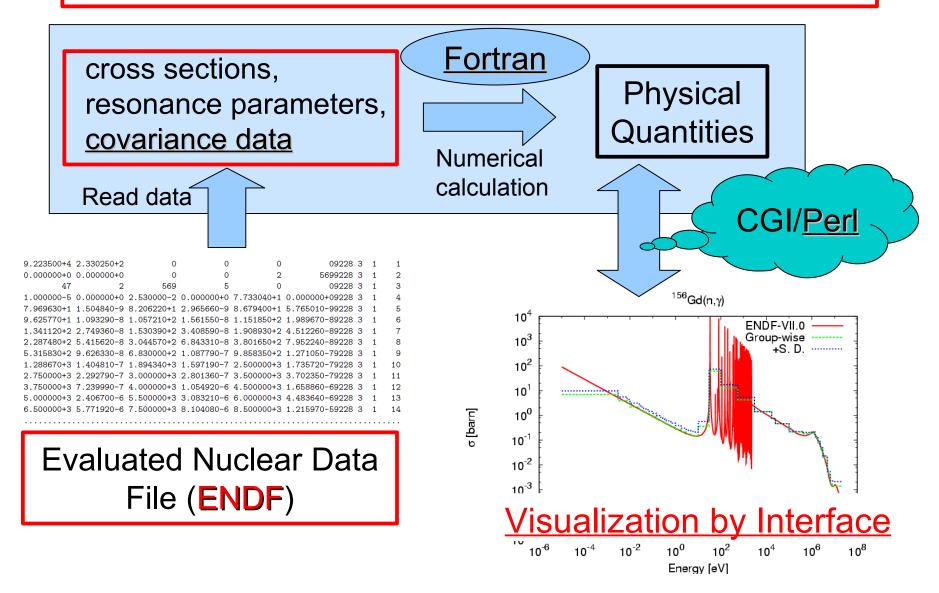
Interface with Evaluated Nuclear Data File

- Evaluated nuclear data have <u>covariance data</u> that represent uncertainties derived from measurement and analysis.
- One can estimate errors of physical quantities by using the covariance data in the evaluated nuclear data file (ENDF).
- However, the format of ENDF is too complicated for users without the knowledge of its format to utilize its information directly.
- <u>This interface visualizes cross sections</u>, <u>variance, and covariance calculated with ENDFs</u> for support of general users.

Interface with Evaluated Nuclear Data File



Present stage of the interface

This interface can display

- cross sections and standard deviations (variance).
- group-wise (44-groups) cross sections and standard deviations.
- group-wise covariance.

<u>Future plans</u>

We will make this interface available for

- other group structures (70, 238 groups, and so on...).
- correlation matrix normalized from covariance.
- comparison with other covariance data except ENDFs.