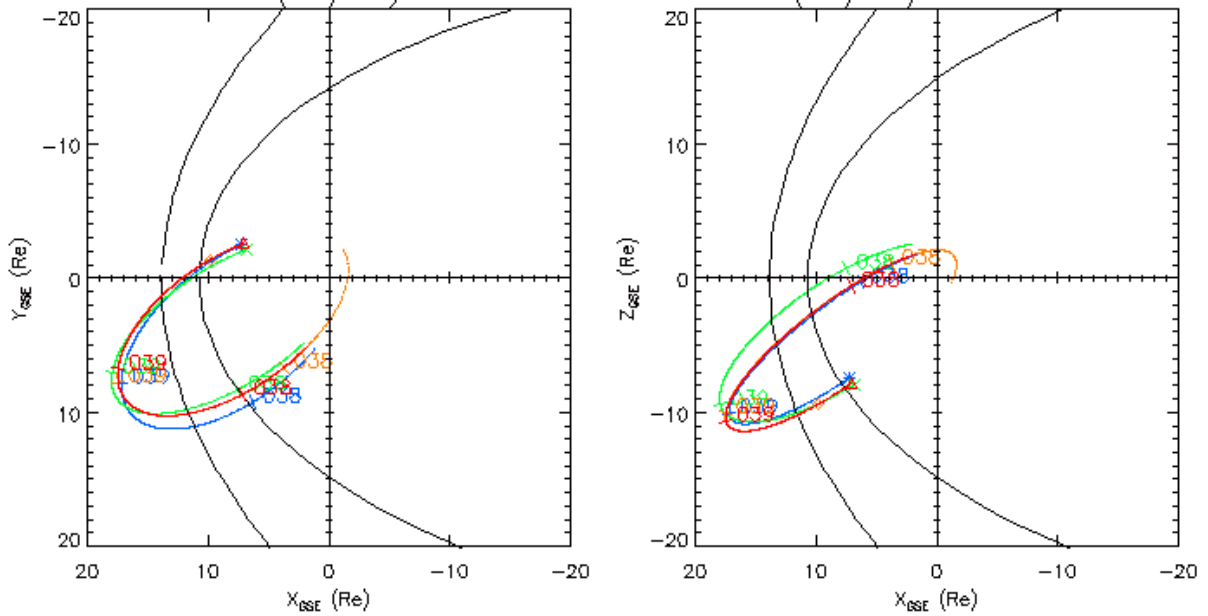


S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\blacktriangle$   
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Wed Dec 3 08:16:35 2014

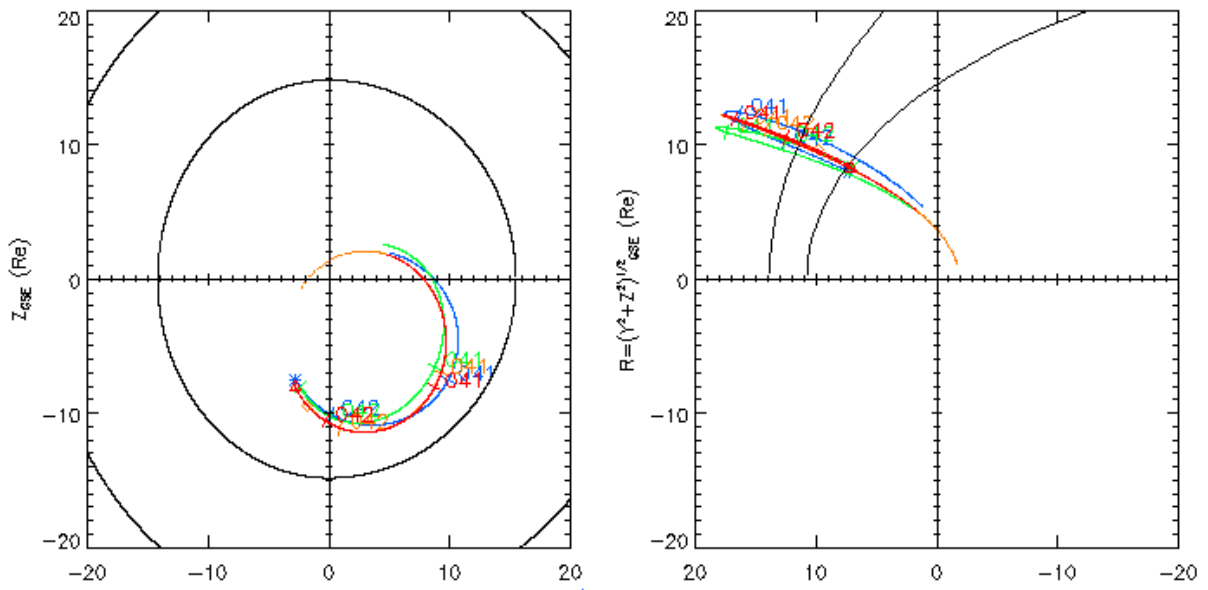
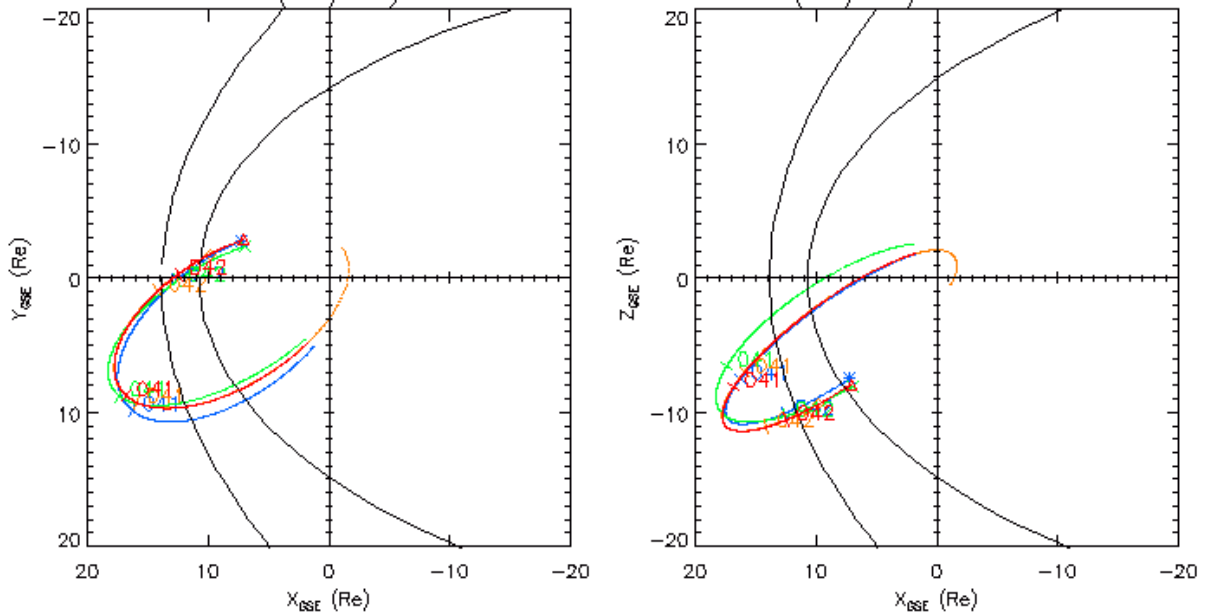
Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

2009 037 (02/06) 20:00 UT to 2009 039 (02/08) 20:59 UT



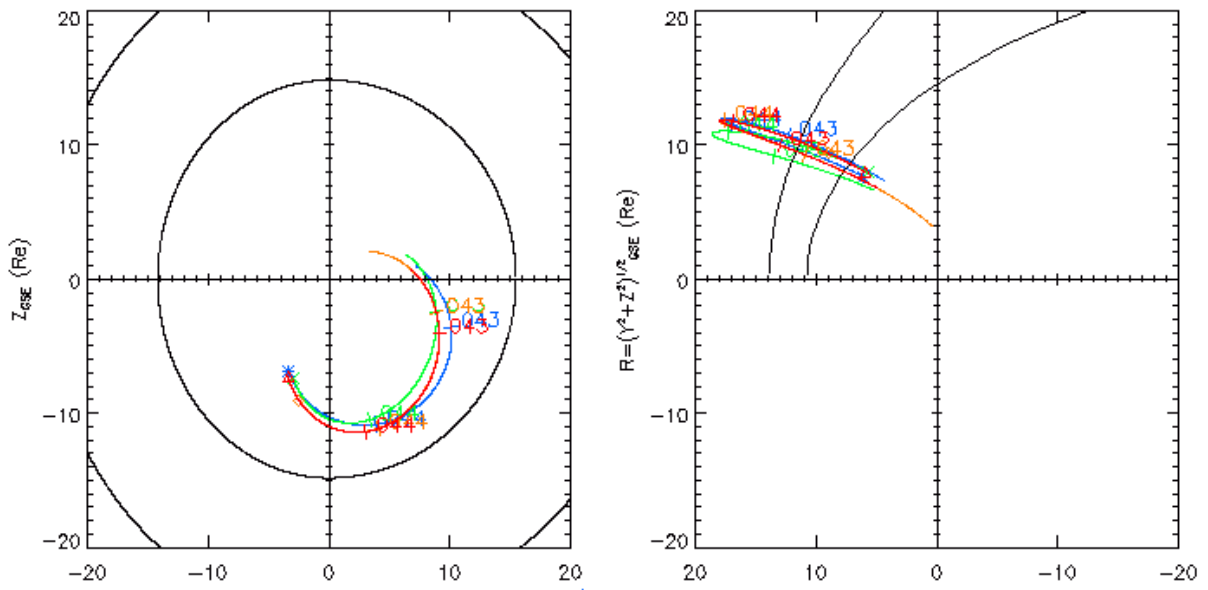
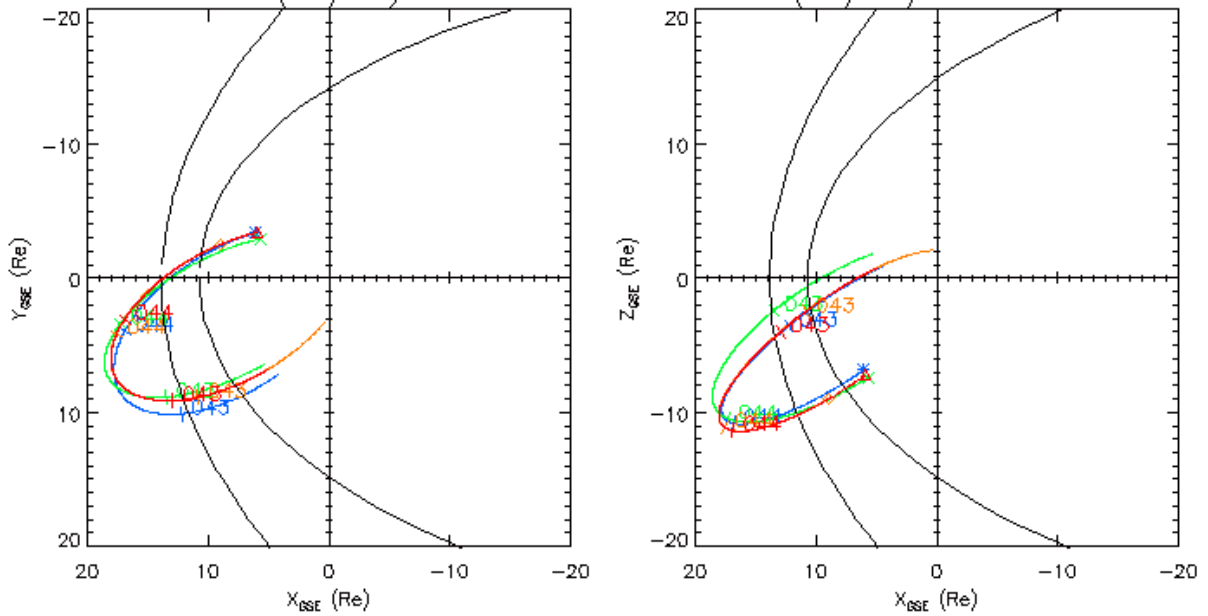
S/C in Magnetosphere . . .  $Y_{GSE}$  (Re) symbols mark s/c at end of time range  $X_{GSE}$  (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\triangle$   
 S/C in Solar Wind \_\_\_\_\_

2009 040 (02/09) 05:00 UT to 2009 042 (02/11) 05:59 UT



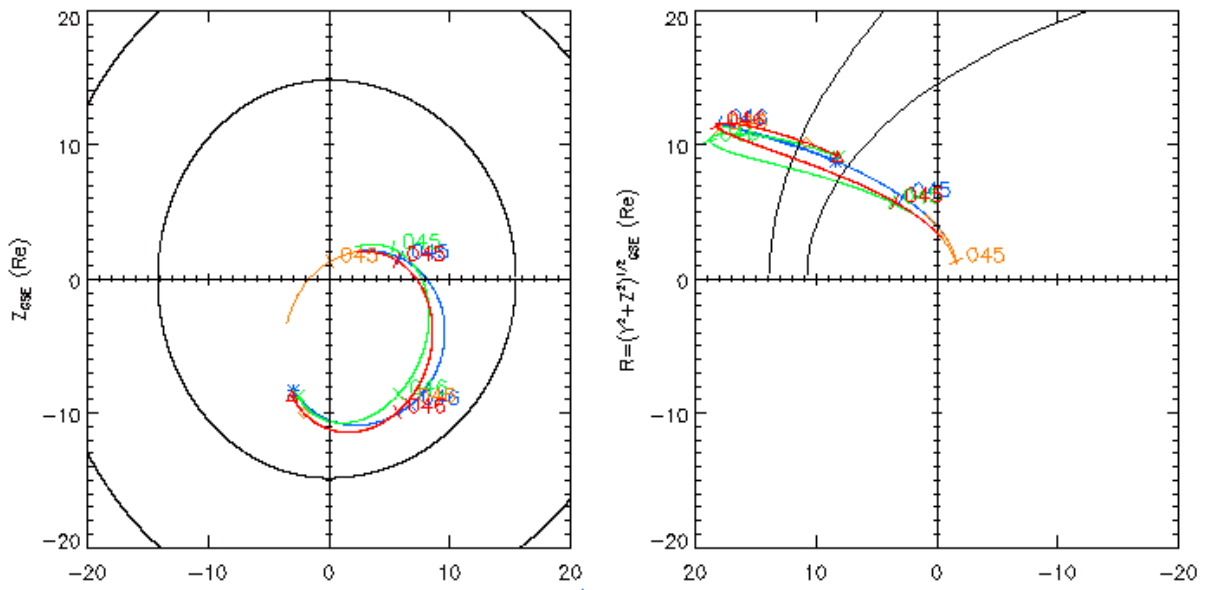
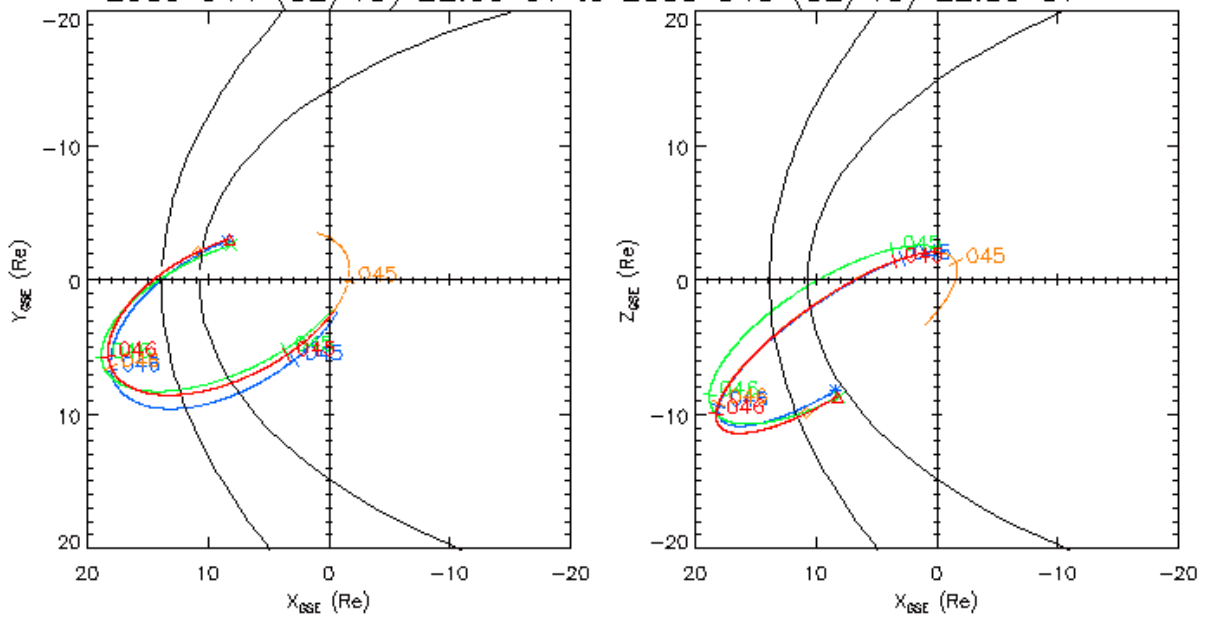
S/C in Magnetosphere . . . Y\_GSE (Re) symbols mark s/c at end of time range X\_GSE (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 042 (02/11) 16:00 UT to 2009 044 (02/13) 15:59 UT



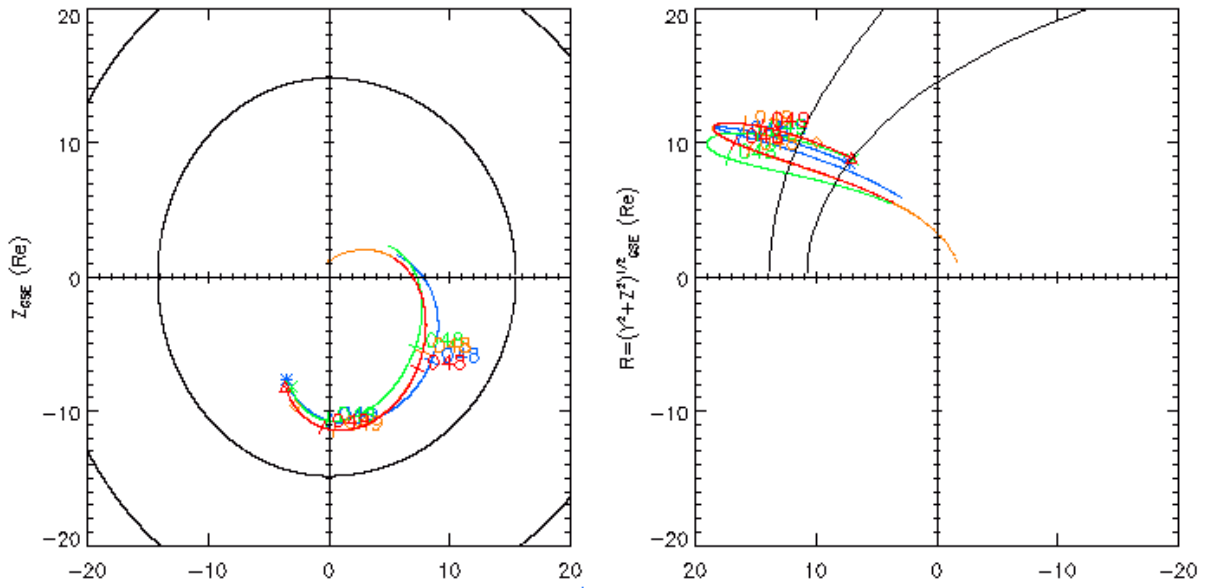
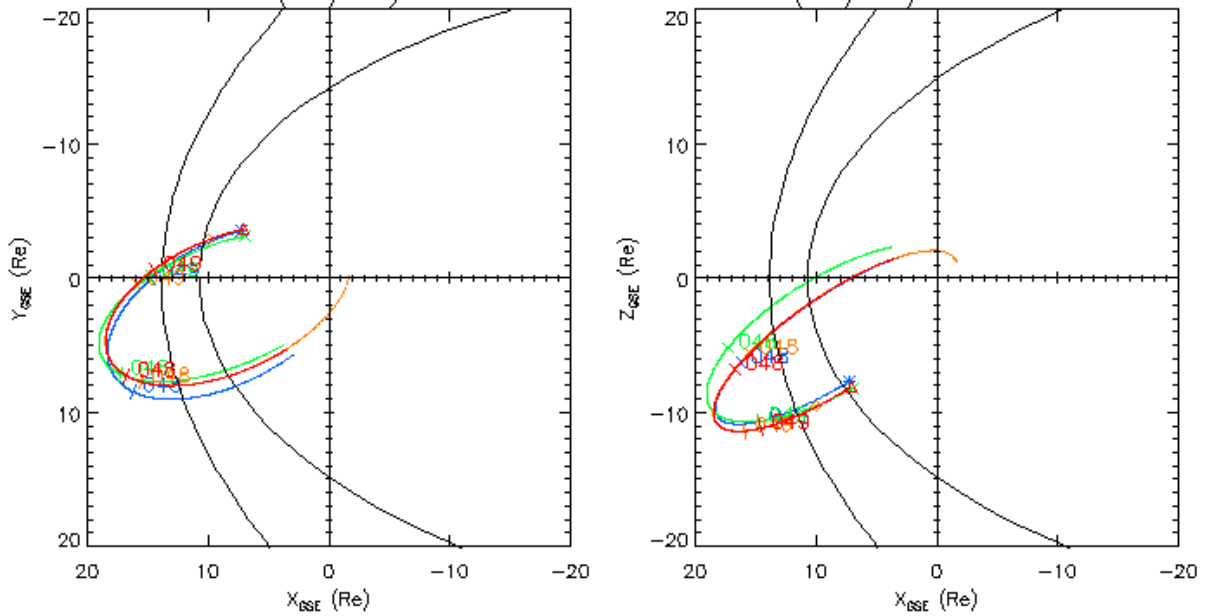
S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 044 (02/13) 22:00 UT to 2009 046 (02/15) 22:59 UT



