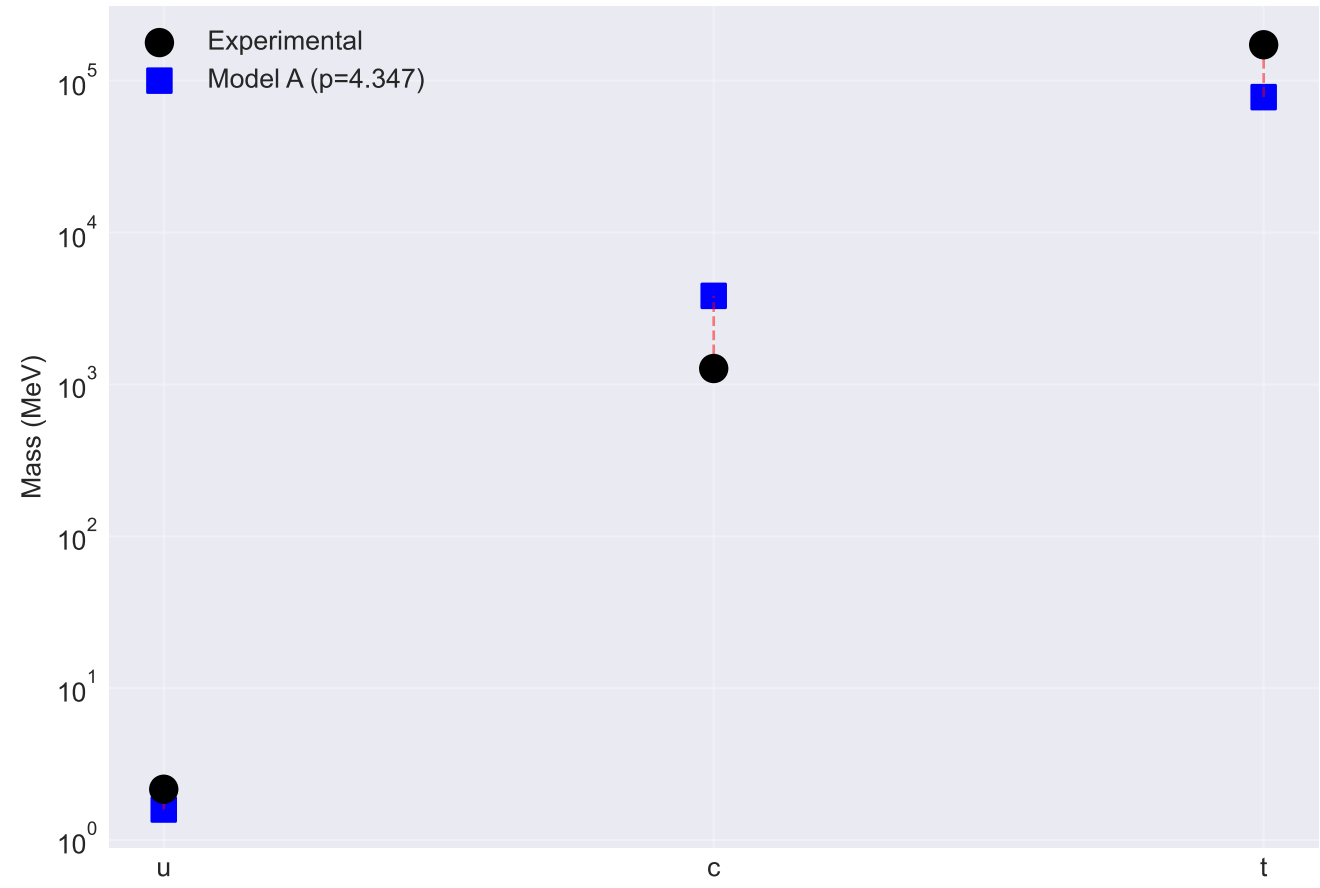
