

# Japan Charged-Particle Nuclear Reaction Data Group

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## 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)

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