

ENDF-6 Formats Manual and Checking Codes

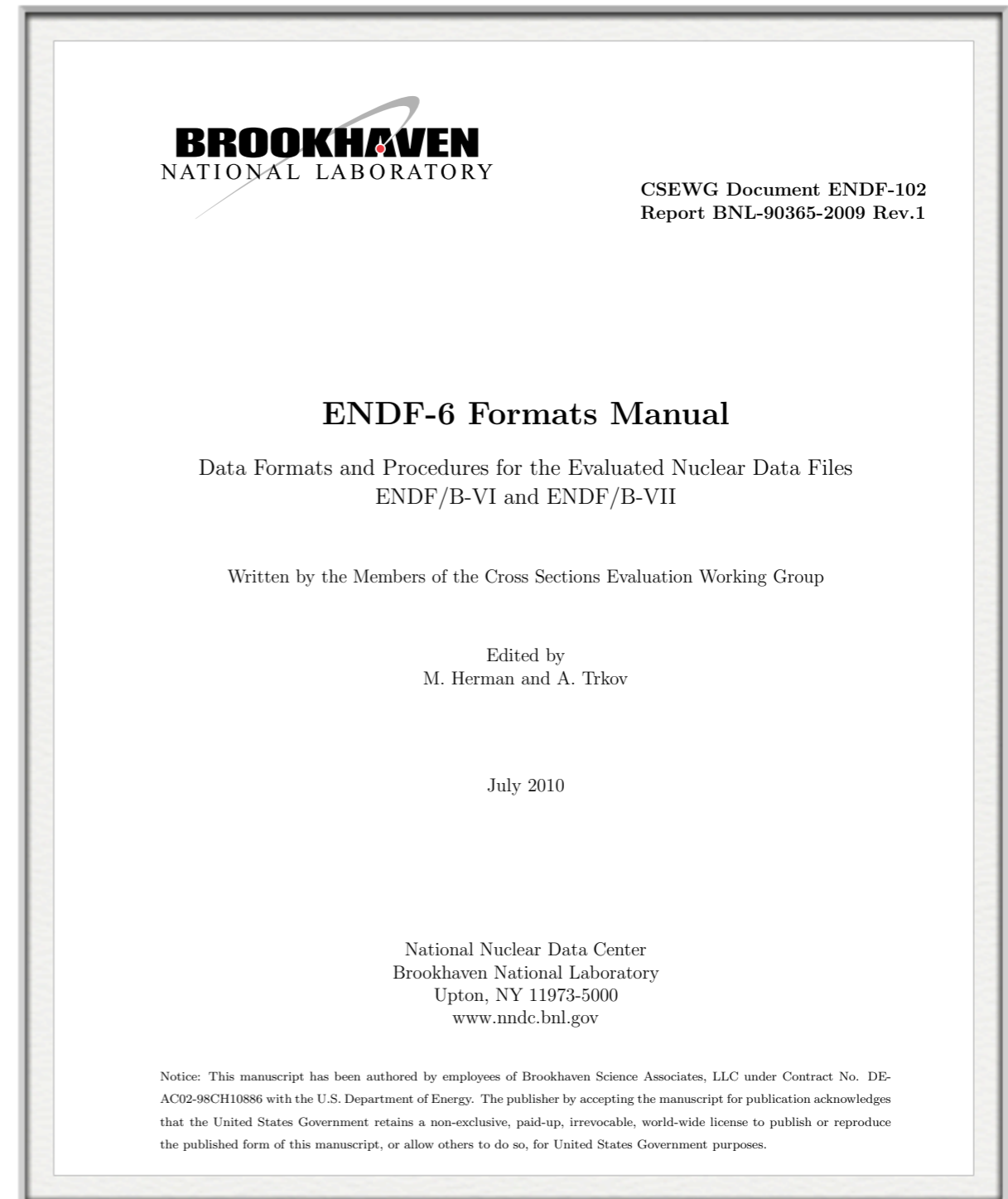
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ENDF-6 Formats Manual

- Last version released in July 2010 - includes format changes endorsed by CSEWG09
- We plan one update per year
- LaTeX source updated more frequently and maintained under GForge (public access)
- Recent changes
 - Correction of descriptive text defining A_n as mass ratio in Chapter 7
 - Correction of trivial typing errors (mainly in Chapter 0)

Thanks to Cecil Lubitz for continuing 'sniffing' for bugs



ENDF-6 checking codes (by A. Trkov)

- CHECKR Version 8.06
 - The ENDF-6 format extensions regarding the scattering radius uncertainty in MF32 were implemented, as approved at the November 2009 CSEWG Meeting.
 - CHECKR tests for STA and NST in decay libraries
- FIZCON Version 8.04
 - The ENDF-6 format extensions regarding the scattering radius uncertainty in MF32 were implemented, as approved at the November 2009 CSEWG Meeting.
 - The changes proposed by M. Kellett were not included yet.
- STANEF Version 8.02
 - The ENDF-6 format extensions regarding the scattering radius uncertainty in MF32 were implemented, as approved at the November 2009 CSEWG Meeting.
- PSYCHE Version 8.01
 - Small cosmetic corrections to the code were made. The code is not sensitive to the Format extensions regarding the scattering radius uncertainty.

ENDF-6 checking codes distribution

- Current versions are maintained under GForge as part of the EMPIRE code (can be downloaded individually)
- Only FORTRAN sources posted on the NNDC website - current versions use standard FORTRAN and can be compiled on any system with standard compilers
- NNDC considers a possibility of having users run ENDF-6 checking codes on NNDC servers