



Showcasing research from Dr Luyao Zou and colleagues at Université du Littoral Côte d'Opale, Université Paris-Saclay, and Université de Lille, France

Evidence for tunnelling motion in the rotational spectrum of the aminomethyl radical  $\text{CH}_2\text{NH}_2$

The aminomethyl radical  $\text{CH}_2\text{NH}_2$  is an important astrochemical radical that has never been characterized by rotationally resolved experiments, impeding its potential detection in the interstellar medium by radio astronomy. The first rotational spectrum measurement of  $\text{CH}_2\text{NH}_2$  reveals unambiguously a quantum tunnelling motion on the inversion of the  $-\text{CH}_2$  and  $-\text{NH}_2$  groups. The artwork illustrates the non-rigidity of this radical and its tunneling channels.

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See Luyao Zou *et al.*,  
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