

SOME COMMENTS ON RESOLUTION AND THE ANALYSIS  
AND INTERPRETATION OF EXPERIMENTAL RESULTS FROM  
DIFFERENTIAL NEUTRON MEASUREMENTS\*

by

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ABSTRACT

Effects of finite resolution in differential neutron measurements are examined. General procedures for deriving the experimental resolution functions from a knowledge of the experimental parameters are presented. Problems encountered in the comparison of different data sets, when the measured cross section is known to fluctuate with energy, are discussed. This report has been prepared with the objective of encouraging closer attention to the matter of resolution by experimenters, evaluators and users of neutron nuclear data.

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