**Nuclear Data Section**

**International Atomic Energy Agency**

**P.O.Box 100, A-1400 Vienna, Austria**

**Memo 4C-3/0425**

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**To:** Distribution

**From:** N. Otsuka

**Subject: LEXFOR “Thermal-neutron scattering”**

**Reference:** CP-D/1126

As it was discussed in Memo CP-D/1126 (“Correction of datasets having zero values”), EN=0 is legal for the scattering length *b* and the cross section defined by σ=4πb2 as they are defined at the long wavelength limit. To clarify this point, I propose addition of the following sentence in the paragraphs “Coherent and incoherent scattering lengths” and “Coherent and incoherent scattering cross sections” of LEXFOR “Thermal-neutron scattering”:

“These quantities are coded with zero under the heading EN.”

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