

ACTIVITY of CAJAD  
for the  
**IAEA Technical Meeting:**  
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Our **Exfor activity** had two main direction:

1. **Compilation A -Library.**

After last meeting 2003 we prepared **A056 , A057, A058 and A059 Trans files**. These Trans files contains astrophysical data, fission data, monitor reaction data. The files include new entries and some corrected old entries.

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

During 2003 year 100 Entries were prepared and included in O-library. These Entries contain mainly 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 mainly for nuclear wastes transformation, medical applications and material analysis.

All our activity connects with compilation papers, which have been published in scientific journals. Often authors use 'strange' units of measurement for experimental data, give 'strange' definition physical processes. (see O1072, for example). What has to compiler does in this cases? These complex cases often present in the papers in last time.

### 3. Checking Codes.

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

- our checking code
- CHEX from V. McLane

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

### 4. **Evaluations**

Some evaluations of production cross-sections for reactions, which were not measured yet. Energy region is limited by beam energy of usual cyclotron (< 30 MeV). The evaluations use nuclear reactions systematic

One example of similar evaluation is given on next page.

# $^{103}\text{Pd}(p,2n)^{103}\text{Ag}$

