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Cross section enhancement in pd breakup at $E_p=250$ MeV SHO KUROITA, KENSHI SAGARA, YUICHIRO EGUCHI, KEISUKE YASHIMA, TAKURO SHISHIDO, TATSUYA YABE, MASANORI DOZONO, YUKIKO YAMADA, TOMOTSUGU WAKASA, TETSUO NORO, Kyushu University, HIROAKI MATSUBARA, JUZO ZENIHIRO, ATSUSHI TAMII, HIROYUKI OKAMURA, KICHIJI HATANAKA, RCNP, Osaka University, TORU SAITO, YUKIE MAEDA, University of Miyazaki, HIROYUKI KAMADA, Kyushu Institute of Technology, YUJI TAMESHIGE, NIRS — Up to a few times enhancement of pd breakup cross section was found in our inclusive experiment of $^2H(p,p_1)pn$ at $E_p=250$ MeV. The enhancement around $E_{p_1}=150$ MeV has been investigated in our exclusive experiment $^2H(p,p_1p_2)n$ at the same incident energy in the range of $\theta_2=35^\circ-80^\circ$. We found that the exclusive cross section enhancement depend on θ_2 . Enhancement of pd elastic scattering cross section has been found also at the incident energy.

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