

# Japan Charged-Particle Nuclear Reaction Data Group

Division of Physics, Graduate School of Science  
Hokkaido University  
060-0810 Sapporo, JAPAN

E-mail: services@jcprg.org  
Internet: <http://www.jcprg.org/>

Telephone +81(JPN)-11-706-2684  
Facsimile +81(JPN)-11-706-4850

## Memo CP-E/078

**Date:** September 21, 2005  
**To:** Distribution  
**From:** OTSUKA Naohiko  
**Subject:** Addition to Dictionary 6 (Elements) and 27 (Nuclides)

We propose the following addition. Alpha decay of these nuclides are reported in the super-heavy elements observation at RIKEN (K. Morita *et al.*, Eur. Phys. J. A **21**(2004)257, J. Phys. Soc. Jpn. **73**(2004)1738, *ibid* **73**(2004)2593).

### Dictionary 6 (Elements)

111-RG	Roentgenium
	(Approved in Nov.2004 by IUPAC, replaces 111-*)
113-*	---
	(See. K. Morita <i>et al.</i> , J. Phys. Soc. Jpn. 73(2004)2593)

### Dictionary 27 (Nuclides)

109-MT-270	(Flag 3 at column 15)
110-DS-271	(Flag 3 at column 15)
111-RG-272	(Flag 3 at column 15)
111-RG-274	(Flag 3 at column 15)
113-*-278	(Flag 3 at column 15)

### **Distribution:**

S. Babykina, CAJaD	J.H. Chang, KAERI	M. Chiba, JCPRG	F.E. Chukreev, CAJaD
S. Dunaeva, NDS	Z.G. Ge, CNDC	O. Gritzay, KINR	A. Hasegawa, JAERI
H. Henriksson, NEA-DB	A. Kaltchenko, KINR	J. Katakura, JAERI	K. Katō, JCPRG
M. Lammer, NDS	S. Maev, CJD	V.N. Manokhin, CJD	V. McLane, NNDC
M. Mikhaylyukova, CJD	C. Nordborg, NEA-DB	P. Obložinský, NNDC	A. Ohnishi, JCPRG
D. Rochman, NNDC	O. Schwerer, NDS	S. Tákacs, ATOMKI	S. Taova, VNIIEF
T. Tárkányi, ATOMKI	V. Varlamov, CDFE	M. Vlasov, KINR	M. Wirtz, NDS
H.W. Yu, CNDC	V. Zerkin, NDS	Y.X. Zhuang, CNDC	EXFOR, NEA-DB