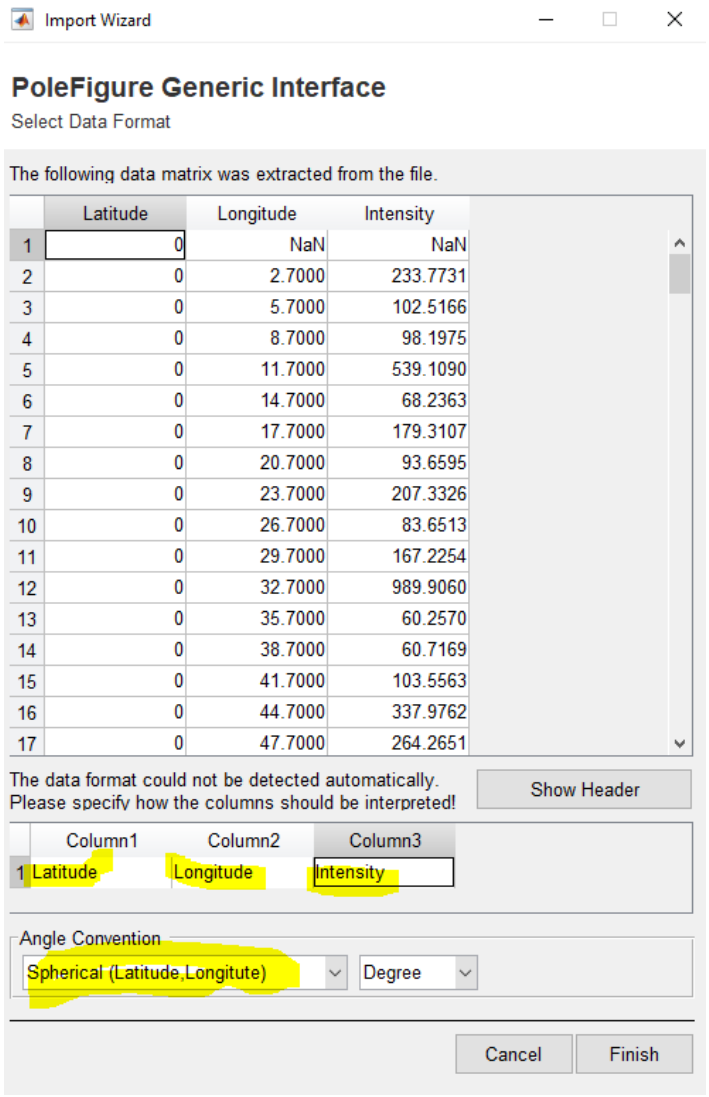
Importing neutron diffraction data into MTEX

1. Install latest version of MTEX
2. Open MATLAB and activate MTEX by typing 'startup_mtex'
3. Click the link that says 'Import pole figure data'
4. Click the '+' button and locate and import all text files containing Q ('quartz') using the Import Wizard. All files are named after their phase and Miller index. For example, 'd2_part2_p1_Q(102).txt' refers to (102) diffraction data for quartz. Once all quartz files have been selected click 'Next'
5. In the Polefigure Generic Interface window that follows…
   - Change Angle Convention to 'Spherical'
   - Change Column 1 to 'Latitude'
   - Change Column 2 to 'Longitude'
   - Change Column 3 to 'Intensity'
   - Click 'Finish'



6. Click 'Finish' in the Import Wizard window. MTEX will generate an appropriate script for importing and running the data. To learn how to visualise the data, please visit: https://mtex-toolbox.github.io/