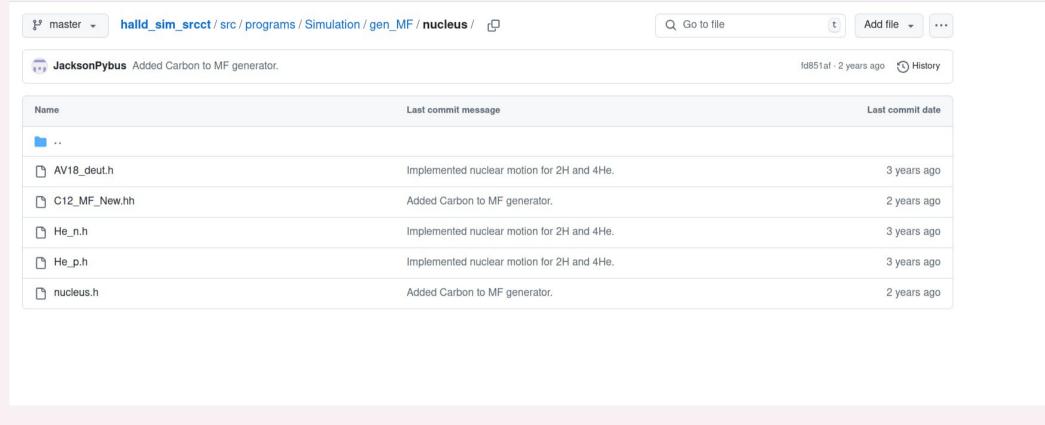
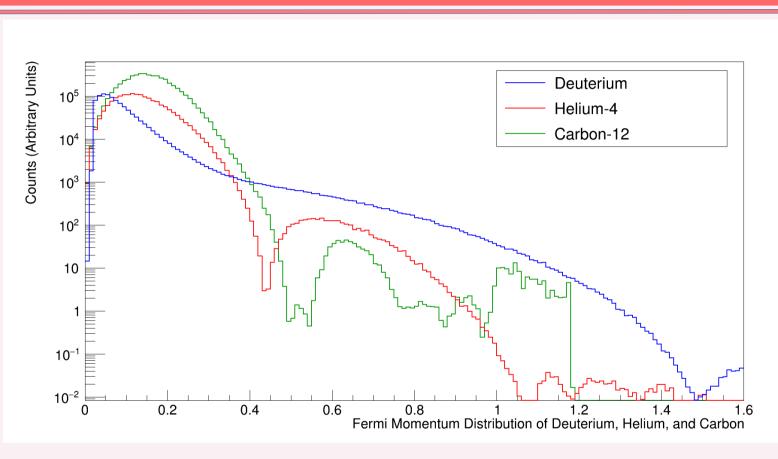
Mean Field Generator

MF Generator



1

Fermi Momentum distribution used in the simulation



Generated 10^6 events.

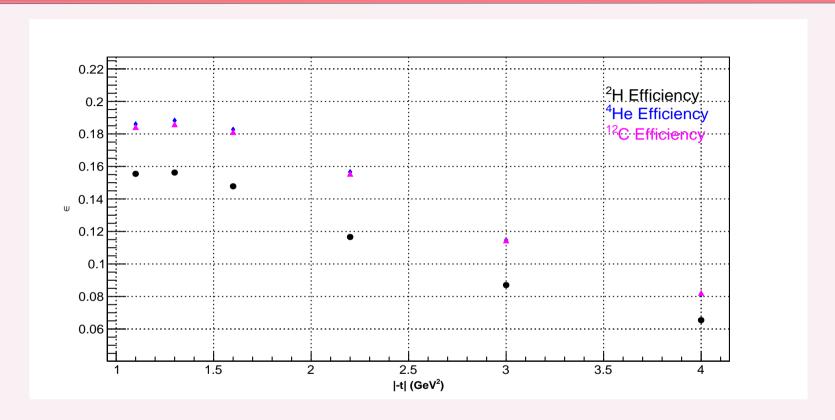
Correction factor Deuterium = 1.00

Helium = 0.84

Carbon = 0.81

Correction Factor = (Number of detected events) / (Number of generated events × Atomic Number)

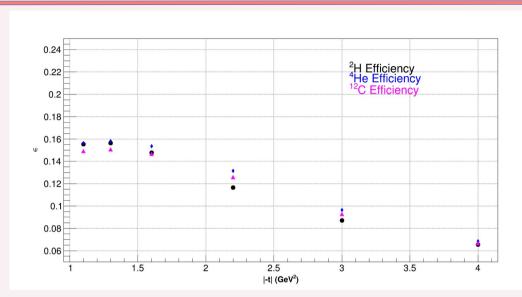
Efficiency: Before Applying Correction



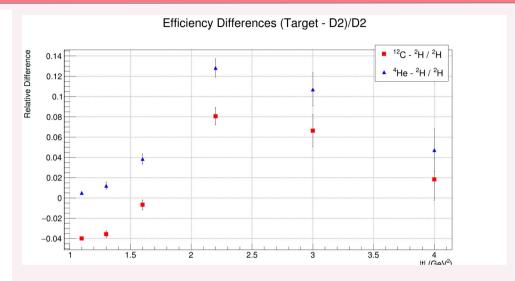
Note: Efficiency was calculated as the ratio of reconstructed events to thrown events.

Thrown events do not include any selection cuts; in particular, no missing momentum cut was applied to the thrown events.

Efficiency After Applying Correction



Corrected Efficiencies



Uncertainty in efficiency for events with Pmiss < 250 MeV (Deuterium) and Pmiss <350 (Helium and Carbon).