

Nuclear Structure and Reaction Data Center

MEMO CP-A/98

Date: 17 November 1999
To: Distribution
From: F.E. Chukreev, S.Babykina
Subject: Dictionary additions

Please, make the following dictionary updates.

ADD to Dictionary 27 -

1. Allow in reaction SF4

11-NA-30
11-NA-31
11-NA-32
11-NA-33
11-NA-34
19-K-47
19-K-49
19-K-50
19-K-51
19-K-52
19-K-53
39-Y-103
41-NB-108
41-NB-109
41-NB-110
81-TL-184
81-TL-185
81-TL-186
81-TL-187
81-TL-188
81-TL-190
87-FR-202
87-FR-211
87-FR-212
87-FR-213
87-FR-219
87-FR-220
87-FR-221

87-FR-222
87-FR-224
87-FR-225
87-FR-226
87-FR-227
87-FR-228
87-FR-229
87-FR-230

Add in isomer field number '1' for following nuclides:

39-Y-100
39-Y-102

Add to dictionary 36 (Quantities)

IND/UND,PY (Independent product yield, undefined reaction)
(Independent product yield for direct formation of product nucleus without defined reaction channel, outgoing particles represent only sum of emitted nucleons.)
Formation via radioactive decay explicitly excluded.
===Not to be used with process codes 'X','F'

,POL,DA/DE (Spin-polarization probability $d^2/dA/dE$)
(Differential spin-polarization probability with respect to angle of emission and energy of outgoing particles)

References for quantities to be entered into Dictionary 36.

Quantity	Reference
IND/UND,PY	ARI,43,1323,(1992)
POL,DA/DE	EPJ/A,2,411,(1998)

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