

**Nuclear Data Section
International Atomic Energy Agency
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Memo CP-D/667 (Rev.)

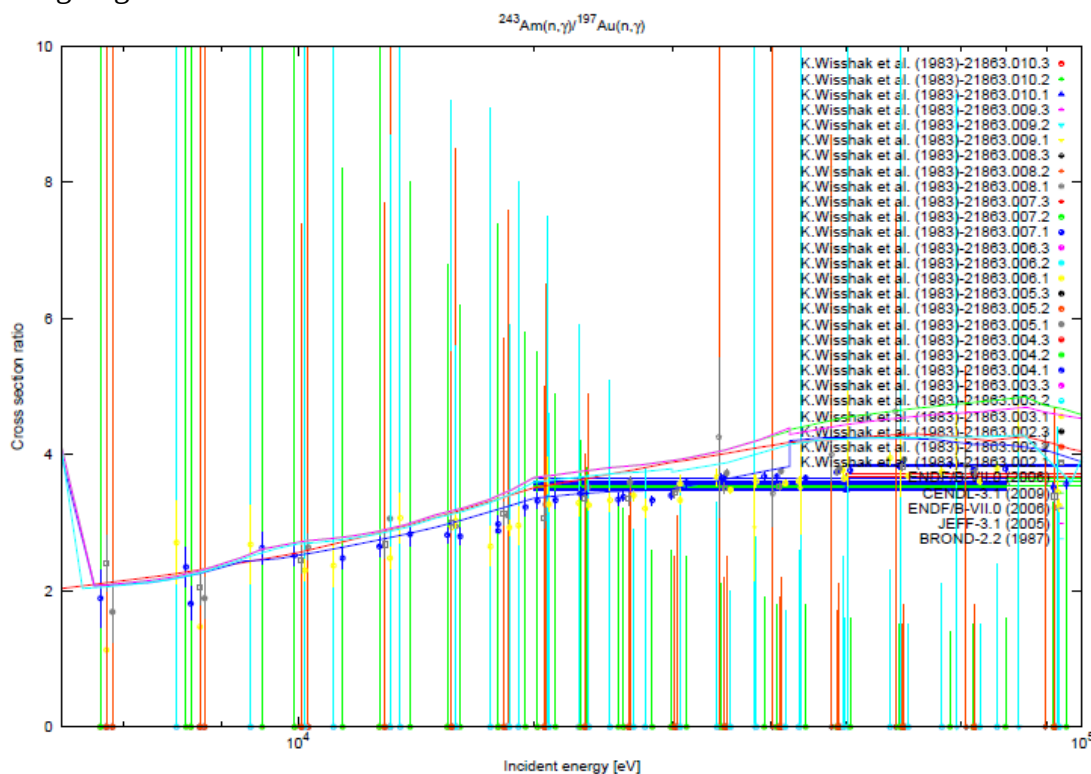
Date: 24 September 2010

To: Distribution

From: N. Otsuka

Subject: PER-CENT coded under DATA(-CM)

I plotted cross section ratios of $^{243}\text{Am}(n,\gamma)^{244}\text{Am}$ to $^{197}\text{Au}(n,\gamma)^{198}\text{Au}$ measured by K. Wisshak and F. Käppeler (EXFOR 21863) with evaluated data libraries, and got a strange figure:



I found PER-CENT is coded under DATA illegally.

The heading PER-CENT can be used only for uncertainties in EXFOR. If a **dependent variable is given in % by authors**, it must be divided by 100 and entered with the unit code NO-DIM. (except for “per 100 fission”).

The following subentries must be corrected. Do not divide DATA values by 100 automatically. The original article must be checked before corrections.

Area 1: 11116.003, 12813.006, 12855.002

Area 2: 20874.002, 21715.002, 21772.007, 21863.002-009, 21885.002, 21903.002-005, 21919.003, 21919.005, 21932.002-011, 21951.002, 21952.002-003, 21967.002, 21972.002, 21974.002-005

Area 4: 40019.002-003, 40210.004, 40307.003-013 (odd)

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