

## MEMO CP-A/99

Date: 03-April-2000  
To: **Distribution**  
From: F.E. Chukreev, S.Babykina  
Subject: **Dictionary updates**

### 1. ADD to Dictionary 27 -

18-Ar-32	( 3 )
18-Ar-33	( 3 )
18-Ar-34	( 3 )
18-Ar-43	( 3 )
18-Ar-44	( 3 )
18-Ar-46	( 3 )
19-K-35	( 3 )
22-Ti-39	( 3 )
22-Ti-40	( 3 )
22-Ti-41	( 3 )
22-Ti-43	( 3 )
23-V-43	( 3 )
23-V-44	( 3 1)
24-Cr-43	( 3 )
24-Cr-44	( 3 )
24-Cr-45	( 3 )
24-Cr-46	( 3 )
24-Cr-47	( 3 )
25-Mn-46	( 3 )
25-Mn-47	( 3 )
25-Mn-48	( 3 )
26-Fe-46	( 3 )
26-Fe-47	( 3 )
26-Fe-48	( 3 )
26-Fe-49	( 3 )
26-Fe-50	( 3 )
27-Co-50	( 3 )
27-Co-51	( 3 )
27-Co-52	( 3 1)
27-Co-53	( 3 )
28-Ni-50	( 3 )
28-Ni-51	( 3 )
28-Ni-52	( 3 )
28-Ni-53	( 3 )
28-Ni-54	( 3 )

37-Rb-102 ( 3 )

55-CS-114 ( 3 )

55-CS 115 ( 3 )

55-CS-116 ( 3 1)

2 isomers exist, but not known which one is ground state.

55-CS-117 ( 3 1)

2 isomers exist, but not known which one is ground state.

55-CS-118 ( 3 )

55-CS-149 ( 3 )

55-CS-150 ( 3 )

55-CS-151 ( 3 )

80-Hg-177 ( 3 )

80-Hg-178 ( 3 )

80-Hg-179 ( 3 )

80-Hg-180 ( 3 )

80-Hg-181 ( 3 )

80-Hg-182 ( 3 )

80-Hg-183 ( 3 )

80-Hg-184 ( 3 )

80-Hg-185 ( 3 1)

80-Hg-206 ( 3 )

81-Tl-185 ( 3 1)

81-Tl-186 ( 3 1)

81-Tl-187 ( 3 1)

81-Tl-188 ( 3 1)

2 isomers exist, but not known which one is ground state.

81-Tl-189 ( 3 1)

81-Tl-190 ( 3 1)

2 isomer exist, but not known which one is ground state.

81-Tl-191 ( 3 1)

***The additions are needed to compile the papers similar PR/C,50,2398,1994***

## **2. Add to dictionary 25.**

P/PT/MEVSR (Product nuclei per Inc.Proj. per SR per MEV)

P/PART/SR (Product nuclei per Inc.Proj. per SR)

P/PART/MEV (Product nuclei per Inc.Proj. per Mev)

The codes are similar N/PT/MEVSR etc in 25 Dictionary.

In order to eliminate Dictionary increasing is possible to change the comments for existing

N/PT/MEVSR to “Nucleus per Incident Projectile per Sr per MeV”

N/PART/MEV to “Nucleus per Incident Projectile per MeV”,

N/PART to “Nucleus per Incident Projectile”

***and add***

N/PART/SR “Nucleus per Incident Projectile per Steradian”

**Your opinion is interest, of course.**

## **3. Add to dictionary 36**

EM,TTY/DA/DE

(Differential emission thick target yield with  
Respect to the angle and energy of the outgoing particle)

***Distribution:***

DUNFORD@BNLND2.DNE.BNL.GOV  
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