

# Supporting Information

## <sup>1</sup>H MAS NMR in Situ Reaction Monitoring Reveals the Particular Effects of Zn<sup>2+</sup> and ZnO Species on the Kinetics of Isobutane Transformation on Zn- Modified Zeolites

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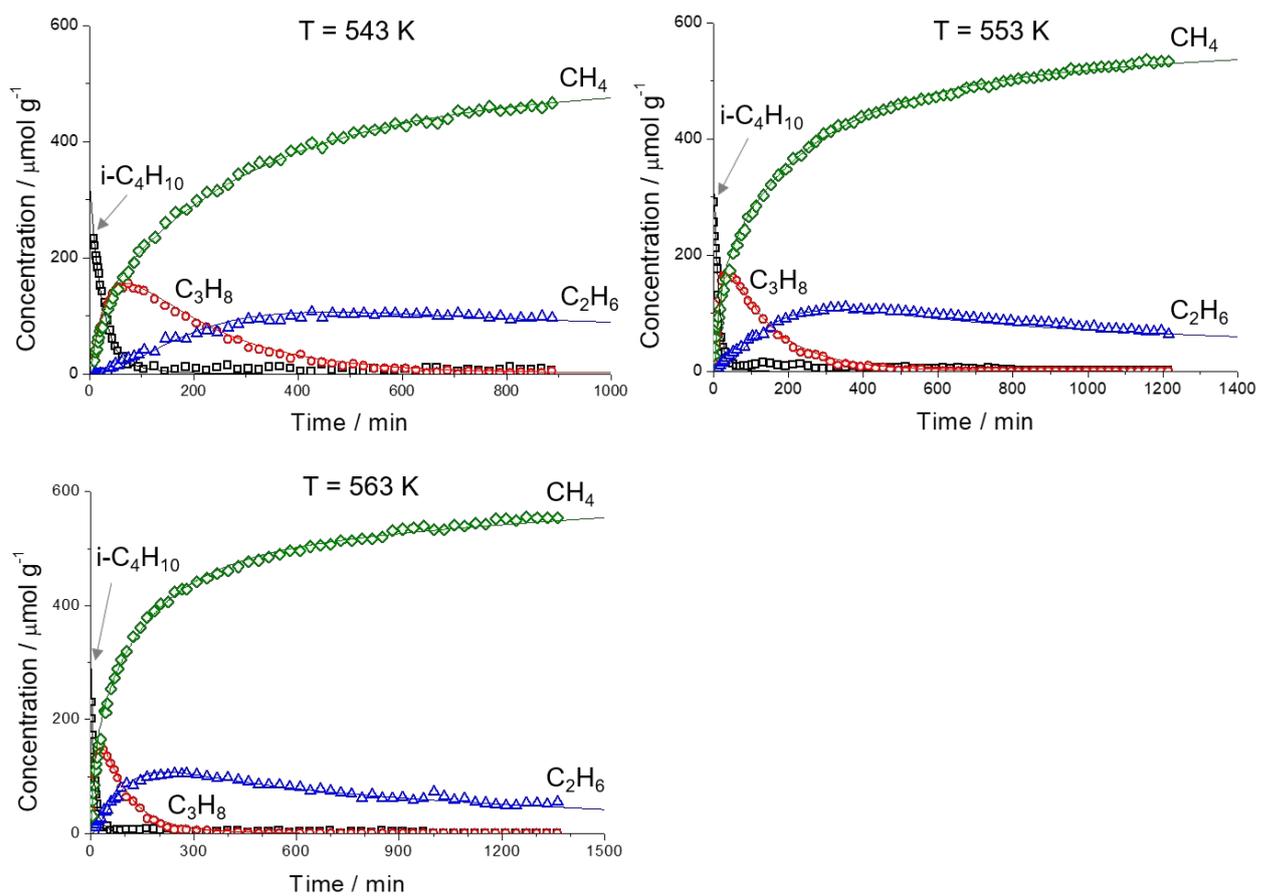
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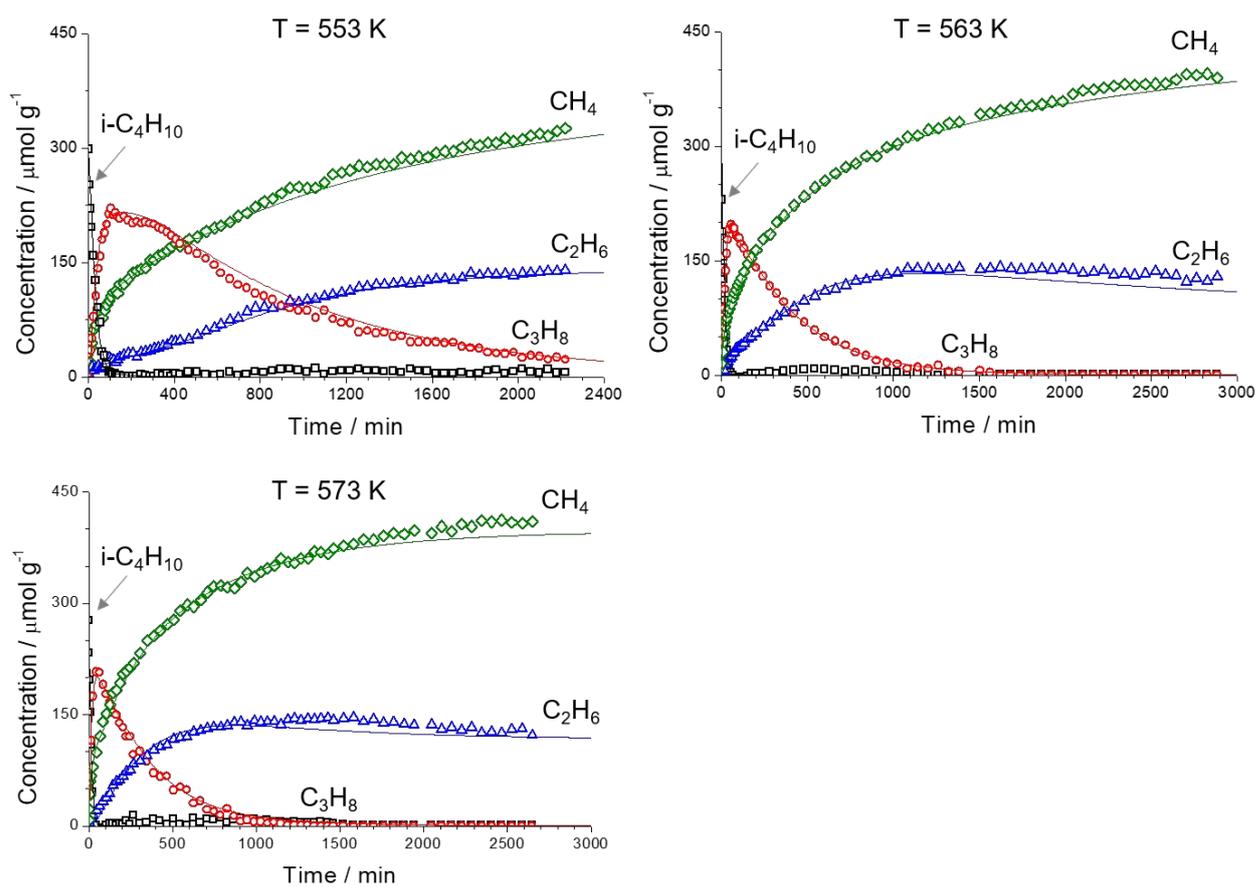
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**Figure S1.** Experimental kinetic curves (points) for isobutane transformation on Zn<sup>2+</sup>/H-BEA. Solid lines represent simulated kinetics on the basis of Scheme 1 (see text).



**Figure S2.** Experimental kinetic curves (points) for isobutane transformation on ZnO/H-BEA. Solid lines represent simulated kinetics on the basis of Scheme 1 (see text).