

Status of WPEC SG30 List (A26)

(N. Otsuka, 2012-04-03, CP-D/736)

Since the last NRDC Meeting, all items registered to the WPEC SG30 were resolved for entries maintained by CAJaD, CDFE and CNPD while 16 entries in the WPEC SG30 list have not been corrected yet.

I know some of them are difficult to resolve (e.g., data from private communication). NDS compared these data sets with original publications, but could not judge whether they are mistakes or not. When the reason of the deviation from other experimental data sets is not clear, compilers may add a comment under the keyword `CRITIQUE` without further correction.

Entry #	Comment from WPEC SG30	Error?	Centre
10074.043	likely to be the same issue as in 10074.052	?	NNDC
10772.003	~4 times too large. However, this data are more or less consistent with the total (n,2n).	?	NNDC
10835.014	1000 times too large	?	NNDC
11329.032	The first point (at 175 eV) is probably wrong. Its value corresponds to one of the last points (at 175 keV).	Yes?	NNDC
11504.006	~3 times too low	?	NNDC
11655.002	~10 times too low compared to other "RI" data. However, the value is consistent with "RI,RNV" data.	?	NNDC
11740.004	~100 times too low	Yes?	NNDC
12343.002	The last point (at 7.75 MeV) is ~2 times too low	?	NNDC
12602.003	~1000 times too low	Yes?	NNDC
12912.003	~4 times too large	?	NNDC
12977.003	~2 times too low. However, these values are consistent with gs production.	Yes?	NNDC
13783.004	100 times too large	?	NNDC
13799.002	Is this reaction code accurate enough? Data looks like delayed neutron energy spectra (not nubar vs. energy). Moreover, the unit (<code>PC/FIS</code>) does not seem appropriate.	Yes?	NNDC
20939.005	~100 times too low. Are these values xs?	?	NEA DB
22965.002	2 data sets in the same list??	?	NEA DB
C0095.008	10 times too high? (see A0485010.png)	Yes?	NNDC