S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 047 (02/16) 09:00 UT to 2009 049 (02/18) 08:59 UT



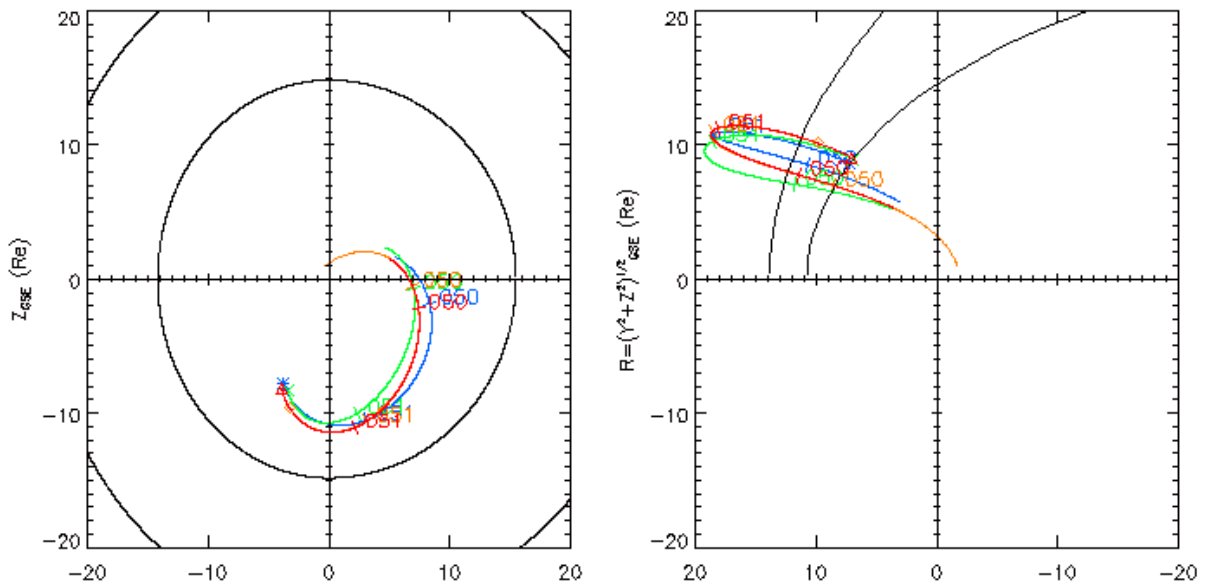
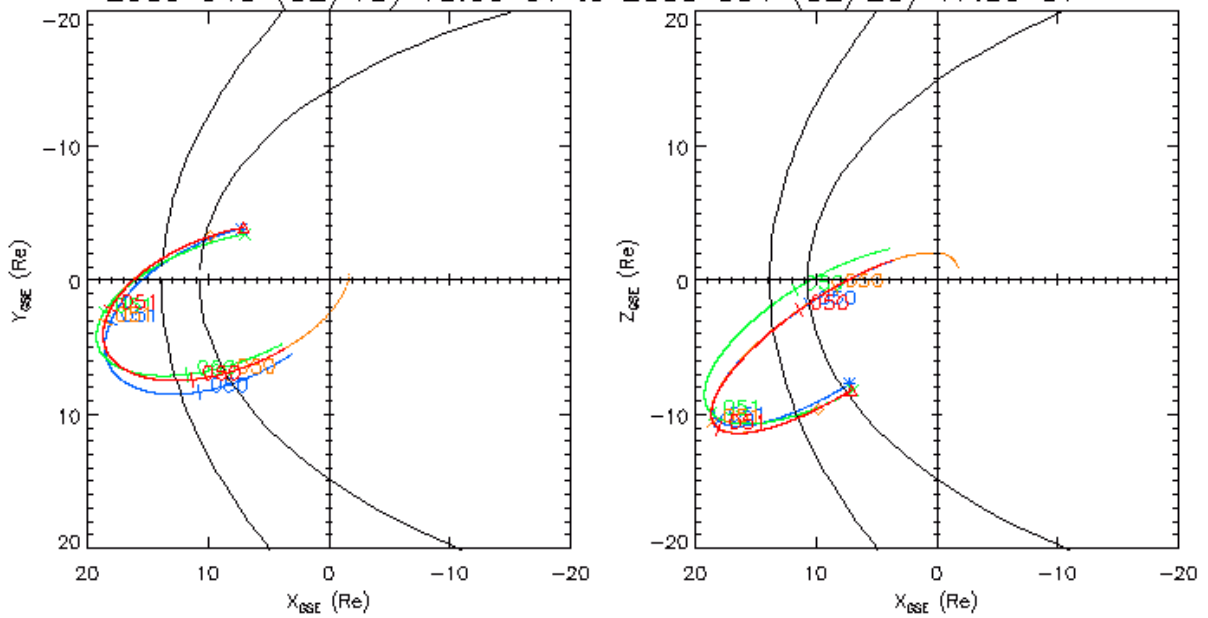
S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Wed Dec 3 11:01:51 2014

Solar Wind Pressure=2.1nP IMF BZ=0.0nT



2009 049 (02/18) 18:00 UT to 2009 051 (02/20) 17:59 UT

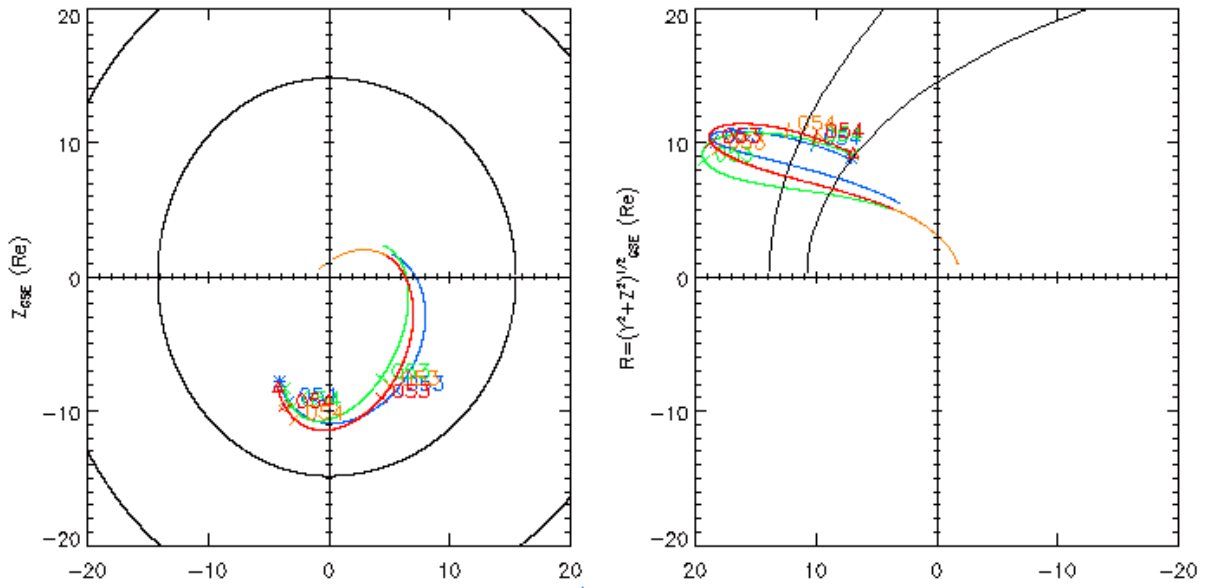
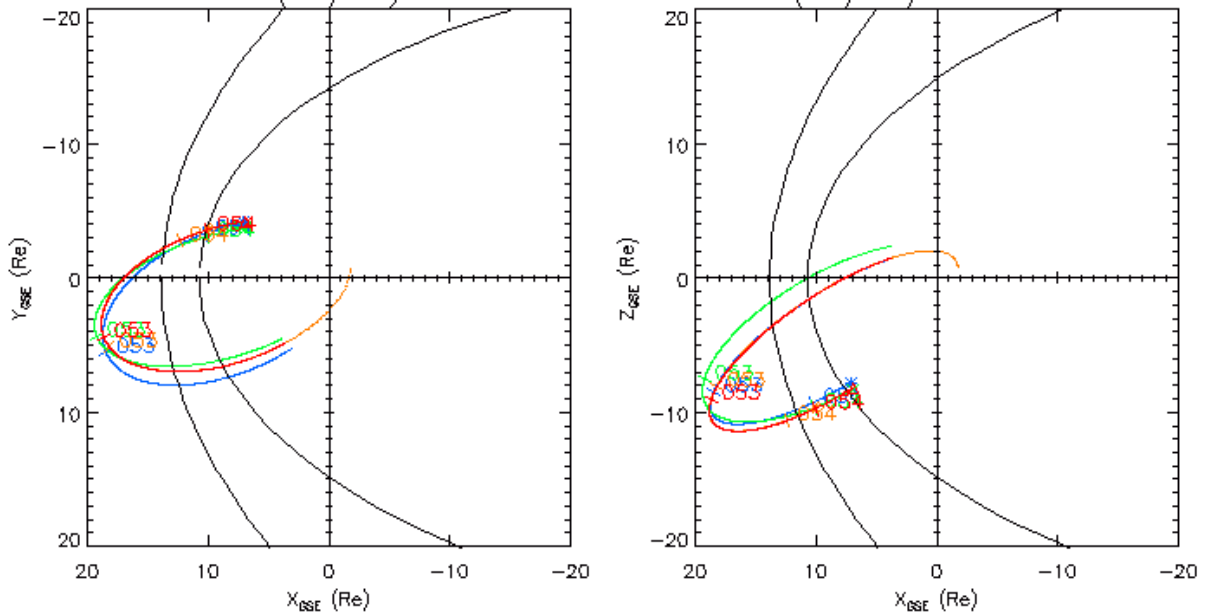


S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Wed Dec 3 11:03:10 2014

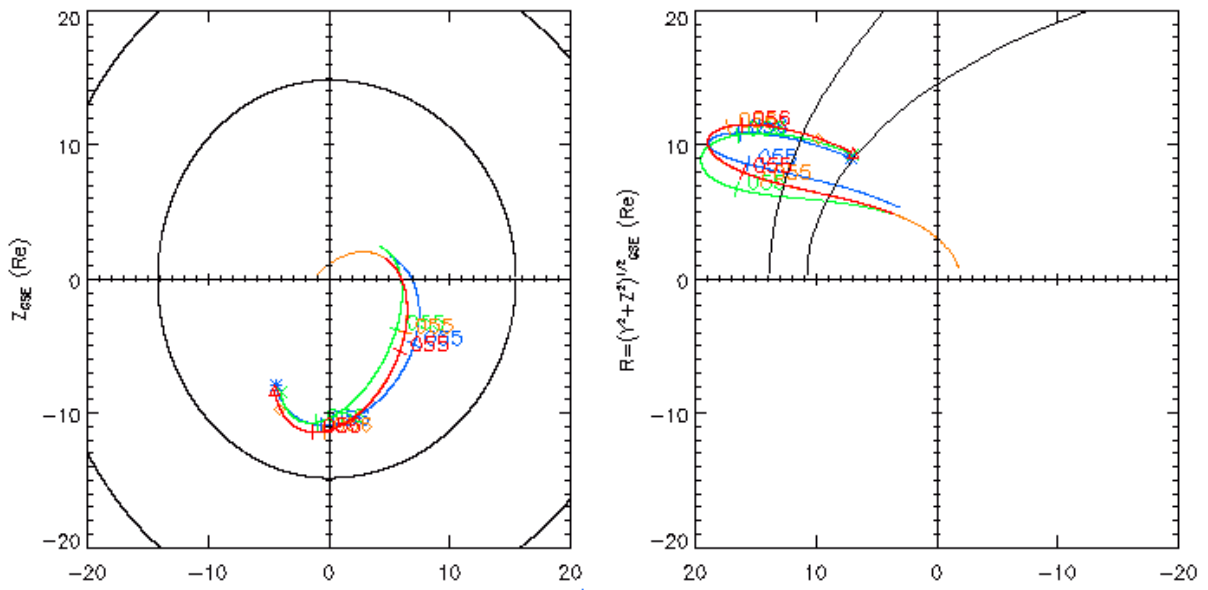
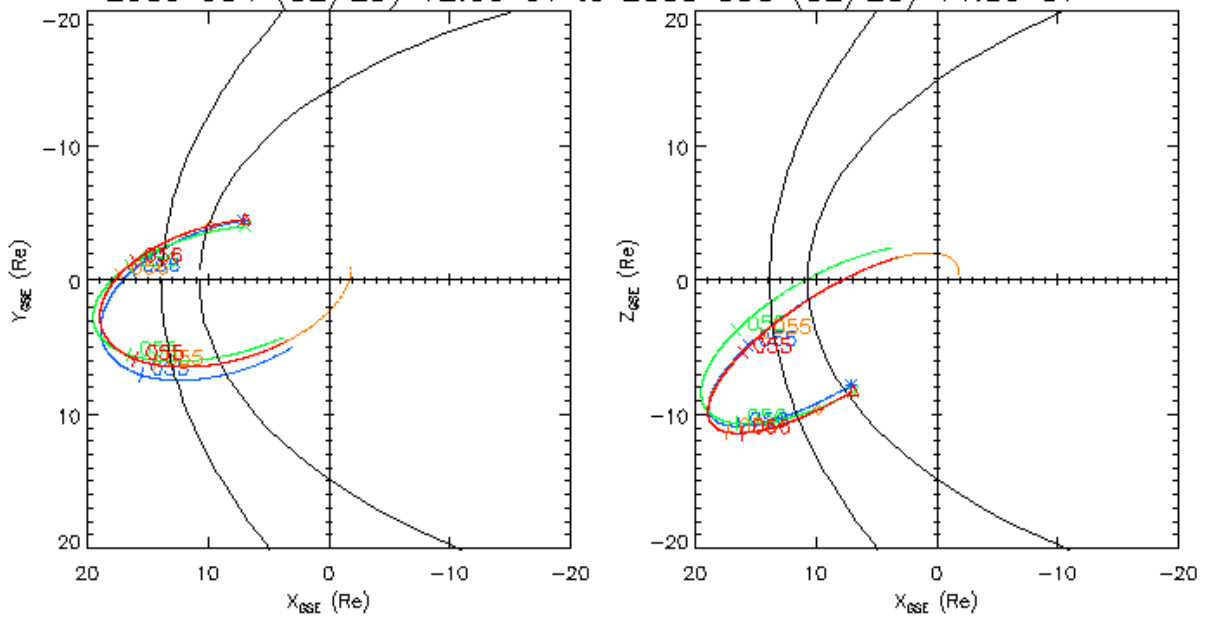
Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

2009 052 (02/21) 03:00 UT to 2009 054 (02/23) 02:59 UT



S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 054 (02/23) 12:00 UT to 2009 056 (02/25) 11:59 UT

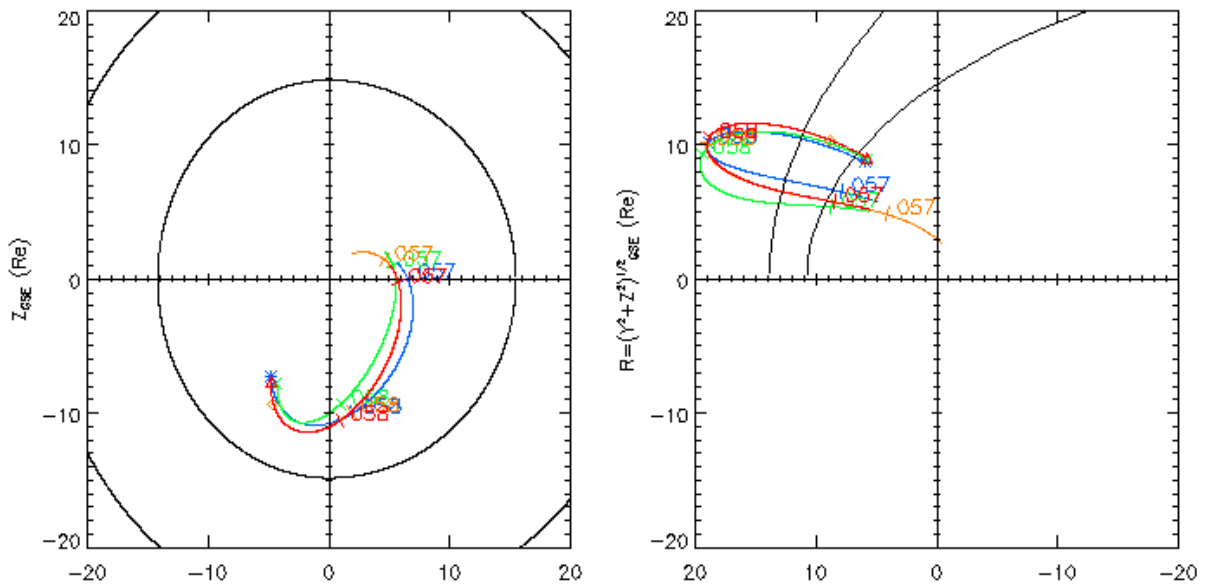
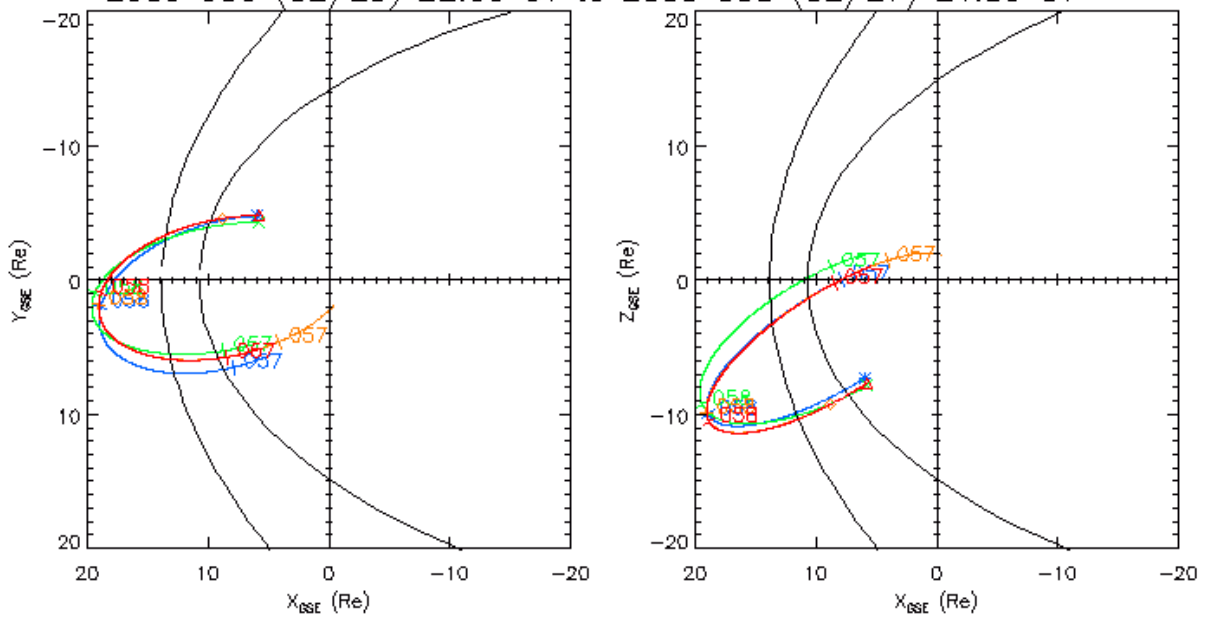


