* 1. Sample Deck (mcnp) - DONE
* (n,y) reactions tracked
* 14.2 MeV source
* Tool geometry
* Single-element
* Gaussian broadening applied
* F8 tally?
  1. Tally Quick Test (MATLAB) – NOT STARTED
* Read tally data
* Read comparison data?
* Graph data?

2.1 Deck Builder (python) - DONE

* Use Sample Deck as template
* ~20 elements (to be determined)
* Creates Element Deck

3.1 Deck Runner (bash) - DONE

* Runs all Element Decks
* Stores Outputs
* Stores Runscripts

4.1 Tally Reader (python) – OLD CODE

* Reads Outputs
* Stores simple-format .txt tally data (True Libraries)

5.1 Noise (MATLAB) - CREATED

* Read True Libraries
* Create combined libraries (True Measurement)
* Add noise
* Stores simple-format .txt simulated data (Sim Libraries, Sim Measurement)
* Stores simple-format .txt true measurement (True Measurement)

6.1 Fitting (MATLAB) - STARTED

* Read Sim Libraries, Sim Measurement, True Libraries, True Measurement
* Apply LASSO with Sim Libraries, Sim Measurement
* Apply LASSO with True Libraries, True Measurement
* Apply LLS with Sim Libraries, Sim Measurement
* Apply LLS with True Libraries, True Measurement
* Apply known values to Sim Libraries, Sim Measurements
* Apply known values to True Libraries, True Measurements
* Graph everything
* Statistical comparisons
* Clock everything