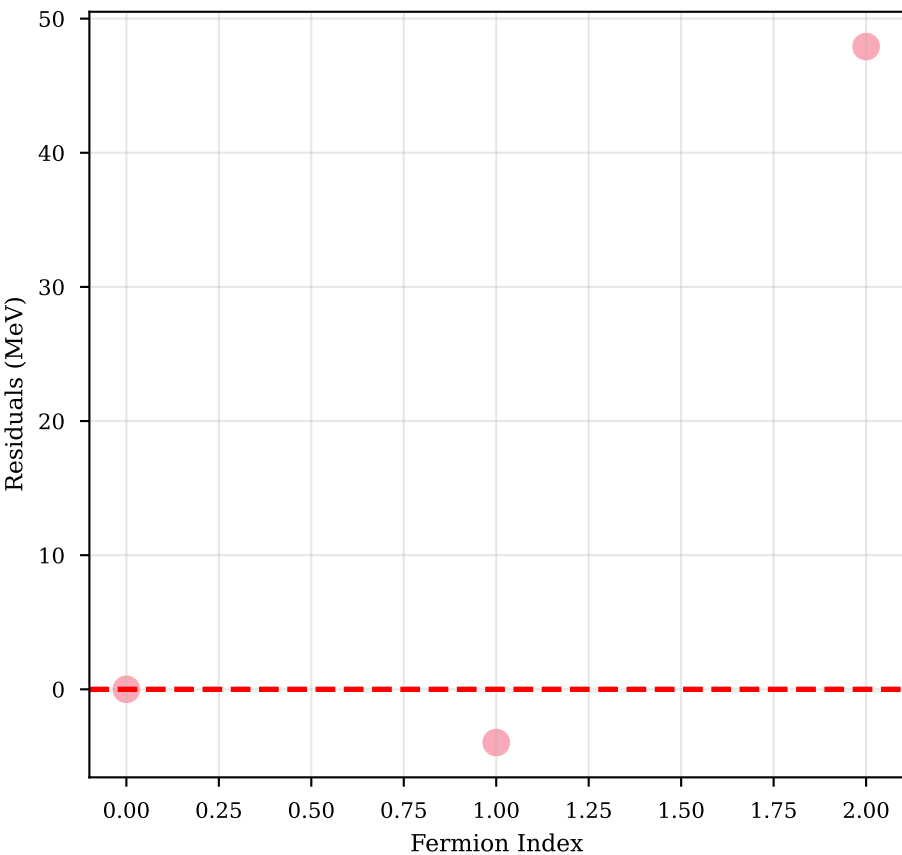
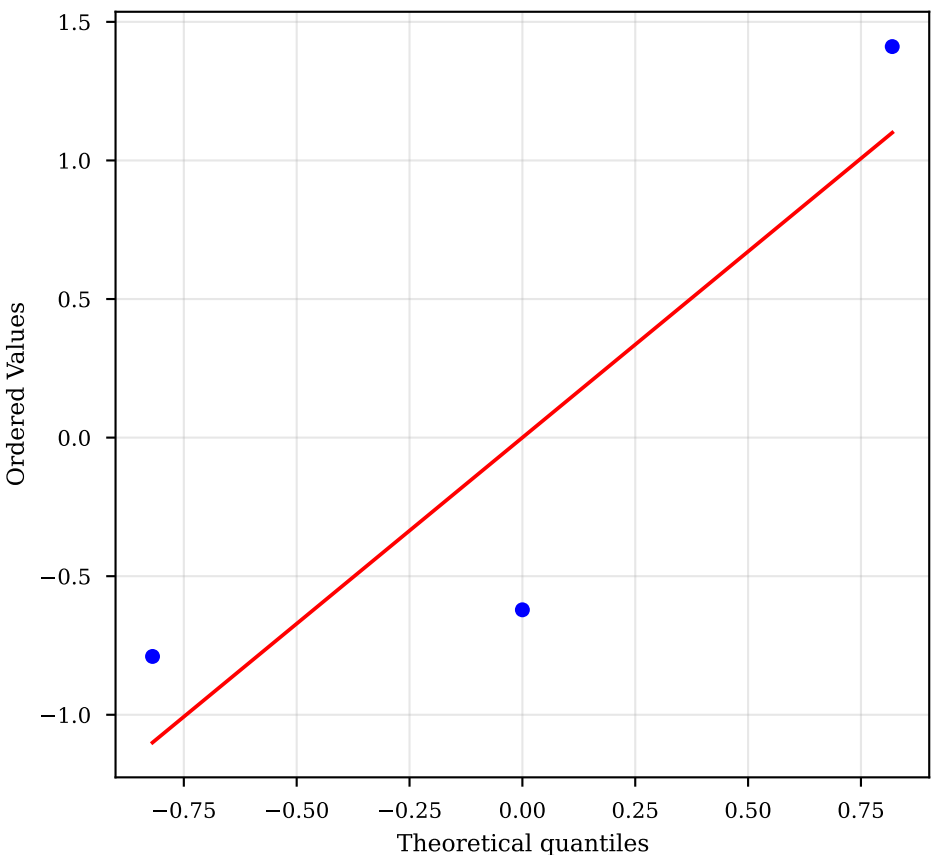