S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\blacktriangle$   
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Wed Dec 3 11:06:27 2014

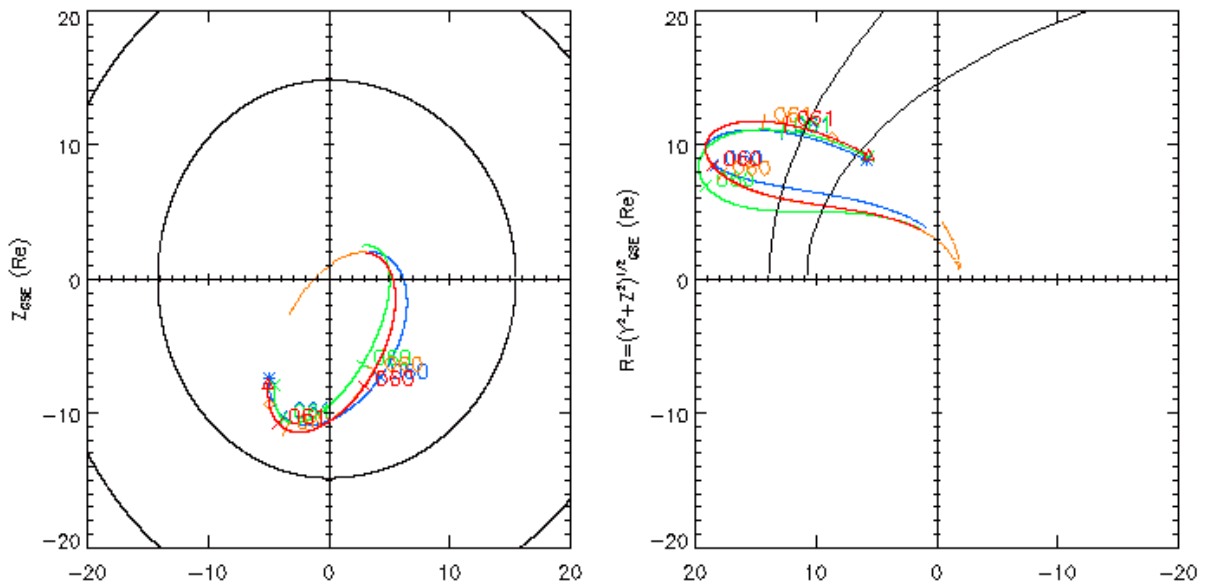
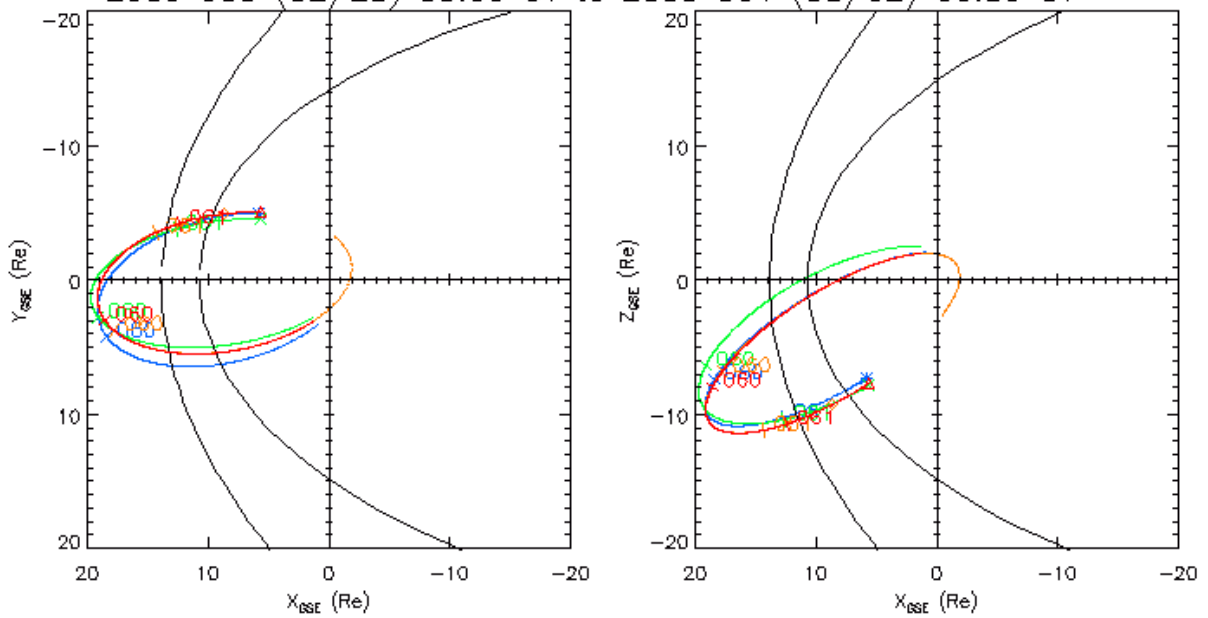
Solar Wind Pressure=2.1nP IMF BZ=0.0nT

2009 056 (02/25) 22:00 UT to 2009 058 (02/27) 21:59 UT



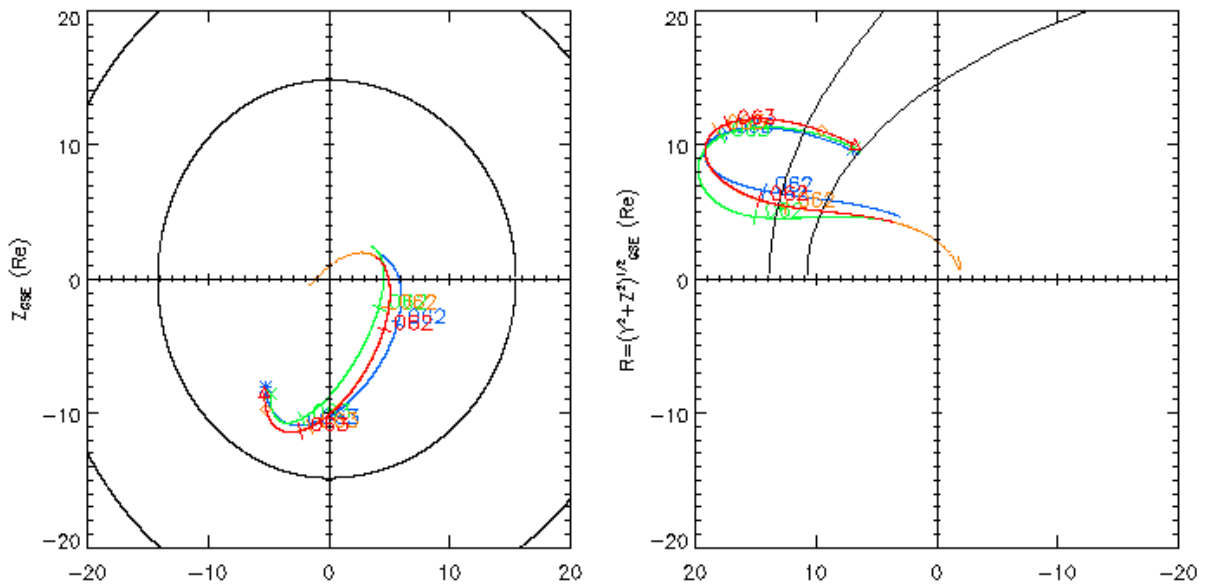
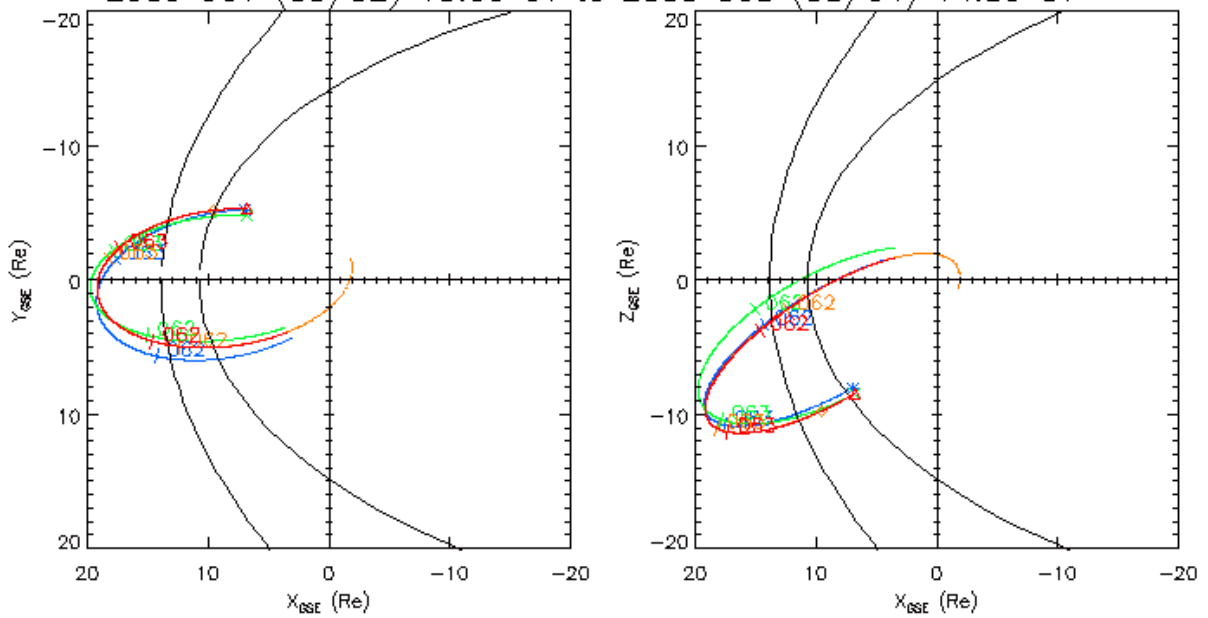
S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 059 (02/28) 05:00 UT to 2009 061 (03/02) 06:59 UT



S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\blacktriangle$   
 S/C in Solar Wind \_\_\_\_\_

2009 061 (03/02) 15:00 UT to 2009 063 (03/04) 14:59 UT

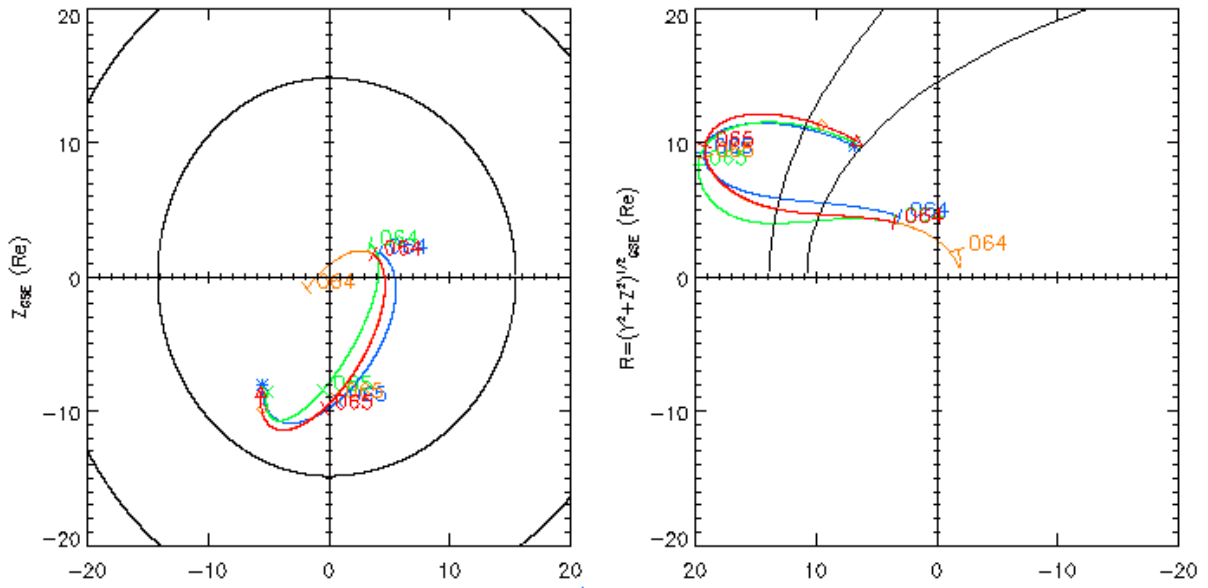
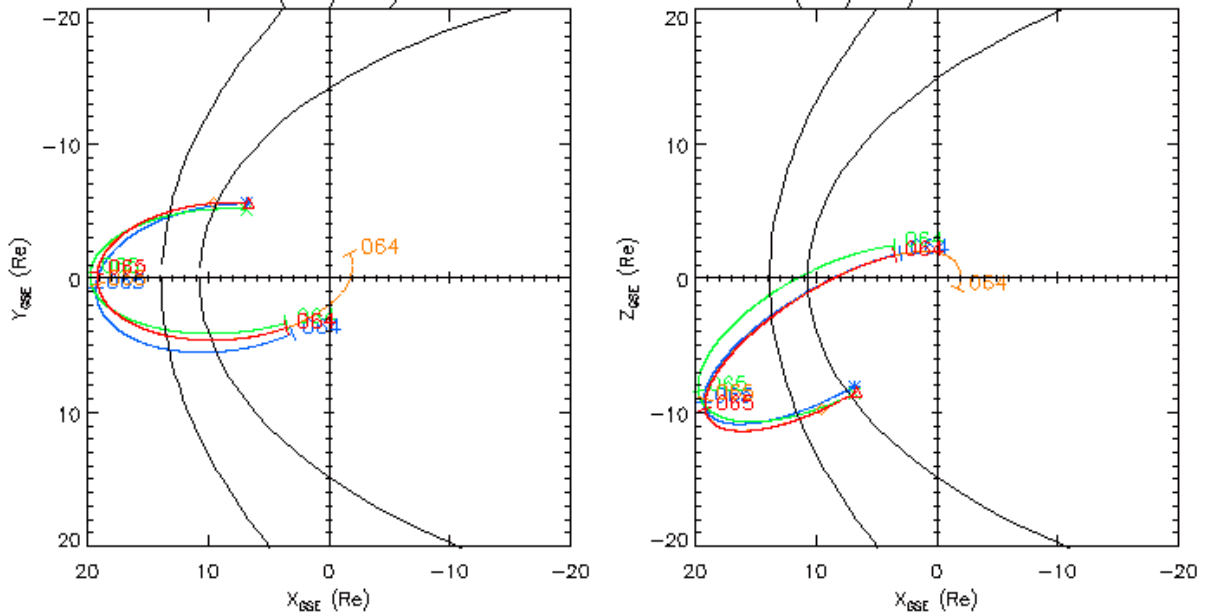


S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 05:49:18 2014

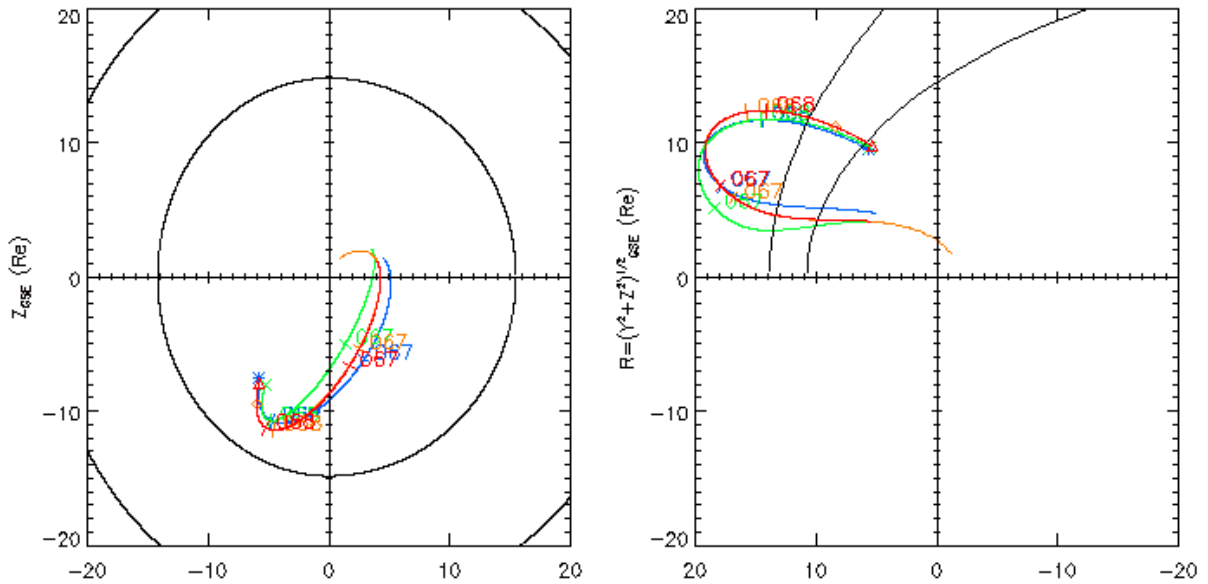
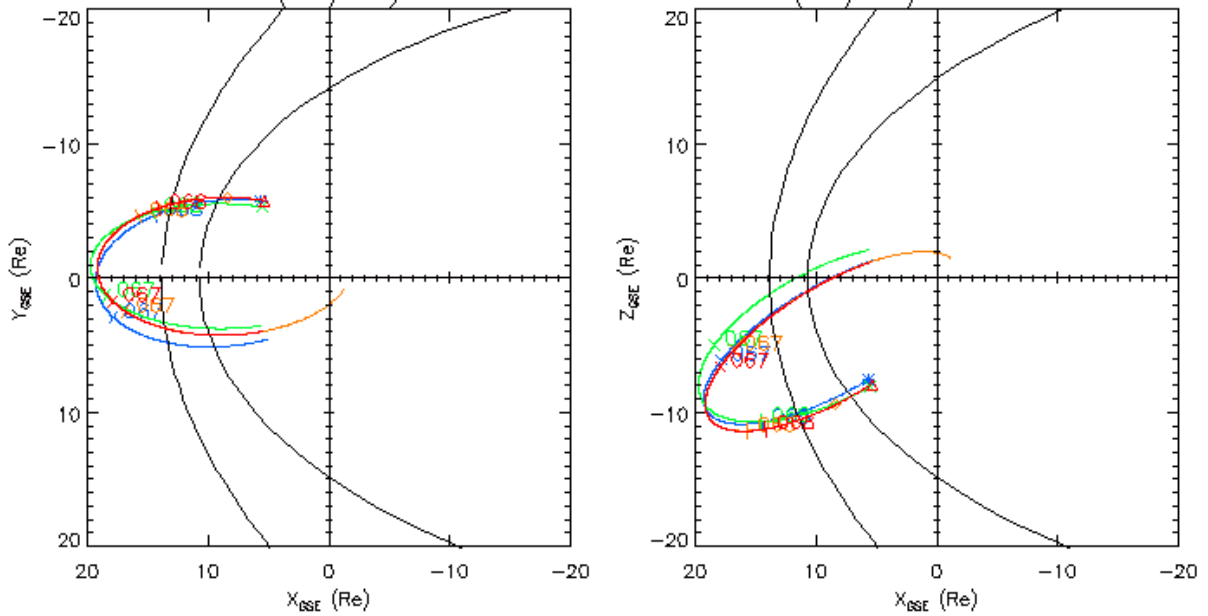
Solar Wind Pressure=2.1nP IMF BZ=0.0nT

