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

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1. Members

Present members of Japanese group are: M. Kanbe (Tokyo City University (former affiliation)), J. Katakura (Nagaoka University of Technology (former affiliation)), H. Koura (JAEA), S. Ohya (Niigata University (former affiliation)), and H. Iimura (JAEA), who serves as group leader. Last year, Y. Ichikawa (RIKEN) newly joined our group. Our group holds a meeting once a year to exchange information on each member's progress in evaluation. Japanese group is a sub-group of JENDL committee.

2. Mass chain evaluation

Japanese group is responsible for mass chain evaluation of A=120-129 (Table 1). Among them, A=128 and 129 were revised by Turkish group last time, and also A=123 is being evaluated by other center. Iimura and Ohya are now correcting A=126 returned from NNDC last fall after review. Hashizume evaluated A=120 until last summer, but now he is not able to continue the evaluation because of health problem. So, Kanbe and

Table 1. Status of Mass Chain Evaluation

Mass	Last NDS publication		Status
	Year	Evaluators	
120	2002	Kitao, Tendow, Hashizume	Being evaluated (Katakura, Kanbe)
121	2010	Ohya	
122	2007	Tamura	
123	2004	Ohya	Being evaluated (other center)
124	2008	Katakura, Wu	Being evaluated (Koura)
125	2011	Katakura	
126	2002	Katakura, Kitao	Being corrected (Iimura, Ohya)
127	2011	Hashizume	
128	2015	Timar, Elekes, Singh	
129	2014	Timar, Elekes, Singh	

Katakura have replaced him, and are evaluating A=120. Koura took part in the workshop on NSDD held at Trieste last summer. He started the evaluation of A=124.

3. XUNDL

Ichikawa continues compilation of the data taken at RIKEN RIBF into XUNDL files. Several completed XUNDL files were sent to NNDC last year.

4. Chart of the nuclides

11th edition of JAEA chart of the nuclides has been published in the end of March in 2019 by Koura et al. Experimental data published up to the end of June in 2018 were used. Total number of identified nuclides in this edition has increased to about 3300 from 3150 in the previous edition in 2014. Printed chart of the nuclides can be obtained from JAEA upon request without charge.