

# Status Report of Jilin University

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At present, members of Jilin university (JLU) group include: Huo Junde, Yang Dong, and a few graduate students.

Jilin university group is responsible for the nuclear structure and decay data evaluation of mass chains:  $A=52, 53, 54, 55, 56, 63,$  and  $67$ .

# 1. Status of mass chain evaluation

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A	Status
52	Yang Dong, Huo Junde, NDS, 128, 185-314 (2015)
53	Huo Junde, NDS, 110, 2689-2814 (2009)
54	Yang Dong, Huo Junde, NDS, 121, 1-142 (2014)
55	Huo Junde, NDS, 109, 787-942 (2008)
56	Huo Junde, Huo Su, Yang Dong, NDS, 112, 1513-1645 (2011)
63	Bai Erjun, Huo Junde, NDS, 92, 147-252 (2001) (ENSDF revised in 2009, plan to revise in the next two year)
67	Huo Junde, Huang Xiaolong, J.K. Tuli, NDS, 106, 159-250 (2005) (revised and will be submitted for review soon)

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## 2. Other research/activities of the group

Two experiments about the nuclear structure have been performed on the tandem accelerator at China Institute of Atomic Energy (CIAE), using the heavy ion fusion-evaporation reaction of  ${}^7\text{Li}+{}^{110}\text{Pb}$  and  ${}^{32}\text{S}+{}^{106}\text{Cd}$  and  $\gamma\gamma$  coincidence measurement. The data is being off-line analyzed.

An optional course to introduce the nuclear structure and decay data evaluation has been open for the graduate student with major of nuclear physics in Jilin University.

***Thank you***

