

P5151: SINGLE SUBSTITUTION KINETIC ISOTOPE EFFECT MEASUREMENTS FOR CH₄ + O(¹D) USING CAVITY RING-DOWN SPECTROSCOPY

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We seek to measure the KIE of CH_3D and $^{13}\text{CH}_4$

We employed flash photolysis of N₂O and methane with near-IR cavity-ringdown spectrometry

We report values of 1.069 and 1.053, respectively

