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Evaluations of Resonance Parameters and Resonance Integral of Tungsten

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[Keywords](#)

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**Abstract:** I present evaluated values of resonance parameters and resonance integral for natural tungsten on the basis of experimental transmissions data obtained at the Pohang Neutron Facility (PNF), Republic of Korea. Resonance parameters were obtained by using the Bayesian code SAMMY. The output values of SAMMY were used to evaluate the resonance integral for the capture cross-section.

**Key Words:** linear accelerator, transmissions, cross-sections, resonance parameters, resonance integral, SAMMY code.

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