Time-resolved gas-phase kinetic, quantum chemical and RRKM studies of the reaction of silylene with 2,5-dihydrofuran

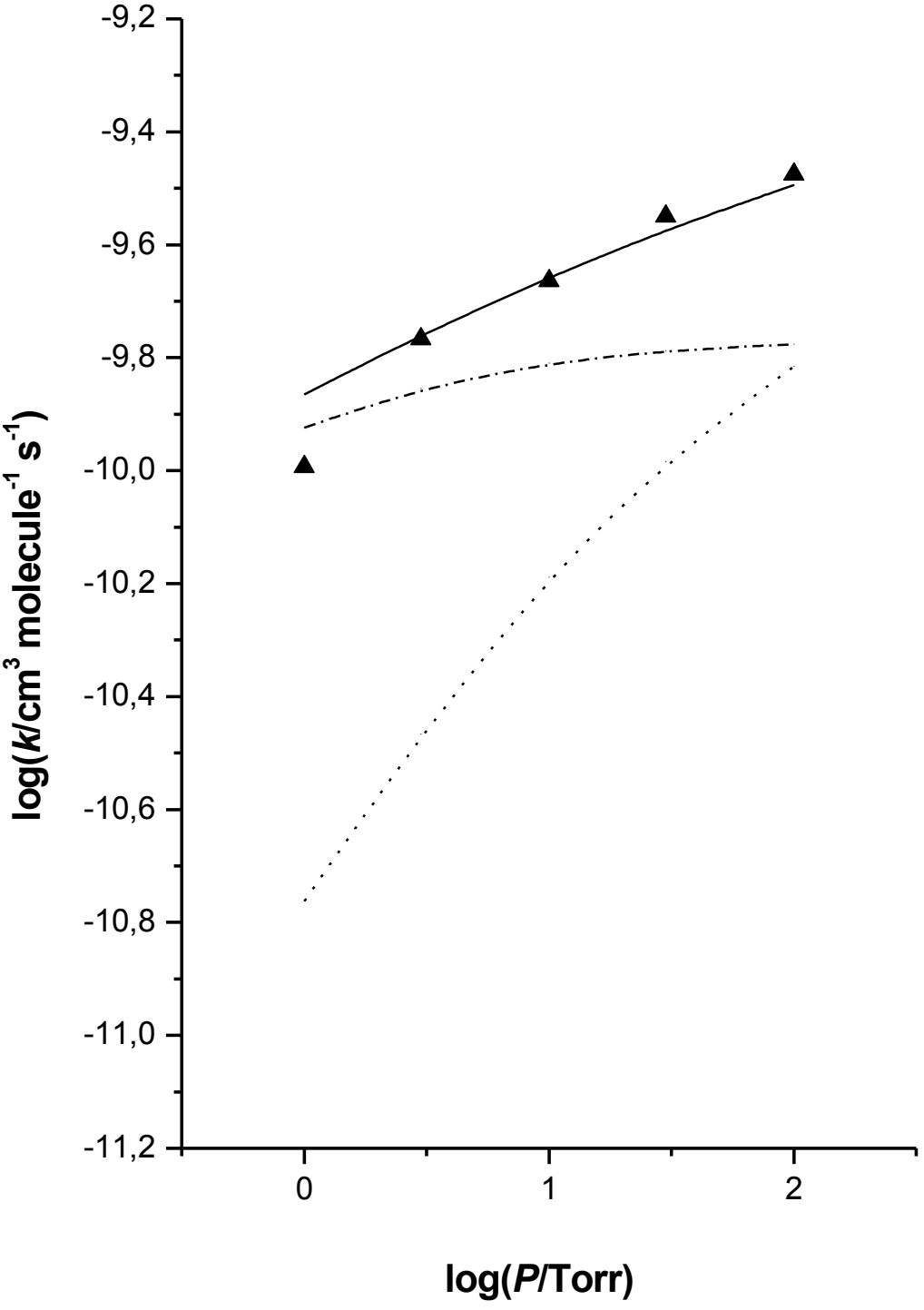

Figure 6. RRKM fit (solid line) to the data at 296 K. Individual lines show contributions from the π-pathway (· – –) and O-donor pathway (----).

