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Memo CP-E/133

Date: May 1, 2007
To: Distribution
From: KATO Kiyoshi
Subject: Addition to Dictionary 236 (Quantities)

New quantity codes are proposed to compile analyzing powers in the spherical coordinate [1,2]:

Dictionary 236 (Quantities)

PAR, POL/DA, *, VAP	Vector analyzing power in spherical coordinate $iT(11) /dA(*)$ for partial reaction
20/PAR, POL/DA, *, TAP	Tensor analyzing power in spherical coordinate $T(20) /dA(*)$ for partial reaction
21/PAR, POL/DA, *, TAP	Tensor analyzing power in spherical coordinate $T(21) /dA(*)$ for partial reaction
22/PAR, POL/DA, *, TAP	Tensor analyzing power in spherical coordinate $T(22) /dA(*)$ for partial reaction
, POL/DA/DE, *, VAP	Vector analyzing power in spherical coordinate $iT(11) /dA(*)/dE(*)$
20, POL/DA/DE, *, TAP	Tensor analyzing power in spherical coordinate $T(20) /dA(*)/dE(*)$
21, POL/DA/DE, *, TAP	Tensor analyzing power in spherical coordinate $T(21) /dA(*)/dE(*)$
22, POL/DA/DE, *, TAP	Tensor analyzing power in spherical coordinate $T(22) /dA(*)/dE(*)$

Quantity	Reaction Type	CINDA quantity	Dimension
236	213	45	26
PAR, POL/DA, *, VAP	PPD	POD	NO
kq/PAR, POL/DA, *, TAP	PPD	POD	NO
, POL/DA/DE, *, VAP	PDE	POD	NO
kq, POL/DA/dE, *, TAP	PDE	POD	NO

Reference

- [1] M. Ishikawa et al., J. Phys. Soc. Jpn. **51** (1982) 1327 (EXFOR E0812)
[2] M. Ishikawa et al., Phys. Rev. C **28** (1983) 1884 (EXFOR E0813)

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