2009 064 (03/05) 00:00 UT to 2009 065 (03/06) 23:59 UT



S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

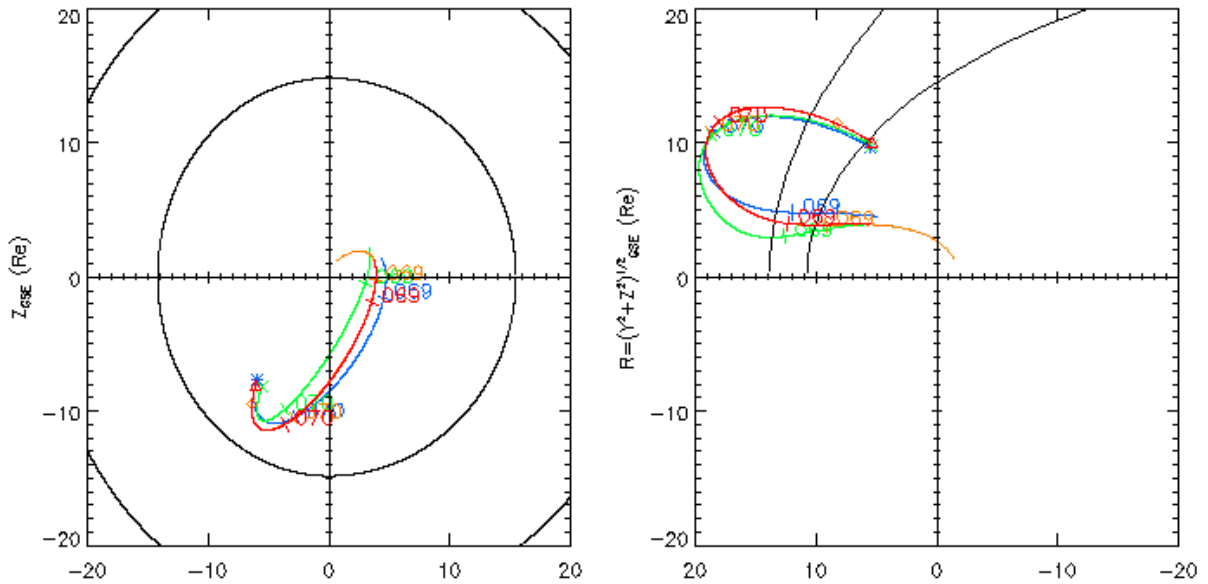
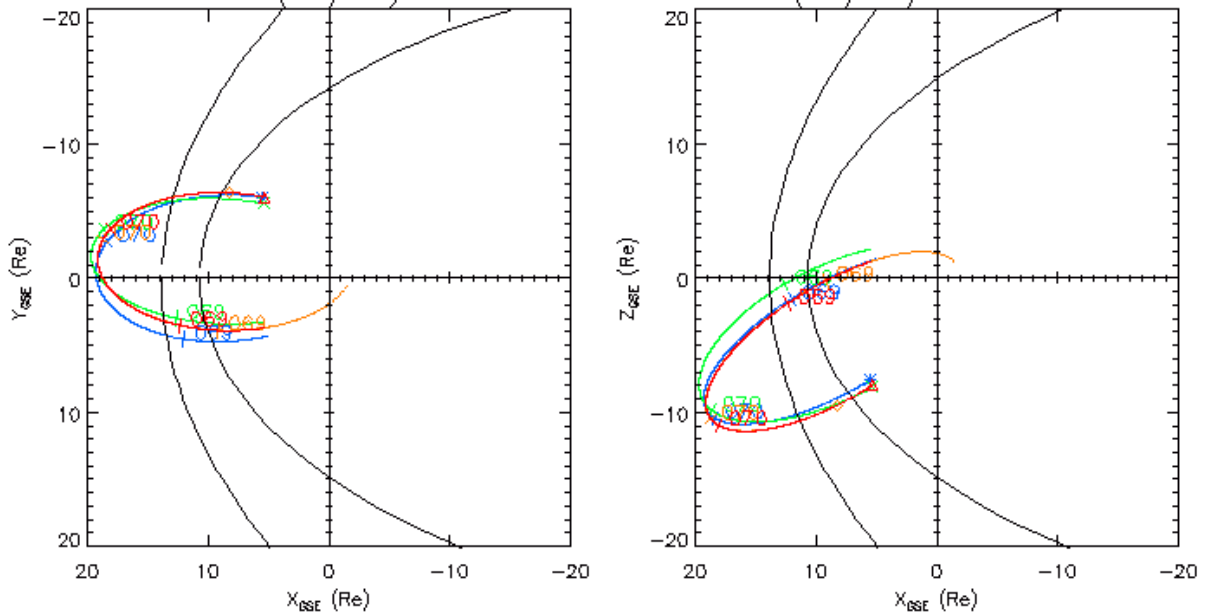
2009 066 (03/07) 10:00 UT to 2009 068 (03/09) 09:59 UT



S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

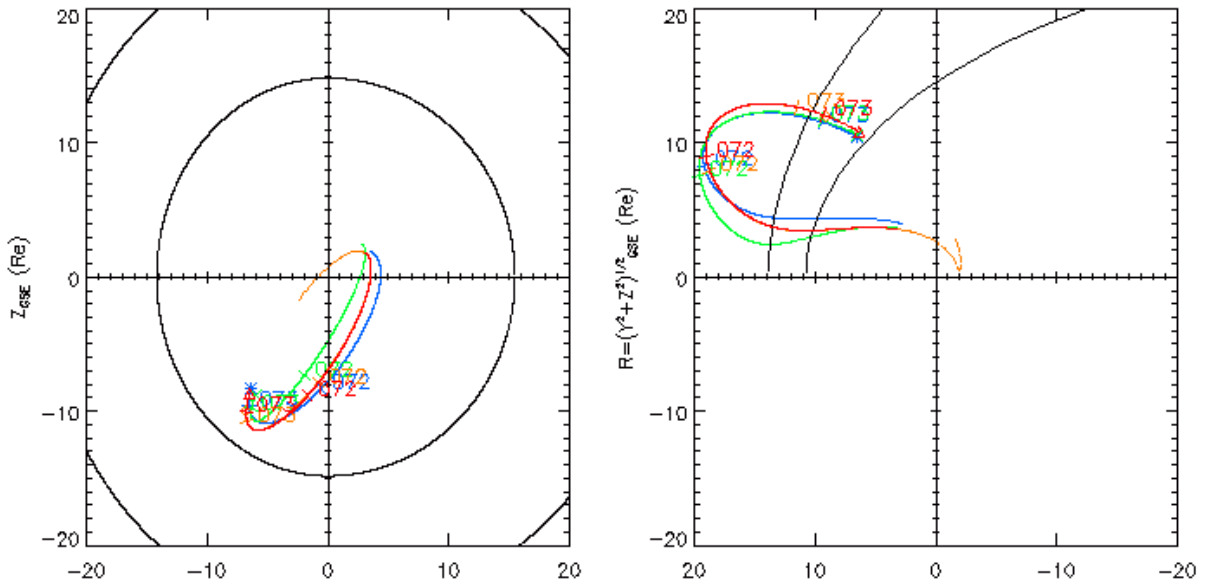
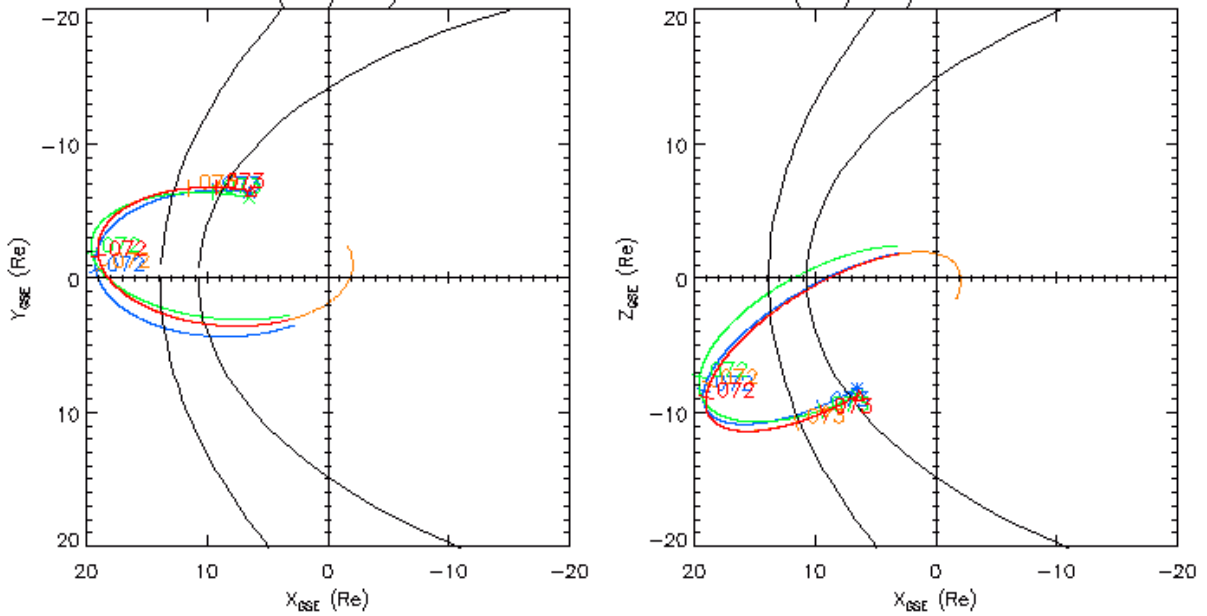


2009 068 (03/09) 19:00 UT to 2009 070 (03/11) 18:59 UT



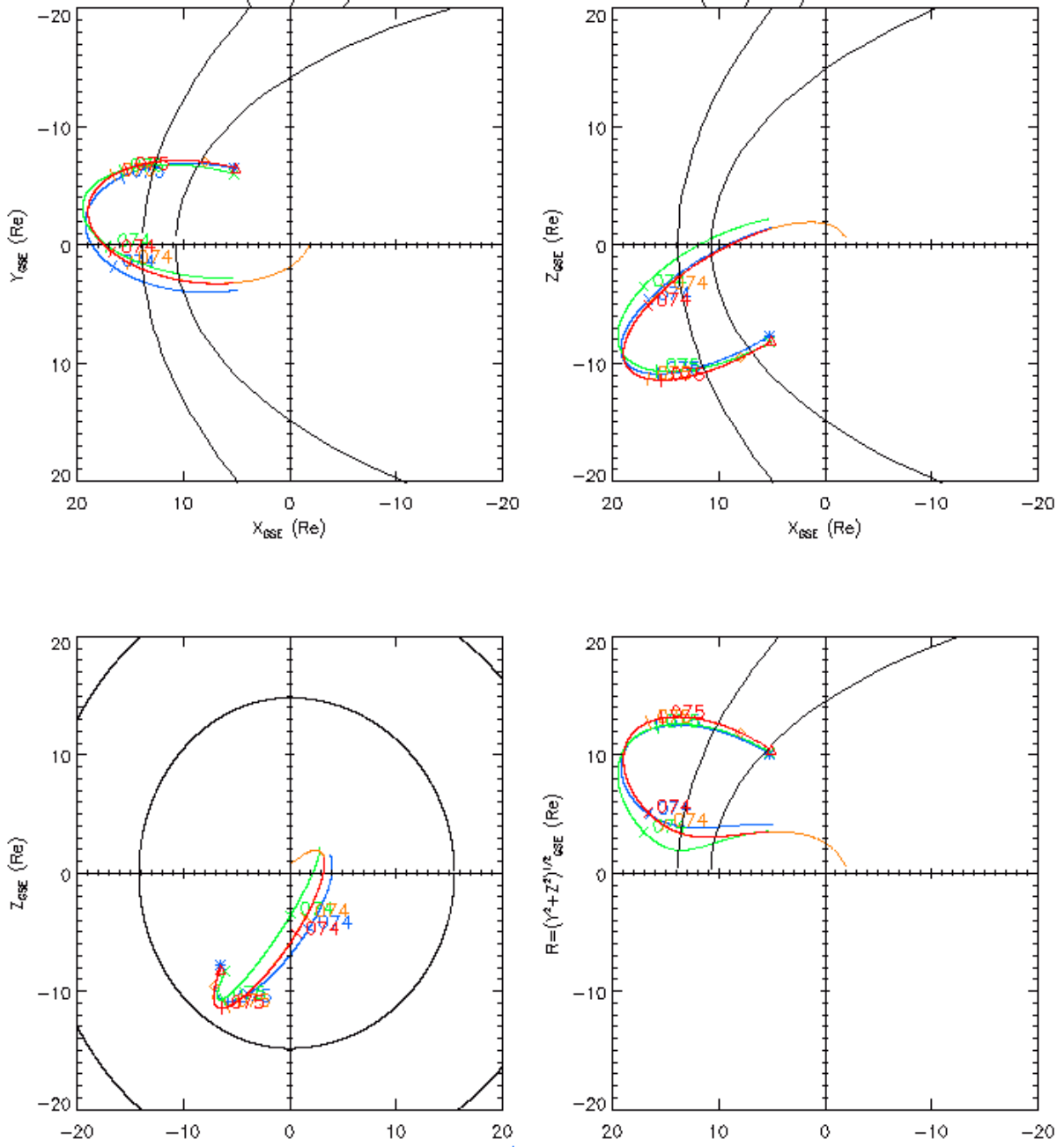
S/C in Magnetosphere . . . Y\_GSE (Re) symbols mark s/c at end of time range X\_GSE (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 071 (03/12) 03:00 UT to 2009 073 (03/14) 02:59 UT



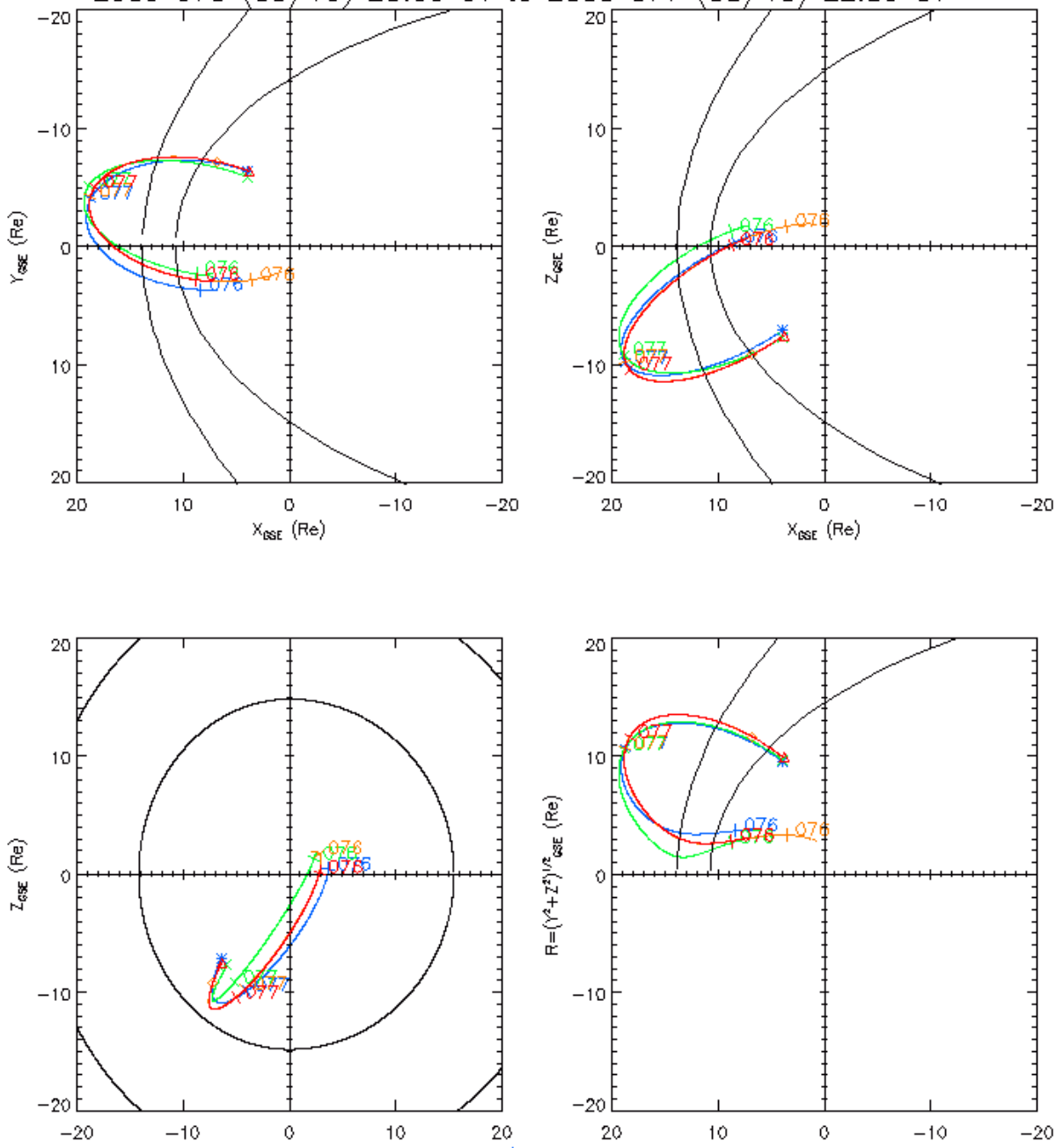
S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 073 (03/14) 13:00 UT to 2009 075 (03/16) 12:59 UT



