

## **long-lived collision complex**

When a potential-energy surface is such that the system performs a number of vibrations and rotations in the region of a col, the corresponding intermediate is known as a long-lived collision complex, and the reaction is said to be indirect.

***Source:***

PAC, 1981, 53, 753 (*Symbolism and terminology in chemical kinetics (Provisional)*)  
on page 767