

Studsvik Core Analysis

Date
1993-11-08
Your date

OECD/NEA
Att: Mr. Claes Nordborg
Le Seine St-Germain
12, Bld des Iles
F-92130 Issy-les-Moulineaux
France

Claes,

I have found some big differences, which might be of interest for you, between data libraries regarding the resonance integral for infinite dilution (after processing with NJOY).

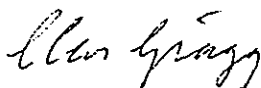
	JEF-2.2	ENDF-B/6	JENDL-3	New "BNL-book"
Eu-154	2555	1341	1305	802
Eu-155	2173	19380	18560	23200
Er-166	141	98		96

The 2200 m/s absorption cross section values are:

	JEF-2.2	ENDF-B/6	JENDL-3	New "BNL-book"
Eu-154	1512	1353	1353	1340
Eu-155	3632	3282	4057	3950
Er-166	35	19.6		19.6

There is a formal error for Mo-100 in JEF-2.2.
Please see enclosed printout lists.

Regards,



Clas Grägg

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