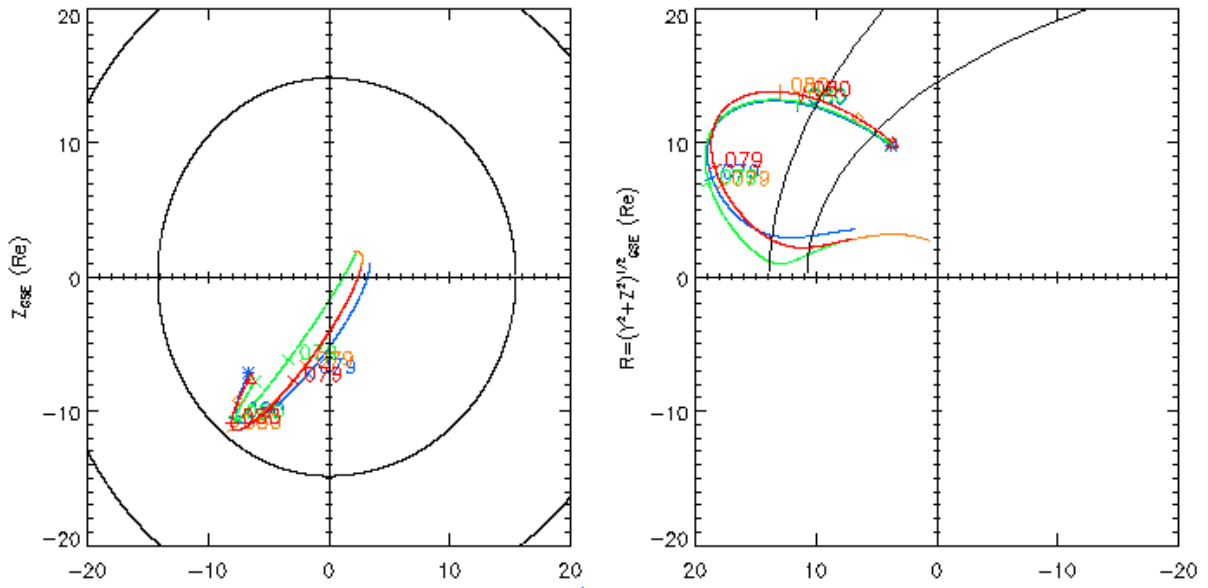
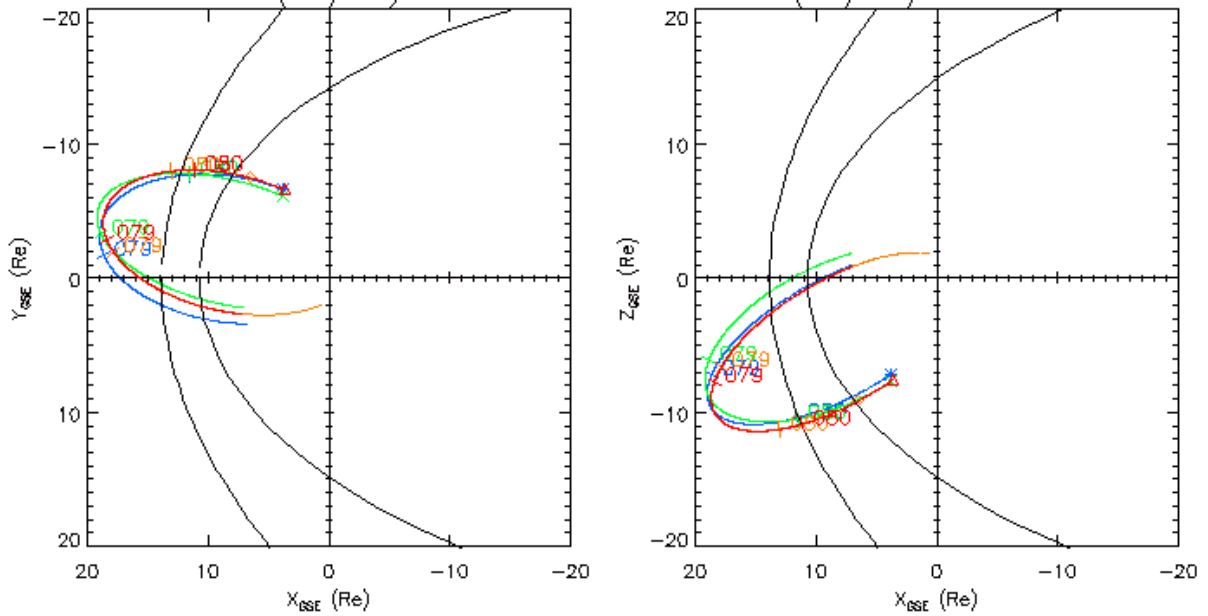
S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 075 (03/16) 23:00 UT to 2009 077 (03/18) 22:59 UT



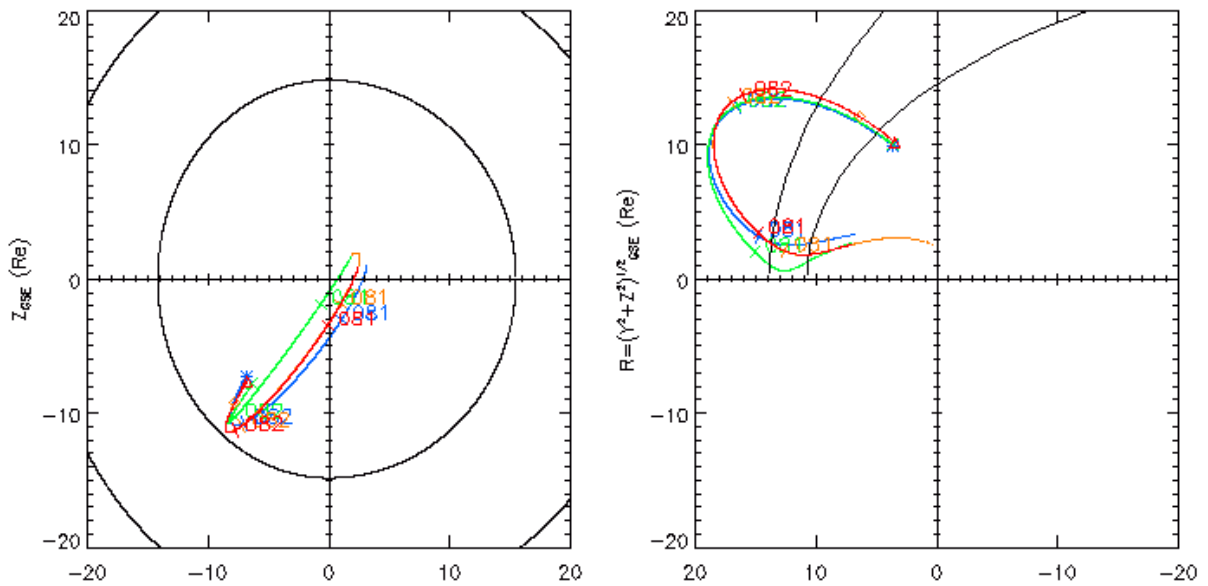
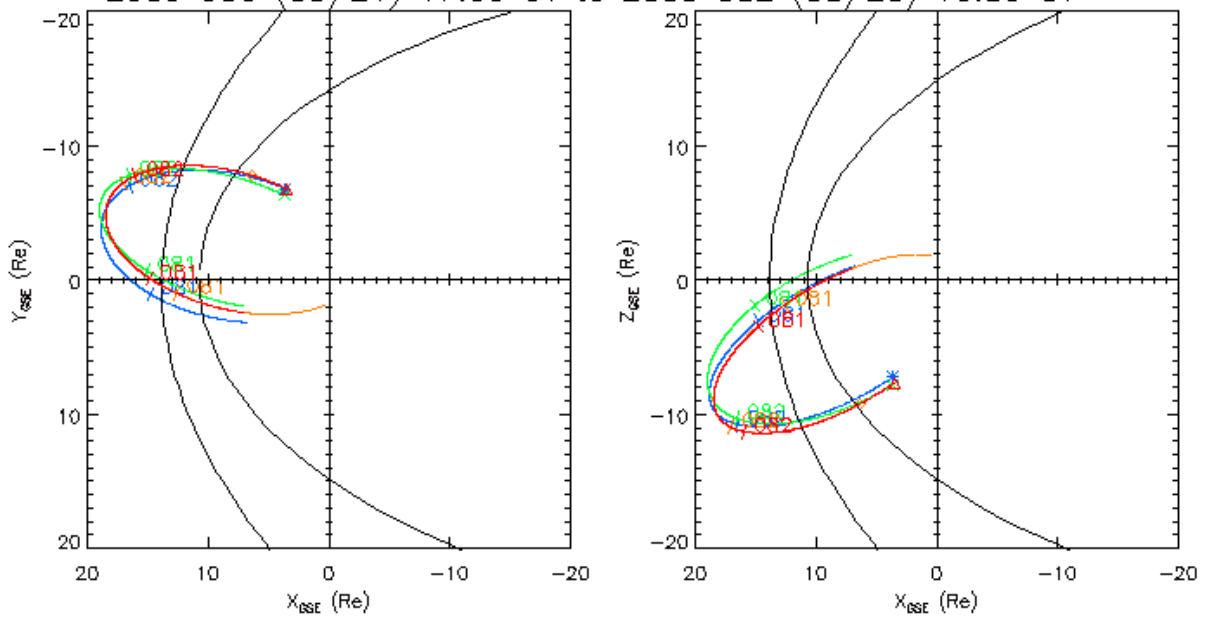
S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 078 (03/19) 08:00 UT to 2009 080 (03/21) 07:59 UT



S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\triangle$   
 S/C in Solar Wind \_\_\_\_\_

2009 080 (03/21) 17:00 UT to 2009 082 (03/23) 16:59 UT

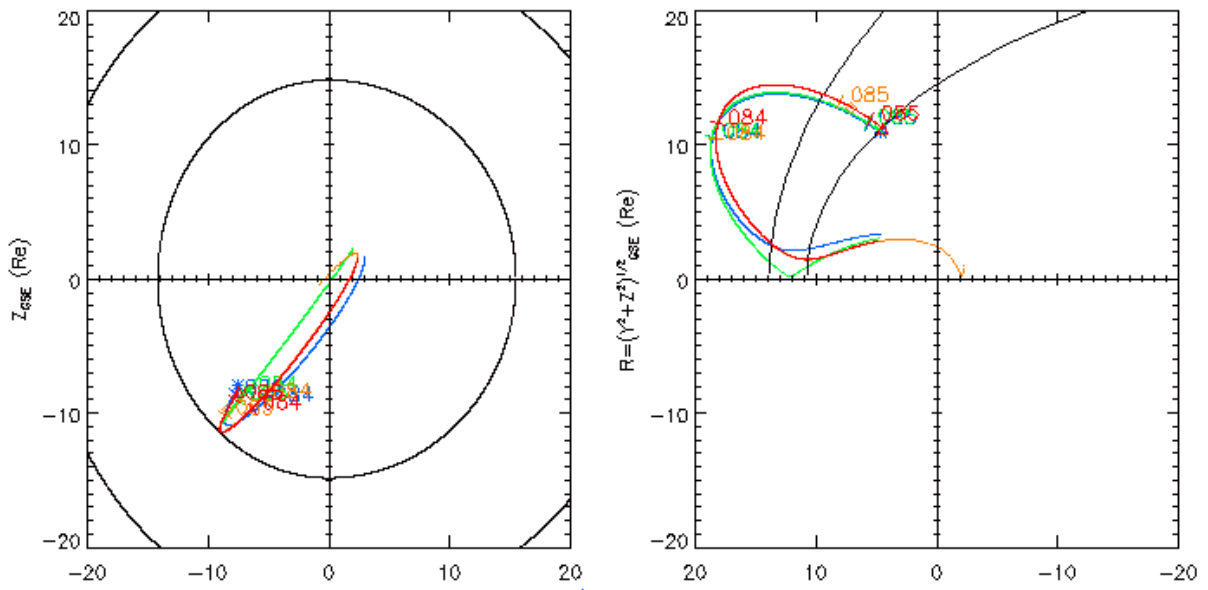
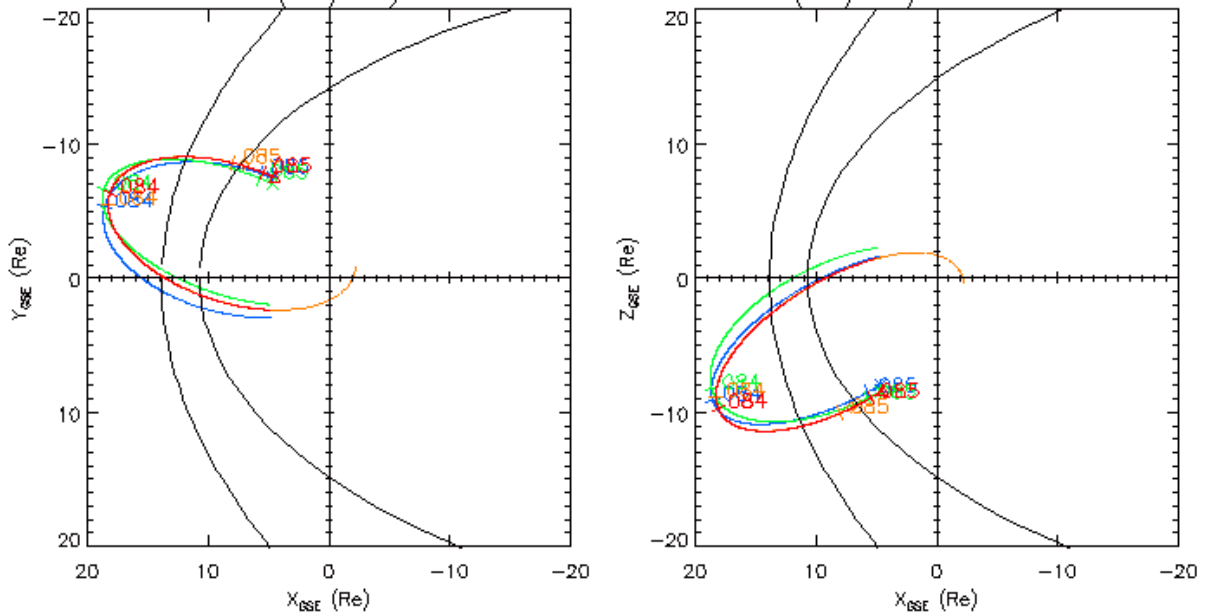


S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 07:55:29 2014

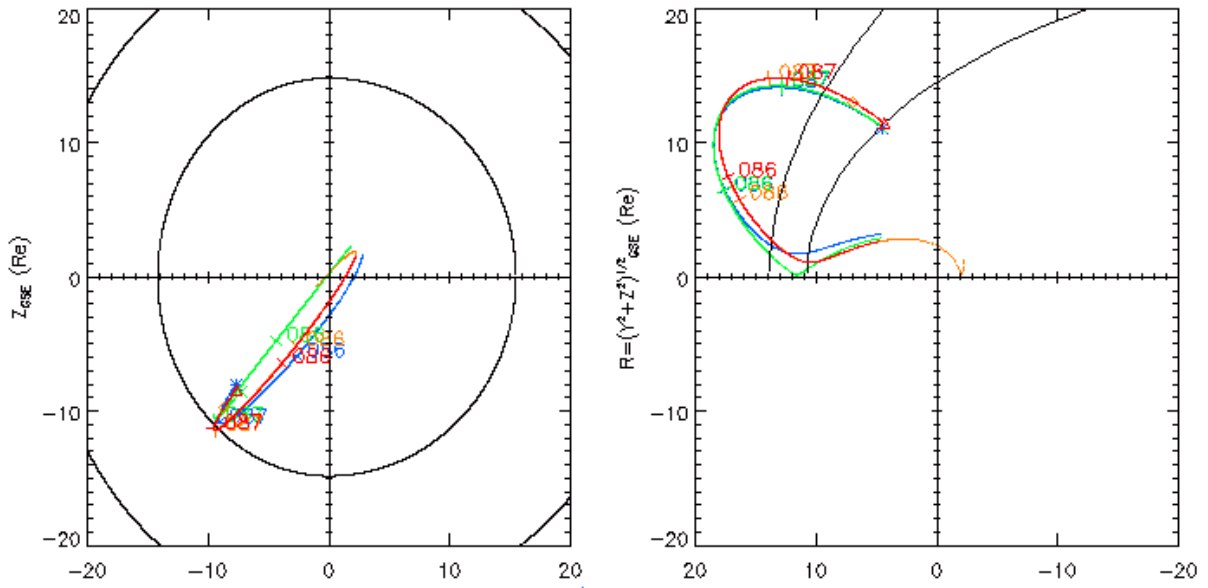
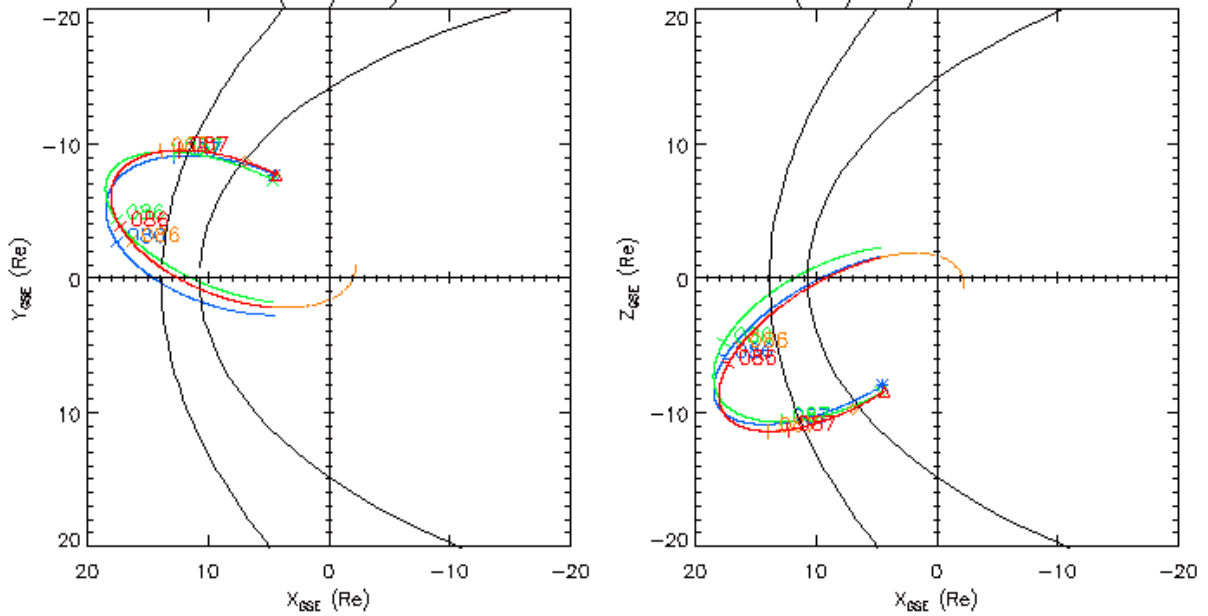
Solar Wind Pressure=2.1nP IMF BZ=0.0nT

2009 083 (03/24) 01:00 UT to 2009 085 (03/26) 00:59 UT



S/C in Magnetosphere . . . Y\_GSE (Re) symbols mark s/c at end of time range X\_GSE (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

