

MEMO 4C-3/192

1977-01-25

To: Distribution  
From: K. Okamoto *K. Okamoto*  
Subject: Resonance Parameters (Memo 4C-1/106)

Most of the resonance parameters requested in Memo 4C-1/106 from NDS will be sent soon as TRANS 3023. However, a few of them are very preliminary results presented in progress reports and we will enter them into EXFOR in due course after more correspondence with the authors.

Attached is the result of our enquiry regarding the Resonance Parameters in Area 3 requested in Memo 4C-1/106.

Clearance: J.J. Schmidt *J.J. Schmidt*

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<u>Ref.</u>	<u>Nuclide</u>	<u>COMMENT</u>
NP <u>84</u> 201 (1966)	Be-9	Spin value is to be added to EXFOR 30212. Energy Min. in CINDA is to be 2.7+6, not 9.3+6 (eV).
NP/A <u>270</u> 164 (1976)	Si	Confirmation of Res.Par. only at 31.7, 55.9 67.7 keV of Si-28 and 38.8 keV of Si-29 with the 3 MeV Van de Graaff in AAEC, Australia. Except N-width at 67.7 keV of Si-28, other values are identical with those in EXFOR 30330. Will make new entry.
AAEC/PR-41,46	Al-27	Preliminary Radiation Width of 35 keV Resonance only. More information is requested from authors (77/01/24).
Priv. Comm. (1976)	Ca-42,43,44	EXFOR 30356R (TRANS 3023)
Priv. Comm. (1976)	Ti-46,47,48,49,50	EXFOR 30359 (TRANS 3023)
AAEC/E-302 (1974)	Ti-46(Fe-56,Ni-58)	This is again the work with 3 MeV Van de Graaff in Lucas Heights. Only resonance energies are presented.
AAEC/PR-40,34	Cr-50,52	Preliminary values of capture kernel are presented. (Table 3.3) More information is requested from authors (77/01/24).
AUJ <u>24</u> 805 Priv. Comm. (1976) NP/A <u>269</u> 408	Fe-54,56	EXFOR 30355 (TRANS 3023)
NP/A <u>269</u> 397		
NP/A <u>269</u> , 31	Sn-88	EXFOR 30369 (in preparation)
	Zr-92,94	EXFOR 30358 (TRANS 3023)
NP/A <u>270</u> , 108	Mo-92,94,95,96, 97,98,100.	EXFOR 30357 (TRANS 3023)
SCF <u>24</u> 165 (1972) (in Romanian)	Sb-121,-123	More values of $2g \Gamma_n$ will be added to EXFOR 30020.
NP/A <u>252</u> 301	Ba-138	EXFOR 30328 R (TRANS 3023)

Ce-140 (EXFOR 30361), Nd-142,143,144,146,148 (EXFOR 30360) are also included in TRANS 3023.

The Res. Par. of Na-23, Sc-45, Y-89, Fe-57, La-139 and Pb-Isotopes (which appear in AAEC/PR-42 (Progress Report)) have been requested from the AAEC, Lucas Heights.