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Search for H-dibaryon resonance via $^{12}\text{C}(\text{K}^-, \text{K}^+\Lambda\Lambda)$ and Study of ΞN interaction

Submitted	2002.6.21
Approved	2002.7.18
Beam line	K2
Shift requested	20 preparation + 80 data acquisition
Shift executed	81 preparation & data acquisition + 30 compensation
Executed cycles	02[4-1,4-2], 03[6-1]

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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- K. Miwa et al.
Search for Θ^+ via $\pi^-p \rightarrow \text{K}^-\text{X}$ reaction near production threshold
Phys. Lett. B635(2006)72-79
 - C. J. Yoon et al.
Search for the H-dibaryon resonance in $^{12}\text{C}(\text{K}^-, \text{K}^+\Lambda\Lambda)$
Phys. Rev. C 75, 022201(R) (2007)
 - ★ K. Miwa
Search for Θ^+ via $\pi^-p \rightarrow \text{K}^-\text{X}$ Reaction near Production Threshold
Kyoto University, May 2006
 - ★ C. J. Yoon
Search for the H-dibaryon resonance in $^{12}\text{C}(\text{K}^-, \text{K}^+\Lambda\Lambda)$
Kyoto University, June 2007
 - ◇ C. J. Yoon
Invariant-Mass Spectrum of $\Lambda\Lambda$
KEK Strangeness Workshop, KEK, Japan (To be printed KEK-PS Annual Review '03).
 - ◇ C. J. Yoon
Search for H-dibaryon Resonance
Yukawa Institute for the Theoretical Physics at Kyoto Univ., Japan, Feb. 17-19, 2004
YITP workshop on YITP-W-03-21 (To be Printed in 'Soryuushi-ron Kenkyu'; Summer (2004)
 - ◇ J. K. Ahn
Multiquark states from (π^-, K^-) (K^-, K^+) reactions
Workshop on Quark Nuclear Physics 2004(QNP'04), Pusan, Korea, Feb., 2004.

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