E462 H. Outa
Exclusive Measurement of the Non-Mesonic Weak Decay of $^5\Lambda$He

E508 H.C.Bhang
Coincidence Measurement of the Weak Decay of $^{12}\Lambda$C

E462

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Papers and activities

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

● S. Okada et al
  Neutron and proton energy spectra from the non-mesonic weak decays of $^5\Lambda$He and $^{12}\Lambda$C

● B.H. Kang et al.
  Exclusive Measurement of the Non-Mesonic Weak Decay from $^5\Lambda$He

● M. J. Kim et al.
  Coincidence measurement of the nonmesonic weak decay of $^{12}\Lambda$C

● T. Maruta et al.
  Decay asymmetry in non-mesonic weak decay of light $\Lambda$-hypernuclei

● H. Bhang et al.
  The quenching of nucleon yields in the nonmesonic weak decay of $\Lambda$-hypernuclei and the three-body weak decay process

★ S. Okada
  Non-mesonic Weak Decays of $^5\Lambda$He and $^{12}\Lambda$C Hypernuclei in $(\pi^+, K^+)$ Reactions

★ B.H. Kang
  Nonmesonic Weak Decay of $^5\Lambda$He hypernucleus

● Physics papers published in refereed journal.
○ Technical papers.
★ PhD theses.
◇ Conference and Symposium.
* Internal Report and others.
Seoul National University, August 2004
★ S. Kameoka
Study of mesonic decay of $^5\Lambda$He and $^{12}\Lambda$C
Tohoku University, March 2004
★ M. Kim
Nonmesonic Weak Decay of $^{12}\Lambda$C hypernucleus
Seoul National University, February 2006
★ T. Maruta
Decay Asymmetry in Non-mesonic Weak Decay of Light $\Lambda$ Hypernuclei

The University of Tokyo, May 2006

◊ H. Outa et al.
Weak Decay of Light S-shell Hypernuclei $^3\Lambda$, $^4\Lambda$, $^5\Lambda$He and $^5\Lambda$He
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"

◊ S. Okada et al.
Neutron Energy Spectra form the Non-Mesonic Weak Decay of $^5\Lambda$He and $^{12}\Lambda$C Hypernuclei
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"

◊ B. H. Kang et al.
The n+p and n+n Coincidence Measurement of the Non-Mesonic Weak Decay of $^5\Lambda$He
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"

◊ T. Maruta et al.
Asymmetry in Non-Mesonic Weak Decay of Light Hypernuclei
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"

◊ S. Kameoka et al.
Measurement of the $\pi^-$ Decay Width of $^5\Lambda$He
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"

◊ H. Yim et al.
Measurement of $\pi^0$ Mesonic Decay Width ($\Gamma_{\pi^0}$) of $\Lambda$ Hypernuclei, $^5\Lambda$He and $^{12}\Lambda$C
Proceedings of the "Electrophotoproduction of Strangeness in Nucleons and Nuclei (SENDAI03)"

◊ H. C. Bhang et al.
Non-mesonic weak decay of $^5\Lambda$He and $^{12}\Lambda$C and the effect of FSI on its observables.

◊ M. J. Kim et al.
First Exclusive Measurement of the Non-Mesonic Weak Decay of $^{12}\Lambda$C

◊ H.C. Bhang et al.
Hypernuclear Weak Decay Experiment at KEK: Nucleon Inclusive measurement

◊ H. Outa et al.
Hypernuclear Weak Decay Experiment at KEK: n-n and n-p Coincidence Measurement

◊ T. Maruta et al.
Proton asymmetry in non-mesonic weak decay of light hypernuclei
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Measurement of the π decay width of $^5\Lambda$He

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π0 decay branching ratios of $^5\Lambda$He and $^{12}\Lambda$C hypernuclei

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Nucleon-nucleon coincidence measurement in the non-mesonic weak decay of $^5\Lambda$He and $^{12}\Lambda$C

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Signatures of the Three-body Process in the Weak Decay of $\Lambda$ hypernuclei.

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Three-body Weak Decay Process of Lambda Hypernuclei and its first Experimental Signatures.
Proceedings of INPC2007 (to be published).

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S. Kameoka  
Lifetime Measurement of $^5_{\Lambda}$He Hypernucleus  
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軽いハイパー各における非中間子弱崩壊の研究  
修士論文, 東京大学,  February 2003

J.I. Hwang  
The study of $\pi$’ absorption process with $^6$Li and $^{12}$C.  
Master Thesis, Ewha Womans University, February. 2003

H.J. Yim  
Measurement of $\pi^0$ mesonic weak decay branching ratio of $^5_{\Lambda}$He and $^{12}_{\Lambda}$C hypernuclei  
Master Thesis, Seoul National University, February. 2004

H. Outa  
Experiments on hypernuclear weak decays  
Prepared for International School of Physics 'Enrico Fermi': Summer Course on Hadronic Physics, Varenna, Lake Como, Italy, 22 Jun - 2 Jul 2004. Published in *Varenna 2004, Hadron physics* 219-258