

Evaluated Data Library under MONIT-REF and REL-REF

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Coding rule of library codes under MONIT-REF and REL-REF is proposed. In the current rule, we put library names under MONIT in free text like

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MONIT      ( (MONIT) , 92-U-235 (N, F) , , SIG) ENDF-B/VI.8
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Inclusion of library names as coded information would make a possibility to renormalize absolute cross section by newer standard cross sections automatically.

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Standard cross sections in evaluated libraries are often used to normalize experimental data points. In TRANS.2189, for example, 3 works (23002, 23007, 23016) referred evaluated libraries to normalize their cross sections. Information of reference cross section enables users to renormalize compiled experimental data by newer standard cross section. Therefore we propose the rule evaluated data library coding under MONIT-REF and REL-REF.

Reference Field. Must be present. May contain up to 6 subfields, coded exactly as under REFERENCE. (See page 7.22 and following). **Specific coding rule for evaluated data libraries is as follows: (3,code-version,,date) or (3,code-version,mat-number,date) with a code from Dictionary 144 (Data Libraries).**

Examples:

MONIT-REF ((MONIT),H.Matsunobu+,3,JENDL-3.3,,2002)

MONIT-REF (,L.W.Weston+,3,JEFF-3.1,9228,2005)

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