

1979-04-18

To: Distribution

From: H. D. Lemmel *Lemmel*

Subject: Partial Neutron Yield

Reference: 4C-4/30 of 28 February 1979

Above mentioned memo was received here only today.

For the partial prompt fission neutron yield as defined in 4C-4/30 we would rather suggest the code

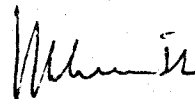
...MASS,PR/PAR,NU

(Note that the code FY as proposed in 4C-4/30 is defined as fission-product yield and does not apply for a fission-neutron yield which has the code NU).

We will add this code to Dictionary 36 unless an objection is received in due time (Manual IX.5 item 7). At the same time it would be useful to add this example to the Lexfor entry "Neutron-yield".

We agree to the other quantity codes proposed in 4C-4/30. For item 3 (most probable mass) we assume that the most probable mass for a given element is meant with the code AP, in analogy to the code ZP which gives the most probable charge for a given mass. We will assume this definition unless receiving different information. The new code AP and its definition should be added in Lexfor under "Fission yields".

Clearance: J.J. Schmidt



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