3 Jupyter Notebooks used to analyze data obtained on specular peak at the Rigaku Lab X-Ray Diffraction Source

Th2th\_extract extracts the theta2theta data from the Rigaku files. Only the room temperature version are shown here.

Rock\_extract extracts the rocking curve data from the Rigaku files. Only the room temperature version are shown here.

Plot\_expansion\_rms plots the c-axis expansion and peak narrowing as a function of temperature.