

KARLSRUHE CHARGED PARTICLE GROUP

DAF/310(7)
Information

KERNFORSCHUNGSZENTRUM · D-7500 KARLSRUHE · POSTFACH 3640 · TELEX 7328-484

Memo CP-B/20

30.1.1978

Subjects: Coding of Superheavy Elements
Multiple Monitors
Clarification of two Lab-Codes in Dict. 3

References: CP-D/51 to D/56 and CP-D/44
CP-C/26 to C/29

28/02/07
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1. CP-D/51 to D/54; CP-C/27, C/29

To these memos we have no comments, resp. we agree with the proposals or comments (especially with those of CP-D/52).

2. Coding of Superheavy Elements (CP-C/26 and D/55)

We have no objections against an element-code '*'. One should avoid, however, different codings (by a not agreed upon element symbol or by '*', as proposed e.g. by CAJaD in the status-report given on the Kiev-meeting) for one and the same element. Consequently, we would appreciate very much to obtain as soon as possible a definite rule, starting from which Z-number (102,103,104, 105?) the asterisk has to be used.

3. Multiple Monitors (CP-C/28, CP-D/44 and D/56)

We appreciate the comments of CP-D/56 and would like also to point on entry BOO25 as an example for a possible solution of the present problem. Though this coding is in contradiction to our own proposal (see CP-B/9 item II.1; we have overlooked this discrepancy when splitting up the former MONITOR-entries into MONITOR and MONIT-REF) it seems to give an unambiguous correlation between the corresponding information. We want to ask NNDC, whether their actual cases could be treated in this way (which might need in our opinion no changes in programs but only in the manual). If there remain unsoluble cases, we are open for further discussions.

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4. Institute-Codes 1USABRK and 1USALBL

The explanations for these codes in dict. 3 gave rise to some uncertainties. Is Lawrence Berkeley Lab. and Lawrence Radiation Lab. ^{the} same? Which code shall be used? A cross-reference or a short explanation should be included in dict. 3.

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