E83 (πD) Y.Sumi

Dibaryon Resonance in πD Scattering

| Submitted  | 1980.9.10 |
| Approved   | 1980.10.14 |
| Beam line  | π^2       |
| Shift requested | 95 |
| Shift executed | 107.1 |
| Executed cycles | 81[11,12,13], 82[1,2,3,4,6,7,8,9,10] |

Papers and activities

[Legend]

- Physics papers published in refereed journal
- Technical papers
- PhD theses
- Conference and Symposium
- Internal Report and others

- M.Akemoto et al.
  Confirmation of Dip-Bump Structure in Backward π D Elastic Scattering
  Possible Evidence for Dibaryon Resonances

- M.Akemoto et al.
  Pion-Deuteron Elastic Scattering at Large Angles for Momenta from 460 to 1160 MeV/c

- M.Akemoto et al.
  Measurement of the Differential Cross Section for the Reaction π^+d → p+p at Momenta Between 0.48 and 1.16 GeV/c

- Y.Sumi and S.Uehara
  Dibaryon Resonance in Pion-Deuteron Scattering

- I.Endo et al.
  Systematic Shifts of Evaluated Charge Centroid for the Cathode Read-out Multiwire Proportional Chamber

- M.Akemoto
  Experimental Study of the Reaction π^+d → p+p at Pion Momenta Between 0.48 and 1.16 GeV/c
  Hiroshima University, 1984

- S.Uehara
  Pion-Deuteron Elastic Scattering for Momenta from 0.42 to 1.16 GeV/c
  Hiroshima University, 1984

- S.Uehara
  Measurement of the Differential Cross Section for the Processes π’d → π’d and π’d → pp at Momenta from 0.42 to 1.16 GeV/c
  INS Int'l Symp. on High Energy Photon-Nuclear Reactions and Related Topics,
  Tokyo, Sept. 1983

- S.Uehara and Y.Sumi
  Pion-Deuteron Scattering and Dibaryons
  10-th PANIC
Physics papers published in refereed journal.

Technical papers.

PhD theses.

Conference and Symposium.

Internal Report and others.

M.Akemoto et al.
Measurement of π⁺d → pp Between 0.48 and 1.16 GeV/c
10-th PANIC