

Japan Charged-Particle Nuclear Reaction Data Group

Division of Physics, Graduate School of Science
Hokkaido University
060-0810 Sapporo, JAPAN

Telephone +81(JPN)-11-706-2684
Facsimile +81(JPN)-11-706-4850
E-mail nrdf@nucl.sci.hokudai.ac.jp

Memo CP-E/010

Date: August 8, 2002
To: Distribution
From: KATO Kiyoshi
Subject: Dictionary 24 and 36 update (Angular correlations)

We are compiling an experiment (T. Inomata et al., Phys. Rev. C57 (1998) 3153):

1) Angular correlation between ^2He and neutron, where ^2He was produced in $^{12}\text{C}(\text{d}, ^2\text{He})^{12}\text{B}^*$ and the residual $^{12}\text{B}^*$ decays into neutron and ^{11}B . The data are plotted using arbitrary unit.

2) Angular correlation between triton and proton, where triton was produced in $^{12}\text{C}(^3\text{He}, \text{t})^{12}\text{N}^*$ and the residual $^{12}\text{N}^*$ decays into proton and ^{11}C . The data are plotted using $\mu\text{b}/\text{sr}^2$.

Dictionary 25 (Data Units)

MUB/SR2 microbarns per steradian-squared DA2

Dictionary 36 (Quantities)

SEQ/PAR, DA/CRL, N/HE2	NO	Partial angular correlation neutrons/ ^2He specified by sequence of outgoing particles
SEQ/PAR, DA/DA, P/T	DA2	Partial double-diff. cross section $d^2/dA(\text{p})dA(\text{t})$ specified by sequence of outgoing particles

Distribution:

J.H. Chang, KAERI
M. Chiba, JCPRG
F.E. Chukreev, CAJaD

S. Dunaeva, Sarov
O. Gritzay, KINR
A. Hasegawa, JAERI

K.Kato, JCPRG
M. Kellett, NEADB

M. Lammer, NDS

S. Maev, CJD
V.N. Manokhin, CJD
V. McLane, NNDC

P. Oblozinsky, NNDC
Y. Ohbayasi, JCPRG
N. Otuka, JCPRG

V. Pronyaev, NDS
O. Schwerer, NDS
S. Takacs, ATOMKI

F.T. Tárkányi, ATOMKI
V. Varlamov, CDFE
M. Vlasov, KINR

M. Wirz, NDS
V. Zerkin, NDS
Y.X.Zhuang, CNDC