GPU-Accelerated Diagnostic Plots - LEPTONS

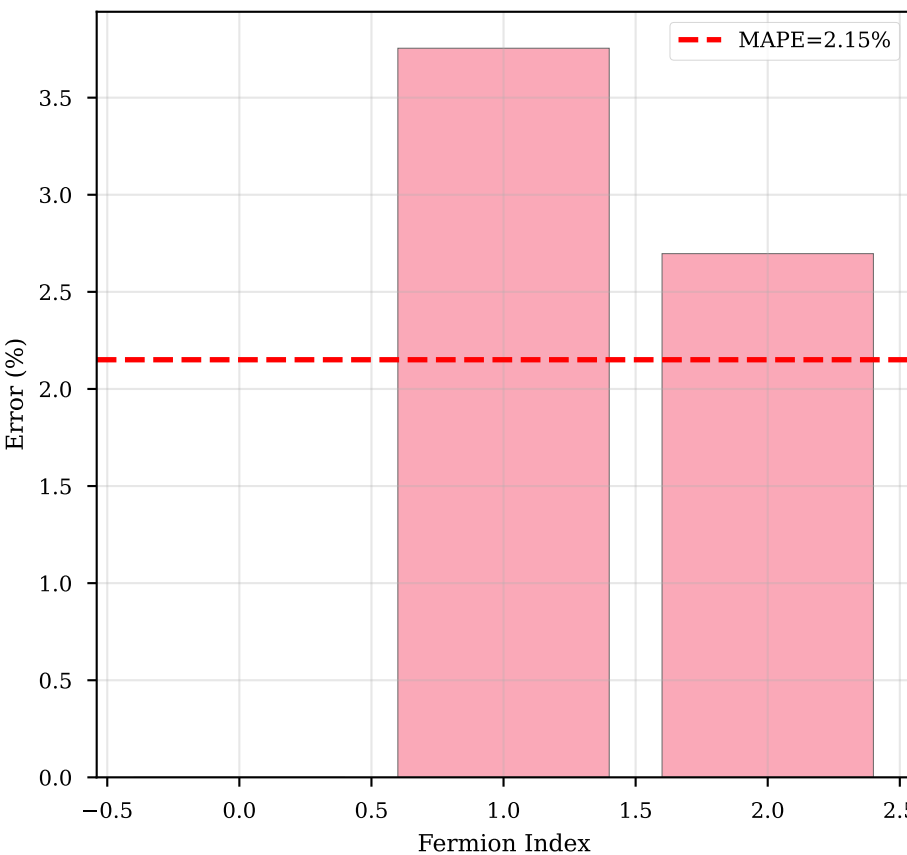
Residuals Plot



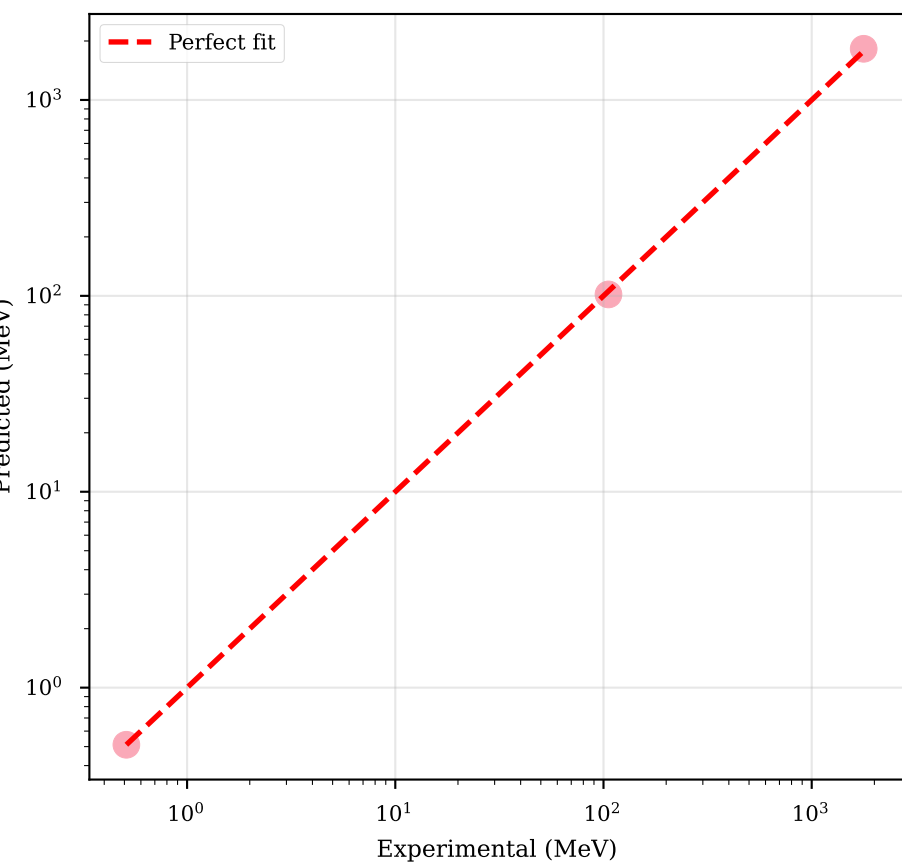
Q-Q Plot



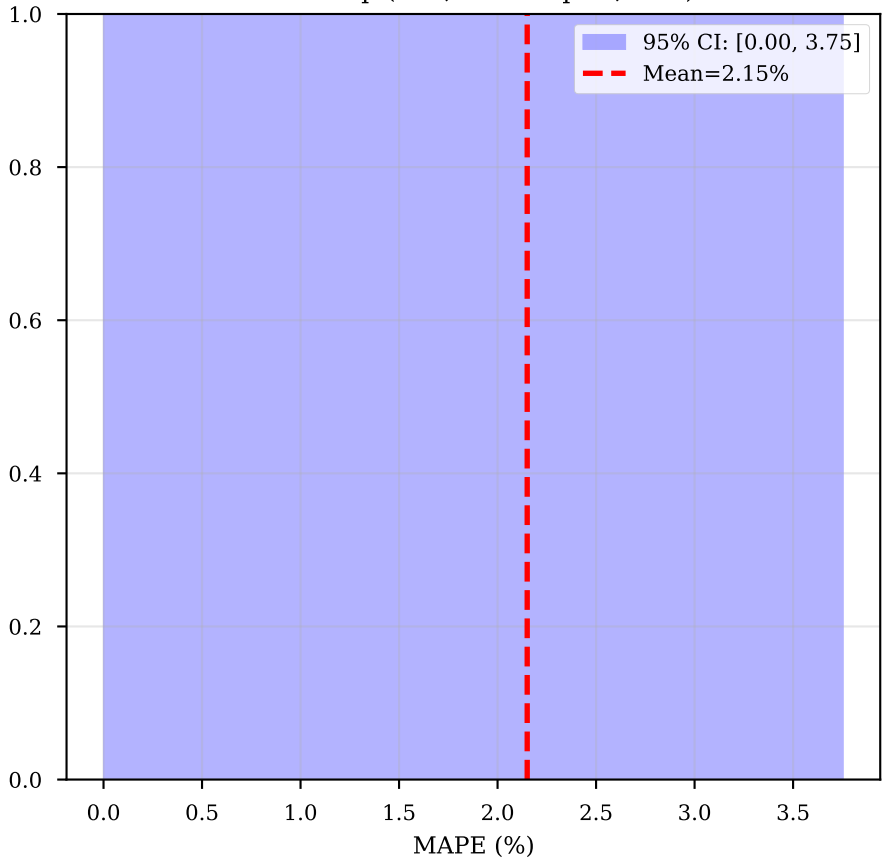
Percent Errors



Predicted vs Observed



Bootstrap (100,000 samples, 0.0s)



GPU-ACCELERATED RESULTS

MAPE: 2.15%
Chi2/dof: 1487451197253.000
R2: 0.9988

Shapiro-Wilk p: 0.1313

Bootstrap (GPU):
Samples: 100,000
Time: 0.03s
Speed: 3,650,044/s
CI: [0.00, 3.75]%

Permutation (GPU):
Tests: 100,000
Time: 0.07s
Speed: 1,338,790/s
p-value: 0.166260