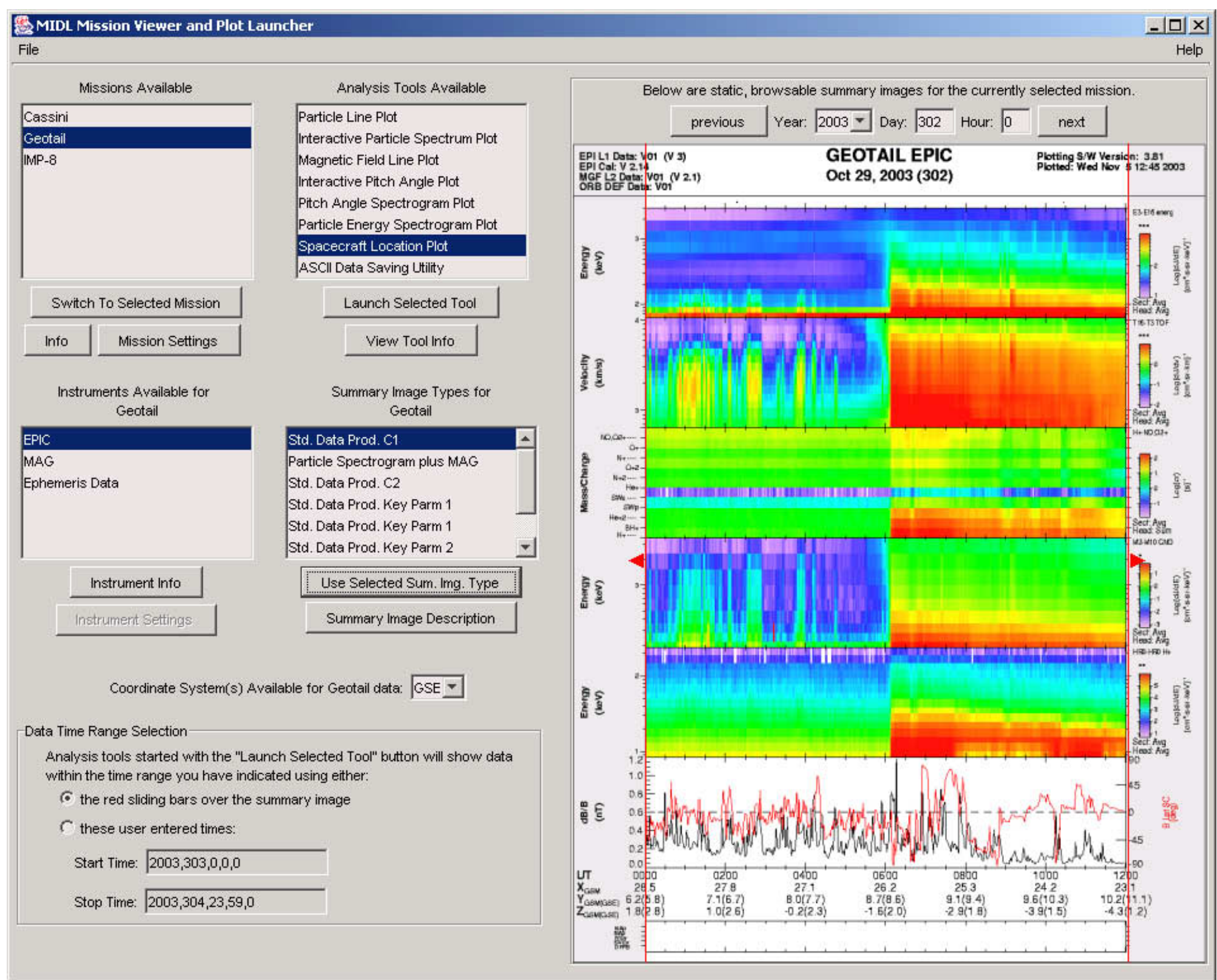


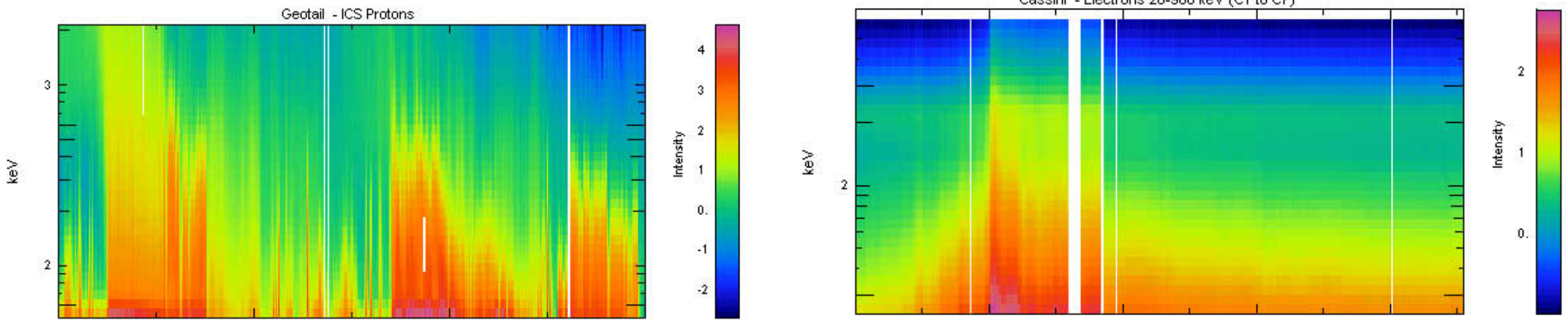
A server version of MIDL could be used as a services node to a VO, providing capabilities which require the opening up of data files, something that VO's will not be able to do.

