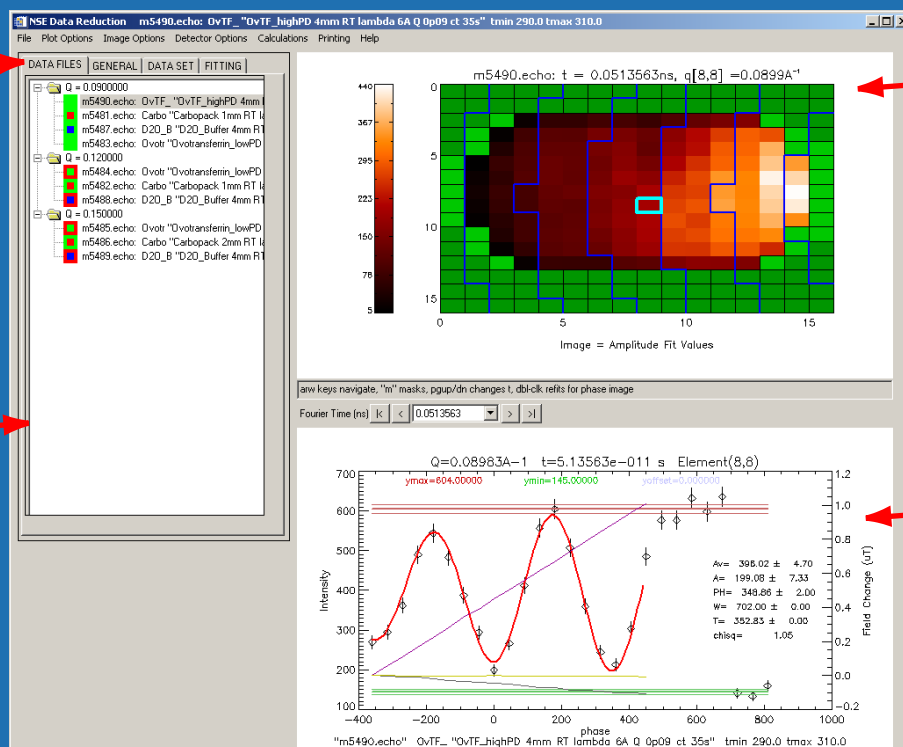# NEUTRON SPIN-ECHO
DATA REDUCTION and ANALYSIS

Tabbed interfaces provide full control of echo fit parameters and other required data set information

Tree-view for simple file organization and access

Detector image with simple control via menus and mouse interactions

Echo (I vs. phase) for pixel selected above. The magnetic fields are shown as one convenient indication of data integrity.

- ♦ Rapidly reduce many data sets
- ♦ Helpful tree-view for easy file organization and selection
- ♦ Simple user interaction with data sets
- ♦ Convenient corrections for instrumental resolution and background
- ♦ Easily import phases from other data sets for rapid fitting

- ♦ Multiple plotting options for visualizing data and fits
- ♦ Plot relevant fit parameters as a function of Fourier time
- ♦ Save all fit parameters in a text file
- ♦ User control over all fit parameters
- ♦ Save reduced data as DAVE or in an ASCII format.

NIST Center for Neutron Research
DAVE
Data Analysis and Visualization Environment

For more information about this application, contact Larry Kneller (ext 8839, larry.kneller@nist.gov)

For more information about the DAVE software and how to download it for your computer, please visit us at www.ncnr.nist.gov/DAVE