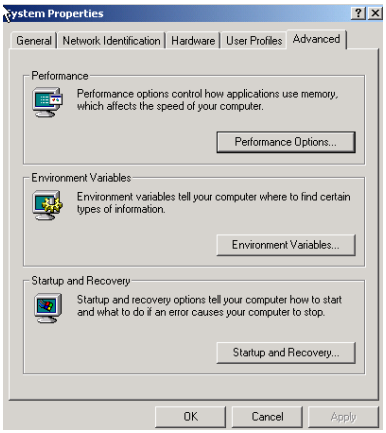
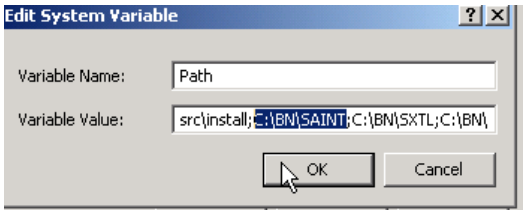
Technical Note 2006-09-21

Apex II data reduction, off-line, off-computer.

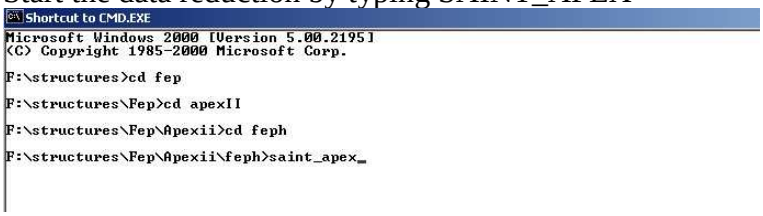
If you need to reduce your APEX II data on your computer, you will need to run the latest version of SAINT.

1. Obtain SAINT for the laboratory manager.
2. Copy the SAINT directory to a new directory on your computer
    a. For example copy the directory to C:\BN\SAINT
3. Rename SAINT.EXE to SAINT_APEX.EXE
4. set the PATH in the Environment Variables

