

Third Conference on  
Neutron Cross Sections and Technology

March 15-17, 1971

University of Tennessee

Knoxville, Tennessee

Program

Session I: Integral Tests and Sensitivity to Microscopic Data

Chairman, D. K. Butler (ANL)

"Critical Experiments and Spectrum Measurements on the Validity of Microscopic Data," E. D. Pendlebury, A.W.R.E., Aldermaston, Reading, Berks., England - Invited

"Progress in Meeting Cross Section Needs from a Fast-Reactor Designer's View," W. W. Little and R. W. Hardie, WADCO Corporation - Invited

Session II: Fast Neutron Cross Sections

Chairman, W. P. Poenitz (ANL) and D. M. Barton (LASL)

"Fast Neutron Cross Sections - Theory and Experiment," P. S. Moldauer and A. B. Smith, Argonne National Laboratory - Invited

Session III: Evaluating and Handling of Neutron Cross Section Data

Chairman, M. K. Drake (BNL)

"Numeric Data Libraries of the National Neutron Cross Section Center," M. D. Goldberg, NNCSC, Brookhaven National Laboratory, Upton, New York - Invited

Session IV: Present and Future Applications of Cross Section Technology

Chairman, P. N. Stevens

Session V: Advances in Flux and Neutron Cross Section Data Standards

Chairman, G. F. Knoll (Univ. Mich.) and W. H. Hannum (USAEC)

"Present Status of Standards," H. H. Landon, National Bureau of Standards, Washington, D.C. - Invited

Session VI: Neutron Cross Sections in the Resonance Energy Region

Chairman, C. D. Bowman (LRL) and O. D. Simpson (Idaho Nucl.)

"Status and Comparison of Techniques for Resonance Measurements," M. S. Moore, Los Alamos Scientific Laboratory - Invited