

Status Report of Jilin University

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1. Members

At present, members of Jilin university group include: Huo Junde, Yang Dong, and a postgraduate Hou Kairan.

2. Status of mass chain evaluation

Mass	Status
52	Yang Dong, Huo Junde, NDS, 128 , 185 (2015)
53	Huo Junde, NDS, 110 , 2689 (2009)
54	Yang Dong, Huo Junde, NDS, 121 , 1 (2014)
55	Huo Junde, NDS, 109 , 787 (2008) (being evaluated)
56	Huo Junde, Huo Su, Yang Dong, NDS, 112 , 1513 (2011)
67	Yang Dong , Huo Junde (2019) (submitted)



3. Other research of the group

A few experiments performed for the high spin states of nuclei using heavy ion fusion evaporation reaction and in-beam spectroscopy on the HI-13 tandem accelerator at China Institute of Atomic Energy:

- Candidate chiral doublet bands in ^{138}Pm , K. Y. Ma, ... D. Yang et al., Physical Review C **97**, 014305, 2018;
- A development of lifetime measurement based on the differential decay curve method, J. Zhong, ... D Yang et al., Nucl. Sci. Tech., 29:108, 2018;
- Structure of a positive-parity band in ^{130}Pr , K. Y. Ma,.. D. Yang et al., Eur. Phys. J. A 53: 10, 2017.



Thank You !

