

E104 (K_μ II) T. Yamazaki Search for Heavy Neutrinos by $K_{\mu 2}$ Decay

Submitted	1982.6.8
Approved	1982.6.22
Beam line	K3
Shift requested	120
Shift executed	125
Executed cycles	83[4,5,6,7,8,9]

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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- Y. Akiba et al.
Study of the Radiative Decay $K^+ \rightarrow \mu^+ \nu \gamma$
Phys.Rev.D32 (1985) 2911.
 - T. Yamazaki et al.
A New Improved Experiment to Search for Heavy Neutrinos and Neutral Bosons in Kaon Decay
Proc. of the XIth Int'l Conf. of Neutrino Physics and Astrophysics, Nordkirchen, June 1984
(K. Kleinknecht and E.A. Pachos, World Scientific, Singapore, 1984)
 - T. Yamazaki
Formation and Structure of Sigma Hypernuclei
Nucl.Phys.A343 (1985) 363c.
 - T. Yamazaki et al.
Search for Right-Handed Currents in the Decay $K^+ \rightarrow \mu^+ \nu$
Phys. Rev. D34 (1986) 85.
 - T. Yamazaki et al.
Neutrino Helicities, Masses, Mixing and Oscillation
Prog. Particle and Nuclear Phys. 13 (1985) 489.
 - T. Yamazaki et al.
Formation of $A=12 \Sigma^-$ Hypernucleus from K^- Absorption at Rest; Observation of Σ^- Spin-Orbit
Double of Narrow Widths
Phys.Rev.Lett.54 (1985)102.
 - H. Taura et al.
A New Type of Λ Hypernuclear Spectroscopy using Stopped K^- with Efficient Background
Suppression
Phys.Lett. 160B (1985)32.
 - ★ T. Ishikawa
New Bound on the Mixing of Heavy Neutrinos Bosons in the Decay of K^+ Meson
University of Tokyo, 1985
 - ◇ T. Yamazaki et al.
Hypernuclear Spectroscopy with Stopped K^-
3rd French-Japanese Symposium on Nuclear Physics Oct. 3-7, 1983, Dogashima, Japan
 - ◇ T. Yamazaki et al.
Formation of $A=12$ Sigma Hypernuclei by Stopped Negative Kaons

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

- International Symposium on Electromagnetic Properties of Atomic Nuclei Nov. 9-12, 1983, Tokyo
- ◇ T.Yamazaki et al.
Formation of A=12 Sigma Hypernuclei from K^- Absorption at Rest - Observation of A Σ^- Spin Orbit Doublet of Narrow Widths
Proc. of Int. Symp. on Nuclear Spectroscopy and Nuclear Interactions(Osaka, 1984).
 - ◇ M.Iwasaki et al.
Formation and Structure of A=12 Sigma Hypernuclei from K Absorption at Rest
PANIC 1984
 - ◇ M.Iwasaki et al.
Search for Exotic Particles in the Decay of K^+
PANIC 1984
 - ◇ T.Yamazaki et al.
Search for Heavy Neutrinos in Kaon Decay
22th Int.Conf. High Energy Phys., (Leipzig, 1984) Vol.1, p262.
 - ◇ T.Yamazaki
Frontier of Physics with Strange Particles
KEK Workshop on Nuclear Physics in GeV Region, 1984
 - ◇ T.Yamazaki et al.
Hypernuclear Spectroscopy using Stopped K^-
Int'l Symp. on Hypernuclear and Kaon Physics, BNL, Sep. 1985, Nucl.Phys.A450 (1986)1c.
 - ◇ T.Yamazaki
Deeply Bound Hyperon Stated in Cuclei
Int'l Symp. on Medium Energy Nuclear and Antinucleon Scattering
Bad Honnef, June (1985) in "Lecture Note in Physics 243" (Springer Verlag, Berlin, 1985).
 - ◇ T.Yamazaki
New Implications from Hyperons Deeply Embedded in Nuclei
Nucl. Phys. A446 (1985) 467c.

● Physics papers published in refereed journal.
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