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The JENDL-3 Sub-library for Gas Production

by T. Nakagawa and T. Narita

Summary of contents

by

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Abstract: This document summarizes the contents of the JENDL-3 Sublibrary for Gas Production. This nuclear data library contains neutron-induced production cross-sections of hydrogen and helium nuclei for elements from 3-Li to 41-Nb. The library or retrievals of selected materials are available on Cd-Rom or magnetic tape from the IAEA Nuclear Data Section upon request.

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Citation guidelines:

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Contents

The JENDL Gas Production File, which was released in 1992, contains neutron-induced gas-production cross-section data of 23 nuclei or elements in the range from 3-Li-6 to 41-Nb. The file is in ENDF/B-5 format. The number of records is about 4810. The data were extracted from the JENDL-3 library. For a detailed documentation see T. Nakagawa, T. Narita (eds.), report JAERI-M-92-076 (1992).

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