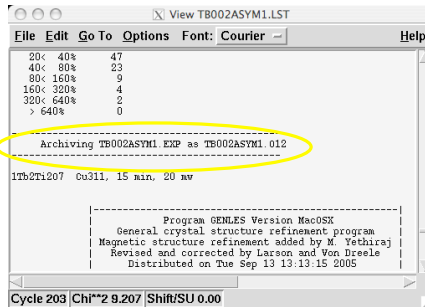


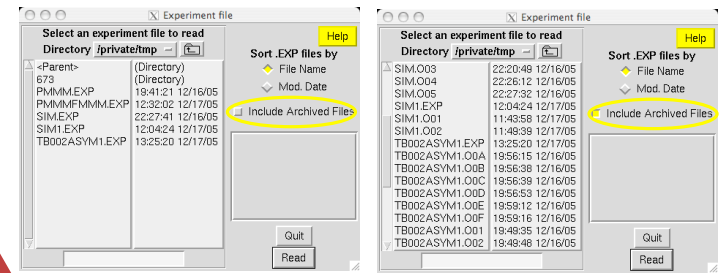
### Problem 6: Yesterday's Fit Was Better Than What I Have Done Since. How Do I Get It Back?

- GSAS "archives" Experiment (.EXP) files before making changes to the file using files named <expnam>.Oxx
  - Numbered in hexadecimal: .001, .002,.... .009, .00A,.... .00F, .00A0,....
- EXPGUI does the same and adds a comment in the <expnam>.LST file as well (seen in LSTVIEW):
- expnam (File/Open) provides a mechanism for locating and opening old refinements



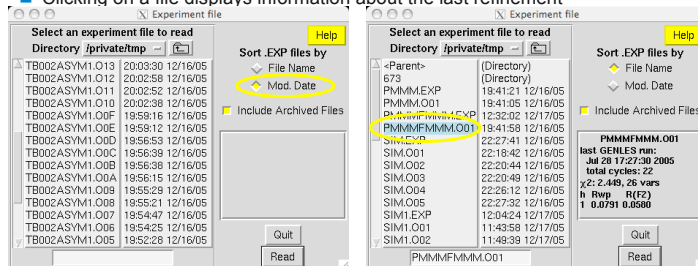
### 6.1 Viewing Archived Files in Open Experiment Window

- Normally only .EXP files are shown
- Clicking on "Include Archived Files" adds .Oxx files to list
  - Note that sort order is alphabetical and is out of chronological sequence



### 6.2 Sorting .EXP Files Chronologically

- Sort by "Mod[ification] Date" puts files in reverse chronological order
- Clicking on a file displays information about the last refinement

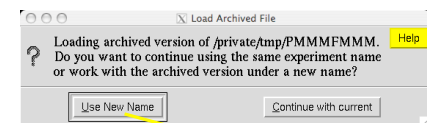


Note that typically files are saved both before and after changes are made in options with EXPGUI or EXPEDT; typically the older of the two files is the better choice to avoid repeating whatever caused the problem.

### 6.3 What Happens When a Archive File is Loaded?

- Once an archive file is selected, how should the file be used?

Option 1: Use a new experiment name, so that both the old & current refinements are accessible.



Option 2: Retain the existing experiment name. The current .EXP file will be saved as a new .Oxx file and the selected archive will be copied to be the working .EXP file

- With either choice, remember to run POWXPREF.

