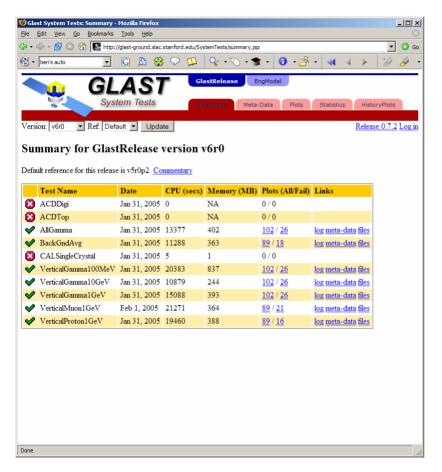
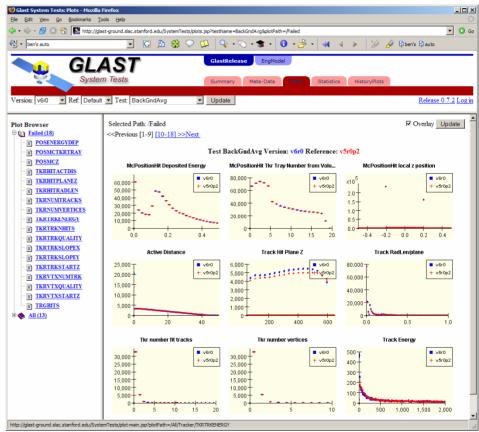
Data Handling Update February 17 2005

System Tests

- New Web Front-End now at version 0.7.2
 - New features
 - Most tables now sortable by clicking on header
 - Links added between meta-data/statistics and plots
 - Navigation improvements on plot page
 - Features of each release + future plans tracked in JIRA
 - http://jira.slac.stanford.edu/secure/BrowseProject.jspa?id=10140&report=changelog
 - http://jira.slac.stanford.edu/secure/BrowseProject.jspa?id=10140&report=roadma
 p
 - Now moved to http://glast-ground.slac.stanford.edu/SystemTests/
 - glast-ground now "outside the firewall", so accessible world-wide
- This release is almost complete
 - Most user requirement satisfied
 - A few put off because require changes to underlying infrastructure/tools
 - Working on user/expert customization.

System Tests Front-End





Pipeline

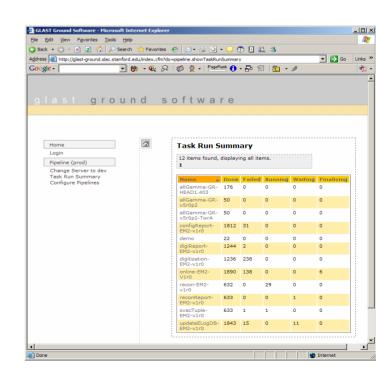
- Pipeline in use, working, if a little awkward for some tasks
 - Test database has been set-up for working on improvements without interfering with running system
 - Ability for tasks to depend on input from other tasks being tested, should be ready for users next week.

Web Front-End

- http://glast-ground.slac.stanford.edu/
- Supports
 - Up/download XML configuration
 - View status of tasks (basics working, filtering etc under development)
 - Edit properties of running tasks (soon)

Future

- Make sure current system can scale up to handle expected requirements for next 6 months
- Planning next generation pipeline which will make scheduling of complex tasks either.



Data Server

- Testing of performance of meta-data database underway
 - Intended to allow very rapid selection of events based on limited set of criteria (position, energy, time)
 - See results and discussion at:
 - http://confluence.slac.stanford.edu/display/ds/Data+Server+Ideas
 - Plan to allow refinement of meta-data selection using "TCut" selection of full merit tuple.
 - Web interface will allow data selection, event browsing, remember favorite searches, etc.
 - Plan to have web "mock-up" of web interface available next week.
 - Wired event display (for web based event browsing) interfaced to Glast HepRep server (see pictures on next page)
- Planning to have rudimentary system for DC2 background studies by April
- In parallel planning for full-featured system further down the road

