

E89 (K μ) T. Yamazaki :

Detection of Monochromatic μ^+ , e^+ Associated with Heavy Neutrinos in $K^+ \rightarrow \mu^+ \nu$ and $e^+ \nu$ Decay

Submitted	1980.10.6
Approved	1980.10.14
Beam line	K3
Shift requested	40~90
Shift executed	147.1
Executed cycles	80[16], 81[1~8,9,10,11,12,13], 82[1,2,3,4]

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. Asano et al.
Search for a Heavy Neutrino Emitted in $K^+ \rightarrow \mu^+ \nu$ Decay
Phys. Lett. 104B (1981) 84.
 - R. S. Hayano et al.
Heavy Neutrino Search using $K_{\mu 2}$ Decay
Phys.Rev.Lett.49 (1982) 1305.
 - T. Yamazaki et al.
Search for a Neutral Boson in a Two-Body Decay of $K^+ \rightarrow \pi^+ X^0$
Phys. Rev. Lett. 52 (1984) 1089.
 - T. Yamazaki et al.
New Light on Hypernuclear Spectroscopy with Stopped K^-
Phys. Lett. 144B (1984) 177.
 - ★ T. Taniguchi
Heavy Neutrino Search using $K_{\mu 2}$ Decay
University of Tokyo, 1983
 - ◇ T. Yamazaki and R. S. Hayano
Search for Heavy Neutrinos in $K_{\mu 2}$ Decay ; Neutrino Mass Spectroscopy
Neutrino '81 (Maui, 1981) Vol.2, p.49.
 - ◇ T. Yamazaki
New Bounds on Heavy Neutrino Masses and Mixing from $K_{\mu 2}$ and $\pi_{\mu 2}$ Decays
Proc. Int'l Conf. on Neutrino Physics and Astrophysics NEUTRINO82 (June14-19,1982,
Balatonfured, Hungary, ed. A. Frenkel and L. Jenic) Vol.I., p.178, Invited talk.
 - ◇ T. Yamazaki
Search for Exotics in Two-Body Decay of $K^+ \rightarrow K_{\mu 2}$ and $K_{\pi 2}$ Revisited
Los Alamos LAMPF II Workshop, July 1982
 - ◇ T. Yamazaki
Interdisciplinary Science using Muons
Invited talk at Int'l Conf. on Nuclear Physics, Florence, August 28-September 3, 1983
 - ◇ T. Yamazaki and R. S. Hayano
Search for Heavy Neutrinos in $K_{\mu 2}$ Decay "Neutrino Mass Spectroscopy"
Proc. of the 1981 Int.Conf. on Neutrino Physics and Astrophysics(Maui, Hawaii 1981), Vol.II,

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- p.49.
- ◇ T. Yamazaki
New Bounds on Heavy Neutrino Masses and Mixings from K_{12} and π_{12} Decays
Proc.of Int.Conf. on Neutrino Physics and Astrophysics(Balatonfured,1982), Vol.II, p.178.

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