

Status Report of Japanese Group for Nuclear Structure and Decay Data Evaluation

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Japanese group members

Hideki Imura	Japan Atomic Energy Agency (group leader)
Akira Hashizume	former affiliation: RIKEN
Masa-aki Kanbe	former affiliation: Tokyo City University
Jun-ichi Katakura	Nagaoka University of Technology
Kensuke Kitao	former affiliation: National Institute of Radiological Sciences
Susumu Ohya	former affiliation: Niigata University
Hiroyuki Koura	Japan Atomic Energy Agency.

- Japanese group is authorized as a subgroup of JENDL committee.
- JAEA supports travel cost for group meetings.

Mass chains for which Japanese group is responsible

Mass	Last NDS Publication		Status
	Year	Evaluators	
118	1995	Kitao	
120	2002	Kitao, Tendow, Hashizume	Evaluating
121	2010	Ohya	
122	2007	Tamura	
123	2004	Ohya	Evaluating
124	2008	Katakura, Wu	
125	2011	Katakura	
126	2002	Katakura, Kitao	Evaluating
127	2011	Hashizume	
128	2015	Elekes, Timar,	
129	2014	Timar, Elekes, Singh	

- Mass chains now being evaluated

A=120 : Hashizume is responsible. The file will be sent to NNDC within a few month for review.

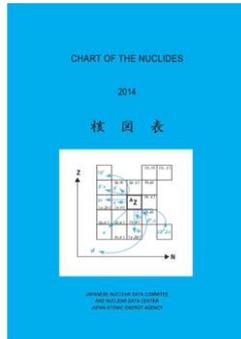
A=123: Kanbe is responsible.

A=126: Iimura, Katakura and Ohya are responsible. The file has almost been completed and will be sent to NNDC next month.

- We plan to evaluate **A=122** (Koura and Ohya) and **A=124** (Katakura) next.
- Japanese group proposes to shift the responsibility of **A=118** to other center.

Revision of “JAEA Chart of the Nuclides”

2014 (the 10th edition)



Next edition

in 2018

by Koura, Katakura,
Tachibana and Minato

Changes in Chart of the Nuclides 2018

- ENSDF + journal papers appeared until 2017
- Element symbols of Nh ($Z=113$), Mc (115), Ts (117) and Og (118) are adopted.
- AME2016 is adopted for the estimation of neutron and proton drip lines and beta-delayed neutron border