

START BASKET (0) TOOLS

Item

Cadmium mass measurements between the neutron shell closures at N = 50 and 82

Borgmann, C., Breitenfeldt, M., Audi, G., Baruah, S., Beck, D., Blaum, K., et al. (2011). Cadmium mass measurements between the neutron shell closures at N = 50 and 82. *American Institute of Physics Conference Proceedings*, 1377(1), 332-334. doi:10.1063/1.3628403.

Released

Basic

Item Permalink <http://hdl.handle.net/11858/00-001M-0000-0012-2F39-8> Version Permalink <http://hdl.handle.net/11858/00-001M-0000-0012-2F3B-4>

Genre Journal Article

Files

Locators

Locator <http://link.aip.org/link/?APCPCS/1377/332/1> (Publisher version)

Description FRONTIERS IN NUCLEAR STRUCTURE, ASTROPHYSICS, AND REACTIONS: FINUSTAR 3 Rhodes, (Greece), 23–27
August 2010

Creators

Creators Borgmann, Christopher¹, Author
Breitenfeldt, M.², Author
Audi, G.³, Author

Baruah, S.⁴, Author
Beck, D.⁵, Author
Blaum, Klaus¹, Author
Böhm, Christine¹, Author
Cakirli, Burcu R.^{1, 6}, Author
Casten, R.F.⁷, Author
Delahaye, P.⁸, Author
Dworschak, M.⁵, Author
George, Sebastian¹, Author
Herfurth, Frank⁵, Author
Herlert, Alexander⁸, Author
Kellerbauer, A.^{9, 10}, Author
Kowalska, Magdalena¹, Author
Kreim, Susanne Waltraud¹, Author
Lunney, D.³, Author
Minaya-Ramirez, E.⁵, Author
Naimi, S.³, Author
[more..](#)

Affiliations 1Division Prof. Dr. Klaus Blaum, MPI for Nuclear Physics, Max Planck Society, escidoc:904548
2Instituut voor Kern- en Stralingsfysica, Katholieke Universiteit Leuven, B-3001 Leuven, Belgium, escidoc:persistent22
3CSNSM-IN2P3-CNRS, Université Paris-Sud 11, 91405 Orsay, France, escidoc:persistent22
4Institut für Physik, Ernst-Moritz-Arndt-Universität, 17487 Greifswald, Germany, escidoc:persistent22
5GSI Helmholtzzentrum für Schwerionenforschung GmbH, 64291 Darmstadt, Germany, escidoc:persistent22
6Department of Physics, University of Istanbul, Istanbul, Turkey, escidoc:persistent22
7Wright Nuclear Structure Laboratory, Yale University, New Haven, Connecticut 06520, USA, escidoc:persistent22
8CERN, Physics Department, 1211 Geneva 23, Switzerland, escidoc:persistent22
9Alban Kellerbauer - Emmy Noether Junior Research Group, Junior Research Groups, MPI for Nuclear Physics, Max Planck Society, escidoc:907551
10Commission European Communities, Joint Research Center, European Institute for Transuranium Elements, 76125 Karlsruhe, Germany, escidoc:persistent22
11Institut für Physik, Johannes Gutenberg-Universität, 55128 Mainz, Germany, escidoc:persistent22
12NSCL, Department of Physics and Astronomy, MSU, MI 48824, East Lansing, USA, escidoc:persistent22

Content

Free keywords -

Abstract The mass values of the neutron-deficient cadmium isotopes ^{99–109}Cd and of the neutron-rich isotopes ^{114,120,122–124,126,128}Cd have been measured using ISOLTRAP. The behavior of the separation energies of the cadmium isotopes from N = 50 to 82 is discussed

Details

Language(s) eng - English

Dates Published in Print: 2011-10-28

Publication Status Published in print

Pages 3

Publishing info -

Table of Contents -

Rev. Method Peer

Identifiers DOI: [10.1063/1.3628403](https://doi.org/10.1063/1.3628403)

Degree -

Event

Legal Case

Source 1

Title American Institute of Physics Conference Proceedings

Other AIP Conf. Proc.

Source Genre Journal

Creator(s)

Affiliations

Publ. Info New York : American Institute of Physics

Pages -

Volume / Issue 1377 (1)

Sequence Number -

Start / End Page 332 - 334

Identifier ISSN: 0094-243X

CoNE: <http://pubman.mpg.de/cone/journals/resource/954928528968>