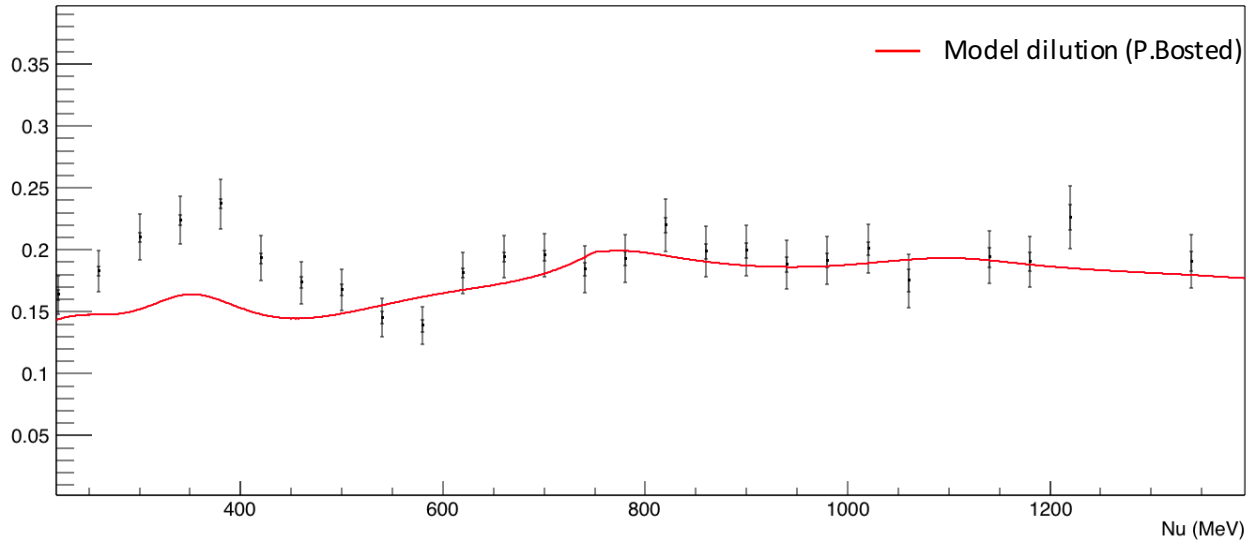
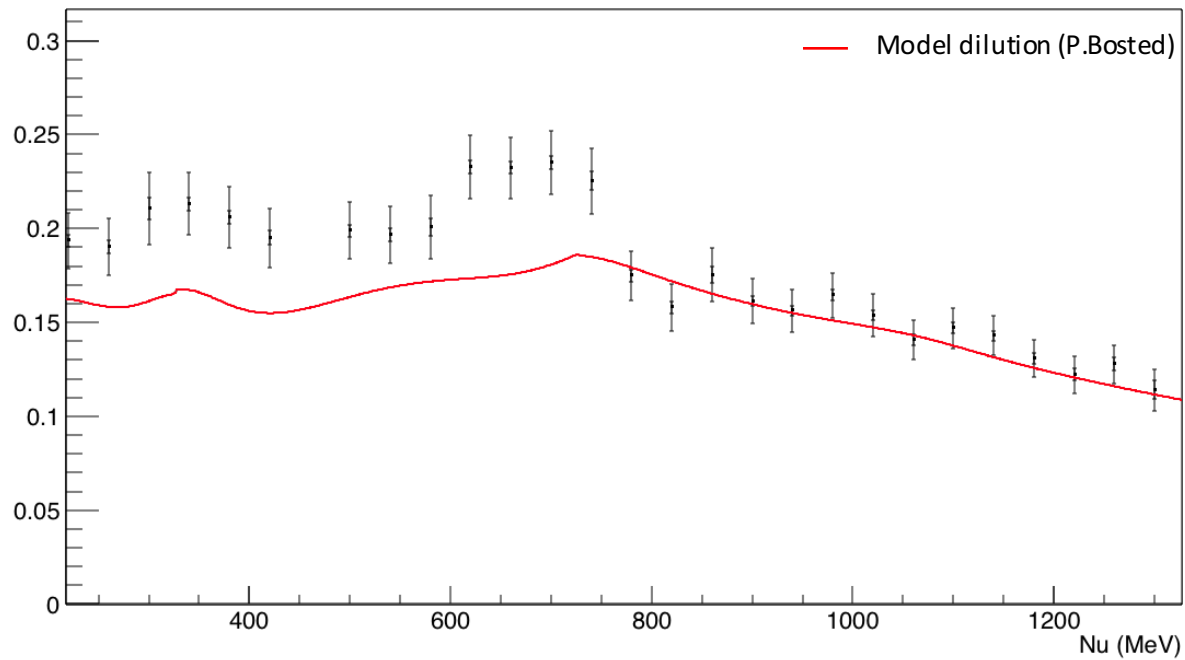


2.254GeV 5T Transverse Dilution



2.254GeV 5T Longitudinal Dilution



Recently Finished & Current Work

- 5T transverse and longitudinal dilutions with finalized systematic uncertainties:
 - Radiative scaling
 - C12 → N14 model ratio
 - Packing fraction
 - Statistical
- Modifying asymmetry code to accept new dilution and dilution uncertainty (as systematic) input, adding out-of-plane angle correction.

Future Work

- Finalize g2p physics asymmetry with systematics (**~ 1 month**)
- Finalize unpolarized model XS and uncertainty using P.Bosted at the 5T transverse setting. (**~ a few weeks**)
 - If this goes smoothly the 2.2GeV 2.5T setting could be done as well.
- Make final decision on radiative corrections, combine asymmetry and Bosted model XS, find $\Delta\sigma_{\perp}$ with systematics. (**~ a few weeks???**)
- $\Delta\sigma_{\parallel}$ using maid? (status of EG4?), g2, etc... (**~1 month**)
- **Graduation April-May**