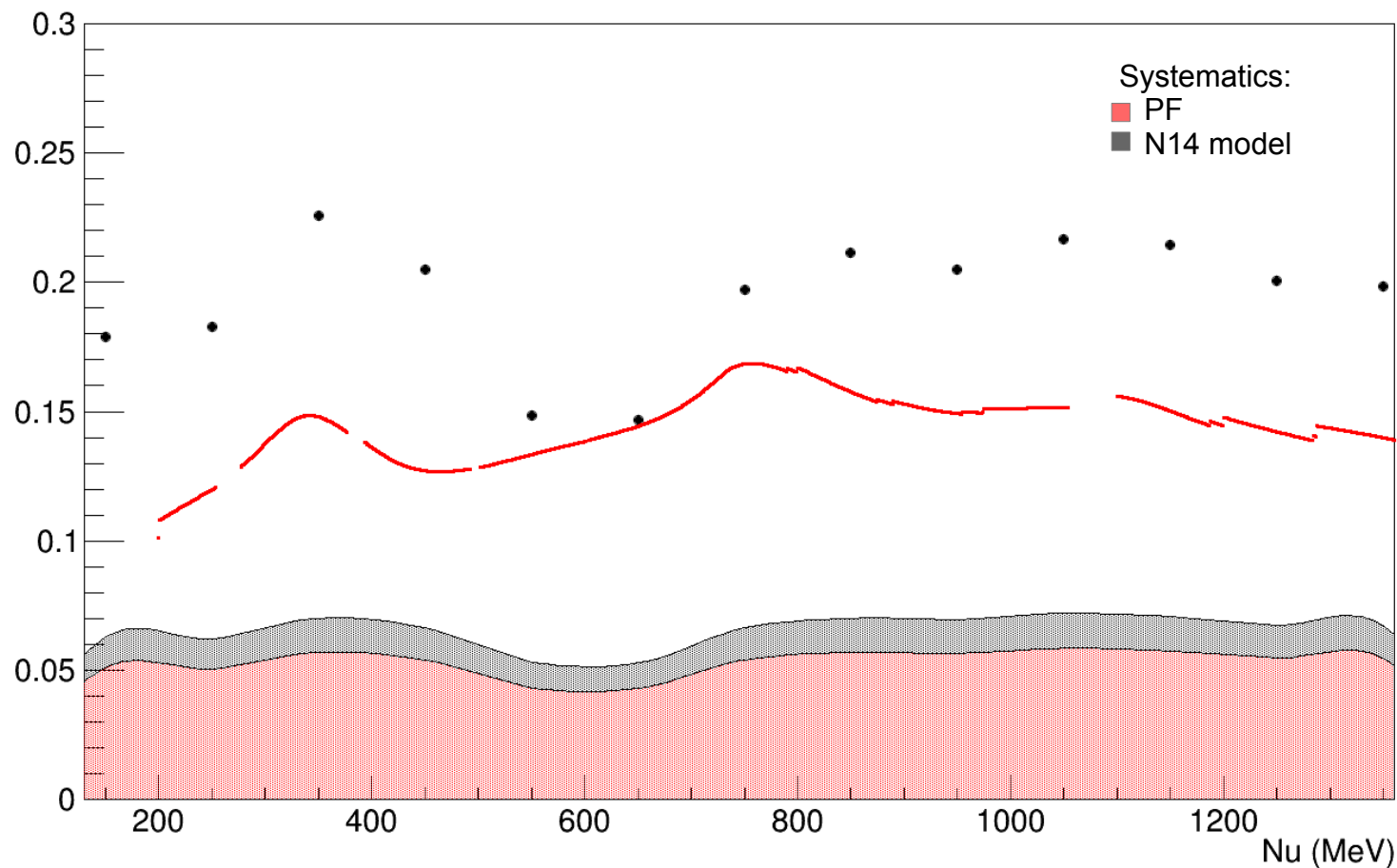


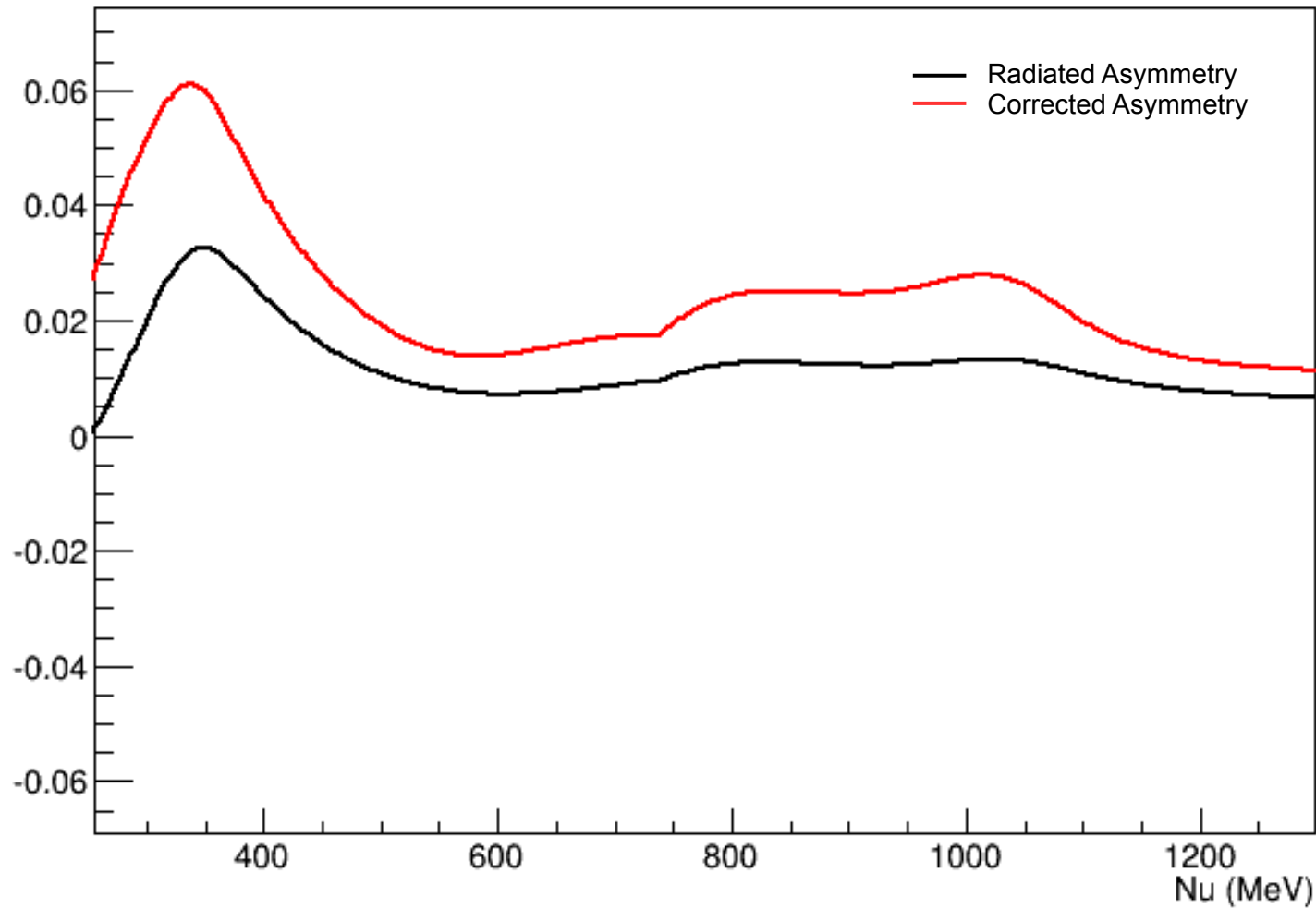
2.254GeV 5T Transverse Dilution



Run	Packing Fraction	Uncertainty
5944	0.565	0.056
5945	0.660	0.072
5946	0.684	0.074
6034	0.655	0.071
6063	0.479	0.040
6081	0.587	0.055
Average	0.605	+/- 0.205