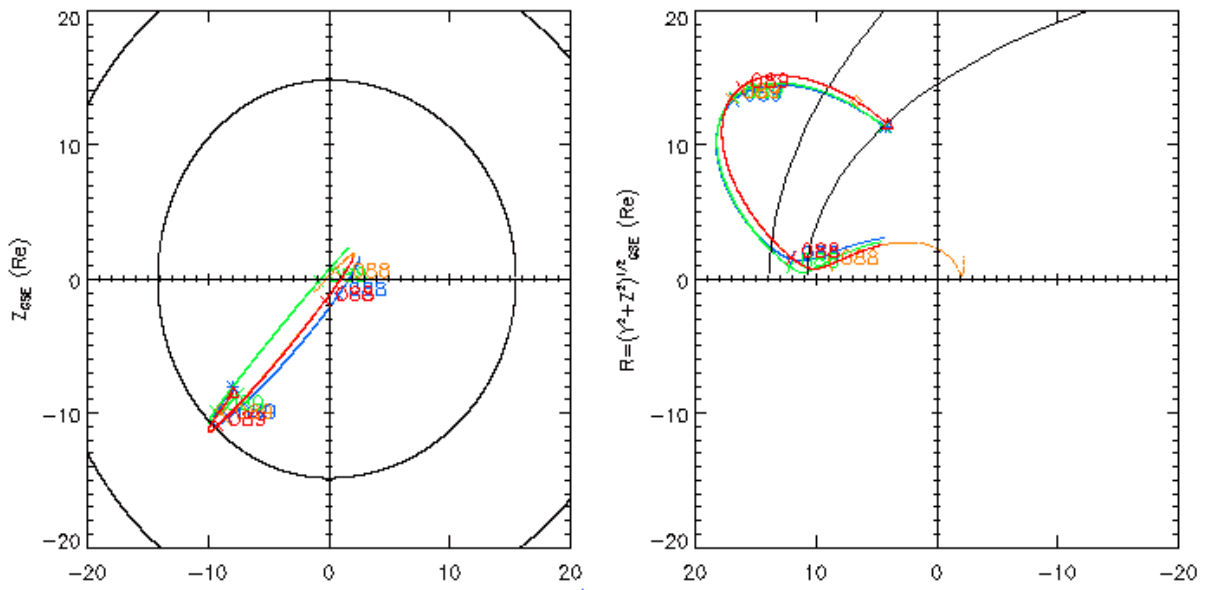
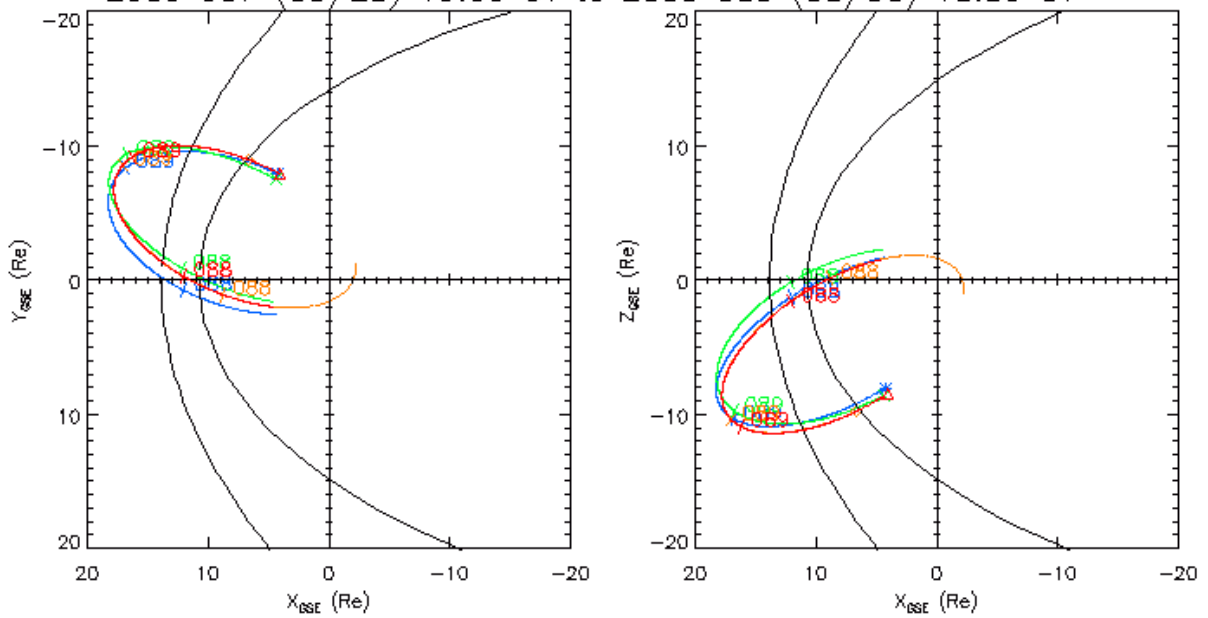
2009 085 (03/26) 10:00 UT to 2009 087 (03/28) 09:59 UT



S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_



2009 087 (03/28) 19:00 UT to 2009 089 (03/30) 18:59 UT

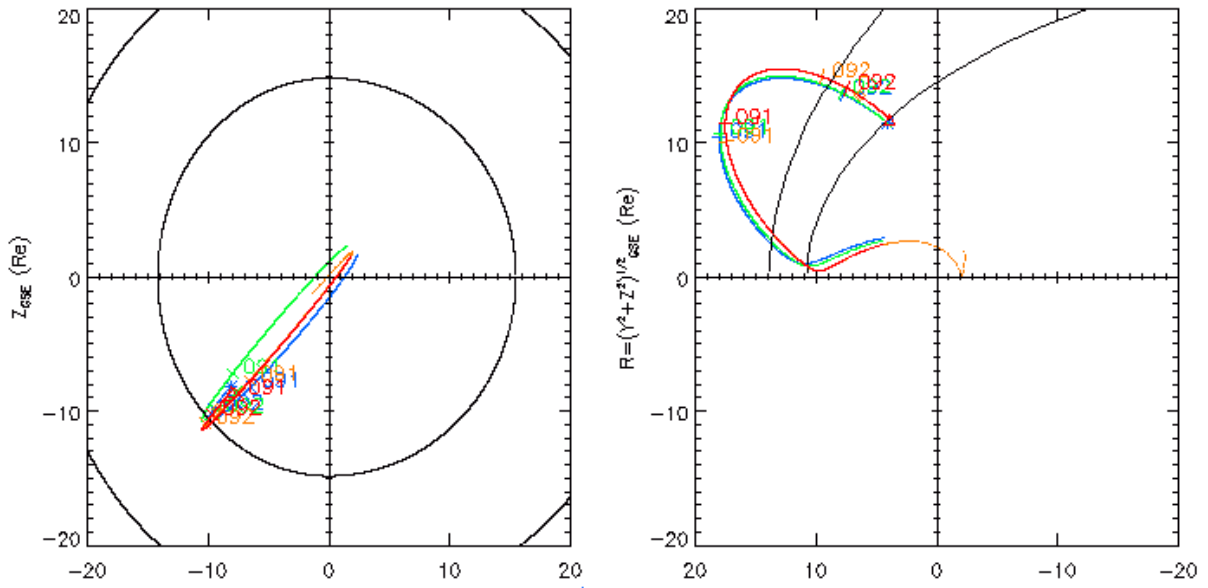
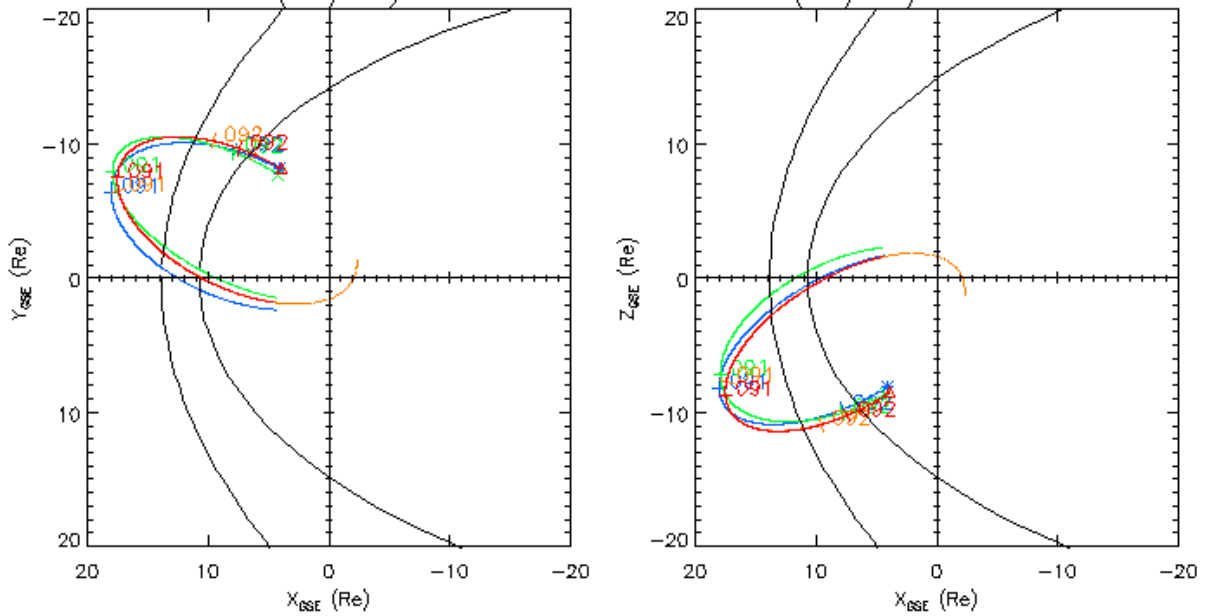


S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 09:59:03 2014

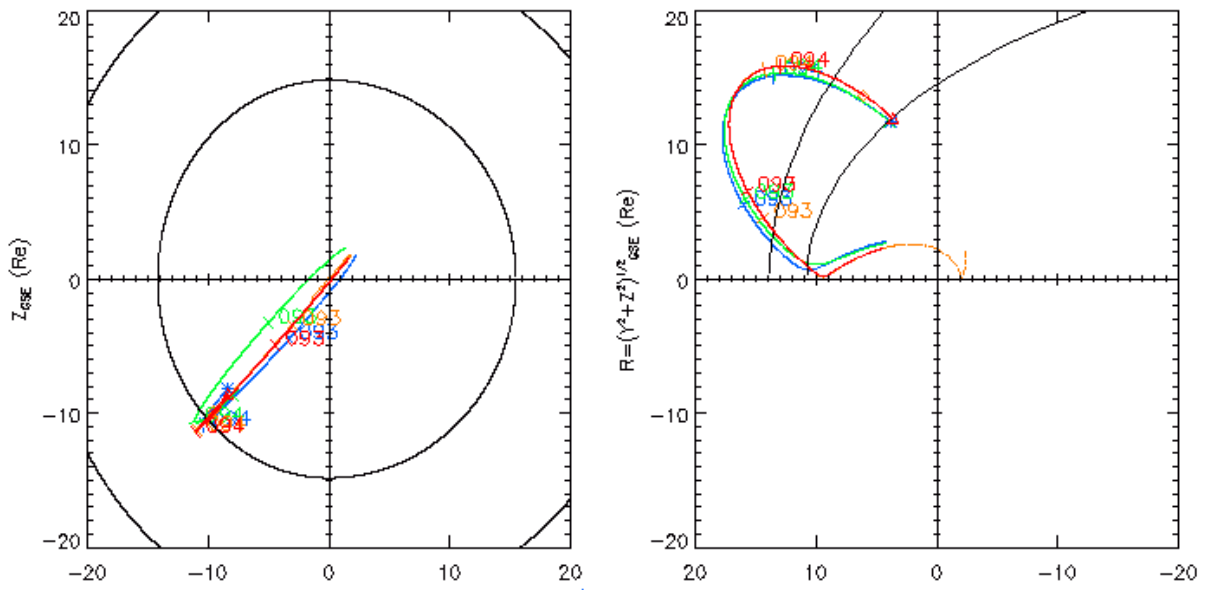
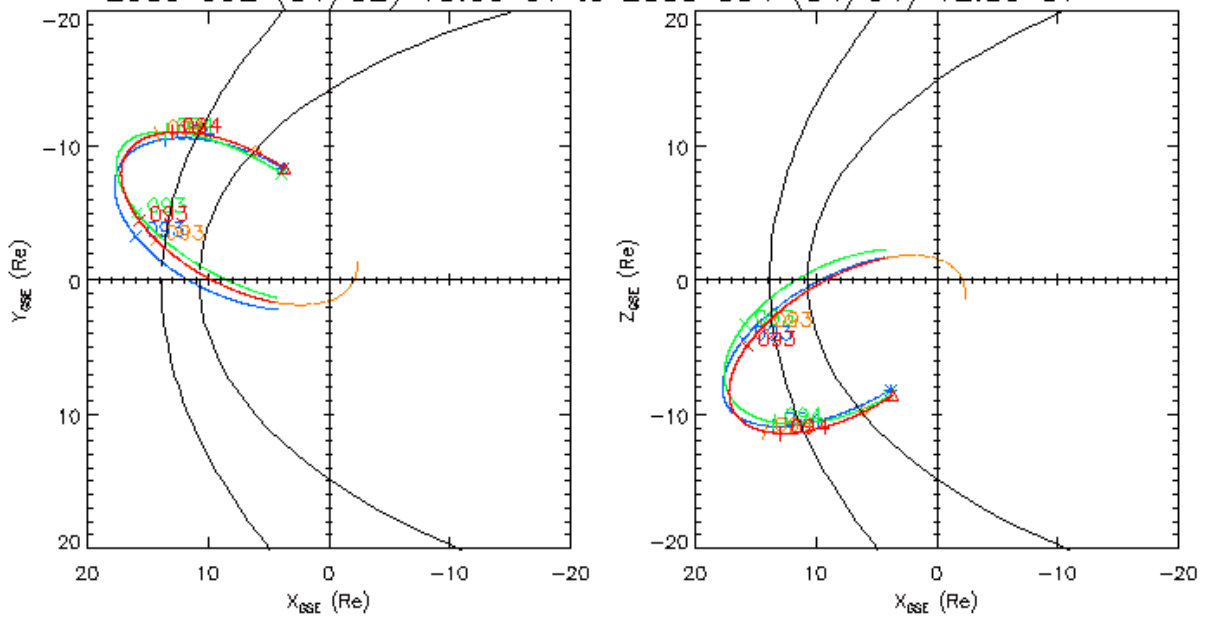
Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

2009 090 (03/31) 04:00 UT to 2009 092 (04/02) 03:59 UT



S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 092 (04/02) 13:00 UT to 2009 094 (04/04) 12:59 UT

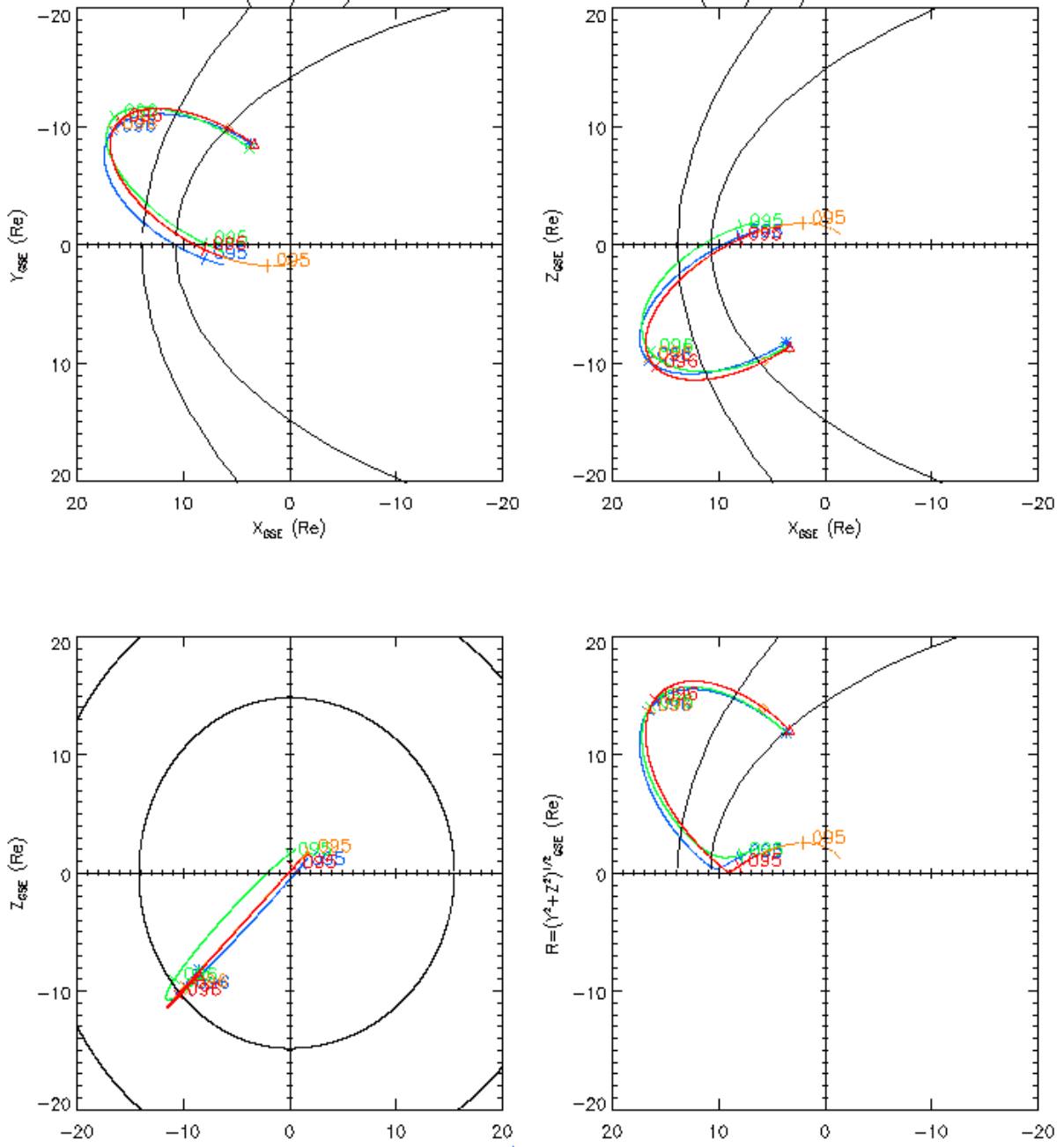


S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 10:05:04 2014

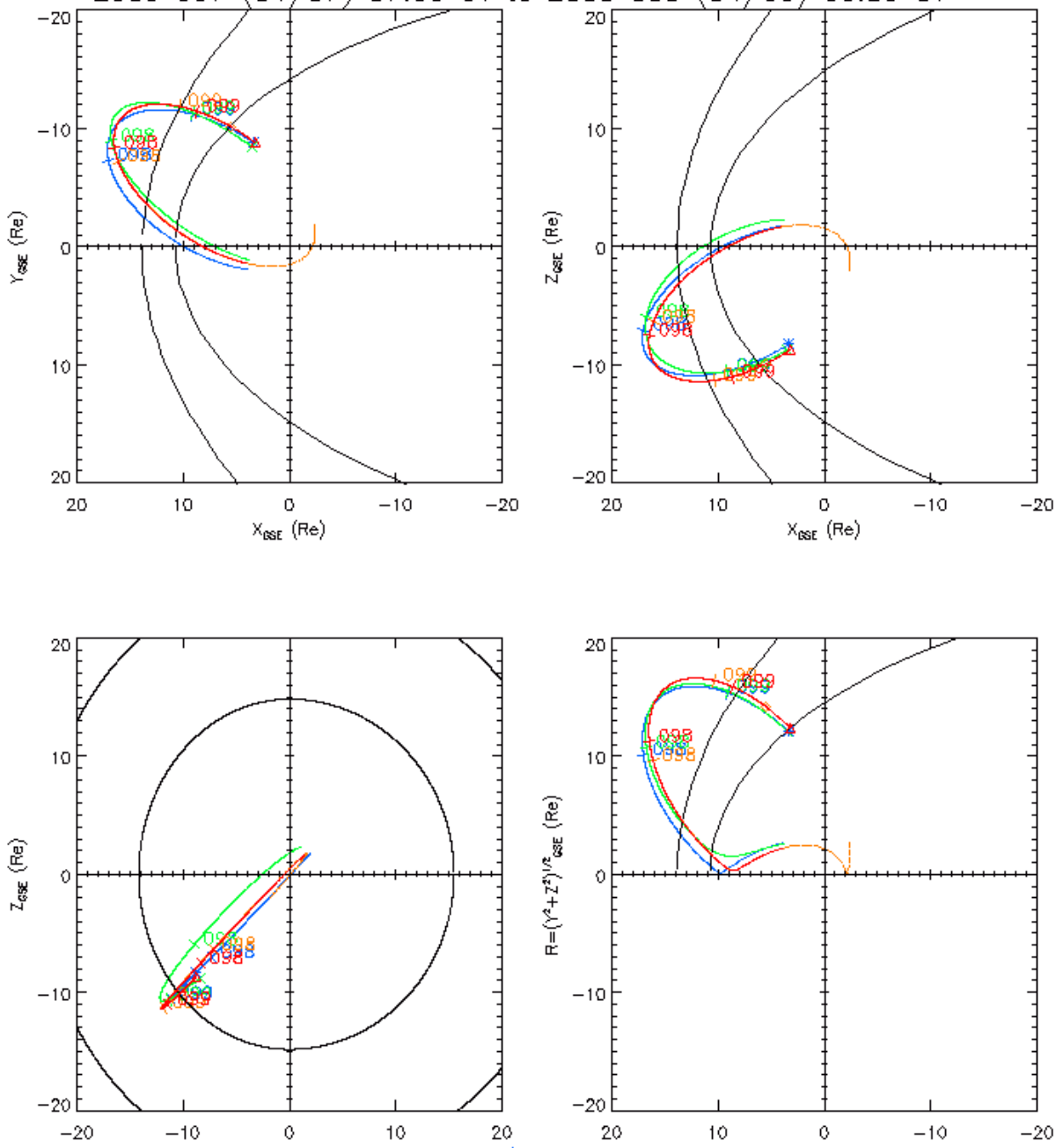
Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

