THEMIS and ARTEMIS Science Data Analysis Software Monthly Accomplishments
May 2013

THEMIS and ARTEMIS Science Data Analysis Software (TDAS) - Post v8.0
1. The following enhancements were made to the THEMIS/ARTEMIS data analysis software:

- Mini-language (calc.pro) now supports keywords (e.g. /nan, /cumulative) in function calls.
- plotxy/plotxyz/plotxyvec now support /xistime option to add tplot-style time labels to x-axis of plots.
- Improved support for scientific notation in GUI numeric controls.
- Clicking inside the legend for a panel now brings up the legend options for that panel.
- A cleanup step has been added to thm_cal_fit to remove NaN values that sometimes occur in the L1 data.

THEMIS and ARTEMIS Data Products

1. Extended coverage of V03 state CDFs with spin axis and spin phase corrections: Inner probes (THA, THD, THE) now complete through 2013-02-20.
3. All Sky Imager (ASI) products are available as follows:
   a. Thumbnail cdf files and overview plots are available through 2013/05/31. Thumbnail movies are available through 2013/05/31.
   b. Full resolution raw data is available and complete for 2007-2012. Full resolution CDFs are complete through 2013/03/31. Keograms are available and complete through 2013/05/31.
   c. Web site - Mosaics are up to date and available through 2013/05/31.