

Publications in 2015

1 JOURNAL PAPER/PROCEEDINGS

- Takahide TAKAMATSU, Hideki TOMITA, Yujin FURUTA, Takaaki TAKATSUKA, Yoshitaka ADACHI, Takuma NOTO, Volker SONNENSCHNEIN, Tobias KRON, Klaus WENDT, Tetsuo IGUCHI, Tetsu SONODA, and Michiharu WADA, "Development of High Resolution Resonance Ionization Spectroscopy on Titanium Using Injection-locked Ti:Sapphire Laser System", JPS Conference Proceedings, **6**, 030142, (2015).
- Tetsu Sonoda, Michiharu Wada, Ichiro Katayama, Hideki Imura, Mikael Reponen, Naoki Fukuda, Naohito Inabe, Toshiyuki Kubo, Kensuke Kusaka, Hiroshi Suzuki, Hiroyuki Takeda, Masanori Wakasugi, Koichi Yoshida, Takahide Takamatsu, Hideki Tomita, Fumiya Arai, Yuta Ito, Kunihiro Okada, and Peter Schury, "Parasitic Production of Low-Energy RI-Beam at RIKEN BigRIPS", JPS Conference Proceedings, **6**, 030122, (2015).
- Y. Nakayama, H. Tomita, K. Morishima, F. Yamashita, S. Hayashi, MunSeong Cheon, M. Isobe, K. Ogawa, T. Naka, T. Nakano, M. Nakamura, J. Kawarabayashi, T. Iguchi and K. Ochiai Application of advanced nuclear emulsion technique to fusion neutron diagnostics, Physics Procedia, **80**, 81-83, (2015).
- Takuma Noto, Hideki Tomita, Yujin Furuta, Takamatsu Takahide, Jun Kawarabayashi, Tetsuo Iguchi, Klaus Wendt, Development of the Sequential Data Correction Method for Isotopic Ratio Analysis by Resonance Ionization Mass Spectrometry, J. Nucl. Sci. Tech., **53**, 289-294, (2015).
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- Y. Nakayama, H. Tomita, F. Yamashita, S. Hayashi, J. Kawarabayashi, T. Iguchi, K. Morishima, T. Naka, T. Nakano, M. Nakamura, M. Isobe, K. Ogawa, MunSeong Cheon, K. Ochiai, "A Study of DD Fusion Neutron Measurement by Nuclear Emulsion Technique with Pinhole Collimator", KEK Proceedings, **2015-8**, 44-49, (2015).

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2 THESIS

Prof. Iguchi Group, Department of Energy Engineering, Nagoya University

- 能任 琢真, 環境微粒子中核物質同位体比迅速分析法の開発
- 板津英輔, 高純度ゲルマニウム半導体検出器を用いた放射能決定過程における信頼性向上に関する研究