

ORNL Evaluations Submitted for ENDF/A

**L. Leal, H. Derrien, K. Guber,
G. Arbanas, D. Wiarda, and
M. E. Dunn**

**Nuclear Data & Criticality Safety Group
Oak Ridge National Laboratory**

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Status of Evaluations in Process

- ^{50}Cr and ^{54}Cr (^{52}Cr and ^{53}Cr submitted to ENDF/A)
 - Produced resonance evaluation need to combine with high-energy data from FZK (includes covariance data)

- ^{48}Ti
 - New resonance evaluation—currently investigating direct capture and neutron sensitivity issue with measurements
 - Combine with LANL high-energy evaluation

- ^{46}Ti , ^{47}Ti , ^{49}Ti , and ^{50}Ti (submitted to ENDF/A)
 - Retroactive resonance parameter covariance analysis based on ENDF/B-VII.0 resonance parameters and combined with LANL high-energy evaluation
 - Outstanding issue: LANL adjusted resonance parameters in ENDF/A

- ^{239}Pu
 - ORNL and LANL initiated benchmark testing and corresponding evaluation adjustment
 - Waiting on new fission spectrum evaluation by LANL
 - WPEC SG initiated—resonance evaluation work being performed in context of SG

- ^{240}Pu
 - Preliminary resonance evaluation—testing in progress