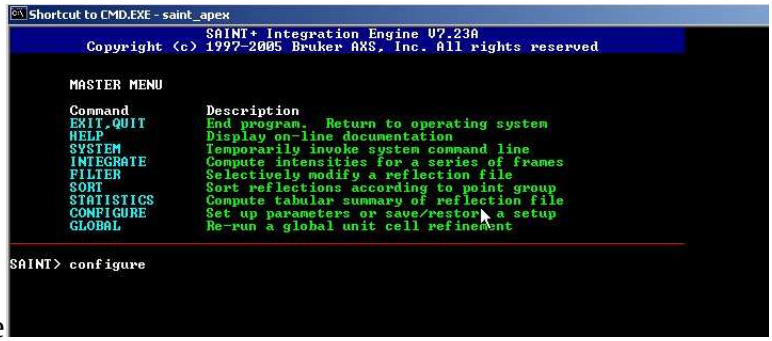


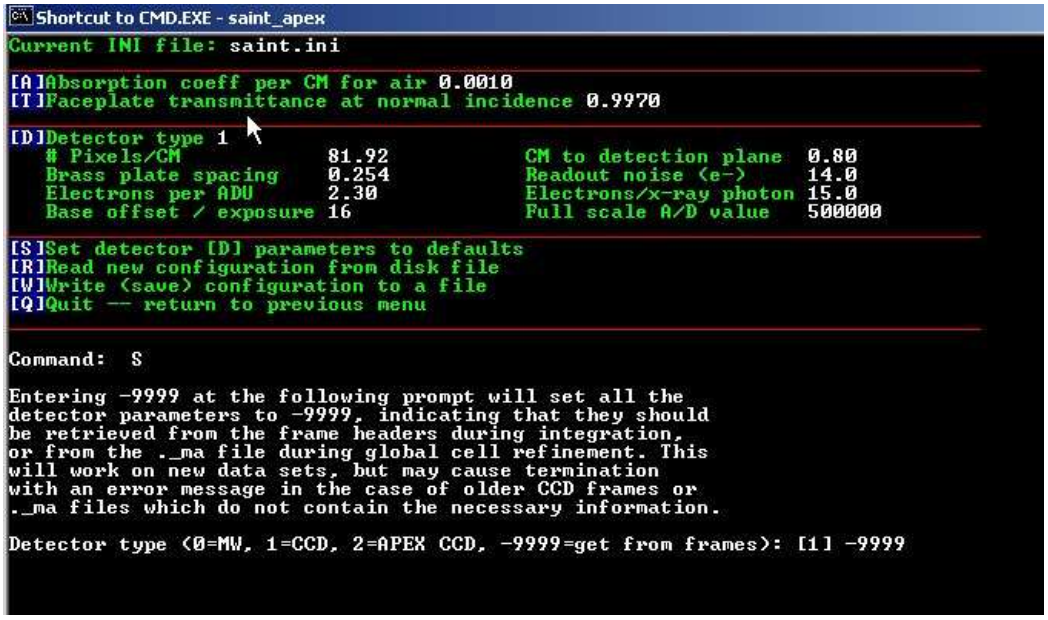


5. Open a command window and navigate to the directory with the frames data
6. Start the data reduction by typing SAINT_APEX

