

**Nuclear Data Evaluation Lab. (NDEL) of  
Korea Atomic Energy Research Institute (KAERI)**

Progress Report to the  
IAEA Technical Meeting of Nuclear Reaction Data Centers (NRDC)  
23 - 24 May, 2011

Web: <http://atom.kaeri.re.kr/>

## 1. EXFOR activity

At the NRDC2010 Meeting, the progress report of KAERI/NDEL was consisted of the produced 9 EXFOR entries. It is same with Table 1.

Table 1. Compilation statistics of KAERI/NDEL to the NRDC2010 meeting

#	TRANS	ENTRY	SUBJECT	STATUS
1	D069	D0570	Charged particle	EXFOR
2	3139	31675	Neutron	EXFOR
3	G020	G0015	Gamma	EXFOR
4	G020	G0016	Gamma	EXFOR
5	G020	G0017	Gamma	EXFOR
6	G020	G0018	Gamma	EXFOR
7	G020	G0019	Gamma	EXFOR
8	G020	G0020	Gamma	EXFOR
9	3144	31679	Neutron	EXFOR

Since the NRDC2010 Meeting, we are continuing data compilation for nuclear reaction data obtained in Korea under the guidance of IAEA/NDS.

The total 10 Entries were produced and listed in Table 2. These entries contain mainly an experimental data for neutron total cross section, isomeric-yield ratio induced by bremsstrahlung, photo-fission yields and the production cross section by proton induced reactions. Five of total 10 entries were entered at the EXFOR and the others were compiled or were reserved.

Table 2. The present compilation statistic

#	TRANS	ENTRY	SUBJECT	STATUS
1	3145	31688	Neutron	EXFOR
2	3145	31689	Neutron	EXFOR
3	G021	G3101	Gamma	EXFOR
4	3146	30826	Neutron	EXFOR
5	D074	D7001	Charged Particle	EXFOR
6		30827	Neutron	Reserved
7	G022	G3102	Gamma	PRELIM
8	G022	G3103	Gamma	PRELIM
9	G022	G3104	Gamma	PRELIM
10		D7002	Charged Particle	Reserved

## 2. Checking Code.

The drafts produced by us are checked through the following website.

<http://www.jcprg.org/exfor/tool/>

## 3. Future compilation plan

We are going to compile the ENTRY number G3105 and for nuclear reaction data obtained in Korea in collaboration with IAEA/NDS in the future.