

E83 (π D) Y.Sumii

Dibaryon Resonance in π D Scattering

Submitted	1980.9.10
Approved	1980.10.14
Beam line	$\pi 2$
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
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- M.Akemoto et al.
Confirmation of Dip-Bump Structure in Backward π D Elastic Scattering
Possible Evidence for Dibaryon Resonances
Phys. Rev. Lett. 50 (1983) 400.
 - M.Akemoto et al.
Pion-Deuteron Elastic Scattering at Large Angles for Momenta from 460 to 1160 MeV/c
Phys. Rev. Lett. 51 (1983) 1838.
 - M.Akemoto et al.
Measurement of the Differential Cross Section for the Reaction $\pi^+d \rightarrow p+p$ at Momenta Between 0.48 and 1.16 GeV/c
Phys. Lett. 149B (1984) 321.
 - Y.Sumii and S.Uehara
Dibaryon Resonance in Pion-Deuteron Scattering
Prog. Theor. Phys. 75 (1986) 646.
 - I.Endo et al.
Systematic Shifts of Evaluated Charge Centroid for the Cathode Read-out Multiwire Proportional Chamber
Nucl. Instr. Meth. 188 (1981) 51.
 - ★ M.Akemoto
Experimental Study of the Reaction $\pi^+d \rightarrow p+p$ 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 $\pi^-d \rightarrow \pi^-d$ and $\pi^+d \rightarrow pp$ 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.Sumii
Pion-Deuteron Scattering and Dibaryons
10-th PANIC

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- Physics papers published in refereed journal.
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- ◇ M.Akemoto et al.
Measurement of $\pi^+d \rightarrow pp$ Between 0.48 and 1.16 GeV/c
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