



Update on ENDF/B-VI Translation

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Status of fete (From ENDF/B-VI To ENDL)

Herculean effort because of wildly different formats

ENDL: simple point wise linear interpolated data everywhere
(great for plotting & applications)

ENDF/B-VI: physics driven, condensed format
(compact, detailed, international standard)

fete has reached beta stage:

- Implementing most recent additions to ENDF/B-VI formats
- Bug-squashing & code clean-up
- Draft of documentation

We have uncovered several bugs in ENDF/B-VI itself

Summary of (some) Bugs in ENDF/B-VI



Typos:

- deuterium
- ^{209}Bi
- possibly ^{233}Pa
- $^{237}\text{Np}^*$
- ^{249}Bk

Too little/too much data:

- ^{14}N
- $^{233}\text{U}^*$

???:

- $^{237}\text{Np}^*$
- Interpolation type 12

** May be fixed in ENDF/B-VII beta evaluations*

LANL, NNDC, and probably others have similar lists
Possibly a lot of duplicated effort

Central ENDF/B-VI Bug Tracking?



<http://www.nndc.bnl.gov/csewg/errors.html> is a great start...

Manpower limited & want to avoid duplication of effort:

- Don't want to keep finding same bug over and over again
- Want to know status of fixes
- Can prioritize fixes
- Spend time fixing ENDF/B-VI, not maintaining a bug-tracking web-site
- Open record of finding & slaying bugs
- *Not a replacement for peer-reviewing evaluations*

A solution: Automated, web-centric tool, e.g. bugzilla?

