

MEMO. CP-N/5

DA5/324-0

Subject : New Reference Codes for EXFOR
New Reaction Quantity Code

From: P.D. Johnston

P.D.J

OECD

I would like to propose the following reference codes for EXFOR. They are all of established use in CINDA.

ARB.BER-	2GER KFK
AWRE-NR/C-	2UK ALD
ACO/UK-	2UK ALD

PNE Journal : Progress in Nuclear Energy, published by Pergamen Press, Oxford, U.K. Only three volumes of the first series were published in 1956 to 1959. A new series was started in 1977 with Volume 1, New Series.

INT, Reaction quantity : $\int_{E_1}^{E_2} \sigma dE$, Dict 32. The cross section integral between specified energy limits. Units B*EV. This is distinct from existing codes for resonance integrals, but is in current use for normalisations and intercomparison of differential measurements. An example is given for the compilation of the measurement of U-235 (n,f) by Wagemans, 79Knox.

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