

ACTIVITY of CAJAD
to technical nuclear data centers meeting
Vienna, 17-19 June 2003
S.Babykina
Nuclear Structure and Reaction Data Center,
Kurchatov's Institute,
Moscow

Our **Exfor activity** had two main direction-

1. **Compilation A -Library.**

After last meeting 2002 we prepared **A053 , A054**
And A055 Trans files. These Trans files contains monitor reaction data, astrophysical data, fission data. The files include new entries and some corrected old entries. We have some remarks for A055 TRANS. We will corrected this TRANS after the discussion at our Meeting disputable moments.

2. **Team-work** with NEA DATA-BANK.

During 2002 year 100 Entries were prepared and included in O-library. This Entry contain differential data for elastic and inelastic scattering and production cross section radioactive and stable isotopes, data for material analysis by charged beams. This work is orientated for nuclear wastes transformation , medical applications and material analysis. The part of compiler entry was devoted new method of measurements- total charge-changing cross section measurements, knowledge of it is essential for many research areas including astrophysics, cosmic ray propagation, radiation protection of man in space and clinical treatment of cancer.

3. Checking Codes.

We use to check our TRANSES and ENTRIES two checking codes-

- our checking code
- CHEX

It is very useful, because the codes are not similar and different errors are finding.

4. We met some difficulties to organize the Internet site for our Centre.

Therefore we decide to use the site of Varlamov's Centre. Our coloboration is very usefyl for both Centres.