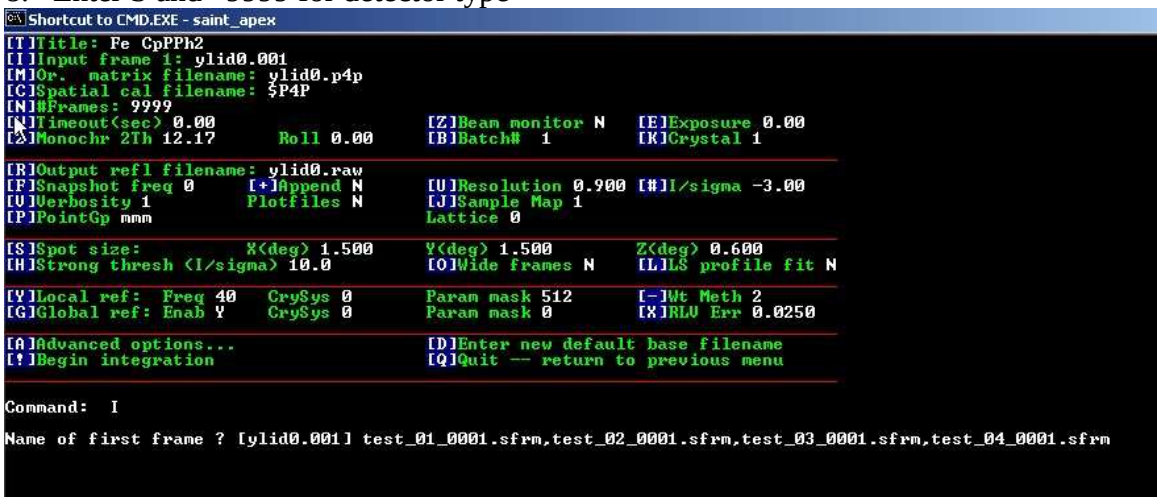


7. Enter Configure

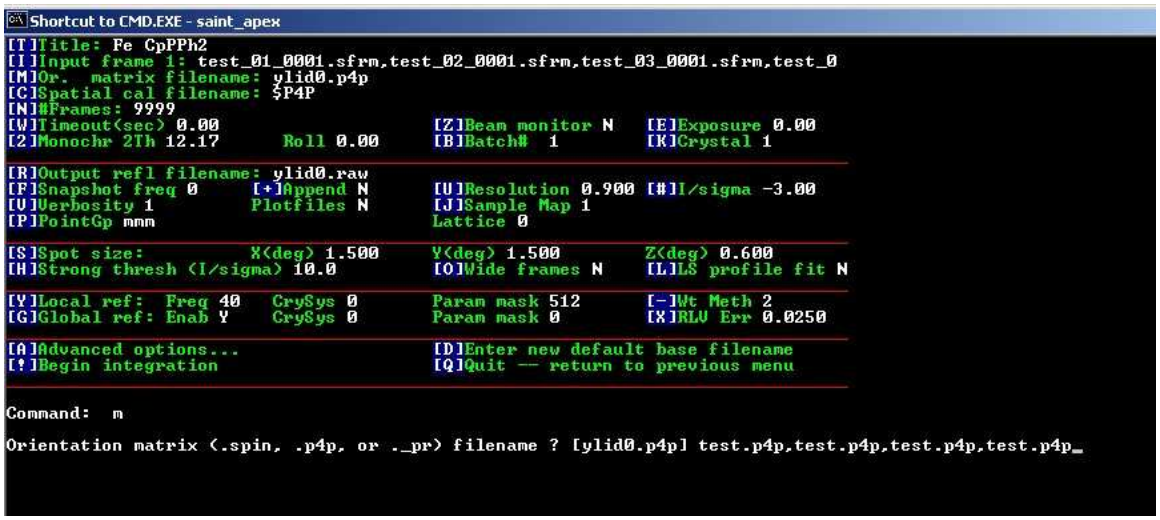




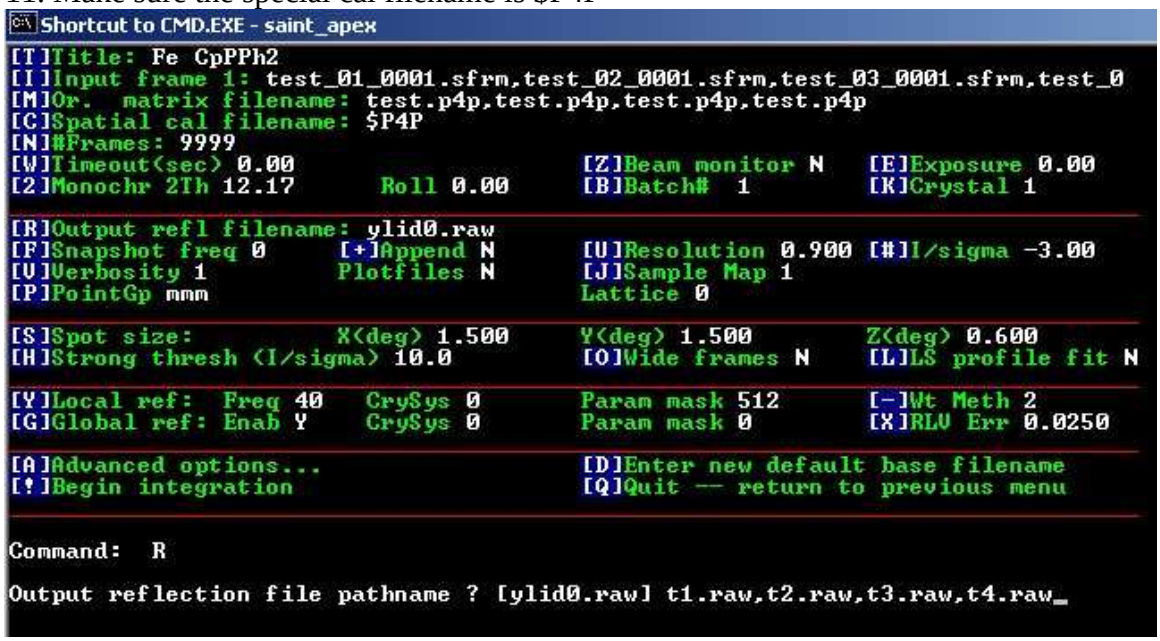
8. Enter S and –9999 for detector type



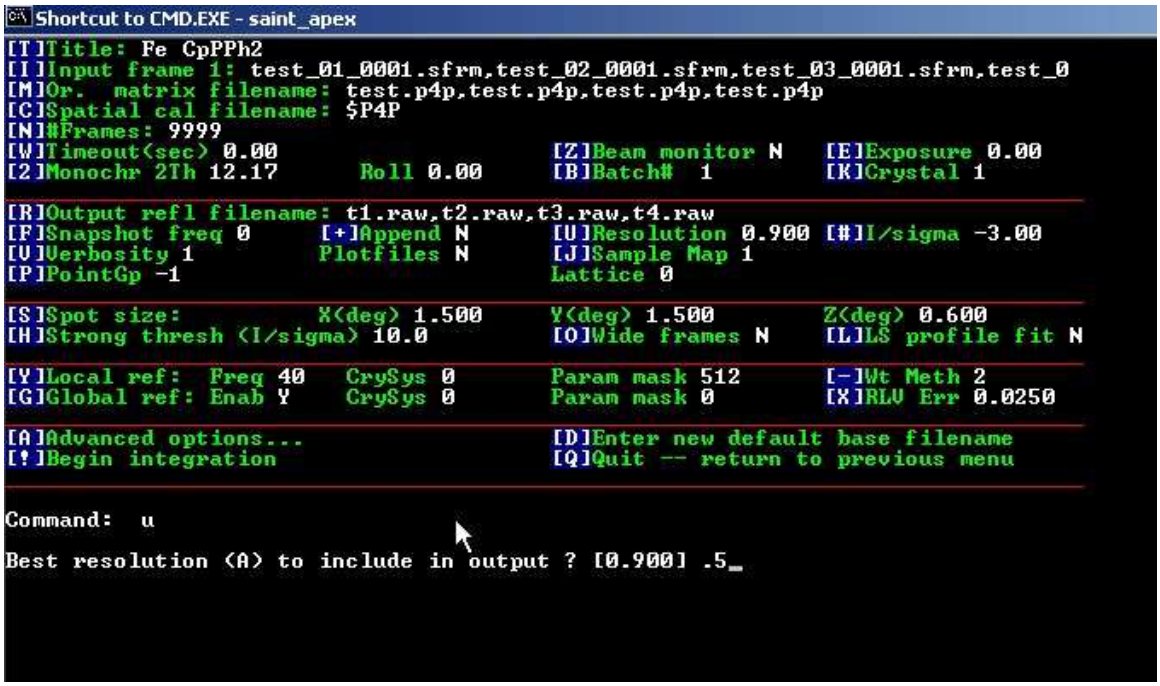
9. Quit – return to previous menu and type I. Enter all of the frame sets you want to reduce, be sure you enter the entire name and separate them by commas.



