

BROOKHAVEN NATIONAL LABORATORY

MEMORANDUM

MEMO CP-C/141

DATE: June 27, 1985
TO: Distribution
FROM: V. McLane *vm*
SUBJECT: Permitted Ranges of Values for Numerical Data

Data set D0019.002 contains data values with large negative exponents (e.g., E-72). The PDP-10 cannot handle exponents with absolute values greater than 28. Since these numbers are meaningless, probably coming from computer processing of the data, I suggest they should be entered as 0.

I propose to enter the following wording in the EXFOR Manual, page 5.2.

3. The numerical data which must be FORTRAN readable using an 'E' format (see following, Numerical Data Formats). The values given must be either zero or have absolute values between 1.0000E-28 and 9.9999E+28.

Charles Dunford
Charles Dunford

VMCL:anl

Distribution

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d/f:10.3.1/CPC/CP-C-141

cc. *Bullen*
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