

**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
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- T.Tsuboyama et al.  
 Study of the  $np \rightarrow pp\pi^-$  Reaction in the Incident Neutron Momentum Range 1.0-1.9GeV/c  
 Nucl. Phys. A486 (1988) 669.
  - 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

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