

Recent Publications and Communications in Neutron Metrology by the KRISS

● International

- “Calibration of neutron personal dosimeters in a realistically simulated neutron irradiation room”, J.H. Kim, H. Park, K.-O. Choi, *Radiation Measurements*, 45, pp1544-1547, 2010.
- “Coincidence measurement of the weak decay of $^{12}_{\Lambda}C$ and the three-body weak decay process(J-PARC 50GeV PS E18)”, M.Kim, S.Ajimura, K.Aoki, A.Banu, H.Bhang, T.Fukuda, O.Hashimoto, J.I.Hwang, S.Kameoka, B.H.Kang, E.Kim, J.H.Kim, T.Maruta, Y.Miura, Y.Miyake, T.Nagae, M.Nakamura, S.N.Nakamura, H.Noumi, S.Okada, Y. Okayasu, H.Outa, H.Park, P.K.Saha, Y.Sato, M.Sekimoto, T.Takahashi, H.Tamura, K. Tanida, A.Toyoda, K.Tshoo, K.Tsukada, T.Watanabe, H.J.Yim, *Nucl. Phys. A* 835, pp434-438, 2010.
- “Neutron Spectrometer with a Capture-Gated Liquid Scintillator”, J.H. Kim, H. Park, K.-O. Choi, *Jour. Korean Phys. Soc.*, 56, pp34-41, 2010.
- “Neutron Spectra at the workplace of Korean Nuclear Power Plant with Bonner Sphere Spectrometer”, H.Park, J.H. Kim, K.-O. Choi, 11th Neutron and Ion Dosimetry symposium(NEUDOS11), Cape Town, South Africa, 12-16 October 2009.
- “Response Calculations of the neutron ambient dosimeters”, Jungho Kim, Hyeonseo Park, Kil-Oung Choi, *The Fifth International Symposium on Radiation Safety and Detection Technology(ISORD-5)*, Kitakyushu, Japan, 15-17 July 2009.
- “Development of the multi-shell Bonner Spheres and their response functions”, Jungho Kim, Hyeonseo Park, Kil-Oung Choi, *The Fifth International Symposium on Radiation Safety and Detection Technology(ISORD-5)*, Kitakyushu, Japan, 15-17 July 2009.
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 - "A Monte-Carlo Intranuclear Cascade Calculation for the Propagation of Energetic Nucleons in the Nucleus", M.J.Kim, H.Bhang, J.H.Kim, Y.D.Kim, H.Park, J.Chang, *Jour. Korean Phys. Soc.*, 46, pp805-812, 2005.
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