Abstract Submitted for the HAW09 Meeting of The American Physical Society

Measurement of tensor analyzing powers of pd capture at RCNP KENSHI SAGARA, Kyushu University, YUJI TAMESHIGE, KICHIJI HATANAKA, ATSUSHI TAMII, RCNP, SHO KUROITA, Kyushu University, HIROAKI MATSUBARA, HIROYUKI OKAMURA, RCNP, KIMIKO SEKIGUCHI, RIKEN, YASUYUKI SAKEMI, Tohoku Univ., KUNIHIRO FUJITA, TOMOTSUGU WAKASA, Kyushu Univ., TAKAHIRO KAWABATA, Kyoto Univ., YOHEI SHIMIZU, CNS, YUKIE MAEDA, Miyazaki Univ. — Tensor analyzing powers A_{xx} , A_{yy} and A_{zz} of pd radiative capture at $E_d = 196$ MeV were measured again at RCNP. Results are basically consistent with our previous data, i.e., A_{xx} and A_{zz} are about twice larger in their absolute values than theoretical predictions. Similar discrepancy has been found also at $E_d = 137$ MeV.

Kenshi Sagara Kyushu University

Date submitted: 01 Jul 2009 Electronic form version 1.4