The only way to efficiently allow the same software to analyze data content from multiple sources is through the use of internal data models

The existing implementation of MIDL is a Java analysis program. Plasma, energetic particle, and magnetic field data from **Geotail**, **ACE**, **Cassini**, **IMP-8**, **ISEE-1**, **ISEE-2**, and **AMPTE** are analyzable using a single analysis tool.

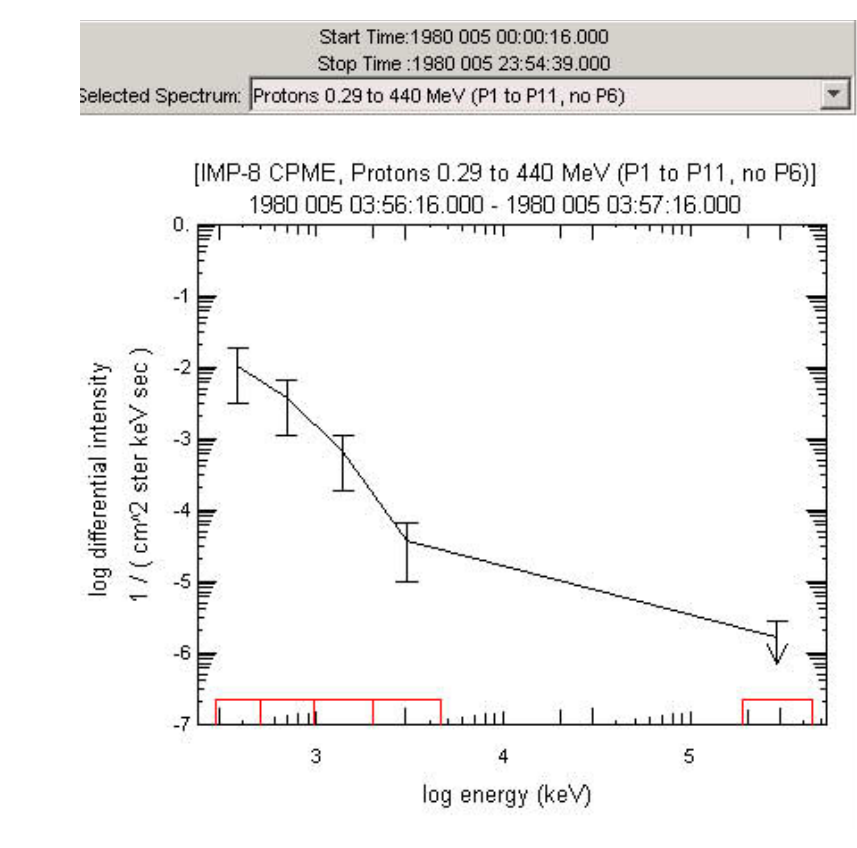


This is the main MIDL application window, which lets you browse each mission's dataset and launch analysis tools for various time ranges

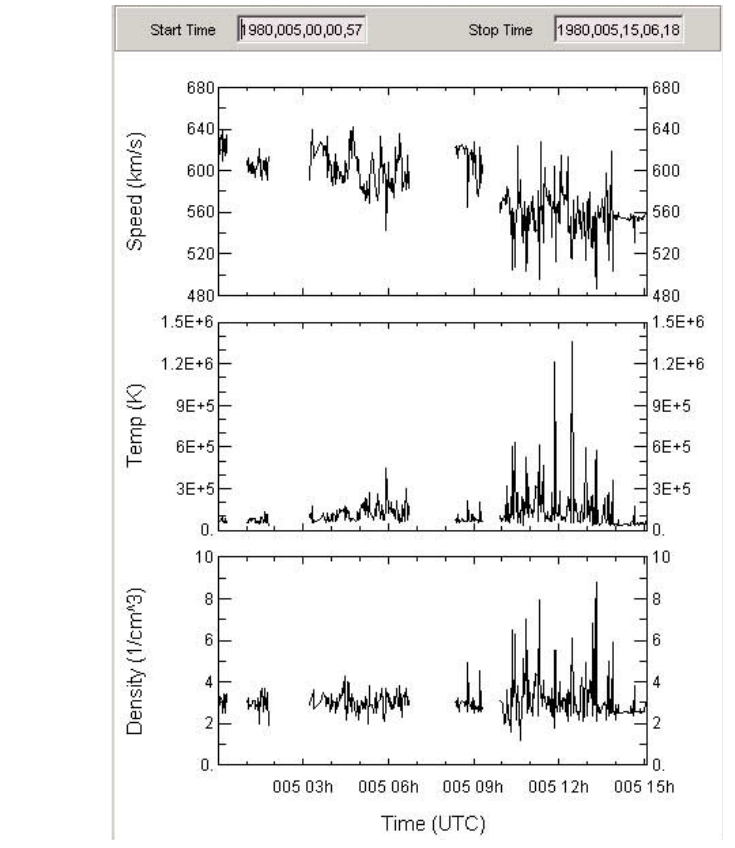


Geotail particle energy spectrogram (protons, 58 keV to 3 MeV) for the Oct 29-31, 2003 storms.

A electron spectrogram (20-900 keV) from Cassini/LEMMS (now nearing Saturn) for the period Nov 14-18, 2003.



IMP-8 energy spectrum (protons, 0.29 to 440 MeV) from the CPME instrument for Jan. 5, 1980, around 0400 UT.



IMP-8 plasma parameters from the same day as the panel to the left.