

Subjects for NJOY User group Meeting

ERRORF

A brother code with the ERRORJ code. This code has the function to generate the group structure covariances of shielding factors (f-tables) from ENDF format covariance files. The user can evaluate the error of the Doppler reactivity by multiplying the covariances with the f-factor sensitivity coefficients which can be obtained the SAGEP-FR system.

- ERRORJ is now integrated into NJOY. Should ERRORF also be integrated?

S(α,β) for very low temperatures

- Interpolation law: logarithmic rather than linear?
- Are 64 bit computers required (or 64 bit emulation?)
- Are there still outstanding problems for very low temperature processing?

Are there remaining problems for special purpose files or applications?

1. CERN claims problems with processing data with outgoing charged particles (spectra) problem in the data or problem in NJOY?
2. Any issues on delayed neutron processing?
3. Issues on decay data?

Further processing of NJOY output files

1. ACE files: interpolation for different temperatures
2. GENDF, MATXS files: further processing into application libraries
3. TRANSX-2005 Fortran-90/95 style
The new features are a capability to generate multigroup Monte Carlo data files for MCNP and changes to link with the Partisn SN code from Los Alamos, Will this be released?

Further developments

1. Simakov's extension (FZK) : the NJOY's code module has been modified to account for "survived defects during processing of the evaluated data" will this be integrated into NJOY?
2. Rochman's Processing MF-32 and the scattering radius with ERRORJ

Other Issues

- Future Update Strategies
- Issue Tracker
- Transition from NJOY99 to NJOY2008
- Training & LANL/User Interaction
- Test Problem Suite
- File Checking