

E135 (π I III) T. Tsuru : Meson Spectroscopy in π^-p Charge Exchange Reaction

Submitted	1984.9.29
Approved	1985.2.13
Beam line	$\pi 1$
Shift requested	150
Shift executed	96.2
Executed cycles	85[7,8,9,10], 86[1,3,4,5]

Papers and activities

[Legend]

- Physics papers published in refereed journal
 - Technical papers
 - ★ PhD theses
 - ◇ Conference and Symposium
 - * Internal Report and others
- S. Fukui et al.
Vector Resonances around 1.6 GeV/c of the $\eta\pi^+\pi^-$ System in the π^-p Charge Exchange Reactions at 8.95 GeV/c
Phys. Lett. 202 (1988) 441.
 - S. Fukui et al.
Study of $\omega\pi^0$ System in the π^-p Charge Exchange Reaction at 8.95 GeV/c
Phys. Lett. B257 (1991) 241.
 - S. Fukui et al.
Study on the $\eta\pi^+\pi^-$ in the π^-p Charge Exchange Reaction at 8.95 GeV/c
Phys. Lett. B267 (1991) 293.
 - ★ T. Iwata
A Study of $\eta\pi^+\pi^-$ System in the π^-p Charge Exchange Reactions at 8.95 GeV/c.
Nagoya University, 1987
 - ★ T. Kinashi
Study of $\omega\pi^0$ system in the π^-p charge exchange reaction at 8.95 GeV/c
Nagoya University, 1990
 - ◇ T. Tsuru
Experimental Review of Light Quark Spectroscopy Including Exotics with Hadronic Reactions.
Proc. of the Second International Conference on Hadron Spectroscopy, KEK, Japan, April 16-18, 1987(KEK Preprint 87-56, Aug. 1987) p233.
 - ◇ S. Fukui et al.
Study of the $\eta\pi^+\pi^-$ system in E/ π Region Produced by π^-p Charge Reaction a 8.95 GeV/c.
Proc. of the Second International Conference on Hadron Spectroscopy, KEK, Japan, April 16-18, 1987(KEK Preprint 87-56, Aug. 1987) p477.
 - ◇ S. Fukui et al.
Further Study on the $\eta\pi^+\pi^-$ System in the π^-p Charge Exchange Reaction at 8.95 GeV/c
Contributed Paper at the XXIV International Conference on High Energy Physics, August 4-10, 1988 Mnich
 - ◇ T. Inagaki
A Series of Experiment at KEK for Light Quark Meson Spectroscopy,E64/121/135
Proc. of BNL Workshop on Glueballs, Hybrids and Exotic Hadrons, Aug. 29 - Sept. 1, 1988, AIP Conf. Proc. 185 (1988) 356, KEK 89-3

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

- ◇ A. Ando et al.(presented by K.Ohmi)
Axial Vector Resonances a_1 and h_1 of $\pi^+\pi^-\pi^0$ Systems in π^-p Charge Exchange Reaction at 8.06 GeV/c
Invited Talk at Rheinfels Workshop on Hadron Mass Spectrum, St. Goar on the Rhine(FRD), Sept.3-6, 1990, Nucl. Phys. B21 (Proc. Suppl.) (1991) 98.
- ◇ S. Fukui et al. (presented by T. Tsuru)
Study on the $\omega\pi^0$ and $\eta\pi^-$ Systems in the π^-p Reaction at KEK
Invited Talk at Rheinfels Workshop on Hadron Mass Spectrum, St. Goar on the Rhine(FRD), Sept.3-6, 1990, Nucl. Phys. B21 (Proc. Suppl.) (1991) 168.
- ◇ S. Fukui et al. (presented by T. Kinashi)
Partial Wave Analysis, $\pi^-p \rightarrow \omega\pi^0n$
Proc. Int. Conf. on Hadron Spectroscopy, Hadron91, Aug. 12-16 (1991), College Park, World Scientific (1992) 40.
- ◇ A. Ando et al. (presented by T. Tsuru)
Mass and Width of $a_1(1260)$ in π^-p Charge Exchange Reaction
Proc. Int. Conf. on Hadron Spectroscopy, Hadron91, Aug. 12-16 (1991), College Park, World Scientific (1992) 455.
- ◇ K. Ohmi
 a_1 and h_1 in the π^-p Charge Exchange Reaction
Proc. 3rd Workshop on Light Quark Meson Spectroscopy, Feb 28-29, 1992, KEK, KEK Proceedings 92-8 (1992) 14.
- ◇ H. Shimizu
 $\pi^0\pi^0$ and σ Meson
Proc. 3rd Workshop on Light Quark Hadron Spectroscopy, Feb. 28-29 1992, KEK, KEK Proceedings 92-8 (1992) 101.
- * A. Ando et al.
Electron Beam Test of the Active Converter Device
KEK-79-21,1979.
- * T. Iwata
 π^-p Hannou ni yoru $\pi^+\pi^-\eta$ Joutai no Kenkyu
Proc.of the Symposium on Hadron Spectroscopy, KEK, Jan. 8-9, 1987.
- * T. Tsuru
Short Review of Light Quark Spectroscopy
Proc.of the Symposium on Hadron Spectroscopy, KEK, Jan. 8-9, 1987.
- * K. Takamatsu
Meson Spectroscopy - Exotic Search
Proc.of the Workshop on 12 GeV PS Experiments, KEK Oct.12 - 13,1987.
- * J. Iizuka
Light Meson Spectroscopy ni kansuru shomondai
Proc.Meeting for Studies on Meson Spectroscopy in 1 - 2 GeV Region,KEK,Aug.8-10,1989.
KEK Report 90-6(1989)11.
- * T Nakaura
 $\pi\pi$ Analysis IV - S(750) Resonance
Proc.Meeting for Studies on Meson Spectroscopy in 1 - 2 GeV Region,KEK,Aug.8-10,1989.
KEK Report 90-6(1989) 19.
- * K. Takamatsu
1.2-1.5GeV/c² Ryouiki no Pseudoscalar, Axialvector tyukanshi - e^+e^- , $\gamma\gamma$, Hadron hannou ni okeru Jikken kekka -
Proc.Meeting for Studies on Meson Spectroscopy in 1-2 GeV Region, KEK, Aug.8-10, 1989.
KEK Report 90-6 (1989) 48
- * K. Takamatsu
Meson Spectroscopy no kenkyu - Exotic joutai no tansaku
Gakujutsu Geppou Vol.34, 4 (1990) 349.

● Physics papers published in refereed journal.

○ Technical papers.

★ PhD theses.

◇ Conference and Symposium.

* Internal Report and others.

- * K. Takamatsu
Exotic Tyuukanshi Tansaku - GAMS kyoudou kennkyuu-
High Energy Quarterly, Vol.9, 3(1992) 94.

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