

Memo CP-D/126

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To: Distribution

From: H.D. Lemmel *Lemmel*

Subject: Gamma-Spectra and REL-Modifier

Reference: Memo 4C-1/141

When the code SPC was initially introduced, it was used as an abbreviation for DE,G,REL. Consequently, most old gamma-spectra data, which were normally relative data, were coded without the REL modifier.

More recently, gamma-spectra data were given in absolute units (GAM/100N), under the same code SPC. Consequently, all old SPC data need to be looked at, whether the REL modifier should be added.

On the other hand, the distinction between SPC and DE,G (both exist in Dict. 36) has not been fixed in Lexfor. To be consistent with other data DE,G should have the unit mb/MeV (or other unit in same dimension), so that SPC would be reserved for data given in GAM/100N. Consequently, SPC would apply to discrete gammas and DE,G to (usually old data of) a continuous spectrum of unresolved gammas (which, however, have not been coded this way in Exfor).

We propose to discuss the matter at the forthcoming technical NRDC Meeting.

Clearance: J.J. Schmidt *J.J. Schmidt*

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