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MEMO 4C-4/126

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TO: Distribution
From: S. Maev (alias: S.Mayev)
Subject: Comments
Reference: Memos CP-C/305, CP-C/306.

I. Comments concerning code 2XL, MEMO CP-C/305. In my opinion, this code is redundant. There exists already code

,DA,,LEG DA (Legendre coef. $d/dA=a(0)+\text{Sum}(a(L)*p(L))$)
(Diff.cs, Legendre coeff. of the form
 $d\text{-Sig}/d\text{-Omega} = a(0) + \text{Sum}(a(L)*p(L))$)

Proposed code refers to a rather special case of EVEN (with respect to angle) angular distribution when all ODD Legendre coefficients are equal to zero. This may be taken into account by the NUMBER Data Heading as we usually did till now. On this reason this new code is not necessary.

II. Comment concerning zeros in error field. From the philosophical point of view, indeed, error cannot be zero: any measurement is made with error. But if VALUE itself is zero, then ERROR may be allowed to be zero, either. The cases mentioned in MEMO CP-C/306 are understandable, too. This will to avoid, in some cases rather cumbersome, data files editing. My conclusion - zeros in error fields may be allowed.

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