

Abstract Submitted  
for the DNP06 Meeting of  
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**Momentum Corrections for Charged Particles Photoproduced on**<sup>1</sup> CHRISTIAN SHULTZ, RICHARD BONVENTRE, ELLIOT IMLER, MICHAEL VINEYARD, Union College, CLAS COLLABORATION — Momentum corrections have been implemented and tested for charged particles photoproduced on Hydrogen and Helium targets in the CEBAF Large Acceptance Spectrometer (CLAS) at the Thomas Jefferson National Accelerator Facility. This is part of a systematic study of meson photoproduction from the proton and Helium with the goal of investigating possible nuclear medium modifications of nucleon resonances and meson-nucleon interactions. The momenta of charged particles detected in CLAS are corrected for energy losses in the cryogenic targets and start counter by integrating a FORTRAN code written for this purpose into our C++ analysis code. The analysis will be described and the effects of the corrections on momentum and missing mass distributions will be presented.

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