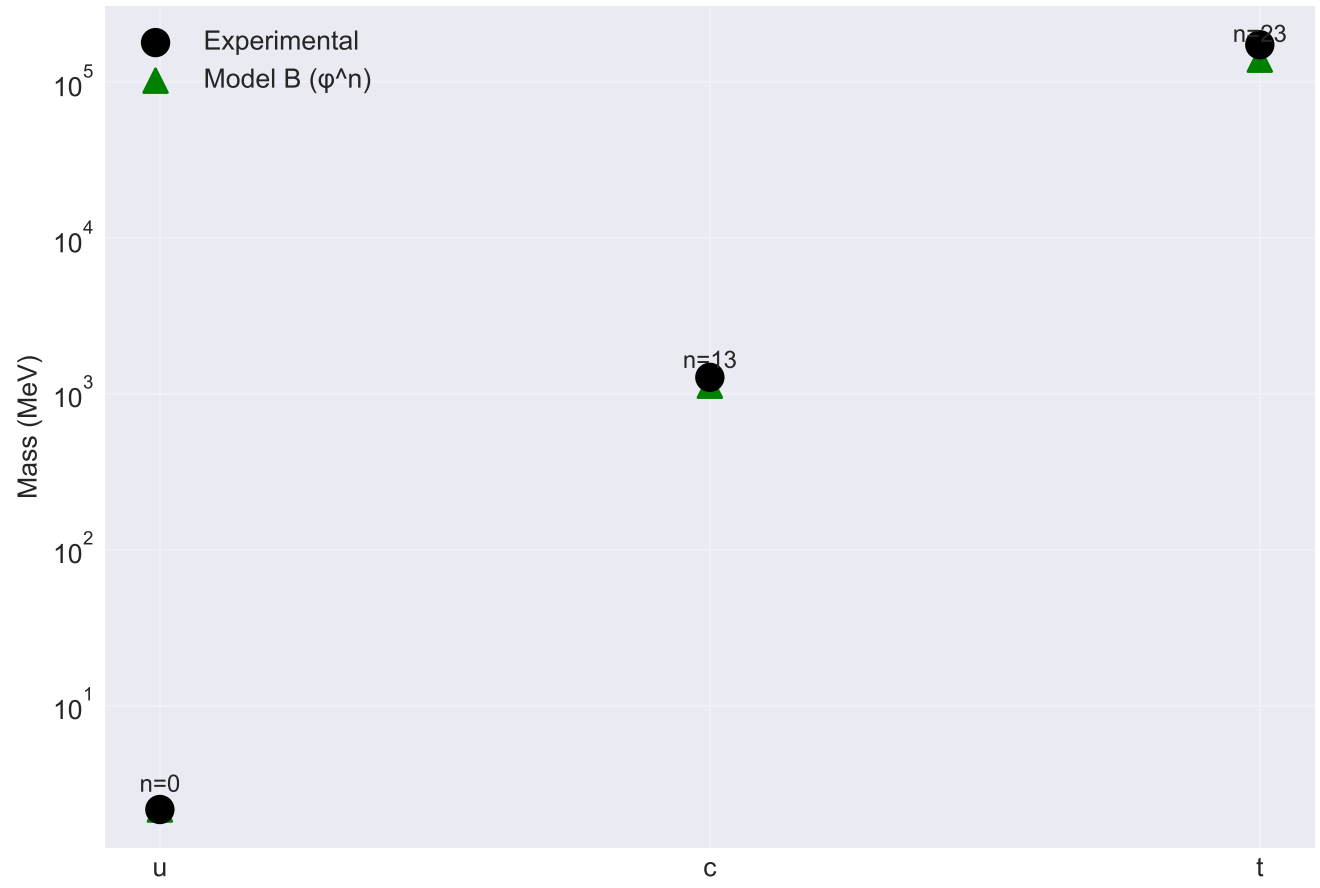


