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Date: February 27, 2009
To: Distribution
From: YOSHIDA Tooru
Subject: Dictionary 25 (Data units), 26(Family flags) and 236(Quantities)

New data heading and quantity codes are proposed for compilation of Y.Maeda et al. [1] and T.Noro et al. [2] respectively:

Dictionary 25 (Data units)

NB/SR2MEVC nano-barn per steradian-squared per (MeV/c)

Dictionary 26 (Family flags)

DA2P cross section per solid-angle squared per linear momentum

Dictionary 236 (Quantities)

,DA/DA/DP,*/+*/+*
triple-diff cs $dA(*)/dA(*+*)/dP(*+*)$

,POL/DA/DA/DP,*/+*/+*,VAP
vector analyzing power $dA(*)/dA(*+*)/dP(*+*)$

,POL/DA2/DE2,*/*
polarization $d4/dA(*)/dA(*)/dE(*)/dE(*)$

NN,POL/DA2/DE2,*/*,D
Doub.diff.spin rotat. param.f.part.spec. D(NN) $d4/dA(*)/dA(*)/dE(*)/dE(*)$

SS,POL/DA2/DE2,*/*,D
Doub.diff.spin rotat. param.f.part.spec. D(SS) $d4/dA(*)/dA(*)/dE(*)/dE(*)$

SL,POL/DA2/DE2,*/*,D
Doub.diff.spin rotat. param.f.part.spec. D(SL) $d4/dA(*)/dA(*)/dE(*)/dE(*)$

LS,POL/DA2/DE2,*/*,D
Doub.diff.spin rotat. param.f.part.spec. D(LS) $d4/dA(*)/dA(*)/dE(*)/dE(*)$

LL,POL/DA2/DE2,*/*,D
Doub.diff.spin rotat. param.f.part.spec. D(LL) $d4/dA(*)/dA(*)/dE(*)/dE(*)$

Unit code or Quantity	Reaction Type	Dimension
25 or 236	213	26
NB/SR2MEVC	-	DA2P
, DA/DA/DP, */**/**	D3A	DA2P
, POL/DA/DA/DP, */**/**, VAP	P3A	NO
, POL/DA2/DE2, */*	P4A	NO
NN, POL/DA2/DE2, */*, D	P4A	NO
SS, POL/DA2/DE2, */*, D	P4A	NO
SL, POL/DA2/DE2, */*, D	P4A	NO
LS, POL/DA2/DE2, */*, D	P4A	NO
LL, POL/DA2/DE2, */*, D	P4A	NO

Reference

- [1] Y. Maeda et al, Phys Rev **C77**(200804)044004(EXFOR E2105)
[2] T. Noro et al, Phys Rev **C77**(200804)044604(EXFOR E2108)

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