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First evidence of the dramatic enhancement of the reactivity of methyl formate (HC(O)OCH<sub>3</sub>) with OH at temperatures of the interstellar medium: A gas-phase kinetic study between 22 K and 64 K

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## SUPPORTING INFORMATION

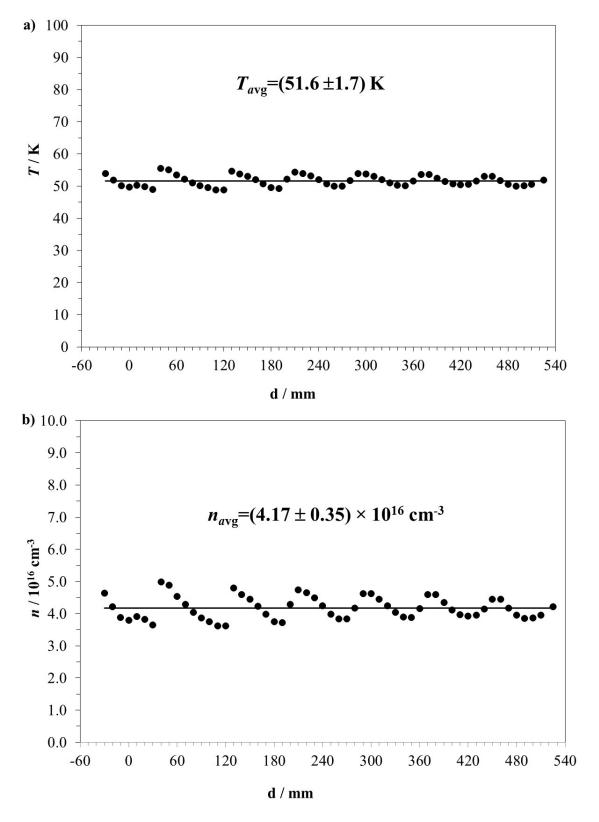


Fig S1. Spatial profiles of the temperature and total gas density of the jet for experimental conditions C. Uncertainty is  $\pm \sigma$ .

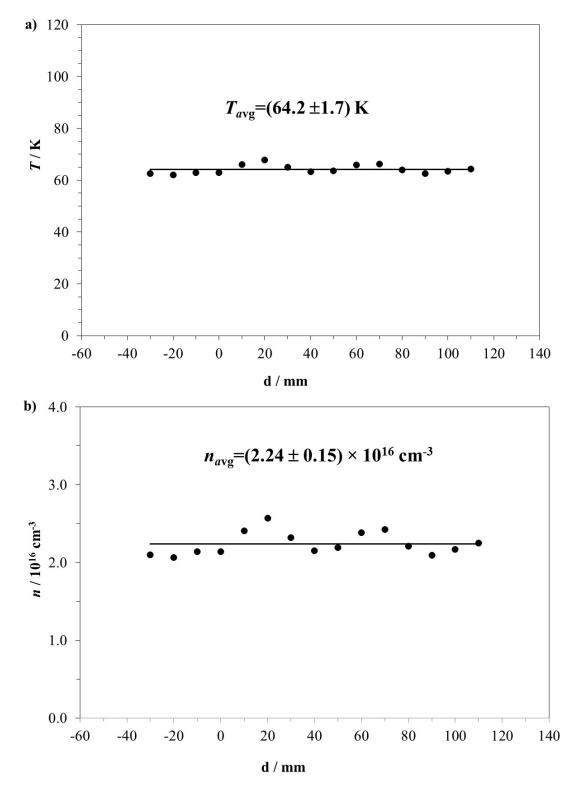


Fig S2. Spatial profiles of the temperature and total gas density of the jet for experimental conditions **D**. Uncertainty is  $\pm \sigma$ .