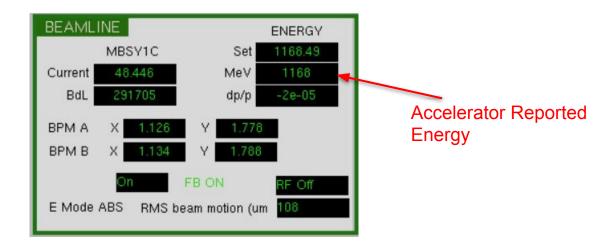
Energy Measurement

Nathaly

Goal

- Measure the beam energy using the elastic data of Tritium, Helium and Hydrogen.
- Compare the result with the Arc measurements.



LHRS Momentum



Using Nilanga's central LHRS momentum calculation. JLAB-TN-01-049

Run by Run check:

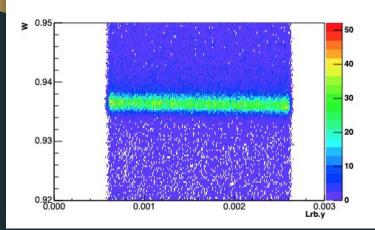
Hydrogen: P0 = 1.1283 GeV

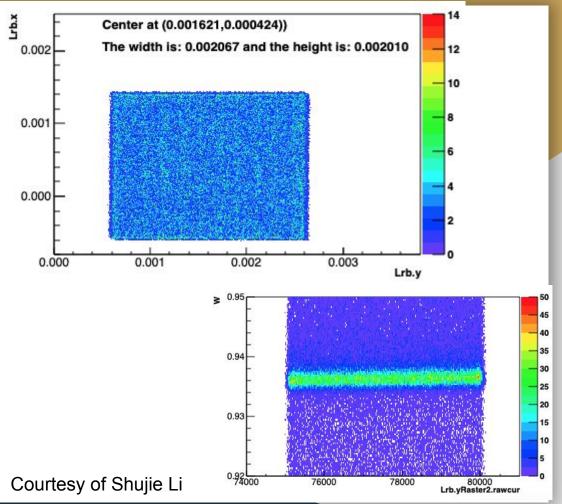
Tritium: P0 = 1.1283 GeV

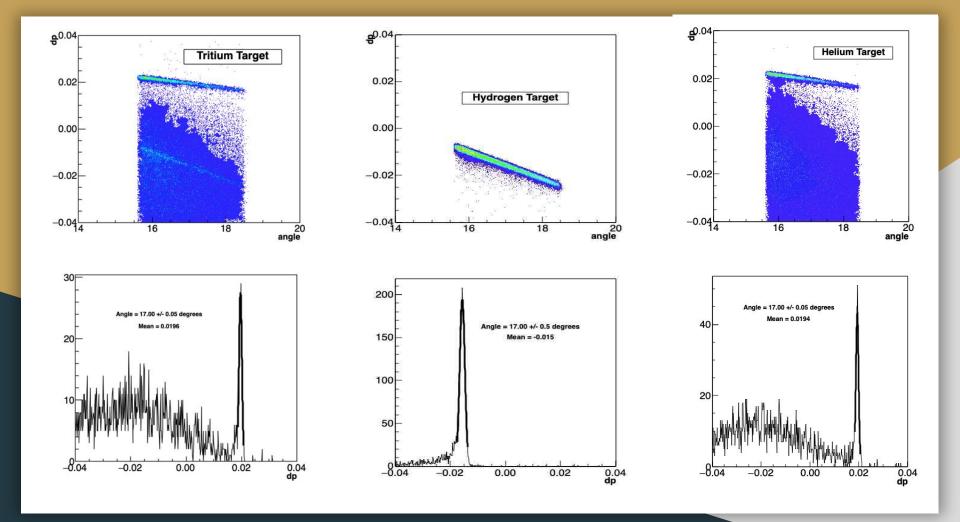
Helium: P0 = 1.1283 GeV

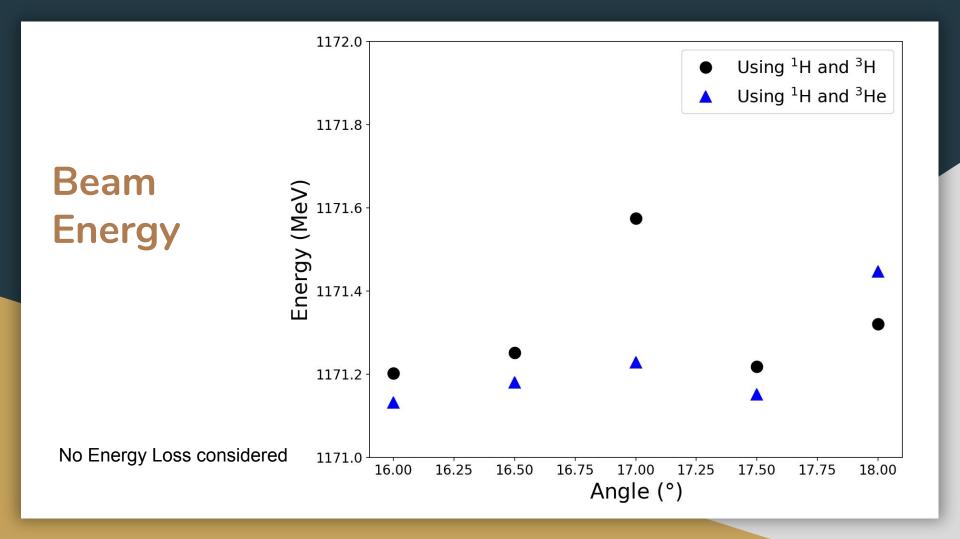
Raster Check

Using a preliminary raster calibration provided by Shujie.









Next...

Implement the energy loss corrections.

Any suggestions?