IBANDL maintenance system and new Web interface

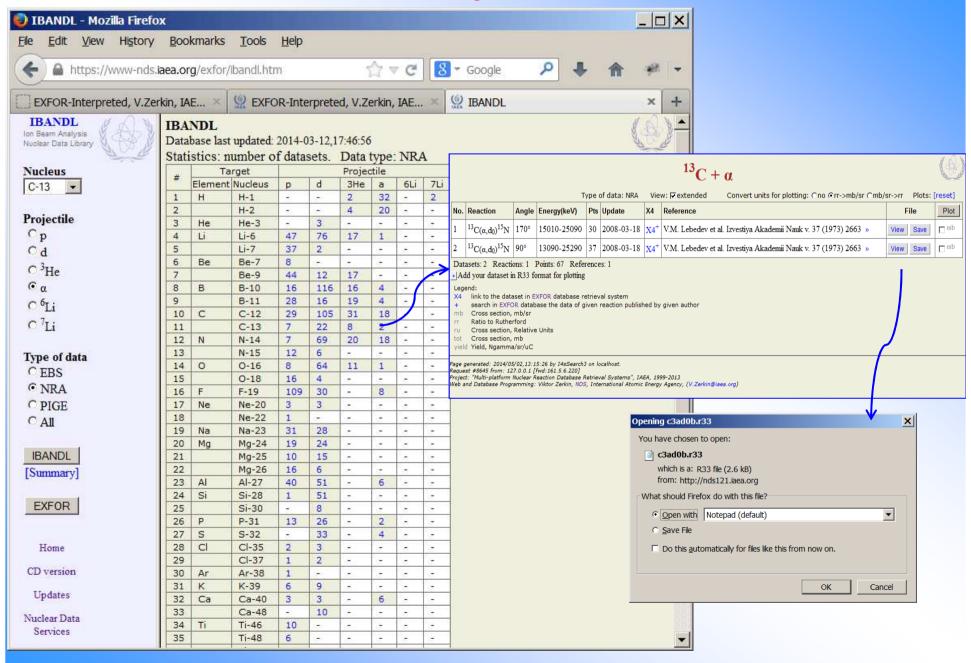
Viktor Zerkin

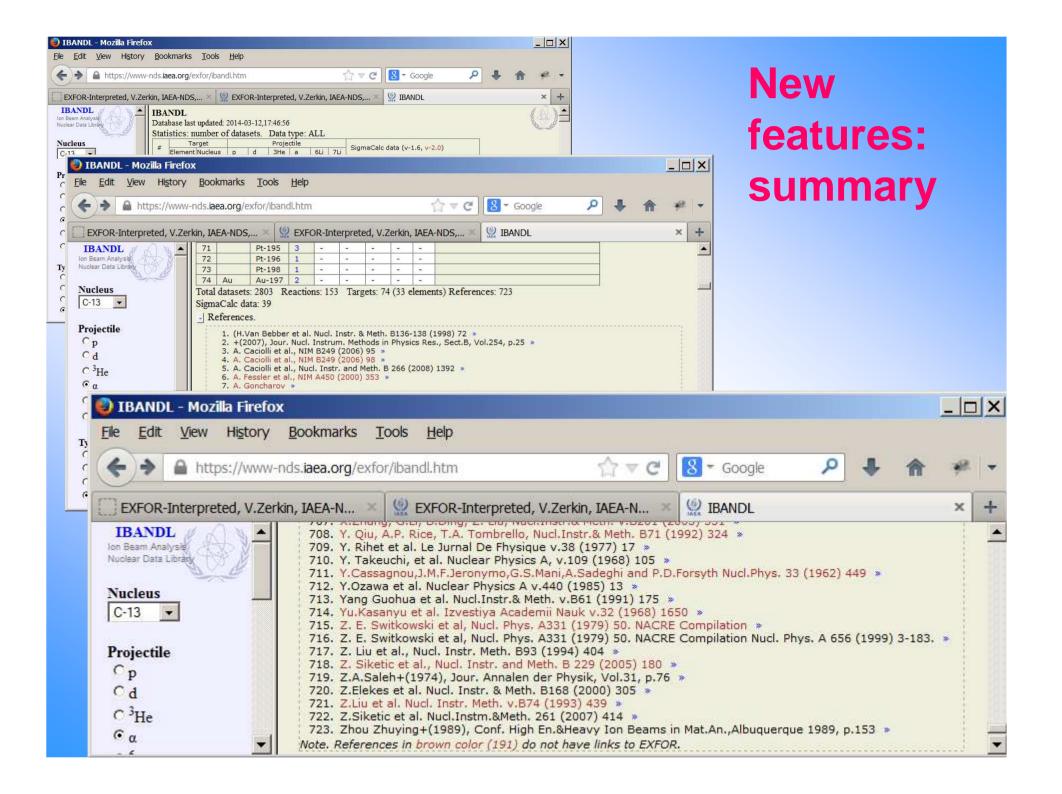
International Atomic Energy Agency, Nuclear Data Section

