



**Single Crystal Tutorial:
Slicing single crystal inelastic and diffuse data with Mantid**

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Understanding single crystal diffraction and inelastic neutron scattering measurements requires processing and visualization of multi-dimensional (MD) datasets. This can take the form sets of 1D cuts, 2D slices, or even volume plots. This tutorial aims to familiarize users with the process of generating MD data, taking cuts and slices, making plots using either Mantidplot capabilities or the matplotlib python library.