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Memo CP-D/429

Date: 18 April 2005
To: Distribution
From: O. Schwerer
Subject: **Replacing quantity code DA/CRL (Angular correlation)**

This is not a new proposal but rather a reminder about the new coding of angular correlations as approved at last year's NRDC meeting (see Conclusion C21 and WP 2004-14). While I see that all new entries are already coded in the new form, there are still a few (not many) entries in the file using SF6 = DA/CRL. (We agreed that DA/CRL is no longer needed, as mentioned in CP-D/409 and CP-C/350. The relevant pages are part of WP 2004-14.)

Therefore all quantities containing SF6 = DA/CRL are made obsolete in the dictionary update now being finalised. I found (only) 7 entries in the file containing DA/CRL:

20220, 22461, 30544, E1703, E1711, M0627, T0117

The responsible centers (NEA-DB, NDS, CJPRG, CDFE and NNDC/CNPD) are requested to retransmit these entries with the appropriate new coding. Remember that, according to the new formalism, we have the following types of angular correlations (with arbitrary particles in SF7):

, DA/DA, P/D	with ANG1, ANG2 and units like MB/SR2
, DA/DA, P/P+A	with ANG1, ANG-RL and units like MB/SR2
, DA/DA, P/D, REL	Ang.corr.function, with units ARB-UNITS
, DA/DA, N/P, NCP	Non-coplanar ang. corr., with units like MB/SR2
, DA/DA, N/P, NCP/REL	Non-coplanar ang.corr.function, with units ARB-UNITS

When retransmitting the above mentioned entries, some new SF5-SF8 combination(s) for dictionary 36/236 may be needed. Please inform me about them for inclusion in the next dictionary update. Also, a systematic review of the text expansions of the quantities relating to differential data will be needed to reflect all new definitions correctly. This will be done for the next update.

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