

**E369 T. Nagae**  
**Structure of  $^{89}_{\Lambda}Y$  via the  $(\pi^+, K^+)$  reaction**

Submitted	1995.6.27
Approved	1996.7.16
Beam line	K6
Shift requested	100
Shift executed	124
Executed cycles	97[3-1,3-2,4-1,4-2]

**Papers and activities**

[Legend]

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

- O. Hashimoto et al.  
Structure of light  $\Lambda$  hypernuclei and the  $\Lambda N$  interaction  
Nucl. Phys. A 629 (1998) 405c.
- O. Hashimoto et al.  
The  $(\pi^+, K^+)$  reaction and light  $\Lambda$  hypernuclear spectroscopy  
Nucl. Phys. A 639 (1998) 93c.
- T. Takahashi et al.  
Spectroscopy of light  $\Lambda$  hypernuclear  
Nucl. Phys. A 670 (2000) 265c.
- H. Hotchi et al.  
Spectroscopy of medium-heavy  $\Lambda$ -hypernuclei via  $(\pi^+, K^+)$  reaction,  
Phys. Rev. C 64 (2001) 044302.
- J.H. Kim et al.  
Neutron energy spectra from the nonmesonic weak decay of  $^{12}_{\Lambda}C$  and  $^{89}_{\Lambda}Y$  hypernuclei  
Phys. Rev. C 68 (2003) 065201.
- T. Nagae  
Progress in hypernuclear physics  
Eur. Phys. J. A 18 (2003) 283.
- ★ H. Hotchi  
Spectroscopy of medium-heavy  $\Lambda$ -hypernuclei via the  $(\pi^+, K^+)$  reaction  
University of Tokyo, 2000.
- ★ J.H. Kim  
Nonmesonic Weak Decay of  $^{12}_{\Lambda}C$  and  $^{89}_{\Lambda}Y$  hypernuclei  
Seoul National University, 2003.
- ◇ T. Nagae et al.  
Structure of  $^{89}_{\Lambda}Y$  Measured with the SKS Spectrometer  
Proc. APCTP Workshop on Strangeness Nuclear Physics (SNP'99), Seoul, February 19-22, 1999.  
Strangeness Nuclear Physics, eds. I. T. Cheon, S.W. Hong and T. Motoba (World Scientific, 2000) 110.
- ◇ O. Hashimoto et al.

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Reaction Spectroscopy of  $\Lambda$  Hypernuclei

Proc. APCTP Workshop on Strangeness Nuclear Physics (SNP'99), Seoul, February 19-22, 1999.  
Strangeness Nuclear Physics, eds. I. T. Cheon, S.W. Hong and T. Motoba (World Scientific, 2000) 116.

- ◇ T. Nagae  
Structure of a  $\Lambda$ -hypernucleus  $^{89}_{\Lambda}\text{Y}$  measured with the SKS spectrometer  
Nucl. Phys. A 670 (2000) 269c.
- ◇ T. Nagae  
Overview of the results on  $\Lambda$ -hypernuclei spectroscopy with the SKS  
Nucl. Phys. A 691 (2001) 76c.
- ◇ H.C. Bhang et al.  
Overview of  $\Lambda$ -hypernuclear Weak decay results with the SKS  
Nucl. Phys. A 691 (2001) 156c.
- ◇ T. Nagae et al.  
Properties of L in  $^{89}_{\Lambda}\text{Y}$   
Proc. Int. Nucl. Phys. Conf. INPC2001, Berkeley, USA, July 2001.

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