

MEMO 4C - 4 / 92

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DATE : 10 Feb. 1999 Russia

To: Distribution
From: S. Maev (alias: S.Mayev)
Subject: New Codes for Dictionaries 07 and 36.

Diction 07:

New code for Moscow-1998 Conference on Nuclear Spectroscopy:

98MOSCOW 48-th Conference on Nuclear Spectroscopy and
Nuclear Structure. Moscow, 16-19 June,1998

Diction 36:

EM,DA/DE,,LEG/RSL) Legendre expansion of Double-differential
emission cross-sections in the form
 $4\pi/\text{SIG}(E)*D2\text{-SIG/D-OMEGA/DE} =$
 $(1 + \text{SUM}((2L+1)A(E,L)P(L)))$

The necessity for this quantity have arised when data for Legendre expansion of Double-differential Cross-Section for Neutron emission were obtained via INTERNET from Dr. Dankwart Schmidt (Physikalisch-Technische Bundesanstalt - PTB, Braunschweig, Germany).

Reference:

.Dankwart Schmidt, Data obtained via INTERNET for Lead,
Chromium and Vanadium
.INDC(GER)-043,1997
.INDC(GER)-044,1998
.ENTRIES 22410, 22411, 22412

Examples:

REACTION (82-PB-0(N,X)0-NN-1,EM,DA/DE,,LEG/RSL) SUBENT 22410004
REACTION (24-CR-0(N,X)0-NN-1,EM,DA/DE,,LEG/RSL) SUBENT 22411004
REACTION (23-V-51(N,X)0-NN-1,EM,DA/DE,,LEG/RSL) SUBENT 22412004

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