

DAT 1324-0

MEMO 4C-A/22

Date: June 25, 1973

From: V. Manokhin and V. Bychkov

Subject: 1. Comments on the letter to Editors .
2. Comments on the reporting of
Four Centre Statistics.

Attachment.

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I. Comments on the letter to Editors (Memo 4C-I/34).

- a). We propose to remove the following text on page 2:
from the sentence " A statement such as this one,...."
until " The suggestion made here. . . ."
- b). We would like also to remove the part of text in
item 5, page 3 : "The manner of compiling data
compiled at present."
- c) We propose the paragraph "Recommendation to Authors of
papers on experimental nuclear physics "from document
presented by NDS, to insert into the letter to Editors
under the title "General recommendations to authors of
papers on experimental nuclear physics."
- d). The last four items in the letter to Editors we would
like to replace by following items concerning to neutron
physics .

I. Description of and / or quantitative characterization
of the neutron source and of the intensities, energies
and polarization of the neutrons impinging on and
leaving the target.

2. Quantitative characterization of the particles and radiations emitted from, or scattered by the sample.

3. Standard value, used for cross-section normalization (at non-absolute measurements).

4. Experimental facility (type of a reactor, accelerator etc.).

5. Experimental method.

6. Positive statement in what system are presented data on angular distribution (c-mass | or lab.)

7. Description of the sample material (isotope composition, number of nuclei (cm^2 , etc.))

8. Analysis of experimental results.

9. Description of corrections applied to experimental data.

II. Comments on the Reporting of Four Centre Statistics.

1. We agree with Memo 4C- I/35.

2. In connection with the document "Proposed Statistical Information on NDS Operations" we have following remarks:

- a) item on the top of page 2 should be replaced by :
" Any single combination of the variables Z, AQ."
- b).item 4 should be removed.