

E228 (KpX) M. Iwasaki

Precise Measurement of the Strong-Interaction Shifts of Kaonic Hydrogen X-Rays

Submitted	199
Approved	1991.7.16
Beam line	K3
Shift requested	100
Shift executed	304.5
Executed cycles	92[3,9,10], 93[2,5,7,10,11,12], 94[3,4,7,8,9], 95[2,3]

Papers and activities

[Legend]

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

- M. Iwasaki et al.
Kaonic Hydrogen X-ray Experiment at KEK
Nucl. Phys. A 585 (1995) 239c.
- M. Iwasaki et al.
Observation of Kaonic Hydrogen K_{α} X Rays
Phys. Rev. Lett. 78 (1997) 3067.
- M. Iwasaki et al.
Discovery of the repulsive energy shift of the kaonic hydrogen 1s state
Nucl. Phys. A 639 (1998) 501c
- T.M. Ito et al.
Observation of Kaonic Hydrogen atom X rays
Phys. Rev. C 58 (1998) 2366.
- M. Iwasaki et al.
KN interaction study by Kaonic Atom at KEK and DAΦNE
Nucl. Phys. A 670 (2000) 190c.
- S.N. Nakamura et al.
A new approach to measure kaonic hydrogen X-rays
Nucl. Instr. Meth. A 408 (1998) 438.
- ★ S.N. Nakamura
Study of Hadronic Atoms
University of Tokyo, March 1995
- ★ T.M. Ito
Observation of Kaonic Hydrogen Atom X Rays
University of Tokyo, 1997

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