

NUCLEAR SEMINAR SERIES

Dr. Marco Pigni

Oak Ridge National Laboratory

Monday, January 28

4:00 pm - Rm 184 NSH

***Nuclear Reaction Data Evaluations for
Nuclear Applications - Physics,
Modeling, and Safety***

The talk will provide an overview of the cross section evaluation procedure performed at Oak Ridge National Laboratory with particular emphasis on the evaluated work in the resolved resonance range. Brief discussion of the theoretical models commonly used in the evaluated work will be given in connection to the experimental corrections needed to fit the measured cross sections. Examples of evaluation work for neutron and charge-particle induced cross sections will be presented and discussed..



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