IBANDL at the **IAEA-NDS**

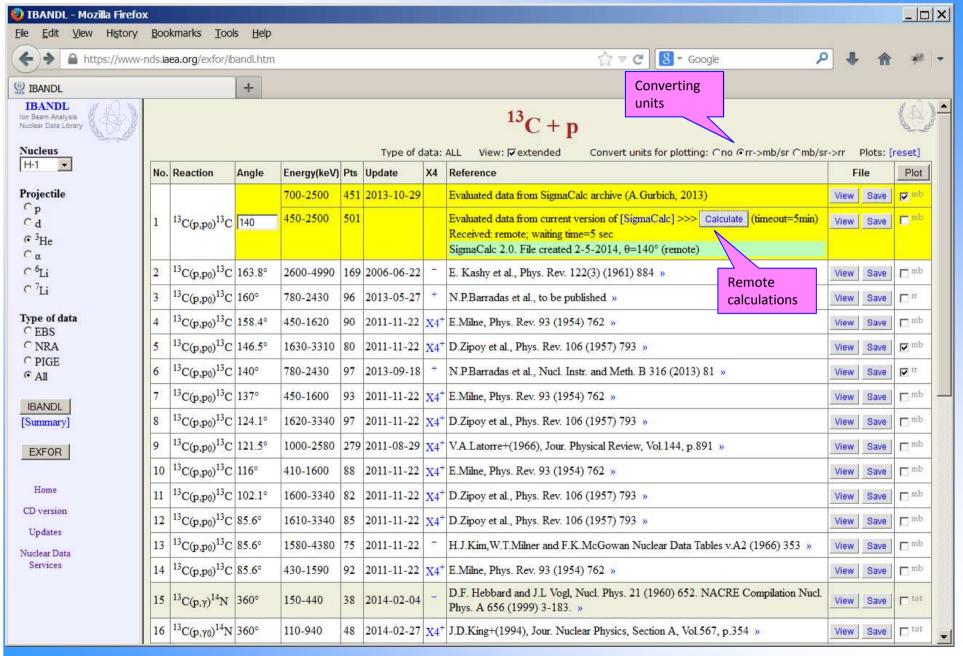
- **IBANDL** (Ion Beam Analysis Nuclear Data Library) contains experimental data (set of files with angular distributions in R33 format), specialized for IBA community and applications
- 1.Library is maintained in the IAEA-NDS by NDS staff since 2013
- 2.Maintenance system: X4-R33 converter, Web-plotting for checking result of compilation. Staff: P. Dimitriou (data selection), V.Semkova (compilation), V.Zerkin (software support)
- 3. Web interface software: before 2013 (A.Gurbich): Perl scripts, Fortran executables (SigmaCalc), plotting Perl-library; after 2013 (V.Zerkin): Java-servlets, Web-ZVView plotting
- 4. Web interface features: connection IBANDL-EXFOR, additional entrance via summary, listing of publications

