

MEMO CP-C/72

Date: February 29, 1980  
From: S. Moore and T.W. Burrows *TWB*  
Subject: Data required for evaluating the  $^{13}\text{C}(p,n)^{13}\text{N}$  Reaction.

We are beginning our evaluation of the  $^{13}\text{C}(p,n)^{13}\text{N}$  reaction. Attached is a list of references pertaining to this evaluation. To aid our evaluation effort we wish to code into EXFOR those references which are not already in EXFOR. Prior to beginning this compilation effort, we would like to know if our plans to code these data will duplicate any work planned or underway at your center.

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1h  
Attachment

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REFERENCES FOR  $^{13}\text{C}(\text{p},\text{n})^{13}\text{N}$  REACTIONS  
February 28, 1980

Adon50	Adonear, et al. Phys. Rev. 80, 985(1950)	
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Ande64	Anderson, et al. Phys. Rev. 136, 8118(1964)	CPX-37120
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Bair60	Bair, et al. Phys. Rev. 119, 2026(1960)	
Blas51	Blaser, et al. Helv. Phys. Acta 24, 465(1951)	
Clou70	Clough, et al. Nucl. Phys. A143, 385(1970)	
Cumm63a	Cummins, Nucl. Physics 49, 417(1963)	EXFORB0095(1)
Das161	Dasley, et al. Phys. Rev. 24, 853(1961)	CPX-16900
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Das161 2		CPX-17070
Das161 3		CPX-17080
Dret60	Dretzsch, Nuclear Physica 85, 689(1960)	
Esse51	Essenberger, et al. Helv. Phys. Acta 24, 323(1951)	
Gera71	Gerard, Physics Letters 32B, 351(1971)	
Gibb59	Gibbins, et al. Phys. Rev. 114, 571(1959)	CPX-20910
Lend75	Lend, et al. Phys. Rev. C4, 2099(1975)	
Rams79	Ramstrom. NFL-6(1979).	
Rams79 1	Private Communication(1980)	
Rams79 2	KDK-32, 28(1979)	
Rams79 3	INDC(SWD)-12, 28(1979)	
Rams79 4	NEANDC(OR)-152, 28(1979)	
Rich66	Richards, et al. Nucl. Physics 86, 167,(1966)	
Rich66 1	Nucl. Physics 86, 187(1966)	
Whit58 (2)	Whitehead, et al. Can. J. Phys. 36, 1276(1958)	CPX-23260
Wond61	Wond, et al. Phys. Rev. 123, 598(1961)	CPX-23270
Wond61 1		

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(1) Data on  $^{13}\text{C}(\text{p},\text{n})^{13}\text{N}$  not included in EXFORB0095.

(2) Already included in survey of  $^{12}\text{C}(\text{p},\text{x})^{11}\text{C}$  Reactions.