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Systematic measurement of quasi-free scattering in pd breakup
YUICHIRO EGUCHI, KENSHI SAGARA, SHO KUROITA, KEISUKE YASHIMA,
TAKURO SHISHIDO, TATSUYA YABE, Kyushu
University, SOUICHI ISHIKAWA, Hosei University — Space-star anomaly in Nd
breakup cross section is well known. There were reports on anomaly in quasi-free
scattering (QFS) cross section in nd breakup reaction. We measured QFS cross
section in pd breakup reaction, and compared the data with recent pd calculations.
It was found that experimental QFS cross sections in nd/pd breakup reaction are
higher/lower than calculations, respectively.

Yuichiro Eguchi
Kyushu University

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