

E117(SKY) T. Yamazaki :
Studies of Λ , Σ Hypernuclei by Stopped K^-

E166(SKY) E. Takada :
p-shell Σ Hypernuclear States by Stopped K^-

E117A

Submitted	1984.1.28
Approved	1984.2.17
Beam line	K3
Shift requested	260
Shift executed	199.7
Executed cycles	86[1,2,3,4,5,6,7,8,9,10,11,13]

E166

Submitted	1987.2
Approved	1987.2.23
Beam line	K3
Shift requested	140
Shift executed	68.1
Executed cycles	87[1,3,5,6]

Papers and activities

[Legend]

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

- T. Yamazaki et al.
New Light on Hypernuclear Spectroscopy with Stopped K^-
Phys.Lett.144B (1984) 177.
- R. S. Hayano
Nuclear Physics with strange Probes
Nucl.Phys.A478 (1988) 113c-125c.
- A. Sakaguchi et al.
A Measurement of the π^0 Decay of $^{12}_{\Lambda}C$ and $^{11}_{\Lambda}B$
Nuovo Cimento 102A (1989) 511.
- H. Tamura et al.
Formation of $^4_{\Lambda}H$ Hypernuclei from K^- Absorption at Rest on Light Nuclei
Phys. Rev. C40(1989) R479.
- H. Tamura et al.
Compound-Hypernucleus Interpretation on $^4_{\Lambda}H$ Formation Probabilities in Stopped K^- Absorption
Phys. Rev. C40 (1989) R483.
- T. Yamazaki
Nuclei with Exotic Constituents
Nucl.Phys.A522 (1991) 335c.
- A. Sakaguchi et al.

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

- π^0 Decay Process of $^{12}_{\Lambda}\text{C}$ and $^{11}_{\Lambda}\text{B}$ Hypernuclei
Phys. Rev. C43 (1991) 73.
- S. Paul et al.
 Σ Hypernuclei with Stopped Kaons
Nucl.Phys.A479 (1988) 137c.
 - H. Tamura et al.
Spectroscopy of Hypernuclei with Stopped Kaons - Recent Result of KEK Experiment
Nucl.Phys.A479 (1988) 161c.
 - H. Tamura et al.
 $^4_{\Lambda}\text{H}$ Formation from K^- Absorption at Rest on ^4He , ^7Li , ^9Be , ^{12}C , ^{16}O and ^{40}Ca Targets
Nuovo Cimento 102A (1989) 572.
 - H. Tamura et al.
Formation Probabilities of $^4_{\Lambda}\text{H}$ Hyperfragment from Stopped - K^- on Light Target Nuclei
J.Phys.Soc.Japan 58 (1989) Suppl.399.
 - ★ H. Tamura
Formation of Light Lambda Hypernuclei in K^- Absorption at Rest
University of Tokyo, 1987
 - ★ M. Iwasaki
Search for Σ^- Hypernucleus by K^- Absorption at Rest in Carbon Target
University of Tokyo, 1987
 - * H. Tamura
Seishi K^- Kyushu ni yoru $^4_{\Lambda}\text{H}$ no seisei
Nihon Butsuri Gakkaishi 44 (1989) 765.

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