E307 H. C. Bhang
Lifetimes and Weak Decay Widths of Light and Medium-Heavy $\Lambda$ Hypernuclei

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Papers and activities

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

● H. C. Bhang et al.
  Lifetime and Weak-Decay mode of $\Lambda$ hypernuclei

● H. C. Bhang et al.
  Lifetime of $\Lambda$ hypernuclei up to $\Lambda$Fe

● Y. Sato et al.
  $\pi$ mesonic weak decay width of $^{12}_\Lambda$C

● H. C. Bhang et al.
  Lifetime Measurement of $^{12}_\Lambda$C, $^{28}_\Lambda$Si and $\Lambda$Fe Hypernuclei

● H. Outa et al.
  Mesonic and non-mesonic decay width of $^{12}_\Lambda$C

● H. Park et al.
  Lifetime Measurement of Medium-Heavy $\Lambda$ Hypernuclei

● O. Hashimoto et al.
  Proton Energy Spectra in the Non-mesonic Weak Decay of $^{12}_\Lambda$C and $^{28}_\Lambda$Si Hypernuclei

● Y. Sato et al.
  Mesonic and nonmesonic weak decay widths of medium-heavy $\Lambda$ hypernuclei

◇ Y. D. Kim et al.
  High resolution TOF detector for hypernuclei lifetime measurement

★ H. Park
  The Weak Decay of $^{12}_\Lambda$C, $^{28}_\Lambda$Si and $\Lambda$Fe hypernuclei
  Seoul National University, 1998

★ Y. Sato
  Weak Decay of medium-heavy $\Lambda$ hypernuclei
  Tohoku University, March 1999

● Physics papers published in refereed journal.
◇ Technical papers.
★ PhD theses.
◇ Conference and Symposium.
* Internal Report and others.
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Lifetime measurement of Lambda Hypernuclei

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Lifetime and Weak-Decay Widths of Λ Hypernuclei

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Mass Dependence of Lifetime of Λ Hypernuclei

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Mesonic and non-mesonic decay width of $^{12}_{\Lambda}C$
The KEK-Tanashi Int'l Symp. on “Physics on Hadrons and Nuclei” Tokyo, Dec. 14-17(1998)

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Proton-stimulated non-mesonic weak decay of $^{12}_{\Lambda}C$, $^{28}_{\Lambda}Si$, $^{56}_{\Lambda}Fe$, and $\Delta I=1/2$ rule
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Mesonic and Non-mesonic Decay Widths of $^{12}_{\Lambda}C$

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Total and Partial Decay Widths of Medium-Heavy Λ Hypernuclei

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Overview of Λ-Hypernuclear Weak Decay Results Obtained with the SKS

Y. Sato et al.
The p-Mesonic Decay Rates on $^{12}_{\Lambda}C$, $^{28}_{\Lambda}Si$ and $^{56}_{\Lambda}Fe$

Y. Sato et al.
The Mesonic and Nonmesonic Weak Decay Widths of Medium-Heavy Λ Hypernuclei