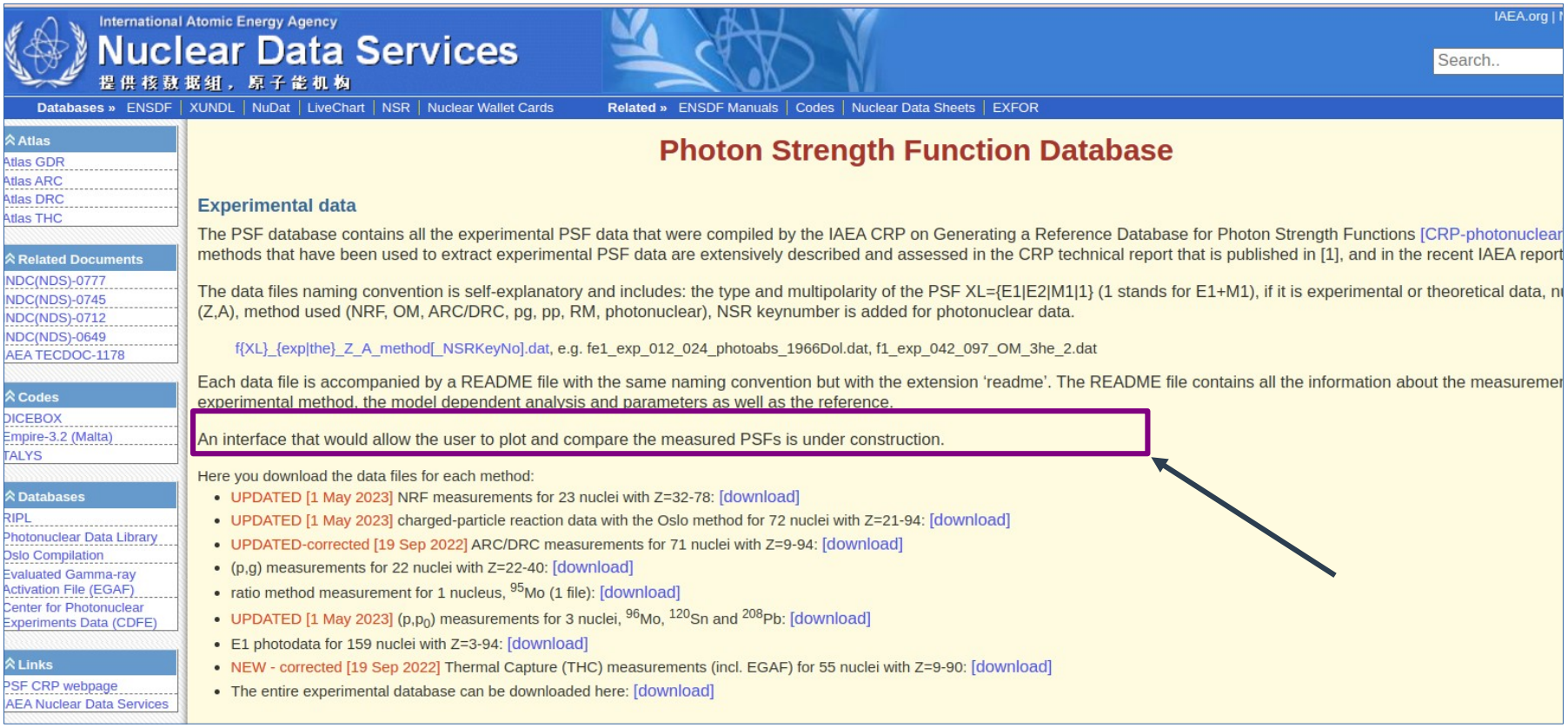
Interactive PSF database Interface

S. Jongile

iThemba Laboratory for Accelerator Based Sciences, Old Faure Road Faure, Somerset West PO Box 722 Somerset West, 7129 South Africa

Current PSF Interface

The current Interface serves to make evaluated data available for the users to download by method or the entire database



Overview of the key features of the Interface

The 3 keys features to the new interactive interactive Interface are the SEARCH, PLOT, DATA and TABLES

1) Search Features (Querying the database):

Flexible Search: Easily search by Z, A, XL, or Method.

User-Friendly: Auto-complete functionality ensures you only see available records.

Error Handling: If an item doesn't exist, you're promptly notified.

2) Plotting Data:

Instantly generate plots based on search criteria.

Customizable views: Toggle axes, zoom, and deselect traces.

Download your results: Save plots as PNG or download query results in ZIP & CSV formats.

3) Data Table:

Displays results in a detailed table format.

Features: Pagination, search, and ordering.

Intuitive: Search is case-insensitive and table can be ordered by multiple criteria.