New features: summary

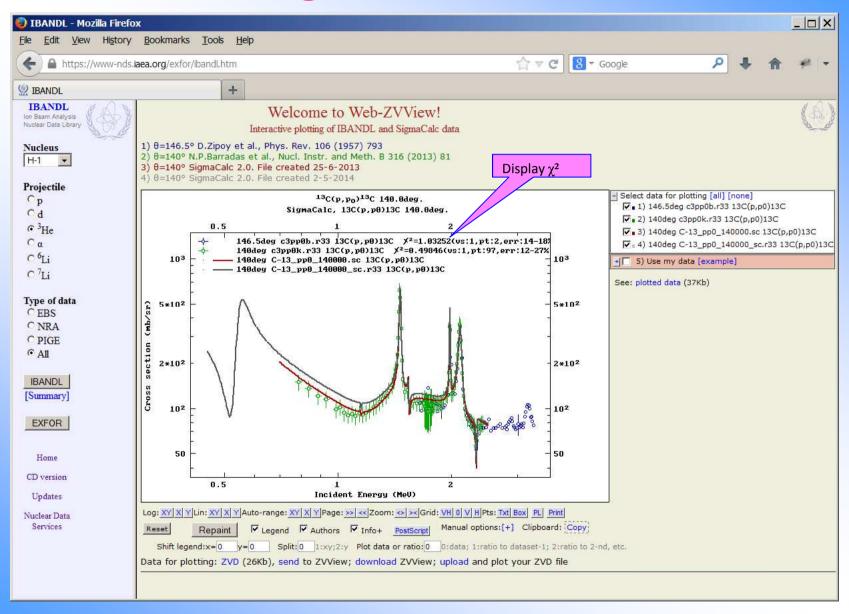




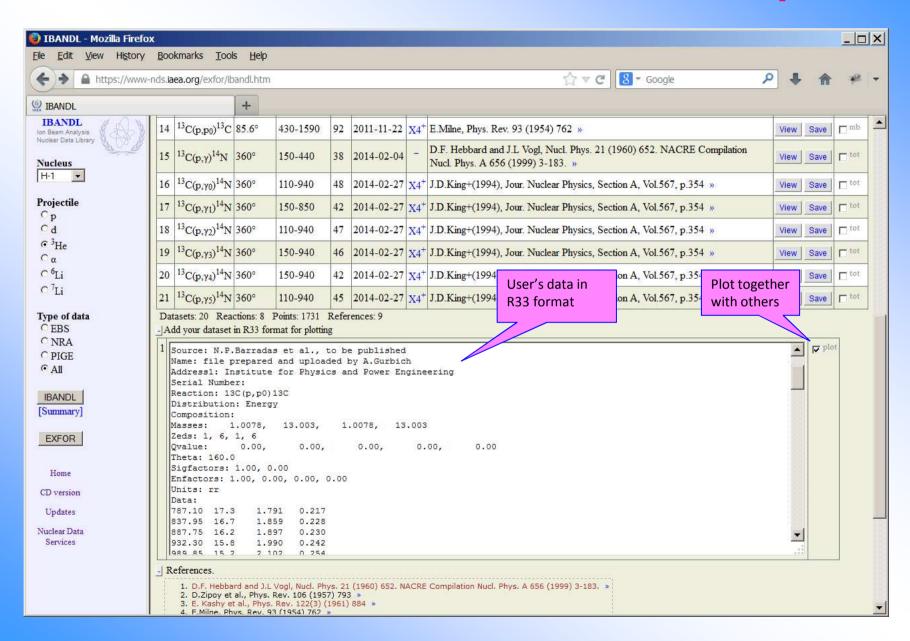
Web-interface to IBANDL and SigmaCalc data



Plotting with Web-ZVView



Add new dataset to Web interface for plotting



Concluding remarks

- 1) Maintenance of IBANDL in NDS and crosschecking with EXFOR can be useful for EXFOR compilation
- 2) Checking IBANDL references and keeping them uniformed can help for comparing to EXFOR database

Thank you