

Japan Charged-Particle Nuclear Reaction Data Group

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Memo CP-E/059

Date: December 8, 2004
To: Distribution
From: OTSUKA Naohiko
Subject: Addition to Dictionary 36 (Quantities)

We propose the following quantity codes:

Dictionary 36 (Quantities)

PAR/CHN, FY FY Total chain yield of fission products for given excitation energy
PAR, AP, HF NO Most probable mass of heavy fragment for given excitation energy

Quantity	Reaction Type	Dimension	Reference	Subentry
PAR/CHN, FY	FYP	FY	K. Nishio <i>et al.</i> , Phys. Rev. C 67 (2003)014604	E1813.002-003
PAR, AP, HF	ZPP	NO		E1813.004

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Sample of coded entry (E1813.003-004)

K. Nishio *et al.*, Phys. Rev. C67 (2003) 014604 Fig. 4

SUBENT	E1813003	20041016			E181300300001
BIB	4	7			E181300300002
REACTION	(94-PU-239(D,P+F)MASS,PAR/CHN,FY)				E181300300003
	The yield is normalized such that the sum of the				E181300300004
	yields becomes 200%.				E181300300005
EN-SEC	(E-EXC,94-PU-240)				E181300300006
ERR-ANALYS	(ERR-S) Statistical error				E181300300007
STATUS	(TABLE) Data (Fig. 4(B), p.014604-4 in reference)				E181300300008
	received by e-mail from K.Nishio (2003.8.11)				E181300300009
ENDBIB	7	0			E181300300010
COMMON	2	3			E181300300011
E-EXC-MIN	E-EXC-MAX				E181300300012
MEV	MEV				E181300300013
4.78	5.30				E181300300014
ENDCOMMON	3	0			E181300300015
DATA	5	11			E181300300016
MASS-MIN	MASS-MAX	DATA	+ERR-S	-ERR-S	E181300300017
NO-DIM	NO-DIM	PC/FIS	PC/FIS	PC/FIS	E181300300018
1.195E+02	1.245E+02	2.597E-01	2.598E-01	2.597E-01	E181300300019
1.245E+02	1.295E+02	1.558E+00	6.370E-01	6.358E-01	E181300300020
1.295E+02	1.345E+02	2.727E+00	8.420E-01	8.410E-01	E181300300021
1.345E+02	1.395E+02	6.753E+00	1.325E+00	1.324E+00	E181300300022
1.395E+02	1.445E+02	3.896E+00	1.006E+00	1.006E+00	E181300300023
1.445E+02	1.495E+02	2.597E+00	8.220E-01	8.210E-01	E181300300024
1.495E+02	1.545E+02	1.429E+00	6.090E-01	6.096E-01	E181300300025
1.545E+02	1.595E+02	5.195E-01	3.673E-01	3.673E-01	E181300300026
1.595E+02	1.645E+02	1.299E-01	1.836E-01	1.837E-01	E181300300027
1.645E+02	1.695E+02	1.299E-01	1.836E-01	1.837E-01	E181300300028
1.695E+02	1.745E+02	0.000E+00	0.000E+00	0.000E+00	E181300300029
ENDDATA	13	0			E181300300030
ENDSUBENT	29	0			E181300399999
SUBENT	E1813004	20041016			E181300400001
BIB	4	7			E181300400002
REACTION	(94-PU-239(D,P+F),PAR,AP,HF)				E181300400003
	The average value of the heavy fragment mass (atomic				E181300400004
	mass unit)				E181300400005
EN-SEC	(E-EXC,94-PU-240)				E181300400006
ERR-ANALYS	(DATA-ERR) No information on source of uncertainties				E181300400007
STATUS	(TABLE) Data tabulated from captions in Fig. 4(A) and				E181300400008
	(B), p.014604-4 in reference				E181300400009
ENDBIB	7	0			E181300400010
NOCOMMON	0	0			E181300400011
DATA	4	2			E181300400012
E-EXC-MIN	E-EXC-MAX	DATA	DATA-ERR		E181300400013
MEV	MEV	NO-DIM	NO-DIM		E181300400014
5.3	6.	139.8	1.1		E181300400015
4.78	5.3	140.2	2.5		E181300400016
ENDDATA	4	0			E181300400017
ENDSUBENT	16	0			E181300499999