

Species Tag:	76009	Name:	C4Si
Version:	1		<sup>28</sup> Si isotope
Date:	Feb. 1996		
Contributor:	H. S. P. Müller		

Lines Listed:	229	Q(300.0)=	4077.1428
Freq. (GHz) <	700	Q(225.0)=	3057.7099
Max. J:	229	Q(150.0)=	2038.4265
LOGSTR0=	-7.0	Q(75.00)=	1019.3010
LOGSTR1=	-7.0	Q(37.50)=	509.7975
Isotope Corr.:	-0.055	Q(18.75)=	255.0607
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	127.6962
$\mu_a$ =	6.3	A=	
$\mu_b$ =		B=	1533.772
$\mu_c$ =		C=	

The transitions and dipole were taken from M. Ohishi, N. Kaifu, K. Kawaguchi, A. Murakami, S. Saito, S. Yamamoto, S.-I. Ishikawa, Y. Fujita, Y. Shiratori, and W. M. Irvine, 1989, *Astrophys. J.* **345**, L83. The dipole moment is an *ab initio* value.