2009 094 (04/04) 23:00 UT to 2009 096 (04/06) 21:59 UT



S/C in Magnetosphere . . . symbols mark s/c at end of time range  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 097 (04/07) 07:00 UT to 2009 099 (04/09) 06:59 UT

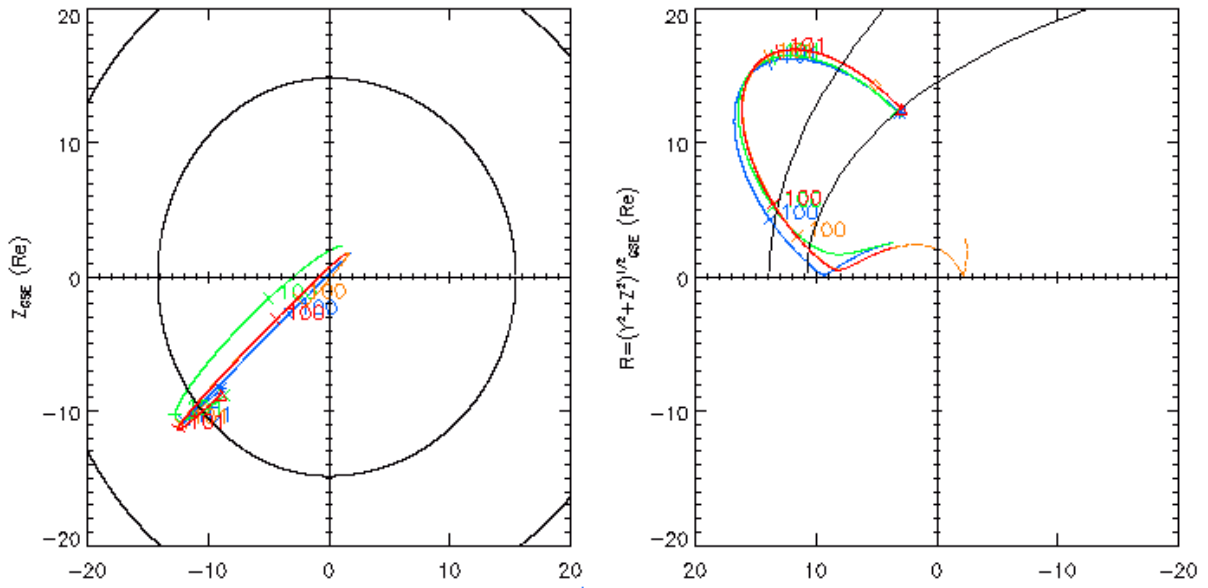
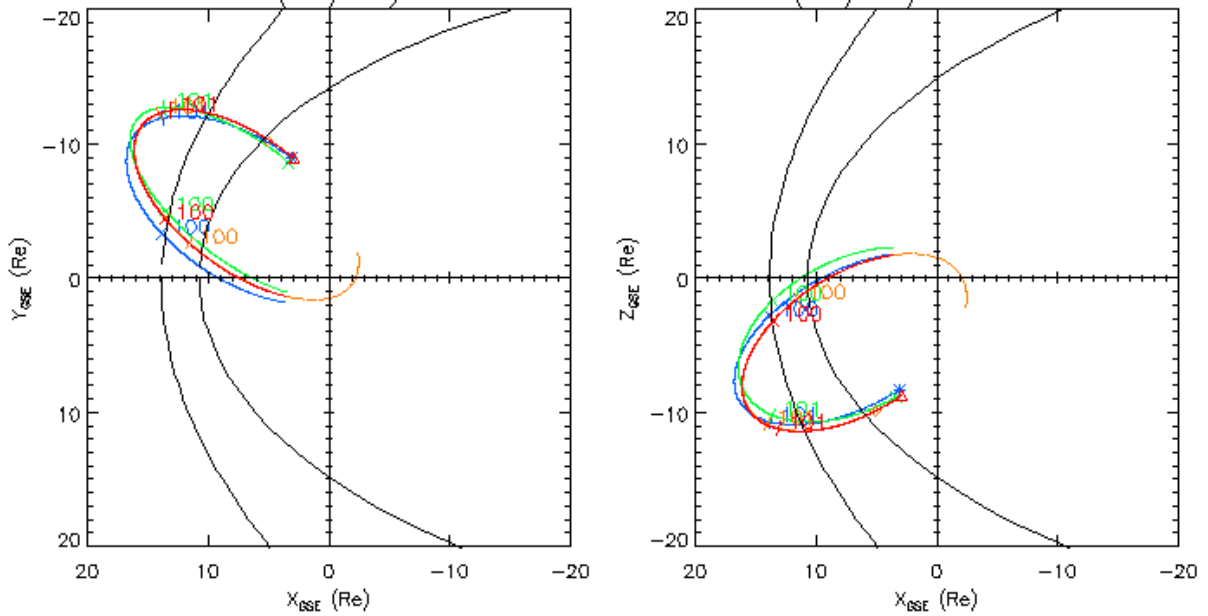


S/C in Magnetosphere . . . Y\_GSE (Re) symbols mark s/c at end of time range X\_GSE (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 10:09:14 2014

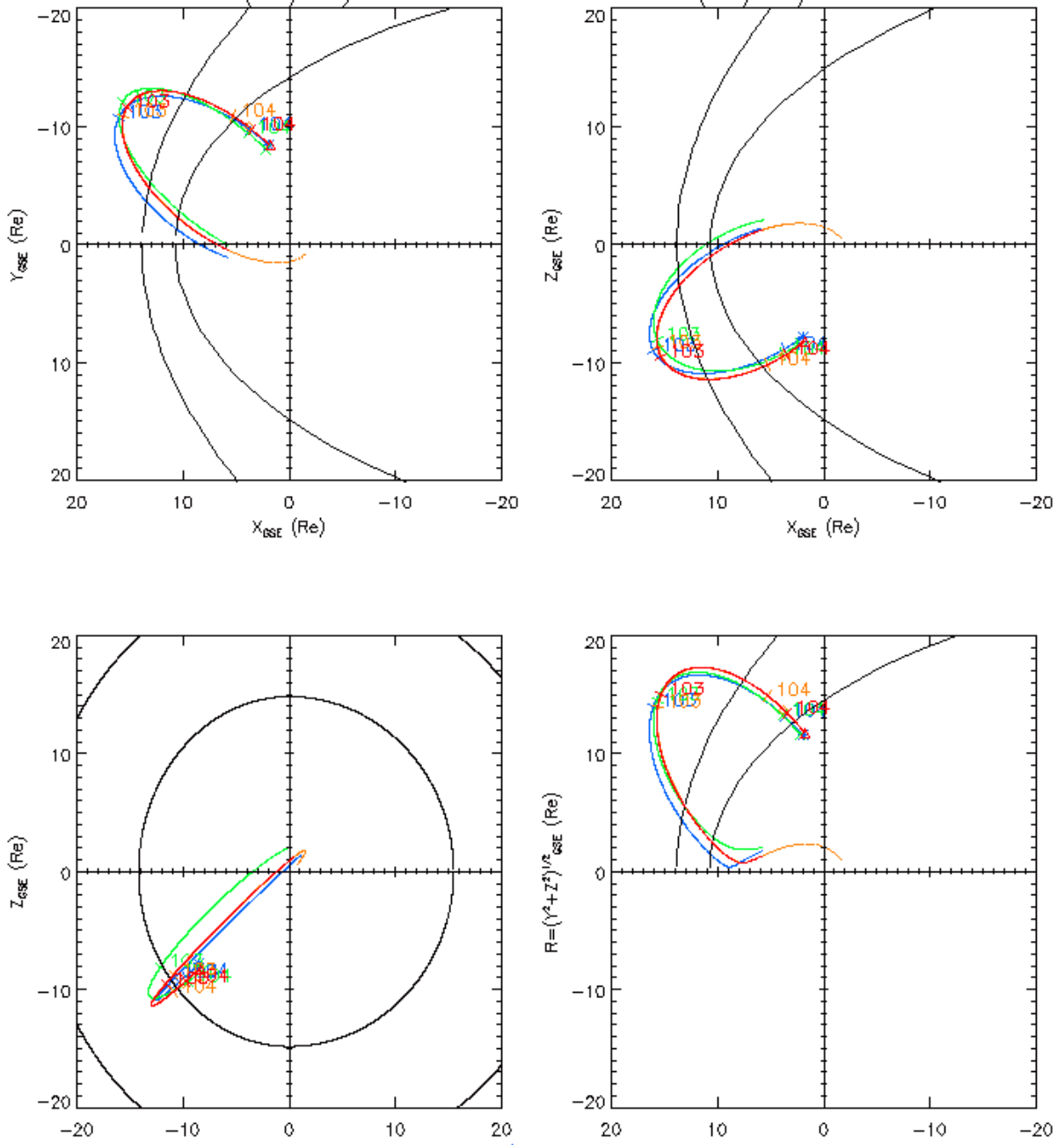
Solar Wind Pressure=2.1nP IMF BZ=0.0nT

2009 099 (04/09) 16:00 UT to 2009 101 (04/11) 15:59 UT



S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 102 (04/12) 02:00 UT to 2009 104 (04/14) 01:59 UT

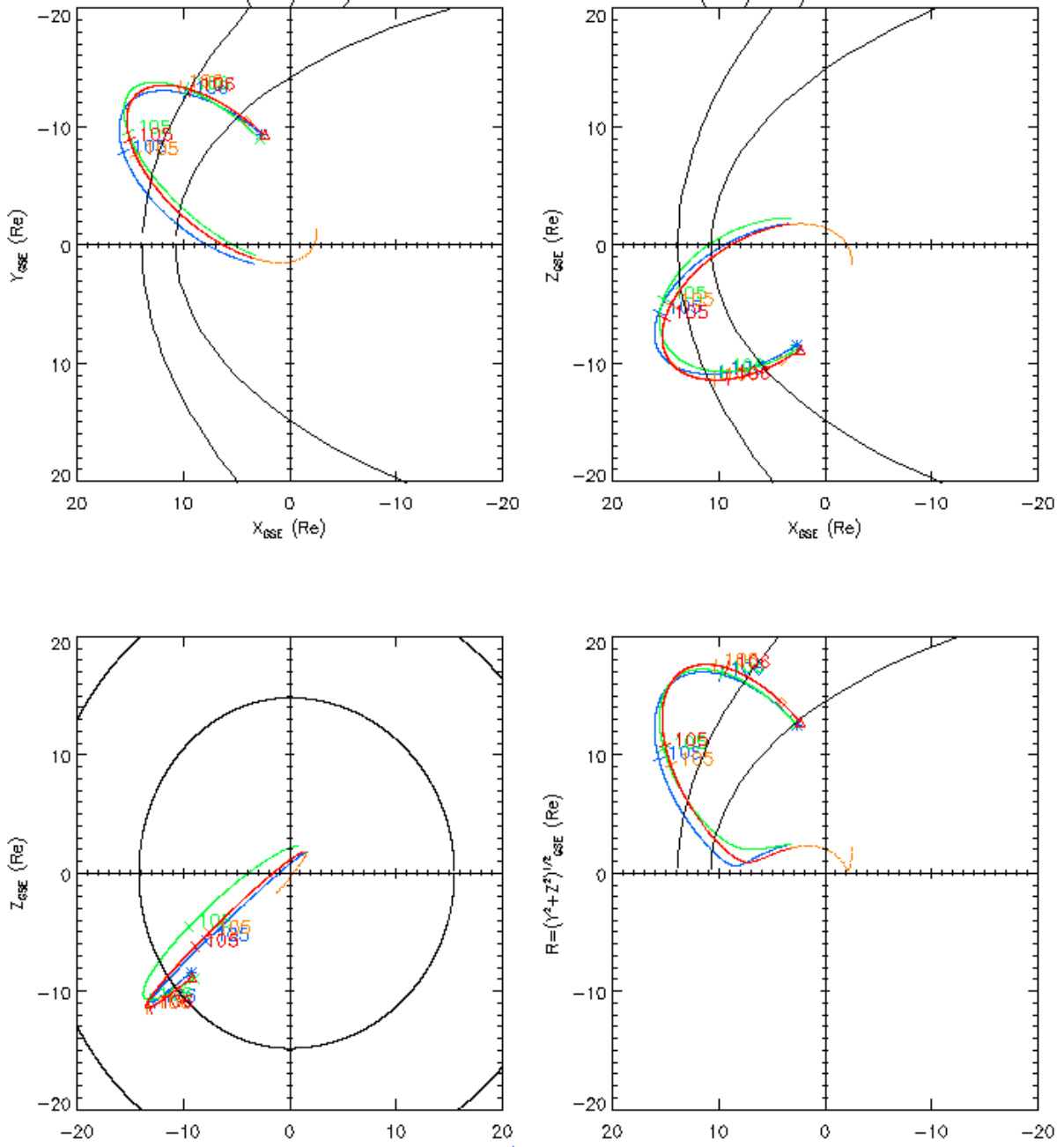


S/C in Magnetosphere . . . Y<sub>GSE</sub> (Re) symbols mark s/c at end of time range X<sub>GSE</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 △  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 10:41:27 2014

Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

2009 104 (04/14) 10:00 UT to 2009 106 (04/16) 09:59 UT



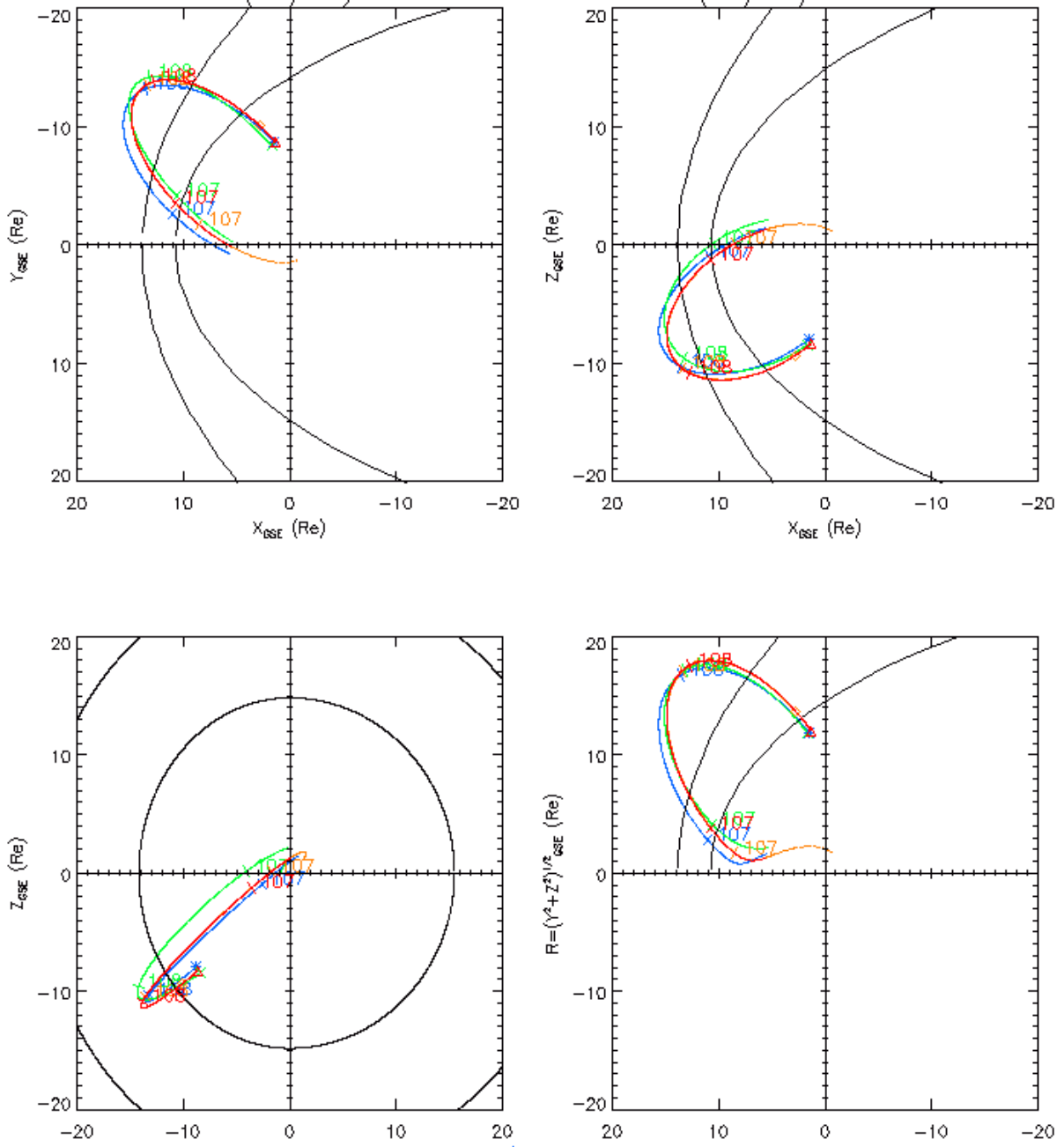
S/C in Magnetosphere . . . Y<sub>GSF</sub> (Re) symbols mark s/c at end of time range X<sub>GSF</sub> (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

