Personal initiative to parse ENSDF data sets to: (i) compare with EGAF; (ii) generate RIPL-formatted data sets.

Interpreted data can also be *translated* into an XML hierarchy.

Appropriately defined hierarchy is synergistic with GND development @ LLNL and would augment modernisation of the nuclear data infrastructure.

Task 1 of the NDWG: *Revitalizing the Nuclear Data Pipeline* (Topic Area lead: David Brown, BNL)

Representative translation of standard one-card (primary) records is available in the lab report: A. M. Hurst, LBNL-1004483 (2016) [https://publications.lbl.gov/islandora/object/ir%3A1004483](https://publications.lbl.gov/islandora/object/ir%3A1004483)

Thanks to David Brown (BNL) and Caleb Mattoon for feedback!

Next steps (format only): (i) Continuation records (already began);
(ii) Round-trip translation i.e. ENSDF2XML and XML2ENSDF: Python [lxml](https://lxml.de) library provides methods and high-level functionality adept for this task;
(iii) Comments? Machine Learning methods for data classification?