

**239       $\text{H}_2\text{I}_2\text{Si}$** ED, *ab initio* and  
DFT calculations**Diiodosilane** $\text{C}_{2v}$  assumed

$r_g$	$\text{\AA}^a$	$\theta_g$	$\text{deg}^a$
Si-H	1.470(28)	I-Si-I	110.8(4)
Si-I	2.423(3)	I-Si-H	107.3(33)

The nozzle was at room temperature.

<sup>a</sup>) Three times the estimated standard errors.Ben Altabef, A., Oberhammer, H.: J. Mol. Struct. **641** (2002) 259.