

**E125 (DD) S. S. Yamamoto**  
**Studies of dd Interaction in the Range of 2-4 GeV/c**

Submitted	1983.9.30
Approved	1984.2.17
Beam line	$\pi 2$
Shift requested	110
Shift executed	50.9
Executed cycles	85[7,8,9,10]

**Papers and activities**

[Legend]

- Physics papers published in refereed journal
  - Technical papers
  - ★ PhD theses
  - ◇ Conference and Symposium
  - \* Internal Report and others
- T.Kishida et al.  
Measurement of Deuteron-Deuteron Total Cross Sections in the Incident Momentum Range 1.5-4.0 GeV/c  
Phys. Rev. C41 (1990) 180.
  - T.Kishida et al.  
Measurement of d-C and d-Al Total Cross Sections in the Incident Momentum Range 2.0-4.0 GeV/c  
Phys.Rev.C45 (1992) 2926.
  - M.Kuze et al.  
An Automatic Wire-Winding Machine for MWPC's  
Japan J. App. Phys. 26 (1987) 1348.
  - K.Ishikawa et al.  
Study of Adhesives for Fabricating Liquid Deuterium Targets  
Nucl. Instr. Meth. A270 (1988) 6.
  - K.Ishikawa et al.  
The Pressure Control System for a Liquid Deuterium Target  
Japan. J. App. Phys. 28 (1989) 495.
  - ★ T.Kishida  
Measurement of Deuteron-Deuteron, Deuteron-Carbon and Deuteron-Aluminum Total Cross Sections in the Incident Momentum Range 1.5-4.0 GeV/c  
University of Tokyo, 1989
  - ◇ T. Kishida et al.  
Measurement of d-d Total Cross Sections in the Incident Momentum Range of 1.5-4.0 GeV/c  
Eleventh International IUPAP Conference on Few Body Systems in Particle and Nuclear Physics, (1986) 70.
  - ◇ T. Kishida et al.  
Measurement of d-d d-C and d-Al Total Cross Sections in the Incident Momentum Range of 1.5-4.0 GeV/c  
XI International Conference on Particles and Nuclei, (1987) 278.
  - ◇ T. Kishida et al.  
Measurement of d-d d-C and d-Al Total Cross Sections in the Incident Momentum Range of 1.5-4.0 GeV/c

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  - \* Internal Report and others.

17th INS International Symposium on Nuclear Physics at Intermediate Energy, (1988) 112.

\*久世正弘

MWPC 自動製作装置の開発

修士論文：東京大学 1987年

\*石川克己

液体重陽子ターゲットのための接着剤の研究

修士論文：東京大学 1987年

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○ Technical papers.

★ PhD theses.

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