

ACTIVITY OF CAJAD

for the

**Consultants' Meeting on the Co-ordination of Nuclear Reaction Data Centres
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Our **Exfor activity** had two main directions:

1. **Compilation A-Library**

After the last meeting in 2000, we prepared **A048 and A049**

Tranases - The Trans contains monitor reaction data, astrophysical data

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

During the year 2000, 100 entries were prepared and included in O-library. These entries contain differential data for elastic and inelastic scattering and production cross section radioactive and stable isotopes. This work is orientated for nuclear wastes transformation and medical applications.

3. **The Data Base**

The data base has been prepared at the CDFE using the charge particle reaction catalogue data file produced by CAJAD. This data base is the first experience of the reaction index preparation using the problem-oriented retrieval from the charge particle reaction cross sections part of the international EXFOR nuclear data library. The data for stable and radioactive final nuclei production reactions are included. Numerical data from EXFOR SUBENT DATA tables are available for all catalogue cross sections. Many of the selected cross sections can be obtained in graphical form.