

Japan Charged-Particle Nuclear Reaction Data Group

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Memo CP-E/014

Date: December 3, 2002
To: Distribution
From: OTUKA Naohiko and KATO Kiyoshi
Subject: Unit for triple differential cross section

We are compiling an experiment which measures Coulomb breakup of ${}^7\text{Li}$ at 42MeV (Y. Tokimoto et al., Phys. Rev. C**63** (2001) 035801). Triple differential cross sections (with respect to the relative energy between alpha and triton, to the angle of the momentum direction of alpha-triton center of mass motion, and to the angle of the relative momentum direction between alpha-triton) are given with unit of $\mu\text{b}/\text{sr}^2/50\text{keV}$. We propose a new code for $\mu\text{b}/\text{sr}^2/\text{keV}$ in Dictionary 25.

Dictionary 25 (Units)

MUB/SR2KEV Microbarns per Steradian**2 keV
= micro-b / (sr**2 * keV)

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