

Spring 8.14

Data Analysis Exercise #2

Due: At the beginning of your next lab session.

1. Download the data file from the study materials section.
2. Produce a plot of the data and fit it to your best guess as to its functional form.
3. Fit the data using `newfittestemplate.m` & `fitnonlin.m`
4. Produce a plot with the best fit curve overlaying the data
5. Plot the residuals
6. What is the separation (and uncertainty) of the two peaks in arbitrary energy units to 1-sigma?

