

Integrated, Automated, and Reproducible Nuclear Data Processing at the NEA

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Abstract:

The preservation of the data is a priority at the NEA Data Bank. In this context, “preserving data” means: verifying, processing, sharing, improving, and storing the data. The NEA wants to automatize this process as much as possible in order to provide the JEFF community with reproducible good quality data. The Data Bank decided to work with GitLab, a web-based distributed Version Controlled System that allows tracking changes over time and across different users. The author will present the current status of the NEA pipeline, an ongoing collaborative effort to standardize the way nuclear data is processed..