

WASH - 1042

ND4W6-3

ND4W6-3

NUCLEAR DATA UNIT

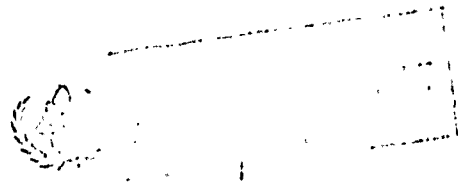
REPORTS TO THE AEC NUCLEAR CROSS SECTIONS ADVISORY GROUP

RICE UNIVERSITY

February 25, 1963



Submitted by
JOHN R. STEHN, Secretary
NCSAG



BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

under contract with the

UNITED STATES ATOMIC ENERGY COMMISSION

000003

WASH - 1042
(Physics - TID-4500, 20th Ed.)

REPORTS TO THE AEC NUCLEAR CROSS SECTIONS ADVISORY GROUP

RICE UNIVERSITY

February 25, 1963

Submitted by
JOHN R. STEHN, Secretary
NCSAG

BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK

INTRODUCTION

The reports which follow were presented to the AEC Nuclear Cross Sections Advisory Group for consideration at the meeting on 25 February 1963, at Rice University. These reports contain an informal statement of recent developments, changes of emphasis, and preliminary data which are of importance to the cross section measurement program of the AEC. They are not intended to be complete and formal reports, nor do they cover all of the work of the laboratories relating to nuclear cross section measurements.

The data which appear in this report must not be quoted in publications without the express permission of the experimenter. Persons who might make use of these data for serious computations should contact the experimenter directly to verify the numbers.

TABLE OF CONTENTS

Cross Section Measurement Program of Various Laboratories

1. ARGONNE NATIONAL LABORATORY.....	1
2. BROOKHAVEN NATIONAL LABORATORY.....	5
3. COLUMBIA UNIVERSITY.....	8
4. DUKE UNIVERSITY.....	12
5. HANFORD LABORATORIES.....	19
6. LAWRENCE RADIATION LABORATORY.....	20
7. LOS ALAMOS SCIENTIFIC LABORATORY.....	22
8. OAK RIDGE NATIONAL LABORATORY.....	25
9. PHILLIPS PETROLEUM COMPANY.....	29
10. RENSSELAER POLYTECHNIC INSTITUTE.....	34
11. RICE UNIVERSITY.....	40