

GAMMA-RAY DETECTOR CALIBRATION METHODS UTILIZED IN THE
ARGONNE FNG GROUP ACTIVATION CROSS SECTION MEASUREMENT
PROGRAM*

by

James W. Meadows and Donald L. Smith

Applied Physics Division
Argonne National Laboratory
Argonne, Illinois 60439
USA

ABSTRACT

The gamma-ray detector calibration methods utilized in the program of activation measurements at the ANL Fast Neutron Generator are described. The basic methods are gamma-gamma coincidence counting and comparison with calibrated sources. These methods are illustrated and compared using ^{60}Co and ^{48}Sc sources, and errors are discussed.

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