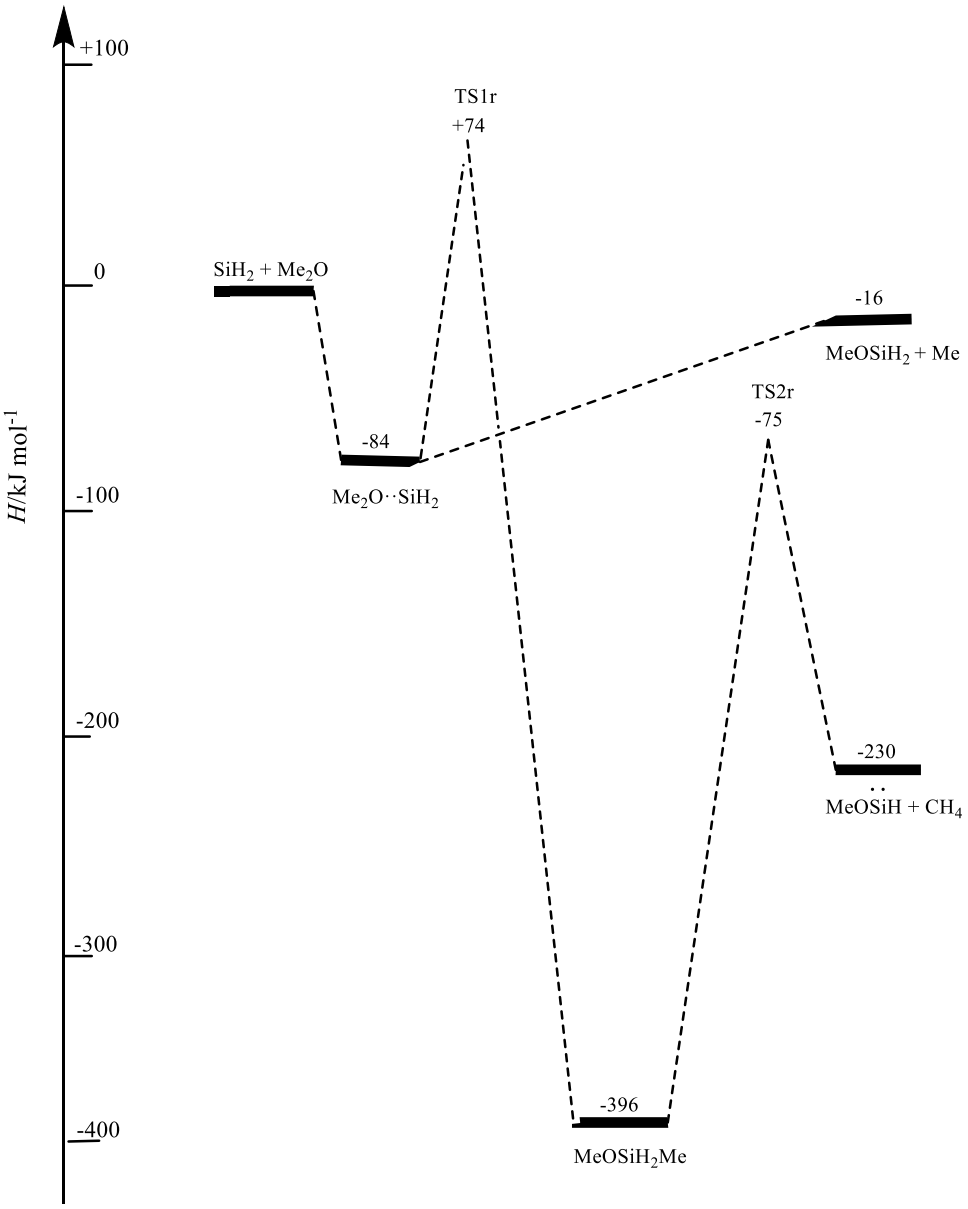

Figure 7. Potential energy (enthalpy) surface for C_2H_8SiO (SiH_2 + Me_2O). All enthalpies are calculated at the G3 level and quoted at 298 K.

Graphic for abstract