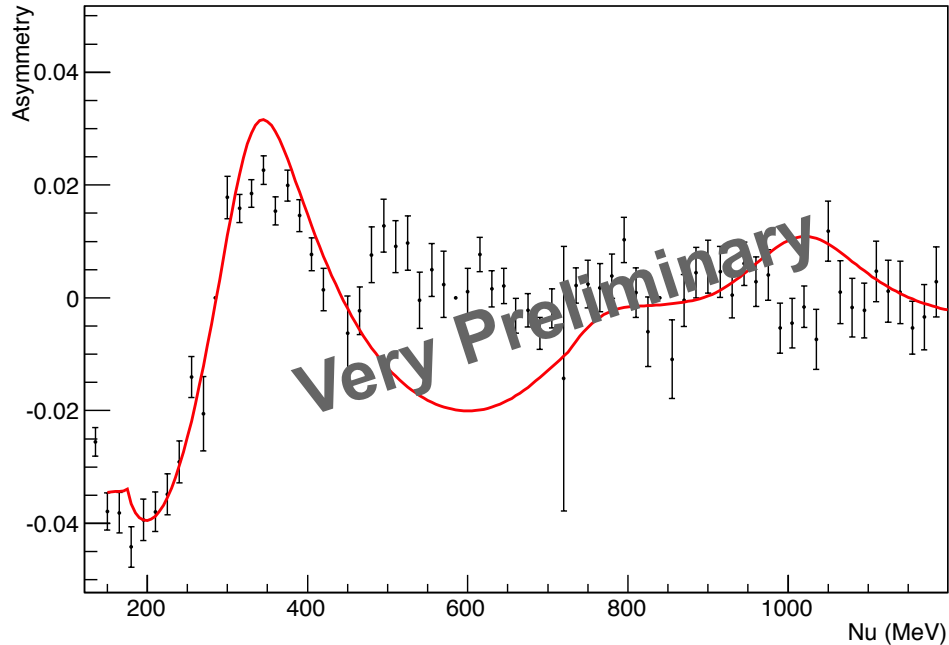
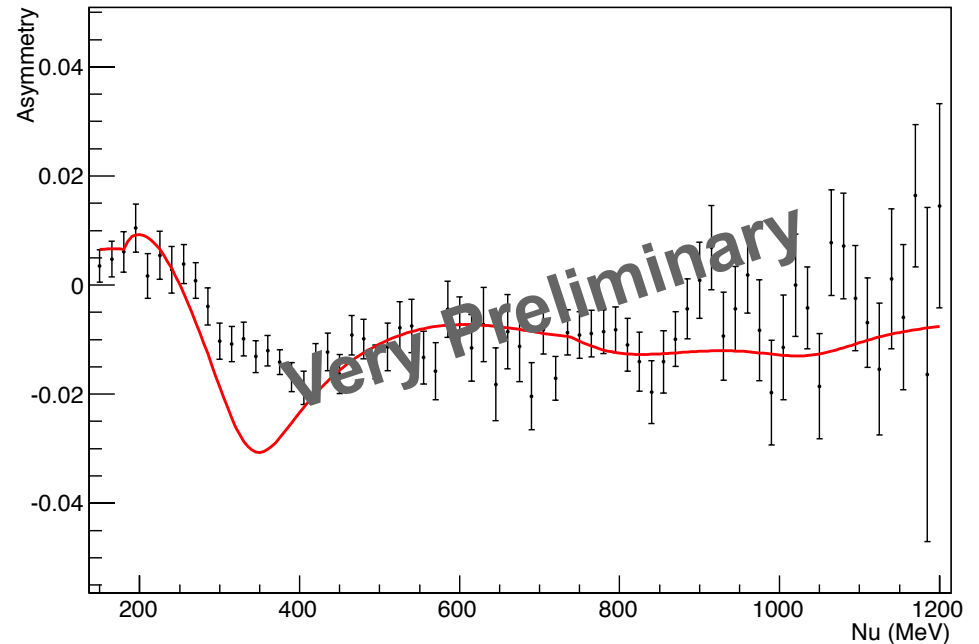


