Nuclear Data Section
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Memo CP-D/724

Date: 20 December 2011
To: Distribution
From: N. Otsuka, S. Dunaeva, S. Babykina

Subject: **LEXFOR entry "Institute" and "Reference"**
Reference: Memo CP-N/96 (Rev.)

Following the discussion in Memo CP-N/96 (Rev.) to introduce a new related reference code "O" (reference to related data compiled in another entry), we propose to amend the first paragraph of the current LEXFOR entries:

LEXFOR "Institute"
Separation of entries by areas *(now titled "Compilation in separate entries")*
If separate experiments from different service areas with clearly separated results are reported in the same paper, the results should be compiled in separate entries. This applies also if the data were measured at one laboratory, and, subsequently, analysed at another laboratory and the laboratories are in different areas. The entries may be linked using the `REL-REF` code `O` with a free text explanation (see also **REFERENCE**).

LEXFOR "Reference"
Compilation in separate entries *(new)*
If data sets from different works of an experimental group published in one article are compiled in several entries (e.g., data from different areas published in the same paper), these entries may be linked using the `REL-REF` code `O` with a free text explanation.

Example:
1. Two entries in two different areas (neutron and photon-induced reaction data)

```
TITLE      Isomeric yield ratios in the productions of Sm-143-m,g,
           Nd-141-m,g, Zr-89-m,g and Pd-109-m,g by 14 MeV neutrons
           and 15-20.5 MeV bremsstrahlung
…
REFERENCE  (J,BJP,14,152,1987)
            Both neutron and photon reaction data given
REL-REF    (O,G0004001,Hoang Dac Luc+,J,BJP,14,152,1987)
            Photon induced reaction data compiled
...
```

2. Two entries in the same area (proton and deuteron-induced reaction data)

```
TITLE      Investigation of proton and deuteron induced reaction
           on cobalt
...
REFERENCE  (J,KPS,59,1697,2011)
            Both proton and deuteron reaction data given
REL-REF    (O,D4232001,F.Ditroi+,J,NIM/B,268,2571,2010)
            Deuteron induced reaction data compiled
...
```

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