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Memo CP-D/707 (Rev.)

Date: 20 June 2011
To: Distribution
From: N. Otsuka

Subject: Dictionary 236 (Quantity codes)

Four new quantity codes are proposed for transmission 3149:

Dictionary 236 (Quantities)

PR, NU/DA, N+*F Differential prompt neutron multiplicity with respect to angle between neutron and fission fragment ~~and energy of neutron~~
(This code will replace PR, NU/DA, N+FF.)

SEC/TER, AKE, *F Averaged kinetic energy of fission fragment specified in ternary fission

SEC/TER, AKE, LF+HF
Sum of averaged kinetic energies of light and heavy fragments in ternary fission.

SEC/TER, KE, *F Kinetic energy of fission fragment specified in ternary fission

Quantity	Reaction Type	Dimension	Subentry
PR, NU/DA, N+*F	NUA	FYDA	30318.002
SEC/TER, AKE, *F	E	E	30499.002
SEC/TER, AKE, LF+HF	E	E	30499.002
SEC/TER, KE	E	E	30499.003

Note that TER, AKE, LF+HF proposed in Memo CP-D/682 is withdrawn.

Reference

- [1] H. Piekarz *et al.*, Nucl. Phys. **A146**(1970)273 (EXFOR 30318)
- [2] R.K. Choudhury *et al.*, Pramana **6**(1976)64 (EXFOR 30499)

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