

Progress of Subgroup C (High Priority Request List: HPRL) in 2000

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Progress in 2000-2001

The 1998 version of HPRL has been revised and checked by HPRI Group of Japanese Nuclear Data Committee (JNDC) for updating the list. The sections 6 and 7 have been merged into one section as "Requirements for intermediate nuclear data". The detailed suggestions from JNDC checking are below.

Generally, it can be suggested:

- The 2001 version of HPRL should be kept as revised to keep the history.
- The next version (may be 2002 version) should be fully revised for the structure, request ID, the order of listing, etc.
- If the request is satisfied by evaluated files and/or experiments, the request should be removed. In this case, additional list, so to say "Satisfied List", should be prepared.

Suggestions from HPRI Group of Japanese Nuclear Data Committee (JNDC)

- General If the column of originator is lack, it should be filled.
The request number should be rearranged in order to search requested target easier. For example ZZ.AAA.(category).(serial number). And rearrange the list as target-wise.
The withdrawn items (4.A.13-14, 4.A.29, 4.A.34-41, 4.D.10, 4.H.37-38) should be removed.
It is better merge sub-sections 4.E, 4.F and 4.G.
The sub-section, 6.A, should be checked by A. Koning.
- 1.A.1 Check the experimental and evaluation status.
1.A.1-12 Check the requested accuracy.
For the revising the requests, the meeting is needed to be held. (at ND2001?)
- Section 2 Create the real request list table for the readers.
If not, this section should be deleted.
- 3.A.1-15 Met at 14 MeV?
Check the experimental and evaluation status.
Evaluation has achieved in accuracy 20%.
- 3.B.1 Is the reaction, $\text{Li-7}(n,n'p)$, mistaking $\text{Li-7}(n,n't)$?
Satisfied by evaluated files.
- 3.B.3 Satisfied by evaluated files.
- 3.C.4-7 Difficult to measure. Check the request accuracy.
- 3.C.9-12,15 Satisfied?
- 3.C.16,18,19,22 Is it important? Check the priority and request accuracy.
- 3.C.18 Is Sn-121 Sn-121m ?

3.C.23	Check the present status.
3.D.1	Move to 3.A. Check the request accuracy.
3.D.2-6	Move to 3.C.
3.D.7	Move to 3.C. Why Al-27 production?
3.D.8	Move to 3.C. Check the request energy range and accuracy. Satisfied?
3.E.1-12	Check the present status.
4.A.1	Check the purpose and request accuracy.
4.A.2,3	Check the present status.
4.A.4	Difficult to measure. Check the purpose.
4.A.5,6	Check the present status.
4.A.7	Check the request energy range. Check the purpose.
4.A.8-12	Check the present status.
4.A.15-16	Check the present status.
4.A.17	Same as 4.D.13. Move to 4.D. Check the request energy range. Check the present status.
4.A.18	Moved to 3.C.23.
4.A.19-26	Satisfied?
4.A.27,28	Check the present status.
4.A.30	Check the purpose. Check the present status.
4.A.31	Check the present status.
4.A.32	Move to 3.A.
4.A.33	Check the purpose.
4.B.2	Difficult to measure.
4.B.6	Check the purpose.
4.B.6-8	Check the request energy range and accuracy.
4.D.5	Merged into 4.D.6.
4.D.13	Same as 4.A.17.
4.D.15	Should be merged into 4.D.1
4.E.3	Should be merged into 4.E.2
4.E.5,6	Satisfied?
4.E.8,9,11	Check the purpose.
4.E.14	Should be merged into 4.E.13
4.E.17	Should be merged into 4.E.16
4.E.21	Check the purpose.
4.E.22-24,28	Check the present status.
4.E.29-33	Check the request energy range and accuracy.
4.F.9	Should be merged into 4.F.8
4.F.12	Should be merged into 4.F.11
4.F.14	Should be merged into 4.F.13
4.F.16-18	Check the request energy range and accuracy.

4.F.17,18	Check the purpose.
4.F.20	Should be merged into 4.F.19
4.F.22	Check the purpose.
4.F.23	Should be merged into 4.F.22
4.F.32	Should be merged into 4.F.31
4.G.1,2	Check the request accuracy.
4.G.3	Check the request energy range and accuracy.
4.G.7-9	Check the request energy range.
4.H.1-3,5-7	Satisfied?
4.H.8	Check the present status.
4.H.17	Satisfied?
6.B.8,9	Difficult to measure.