Reports to...

THE AEC NUCLEAR CROSS SECTIONS ADVISORY GROUP

Meeting at

BROOKHAVEN, NEW YORK

APRIL 13 - 14, 1967

Compiled by ...

H. T. Motz, Secretary, NCSAG
Physics Division

CONTENTS ONLY
FULL REPORT NOT AVALABLE

INTRODUCTION

The reports which follow were presented to the AEC Nuclear Cross Sections Advisory Group at the Meeting on April 13-14, 1967 held at Brookhaven, New York. These reports contain informal statements of recent developments, changes of emphasis, and preliminary data which are of importance to the cross section measurement program of the U.S. Atomic Energy Commission. They are not intended to be complete, nor do they cover all of the work in the reporting laboratories relating to nuclear cross section measurements.

The data which appear in this report <u>must not be quoted in</u>

publications without the expressed permission of the experimenter whose

name is associated with the work. Because of occasional violations of

this request, a special warning to this effect appears on each page of

this issue. In addition, persons who might make use of these data for

serious computations should contact the experimenter directly to verify

the data.

As for the previous reports, this compilation has been made almost completely from master copies prepared by the laboratory representatives listed in the Table of Contents. It is a pleasure to acknowledge their assistance in this effort.

H. Motz Secretary, NCSAG Los Alamos Scientific Laboratory Los Alamos, New Mexico 87544

TABLE OF CONTENTS

1.	A. B. Smith	1
2.	BROOKHAVEN NATIONAL LABORATORY	LO
3,	CASE INSTITUTE OF TECHNOLOGY	22
4.	COLUMBIA UNIVERSITY	24
5.	H. W. Newson	36
6.	GENERAL ATOMIC	15
7.	IDAHO NUCLEAR	51
8.	LAWRENCE RADIATION LABORATORY	58
9.	L. F. Chase, Jr.	59
10.	IOS ALAMOS SCIENTIFIC LABORATORY	57
11.	NATIONAL BUREAU OF STANDARDS	33
12.	NAVAL RADICLOGICAL DEFENSE LABORATORY	36
13.	NUCLEAR DEFENSE LABORATORY, U. S. ARMY	18
14.	OAK RIDGE NATIONAL MABORATORY	90
15.	RENSSELAER POLYTECHNIC INSTITUTE	7
16.	RICE UNIVERSITY	2
17.	TEXAS NUCLEAR COMPORATION	.7
18.	YALE UNIVERSITY	2
	ADDRESTATIVE 2.3	33