Generated by SSCweb on: Thu Dec 4 10:42:40 2014

Solar Wind Pressure=2.1nPa IMF BZ=0.0nT

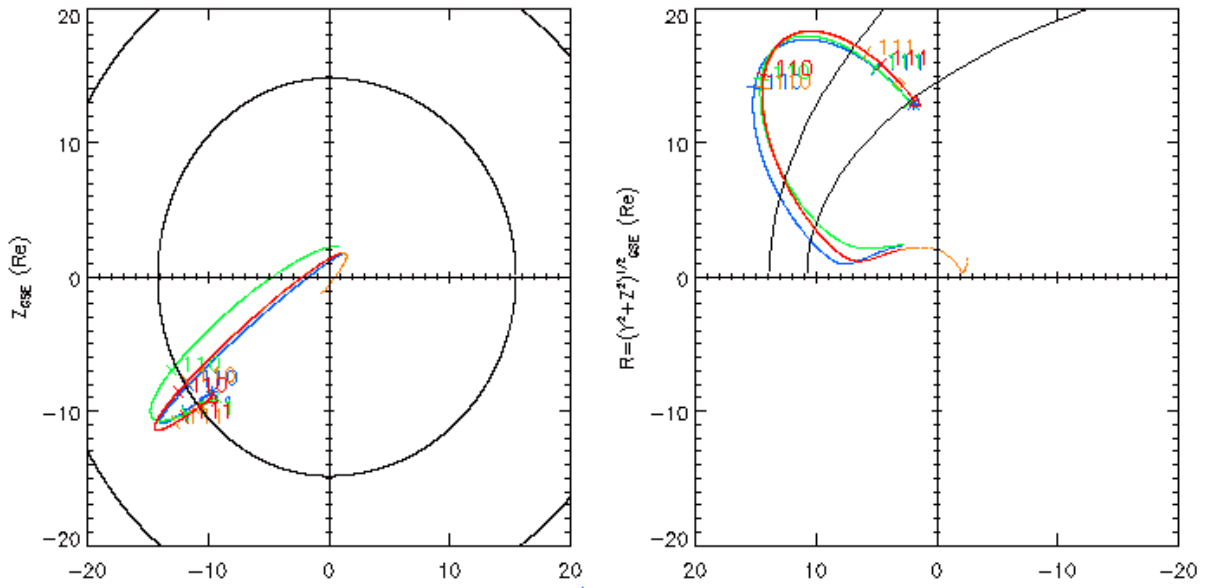
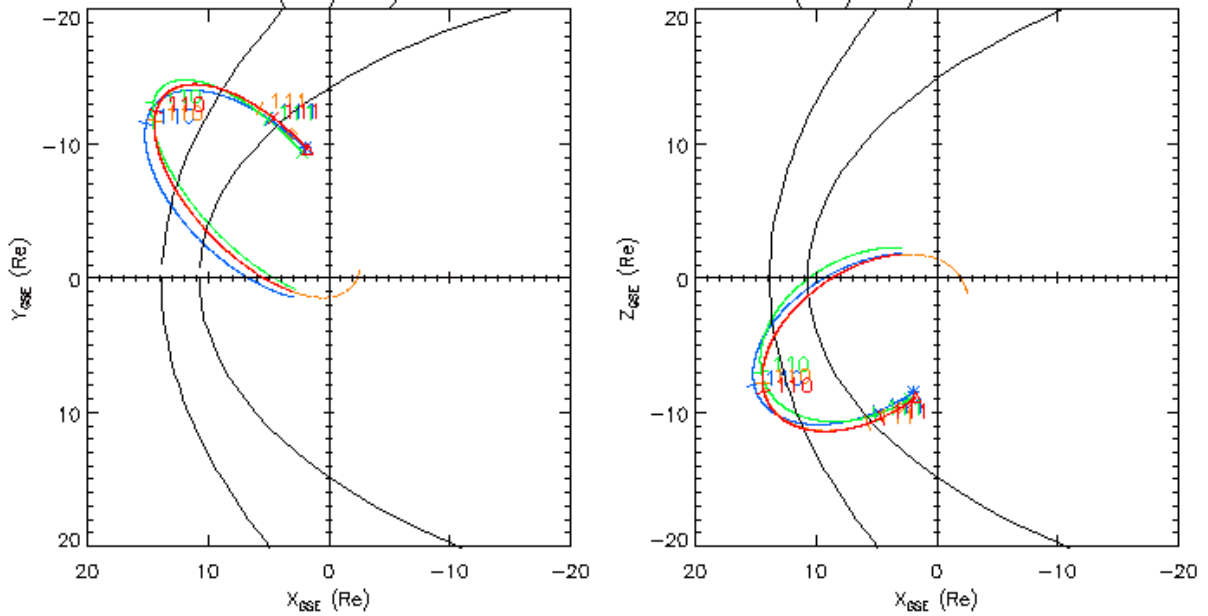


2009 106 (04/16) 20:00 UT to 2009 108 (04/18) 19:59 UT



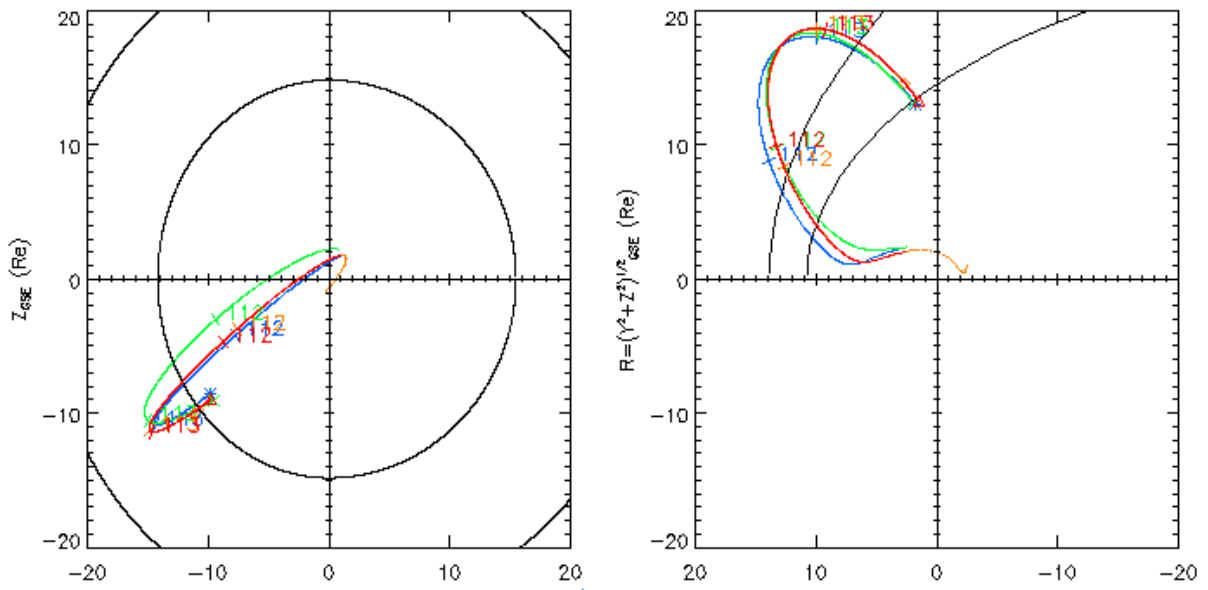
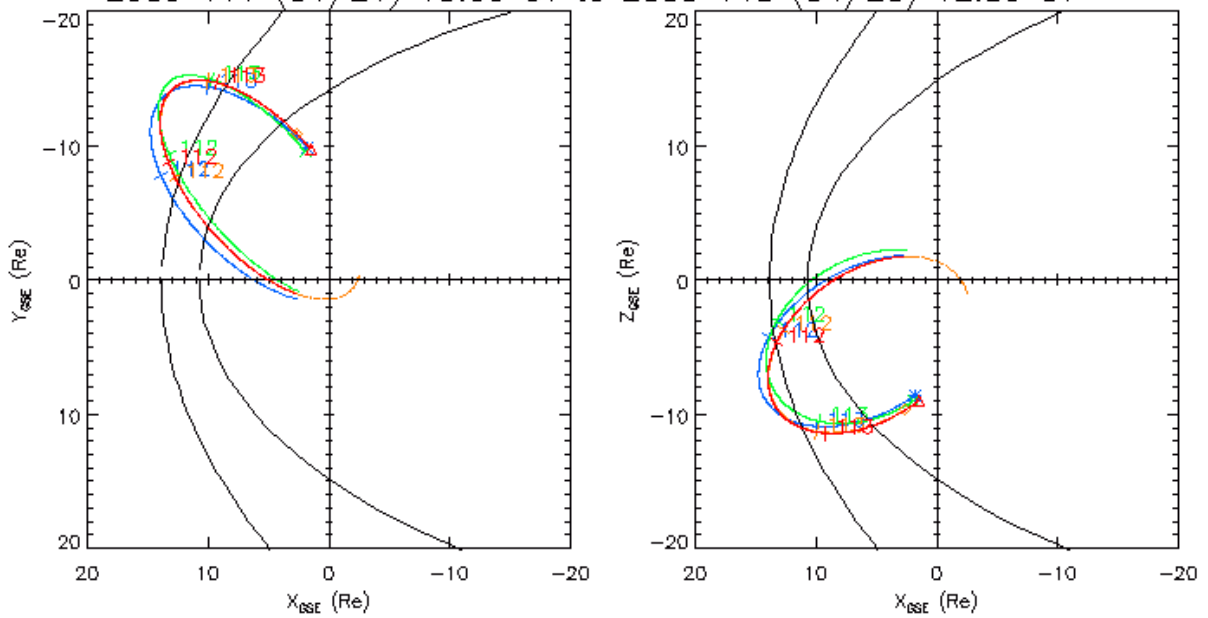
S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\triangle$   
 S/C in Solar Wind \_\_\_\_\_

2009 109 (04/19) 04:00 UT to 2009 111 (04/21) 03:59 UT



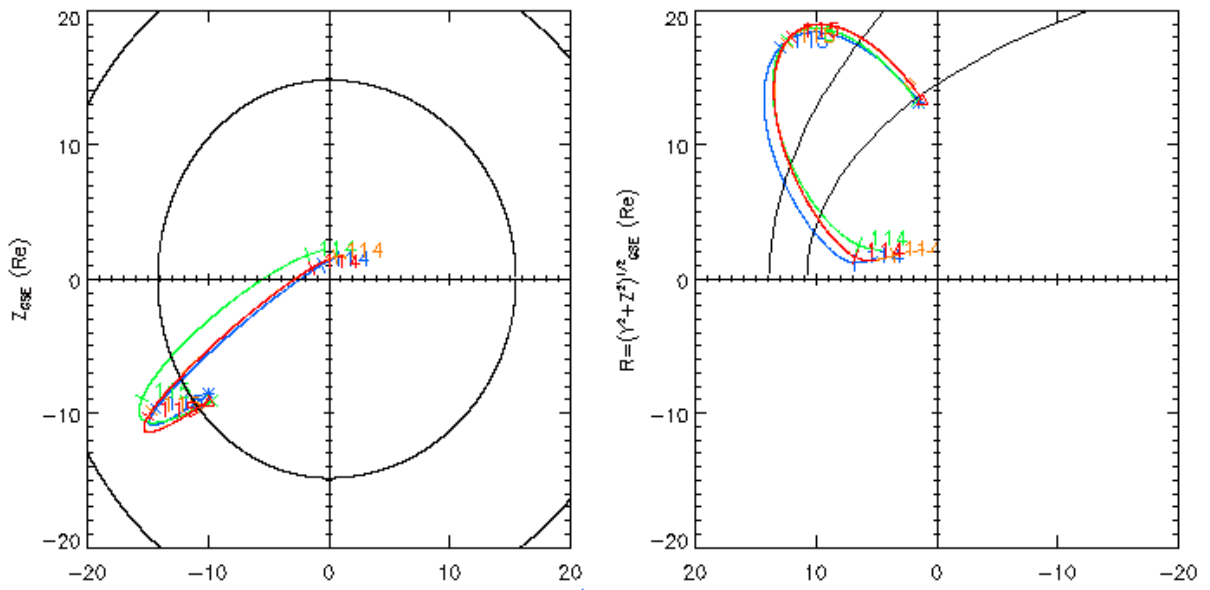
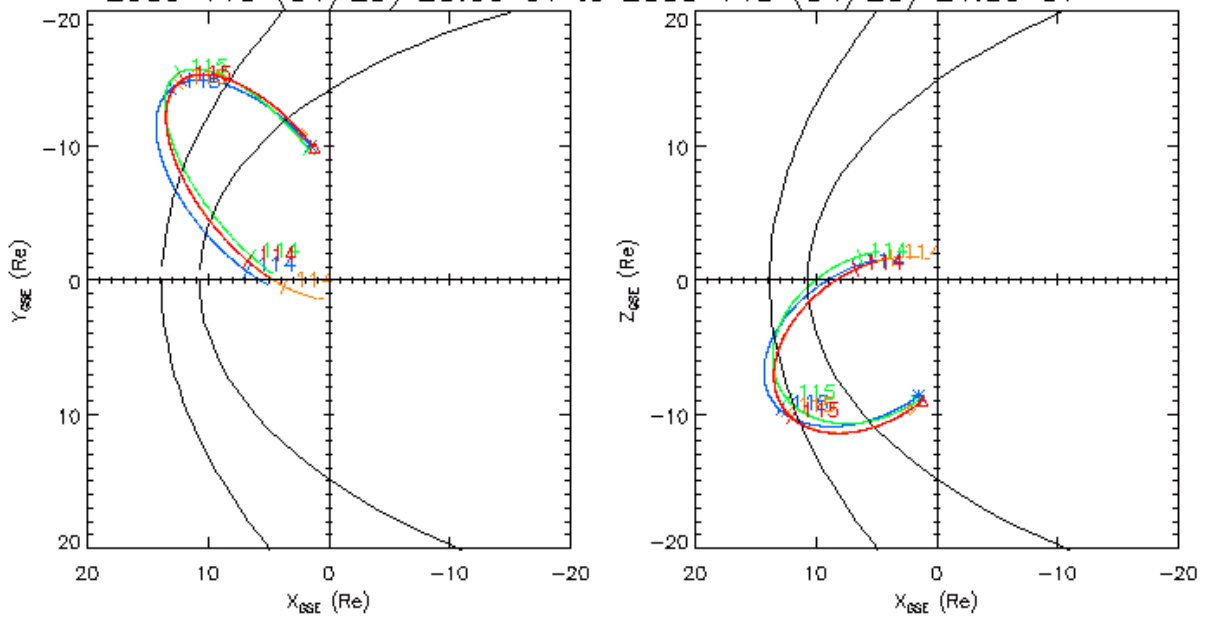
S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\blacktriangle$   
 S/C in Solar Wind \_\_\_\_\_

2009 111 (04/21) 13:00 UT to 2009 113 (04/23) 12:59 UT



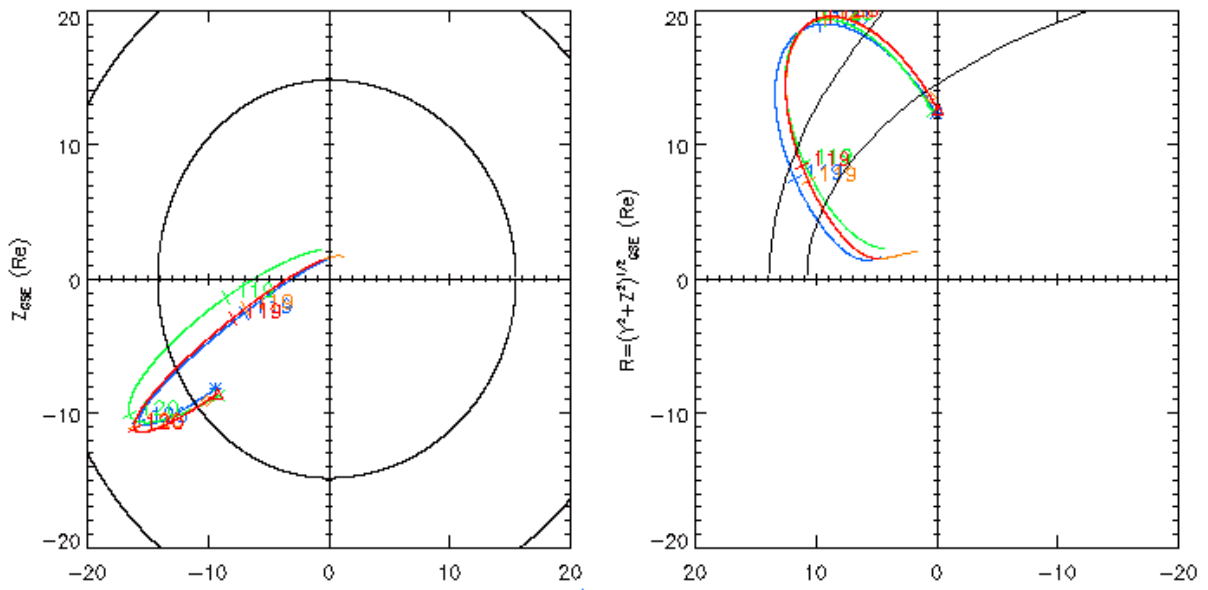
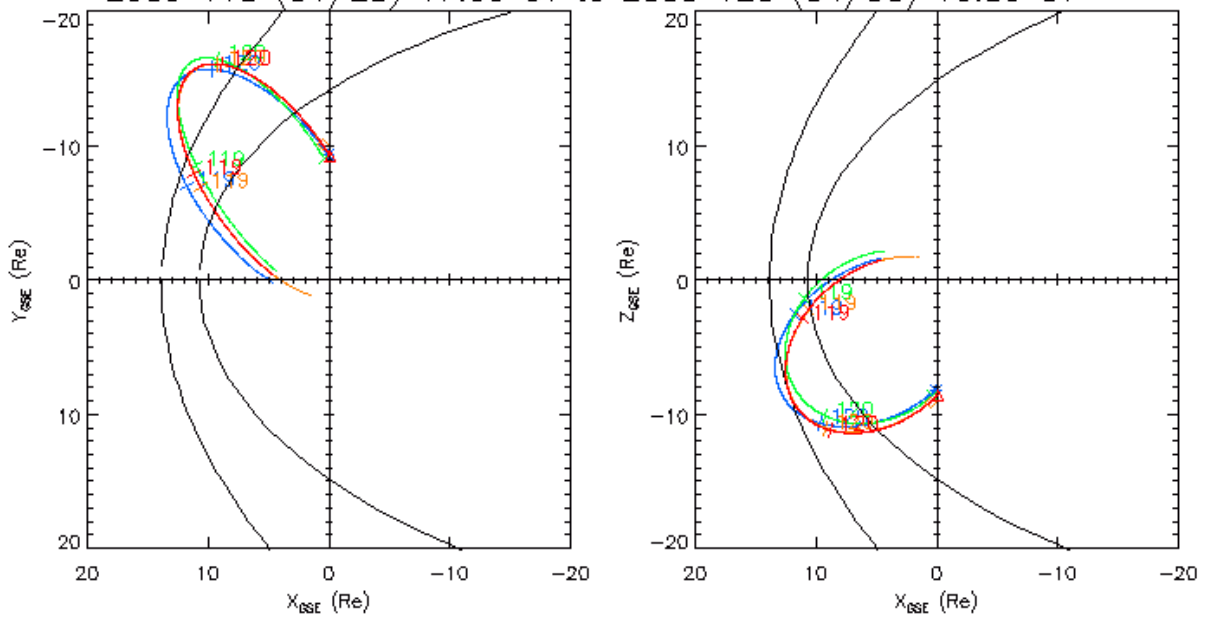
S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\blacktriangle$   
 S/C in Solar Wind \_\_\_\_\_

2009 113 (04/23) 23:00 UT to 2009 115 (04/25) 21:59 UT



S/C in Magnetosphere . . .  $Y_{GSE}$  (Re) symbols mark s/c at end of time range  $X_{GSE}$  (Re)  
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3 ◇ CLUSTER4 ▲  
 S/C in Solar Wind \_\_\_\_\_

2009 118 (04/28) 17:00 UT to 2009 120 (04/30) 16:59 UT



S/C in Magnetosphere . . .  $Y_{GSE} (Re)$  symbols mark s/c at end of time range  $X_{GSE} (Re)$   
 S/C in Magnetosheath - - - CLUSTER1 \* CLUSTER2 x CLUSTER3  $\diamond$  CLUSTER4  $\blacktriangle$   
 S/C in Solar Wind \_\_\_\_\_