

Species Tag:	128001	Name:	S4
Version:	1		Tetrasulfur
Date:	Feb. 2007		
Contributor:	B.J. Drouin		

Lines Listed:	26640	Q(300.0)=	152198.829
Freq. (GHz) <	1000	Q(225.0)=	104611.274
Max. J:	99	Q(150.0)=	58680.729
LOGSTR0=	-10.0	Q(75.00)=	20856.132
LOGSTR1=	-10.0	Q(37.50)=	7373.519
Isotope Corr.:	-0.0	Q(18.75)=	2608.107
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	923.201
μ_a =	0.000	A=	4655.334
μ_b =	1.15	B=	2221.539
μ_c =		C=	1502.379

The calculation is based on inversion-rotational data from Thorwirth *et al.*, 2005, J. Chem. Phys. **123**, 054326. The dipole moment is calculated from theory.