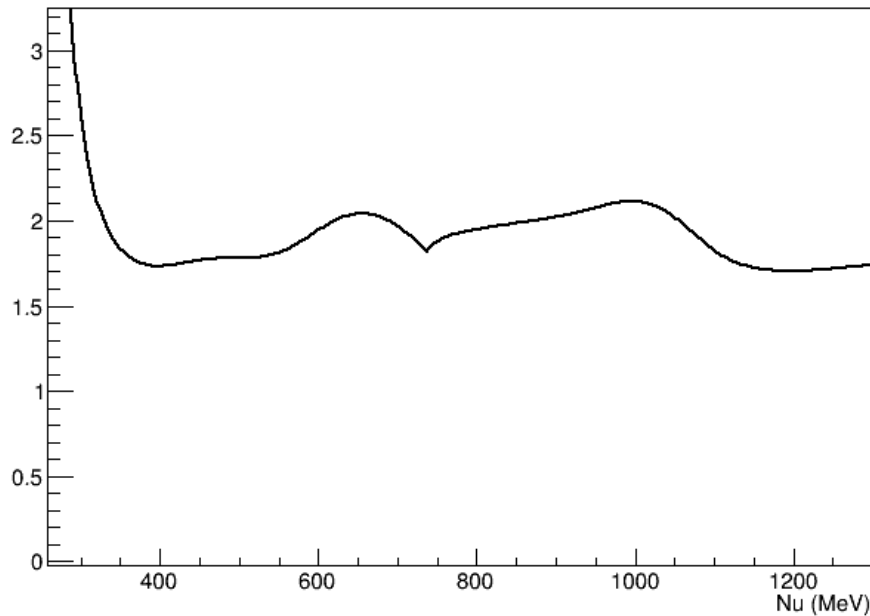
- Model is from P.Bosted (weighted by scattering angle at each setting).
- Data contains statistical error bars
- Systematic uncertainty is heavily dominated by PF uncertainty (left)
- PF uncertainty is obtained from the spread in PF's for a material.

2.254GeV 5T Transverse Model Asymmetry

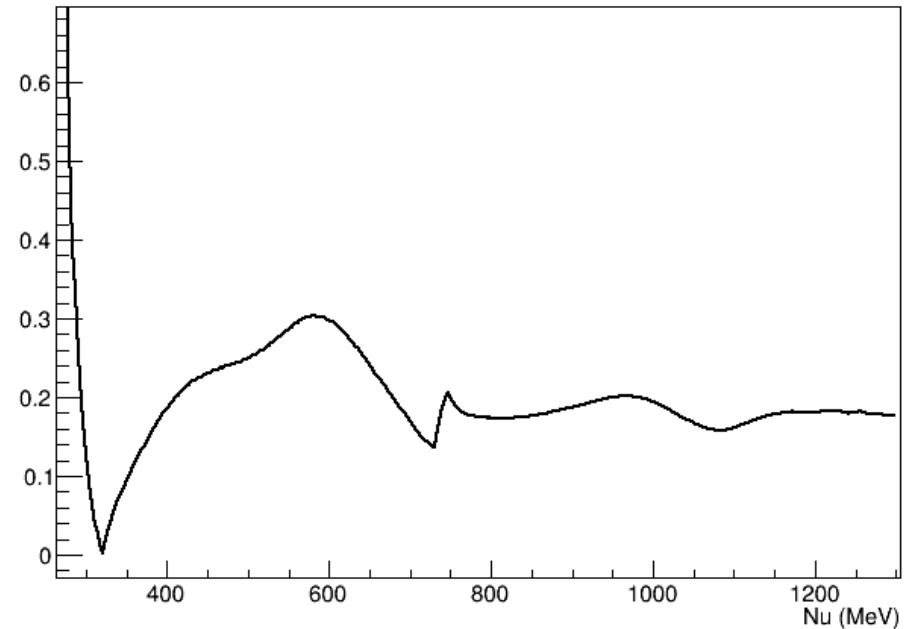


Asymmetry model
provided by Ryan

Asymmetry Ratio



Relative Systematic Uncertainty



- Asymmetry ratio 'correction factor' obtained from dividing unradiated asymmetry model by radiated asymmetry model.
- Model is varied by +/- 1 degree in central scattering angle and difference between resulting ratios is taken as systematic uncertainty in method (upper right).
- Systematic becomes large at roughly 250MeV (nu) because of a zero crossing in model asymmetry. Had to cut here using this method.

2.254GeV 5T Transverse asymmetry (corrected)

