

E509 K. Tanida

Gamma-ray spectroscopy of hyperfragments using stopped K^- method.

Submitted	2002.2.20
Approved	2002.3.18
Beam line	K5
Shift requested	70 (10 detector tuning + 10 calibration runs + 50 data taking)
Shift executed	41
Executed cycles	02[1]

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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- O. Hashimoto and H. Tamura
Spectroscopy of Λ hypernuclei
Prog. Part. Nucl. Phys. 57 (2006) 564-653.
 - ◇ K. Imai and L. Zhu
Hypernuclear gamma ray spectroscopy by stopping K^-
Proc. Int. Conf. on Hypernuclear and Strange Particle Physics, (HYP2000), Torino, October 2000,
Nucl. Phys. A691 (2001) 127.
 - ◇ K. Tanida et al.
High-resolution gamma-ray spectroscopy of hyperfragments produced by stopped K^- reactions
16th International Conference on Particles and Nuclei (PANIC 02), Osaka, Japan, Sep 30 - Oct 4,
2002, Nucl. Phys. A721 (2003) 999c.
 - ◇ K. Miwa et al.
High-resolution γ -ray spectroscopy of hyperfragments produced by stopped K^- reactions
Int. Symp. on Electrophoto-production of Strangeness on Nucleons and Nuclei (SENDAI03),
Sendai, Japan, Jun 15-18, 2003, in press.
 - ◇ H. Tamura et al.
Gamma-Ray Spectroscopy of Hypernuclei
Int. Symp. on Electrophoto-production of Strangeness on Nucleons and Nuclei (SENDAI03),
Sendai, Japan, Jun 15-18, 2003, in press.
 - ◇ K. Miwa et al.
High-resolution γ -ray spectroscopy of hyperfragments produced by stopped K^- reactions
VIII Int. Conf. on Hypernuclear and Strange Particle Physics (HYP2003), Newport News, USA, Oct
14-18, 2003, in press.
 - ◇ H. Tamura et al.
Gamma Spectroscopy in Λ Hypernuclei
VIII Int. Conf. on Hypernuclear and Strange Particle Physics (HYP2003), Newport News, USA, Oct
14-18, 2003, in press.
 - ◇ K. Miwa et al. (E509 collaboration),
High-resolution γ -ray spectroscopy of hyperfragments produced by stopped K^- reactions
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"
Sendai, June 15-18, 2003. World Scientific: 382-386 (2004)
 - ◇ K. Miwa et al.,
High-resolution γ -ray spectroscopy of hyperfragments produced from stopped K^-

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Proc. Int. Conf. on Hypernuclear and Strange Particle Physics (HYP2003), Jefferson Lab., October 14-18, 2003, Nucl.Phys. A754 (2005) 80c-85c.

* K. Tanida et al.

γ -ray spectroscopy of hyperfragments with stopped K^-
RIKEN Acc. Prog. Rep. 36 (2003) 92.

* K. Miwa

stopped K^- 法を用いたハイパーフラグメントからの γ 線分光
Master's Thesis, Kyoto University, March 2003.

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