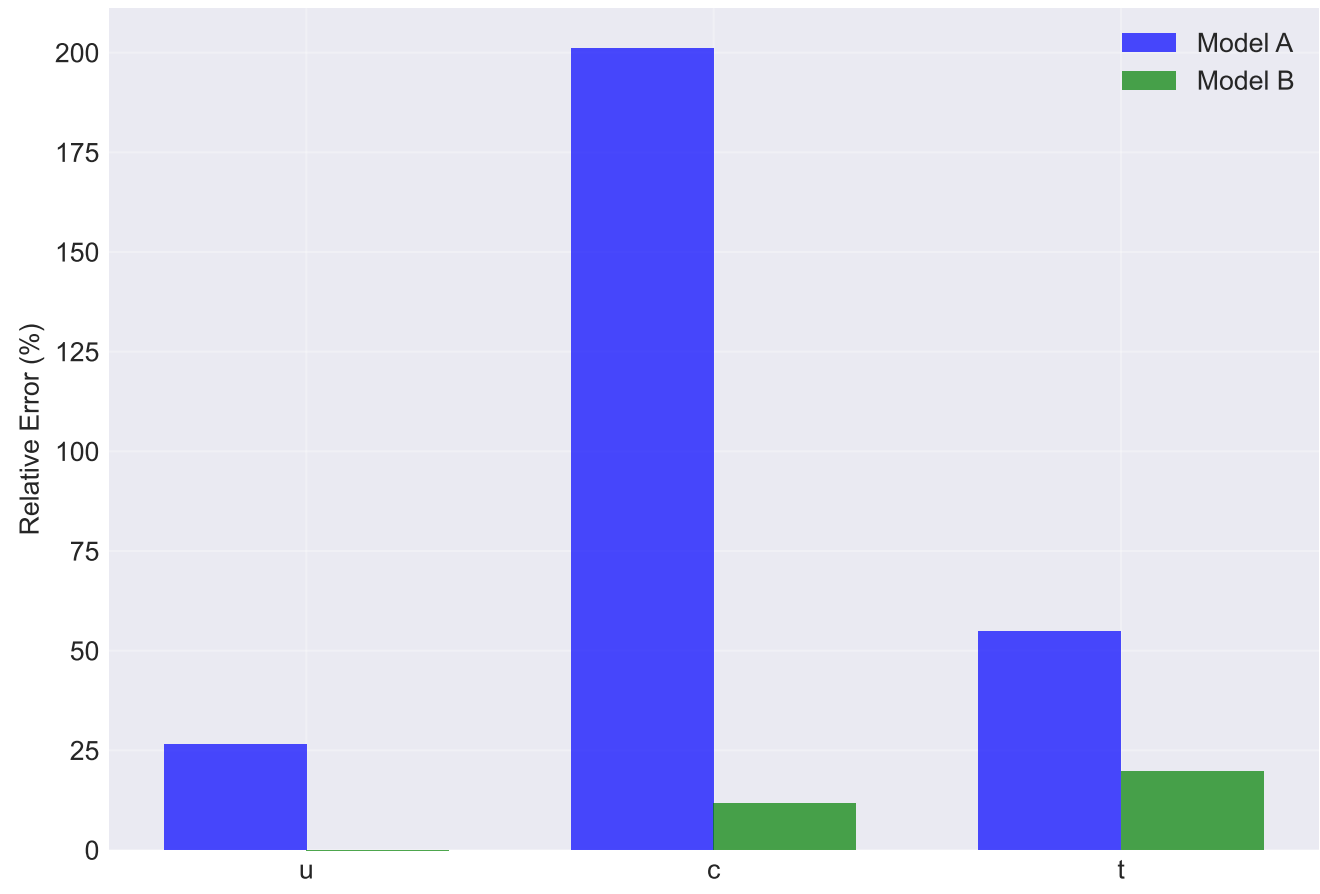
Model A: Power Law ( $q^p$ ) - up\_quarks



Model B: Golden Ratio ( $\phi^n$ ) - up\_quarks



Prediction Errors



Model Comparison: up\_quarks

Model A (Power Law):

- Parameters:  $A=1.59e+00$ ,  $p=4.347$
- Mean Error: 94.07%
- RMS Error: 121.22%
- $\chi^2/\text{dof}$ : 4.408
- BIC: 6.61

Model B (Golden Ratio):

- Parameters:  $m_0=2.1600$  MeV
- Mean Error: 10.45%
- RMS Error: 13.23%
- $\chi^2/\text{dof}$ : 0.026
- BIC: 1.15
- Max n deviation: 0.4575

$\Delta\text{BIC} = 5.45$

Positive preference for Model B