

Japan Charged-Particle Nuclear Reaction Data Group

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

Telephone +81(JPN)-11-706-2684
Facsimile +81(JPN)-11-706-4850
E-mail nrdf@nucl.sci.hokudai.ac.jp

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Date: July 4, 2003
To: Distribution
From: OTUKA Naohiko and KATŌ Kiyoshi
Subject: Nuclide Codes (Dict.27)

We are compiling some experiments of fusion-evaporation residue measurements at JAERI (S. Mitsuoka *et al.*, Phys. Rev. **C62** (2000) 054603, K. Nishio *et al.*, Phys. Rev. **C62** (2000) 014602 and K. Nishio *et al.*, and Phys. Rev. **C63** (2001) 044610). In these experiments, alpha decay of ^{206}Ra was detected, and ^{219}Pa , ^{220}Pa , ^{219}U , ^{220}U , ^{221}U , ^{222}U and ^{223}U were identified as evaporation residues.

Dictionary 27 (Nuclides)

88-RA-206	Flag 3 at column 15
91-PA-219	Flag 3 at column 15
91-PA-220	Flag 3 at column 15
92-U-219	Flag 3 at column 15
92-U-220	Flag 3 at column 15
92-U-221	Flag 3 at column 15
92-U-222	Flag 3 at column 15
92-U-223	Flag 3 at column 15

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