Systematic measurements of discrepancy in *pd* breakup cross section at 250 MeV

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Beam tuning	:0.5 days
Tuning of Liquid D_2/H_2 target	:0.5 days
Measurement of ^{2}H$(p,pp)n$ reaction's σ	:4.5 days
Measurement of ^{2}H$(p,p)pn$ reaction's σ	:2.0 days
Calibration of absolute cross section	:0.5 days
Total	:8.0 days

Ring : WS course (LAS + GR)

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Investigation of three-nucleon forces (3NF) is a fundamental subject in nuclear physics. Strength of 2π-exchange 3NF (
We have already found some candidates for signs of SR3NF, that is, disagreements between experiments and calculatio
In *pd* and *nd* scattering cross section at $E_N = 250$ MeV and in *pd* breakup cross section at $E_{\vec{p}} = 247$ MeV, experiment
Disagreement in *pd* breakup cross section at intermediate energy was found first in our previous inclusive $^2\mathrm{H}(p, p_1)pn$ e
We propose, therefore, microscopic and systematic measurements of *pd* breakup cross section at $E_p = 250$ MeV. First,
Obtained data set will show clearly the feature of the discrepancy in *pd* breakup cross section. The data set will be use