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**MEMO 4C-4/191**

DATE:	3 October 2011
TO:	Distribution
From:	V.Pronyaev, M.Mikhaylyukova
Subject:	Reply to Memo CP-D/699

16 data sets given in the memo CP-D/699 include the experimental data obtained by W.P.Poenitz from authors as private communications and were converted (where it was needed for combined fit of standards with GMA) in the primary measured quantities (such as cross section ratios, etc.). The additional comprehensive analysis of data was done: uncertainties components and their correlation properties were analyzed by W.P. Poenitz with assigning of some partial components and their correlation properties, in cases, when they were not determined by the authors.

Indeed, these experimental data have to be inserted in the EXFOR database.

We agree with the NDS introducing of new code PENTZ and propose to add the following explanation of the source of data in the Dictionary:

PENTZ (Data converted from the GMA input file prepared by W.P. Poenitz).  
Data compiled by W.P.Poenitz for the least-squares analysis of the neutron standard cross sections with the GMA code (Report ANL/NDM-139). Data obtained from the authors and converted in the form of the "primary" measured quantities where it was needed for the combined standards fit. Some partial components of the uncertainties may be assigned by Poenitz at the base of expert estimation.

**Reference:** trans 4153, Entry 41272.003.

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