

Abstract Submitted
for the HAW09 Meeting of
The American Physical Society

One Proton Knockout from ^{83}As ¹ J.L. PALARDY, B.A. HARTL, L.A. RILEY, Ursinus College, T.R. BAUGHER, D. BAZIN, A. GADE, T. GLASMACHER, G.F. GRINYER, S. MCDANIEL, R.T. MEHARCHAND, A. RATKIEWICZ, K.A. WALSH, D. WEISSHAAR, National Superconducting Cyclotron Laboratory, Michigan State University — We present a one-proton knockout measurement from the $N = 50$ nucleus ^{83}As , conducted at the National Superconducting Cyclotron Laboratory at Michigan State University (NSCL). A cocktail beam composed primarily of ^{82}Ge (56%) and ^{83}As (35%) was produced through fragmentation of a ^{86}Kr beam incident on a ^9Be primary target. Incoming beam particles are identified by time of flight, and reaction products are identified with the S800 Magnetic Spectrograph. Gamma rays from the beam-like reaction products were captured by the Segmented Germanium Array (SeGA). Preliminary results will be discussed.

¹This work was supported by the National Science Foundation under Grant Nos. PHY-0653323 and PHY-0606007.

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Date submitted: 24 Jul 2009

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