Corrected Asymmetries

2.254GeV 5T Longitudinal Physics Asymmetry

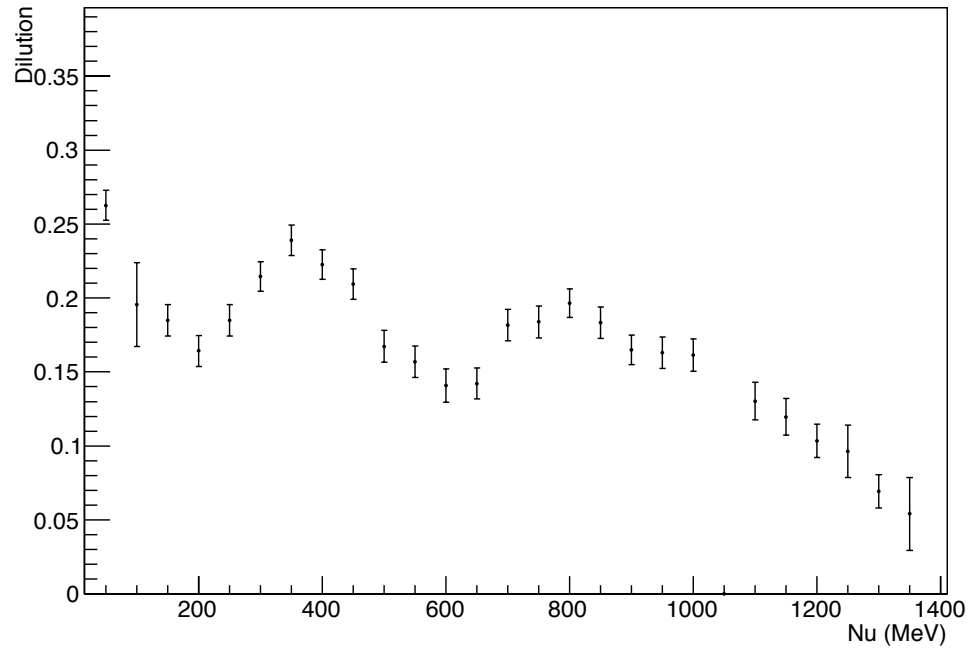


2.254GeV 5T Transverse Physics Asymmetry

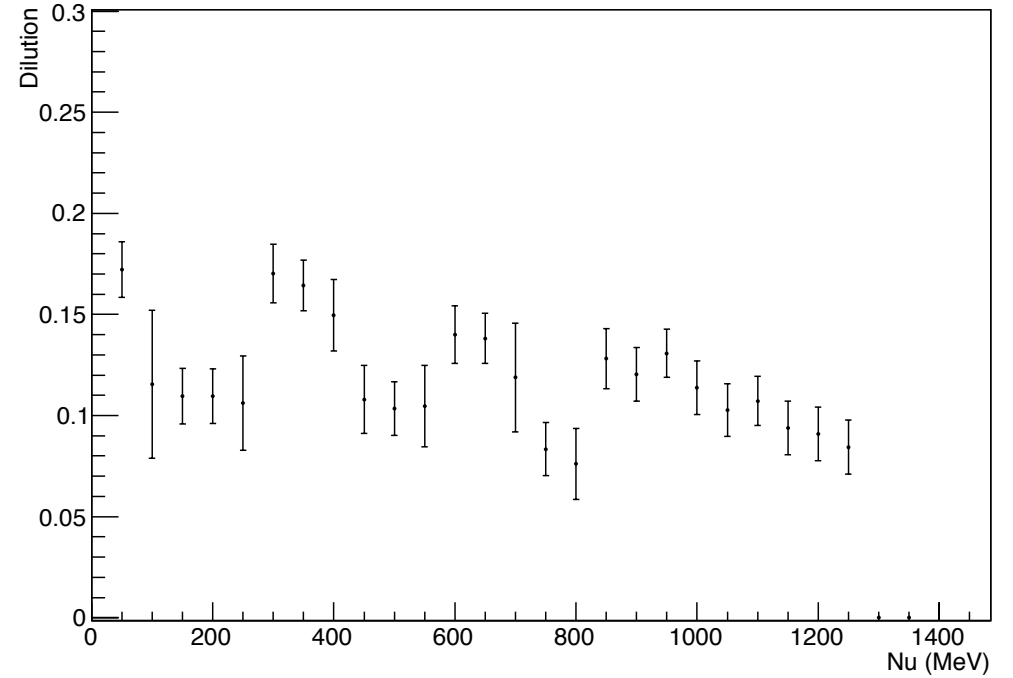


- $A_{phys} = \frac{1}{f p_b p_t} A_{raw}$
- Includes all statistics (both left and right arm).
- Uses calculated dilution and calculated target polarization.
- Comparison (red) is fully radiated MAID model prediction from Ryan.
- Still working on minor improvements to dilution using updated scattering angle corrections.

2.254GeV 5T Transverse Dilution



2.254GeV 5T Longitudinal Dilution



To do:

- Continue working on kinematic dependent scattering angle correction for radiated P.Bosted model.
- Generate physics asymmetry at other settings.