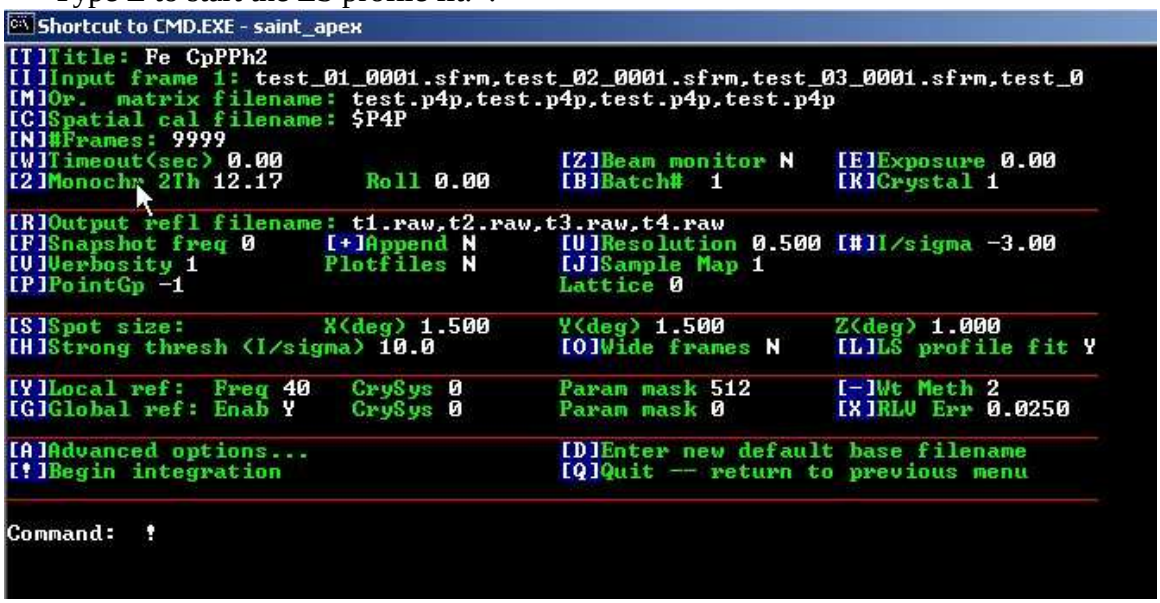
10. type M and enter the P4P file that you created in APEX. Enter the name once for each frame set, separated by commas.
11. Make sure the special cal filename is $P4P



12. Enter the raw data file names, one for each frame set. I have named them t1 to t4.raw



13. Change the best resolution to a lower value say .5 and the spot size to 1.5 1.5 1.0. Type L to start the LS profile fit. .



14. Type ! (bang) to start the integration.
15. Saint will start and reduce the data.
16. When finished exit the program and save the SAINT.INI.
17. When complete all of the files generated will be in the same directory as the data frames. Move the new files to a new directory and run sadabs.
18. Complete the structure in the normal fashion.