

ACTIVITY of CAJAD  
for the  
**IAEA Meeting:**  
**Vienna,**  
**23-27 May 2011**  
**S.Babykina**  
**Nuclear Structure and Reaction Data Center,**  
**Kurchatov Institute,**  
**Moscow**

Our **Exfor activity** had main direction-

1. **Compilation A -Library.**

After last meeting 2010 **A067, A068, A069, A070 and A071** trans file were prepared.

The number of new entries of charged-particles induced data was 50 and 73 corrected entries, which were updated according new exfor rules and last meeting conclusions. Basically the new entries contains the experimental data on elastic and inelastic scattering ,fission cross sections.

TRANS	TRANS- Status	ENTRIES Total	ENTRIES NEW	ENTRIES Revised
<b>A067</b>	<b>Final</b>	<b>29</b>	<b>14</b>	<b>15</b>
<b>A068</b>	<b>Final</b>	<b>14</b>	<b>12</b>	<b>2</b>
<b>A069</b>	<b>Final</b>	<b>16</b>	<b>6</b>	<b>10</b>
A070	Prelim	46	00	46
A071	Prelim	18	18	00

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

During 2010-2011 years 125 new and 46 old entries were prepared and included in O-library . These entries contain mainly differential data for elastic and inelastic scattering, proton induced fission and spallation cross sections and proton induced residual production data.

---

TRANS	TRANS- Status	ENTRIES Total	ENTRIES NEW	ENTRIES Revised
<b>O041</b>	<b>Final</b>	<b>89</b>	<b>79</b>	<b>10</b>
<b>O042</b>	<b>Final</b>	<b>30</b>	<b>00</b>	<b>30</b>
O044	Prelim	52	46	6

---

## 3. Checking Codes and Exfor Editor.

We use to input and check our TRANS and ENTRIES

-Exfor Editor(G.Pikulina,Sarov)

-CHEX( V.Zerkin,IAEA)

#### **4. Future plans**

- **Compilation of the new experimental CPND, measured in **Russia** and countries of former **Soviet Union** (except **Ukraine**),**  
also compilation of experimental data on charged particle induced nuclear reactions  
(voluntary compilation -**Category B**) in coordination with **IAEA NDS**.