

Subject: MEMO 4C-4/87
Date: Sat, 31 Oct 1998 13:22:57 +0300 (MSK)
From: "Maev S.A." <maev@ippe.rssi.ru>
To: Centers for CP Memo distribution: ;

MEMO 4C - 4 / 87

Centr po Jadernym Dannym - CJD Institute of Physics and Power
Nuclear Data Centre, Obninsk, Engineering
Russia 249020 Obninsk, Kaluga region
Russia

DATE : 29 Oct. 1998

To: Distribution
From: S. Maev (alias: S.Mayev)

Subject: New Code for Dictionary 36.

Diction 36:

EM, DA/DE, , LEG/RSL) Legendre expansion of Double-differential
cross-sections in the form

$$4PI/SIG(E)*D2-SIG/D-OMEGA/DE = (1 + SUM((2L+1)A(E,L)P(L)))$$

The necessity for this quantity have arisen 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

Stanislav Maev

Clearance: Vassily N. Manokhin.

Distribution:

DUNFORD@BNLND2.DNE.BNL.GOV
MCLANE@NNDC.BNL.GOV
NORDBORG@NEA.FR
KELLET@NEA.FR

[illegible]