Abstract Submitted
for the DNP10 Meeting of
The American Physical Society

Two-Body Photodisintegration of ^{3}He between 7 and 16 MeV[1] W. TORNOW, Duke University & TUNL, H.J. KARWOWSKI, UNC & TUNL, J.H. KELLEY, NCSU & TUNL, R. RAUT, G. RUSEV, S.C. STAVE, A.P. TONCHEV, Duke University & TUNL — Data are reported for the two-body photodisintegration cross section of ^{3}He between 7 and 16 MeV in 1 MeV energy steps. The measurements were performed at TUNL's High-Intensity Gamma-ray Source (HIGS) using mono-energetic photon beams. A ^{3}He/Xe high-pressure gas scintillator served as target and detector. A NaI detector was used for the incident photon flux determination. Our data are in good agreement with recent theoretical calculations, but differ significantly from the majority of the previous data, including the recent data of Naito *et al.* [1] obtained with a mono-energetic photon beam and a time-projection chamber.

[1] S. Naito *et al.*, Phys. Rev. C **73**, 034003 (2006).

[1]Supported in part by DOE grants DE-FG02-97ER41033, DE-FG02-97ER41041 and DE-FG02-97ER41042.

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Date submitted: 30 Jun 2010 Electronic form version 1.4