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Memo CP-M/1

09.04.80

B.S. Ishkhanov

From: Centre for Photonuclear Experiments Data
Moscow State University

To: Distribution

Subject: Information about CDPhE

In accordance with the recomendation of the Nonneutron Nuclear Data Coordination Group, which directs work in the field of acquisition and evaluation of nuclear data in the USSR, and the proposal of the Centre for Nuclear Structure and Reactions Data (CAJaD) of the USSR State Committee on the Utilization of Atomic Energy, the Centre for Photonuclear Experiments Data was set up in 1977 at the Institute of Nuclear Physics of Moscow State University.

The major aims of the MSU INP CDPhE are the acquisition, systematization and dissemination both in the USSR and abroad, of data obtained in experiments with photons, to use these data for solving scientific and technological problems and problems of basic research.

The CDPhE intends:

1. To publish annually Information bulletins of MSU INP CDPhE containing information on experimental photonuclear data published in soviet and foreign scientific journals. In this activity MSU INP CDPhE considers it expedient to restrict itself to the region of the excitation energy of atomic nuclei between the nucleonic and mesonic thresholds.

2. To organize in the international exchange format EXFOR the compilation of experiment data on reactions with photons from works published by soviet authors, for the exchange between data Centres, dissamination among users, home use.

3. To exchange data with foreign Centres through the USSR SCUAE CAJaD.

4. To set up various computer libraries for nuclear data.

5. To develop a software complex for servicing the initiated, extracted, and disseminated data in the EXFOR.

Statuses:

1. The staff of the Centre for Photonuclear Experiments Data consists of a group of physisists investigating photonuclear reactions, a group engaged in analyzing photonuclear reaction data, a group for servicing a computer, and a program development group.

2. Tne MSU INP CDPhE has a EC-1022 computer with a maximum volume of working memory, tape recorders capable of reading and recording in the EBCDIC code on 9 tracks with a density of 800 BPI, changeable magnetic disk store devices with capacity of changeable packs of 29 Mb each, alphabet-digital displays, and other external devices of the EC standard.

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