E80 (PDBC) F.Sai
Measurements of dp Reaction in 2.0-4.0 GeV/c

Submitted	1980.4.8
Approved	1980.5.27
Beam line	K1
Shift requested	220k pictures
Shift executed	200k pictures
Executed cycles	81[6]

Papers and activities

[Legend]
- ● Physics papers published in refereed journal
- ○ Technical papers
- ★ PhD theses
- ◇ Conference and Symposium
- ∗ Internal Report and others

● N.Katayama et al.
Search for Enhancements in the Nucleon-Nucleon Mass Distributions in the dp Breakup Reaction in the Momentum Range 2.0-3.7 GeV/c
Nucl. Phys. A423 (1984) 410.

● N.Katayama et al.
Measurement of dp Cross Sections in the Momentum Range 2.0-3.7 GeV/c
Nucl.Phys. A438 (1985) 685.

● F.Sai et al.
Interpretation of the Breakup Reaction dp → ppn in the Incident-Deuteron-Momentum Range 2.0-3.7 GeV/c in Terms of Free np Scattering
Phys.Rev. Lett. 55 (1985) 2668.

● T.Tsuboyama et al.
Study of the np → ppπ^- Reaction in the Incident Neutron Momentum Range 1.0-1.9 GeV/c
Nucl.Phys.A486 (1988) 669.

● T.Tsuboyama et al.
Double-pion production induced by deuteron-proton collisions in the incident deuteron momentum range 2.1 - 3.8 GeV/c
Phys. Rev. C62 (2000) 034001, 9 pages.

★ N.Katayama et al.
Study of dp Interactions in the Deutron Momentum Range 2.0-3.7 GeV/c
University of Tokyo, 1985

★ T.Tsuboyama
Study of π^- Production by the Deuteron-Proton Interaction in the Incident Momentum Range 2.0-3.8 GeV/c
University of Tokyo, 1986

◇ M. Kajita et al.
Study of Deuteron-Proton Interactions in the Incident Momentum Range of 2.0 - 3.7GeV/c
Proc. of 1983 INS Int. Symp. on High Energy Photo-Nuclear Reactions and Related Topics, Ed. S. Homma and F. Sakata (1984) 329.

◇ F.Sai
Study of dp Breakup Reaction in the Momentum Range 2.0-3.7 GeV/c
Proc. of Workshop on Physics with Polarized Beam, KEK Report 84-22(1985) 84.

● Physics papers published in refereed journal.
○ Technical papers.
★ PhD theses.
◇ Conference and Symposium.
∗ Internal Report and others.

◇ T.Tsuboyama et al.
Study of the npppp- Reaction in the Incident Neutron Momentum Range of 1.0 - 1.9GeV/c
Eleventh Int. IUPAP Conf. on Few Body Systems in Particle and Nuclear Physics (1986) 50.
◇ T.Tsuboyama et al.
Study of dp Double Pion Production in the Incident Momentum Range Region 2 - 3.8 GeV/c
12th Int. IUPAP Conf. on Few Body Problems in Physics, Ed.P. K. Jennings, (1989) E-30.

● Physics papers published in refereed journal.
○ Technical papers.
★ PhD theses.
◇ Conference and Symposium.
∗ Internal Report and others.