



to floating point - they are then converted back into characters	Endf2c
in a standard, officially approved format, for output.	Endf2c
As a last step to insure the accuracy of results the characters	Endf2c
to be output are again converted from characters to floating	Endf2c
point, and the numerical value that is output is compared to the	Endf2c
numerical value originally read, and if there is ANY DIFFERENCE	Endf2c
the characters strings read and written are listed in the output:	Endf2c
the characters strings read and written as well as the difference	Endf2c
is listed in the output report (ENDF2C.LST) and on the screen.	Endf2c
Running Time	Endf2c
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It takes only seconds to translate an ENDF formatted evaluation,	Endf2c
so running time need not be a consideration. Concentrate on	Endf2c
keeping it simple and reliable - that should be your focus.	Endf2c
Documentation	Endf2c
-----	Endf2c
ALL of my codes that process ENDF data and change it in ANY WAY	Endf2c
document what they have done by adding comment lines at the end	Endf2c
of the comment section (MF/MT=1/451) of each evaluation. This	Endf2c
allows data users to determine the pedigree of the data they are	Endf2c
using, by reading these comments. This code documents what is has	Endf2c
done by adding the following 2 comment lines.	Endf2c
***** Program ENDF2C (Version 2019-1) *****	Endf2c
Convert ENDF Data to Standard FORTRAN, C and C++ Format	Endf2c
WARNING - This documentation is IMPORTANT to data users and it	Endf2c
should not be deleted.	Endf2c
Written by	Endf2c
-----	Endf2c
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