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Memo CP-D/503

Date: 5 May 2008
To: Distribution
From: N. Otsuka

Subject: Dictionary transmission 9096

- Dictionary transmission 9096 is available in three formats (Archive, Trans and Backup) from the NDS open area: <http://nds121.iaea.org/ndsx4/trans/dicts/>.
- These dictionaries and ZVV formatted dictionaries in zipped form are also available: <http://www-nds.iaea.org/exfor-master/backup/dicts-2008-05-05.zip>.
- All memos submitted before the end of March are considered in revision. Three quantity codes proposed in Memo CP-N/65 are under discussion.
- One quantity code PAR,MLT, ,RES (Partial multiplicity at resonance) is added into Dictionary 236 for corrections of 41443.002-004 and 41482.003.
- Plotting flag fields (I7) in Dictionary 24 were systematically checked by N. Soppera based on the C11 of the 2007 meeting, and revised in this transmission. Headings which are not required by any reaction types (e.g. PARITY, MONIT) are not treated as variables for plotting (i.e. I7 field is filled by zero). Feedbacks on this revision are welcome.
- Since TRANS.9087, the modifier TT (measured for thick target) has been treated as a general quantity modifier. This modifier is however sometimes improperly applied to (usual) cross section measured by the *thick target method* (TTM in Dictionary 21). In addition, definition of some quantities coded with TT is not clear (e.g. “ ,SIG , ,TT” – *thick target cross section*). Therefore the following modifications are done in this transmission:
 - 1) The flag GENQ of TT is removed in Dictionary 34.
 - 2) The modifier TT is added to the quantity code ,PY/IPA in Dictionary 236. An equivalent of this code ,PY/DA , ,TT/IPA has been in Dictionary 36.
 - 3) The quantity code PAR,MLT , * ,TT is added into Dictionary 236. This code has been in Dictionary 36.

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