

Abstract Submitted
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Systematic measurement of “star anomaly” in pd breakup around 10 MeV K. YASHIMA, K. SAGARA, Kyushu University, Y. MAEDA, Miyazaki University, S. KUROITA, H. SHIMODA, T. SUETA, Y. EGUCHI, T. SHISHIDO, T. YABE, Kyushu University, KUTL FEW-BODY TEAM — In 3-nucleon breakup around 10 MeV, there is cross section anomaly when three outgoing nucleons form an equilateral triangle (star configuration) perpendicular to the beam axis. We have measured pd breakup cross section at various star configurations which are inclined to the beam axis, and compared the data with recent pd breakup calculations. Angular dependence and energy dependence of star anomaly will be discussed.

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