

Unraveling the effects of crystallization parameters on affordable semi-industrial scale synthesis of high-performance H-[B]-ZSM-5 for conversion of methanol to propylene (MTP)

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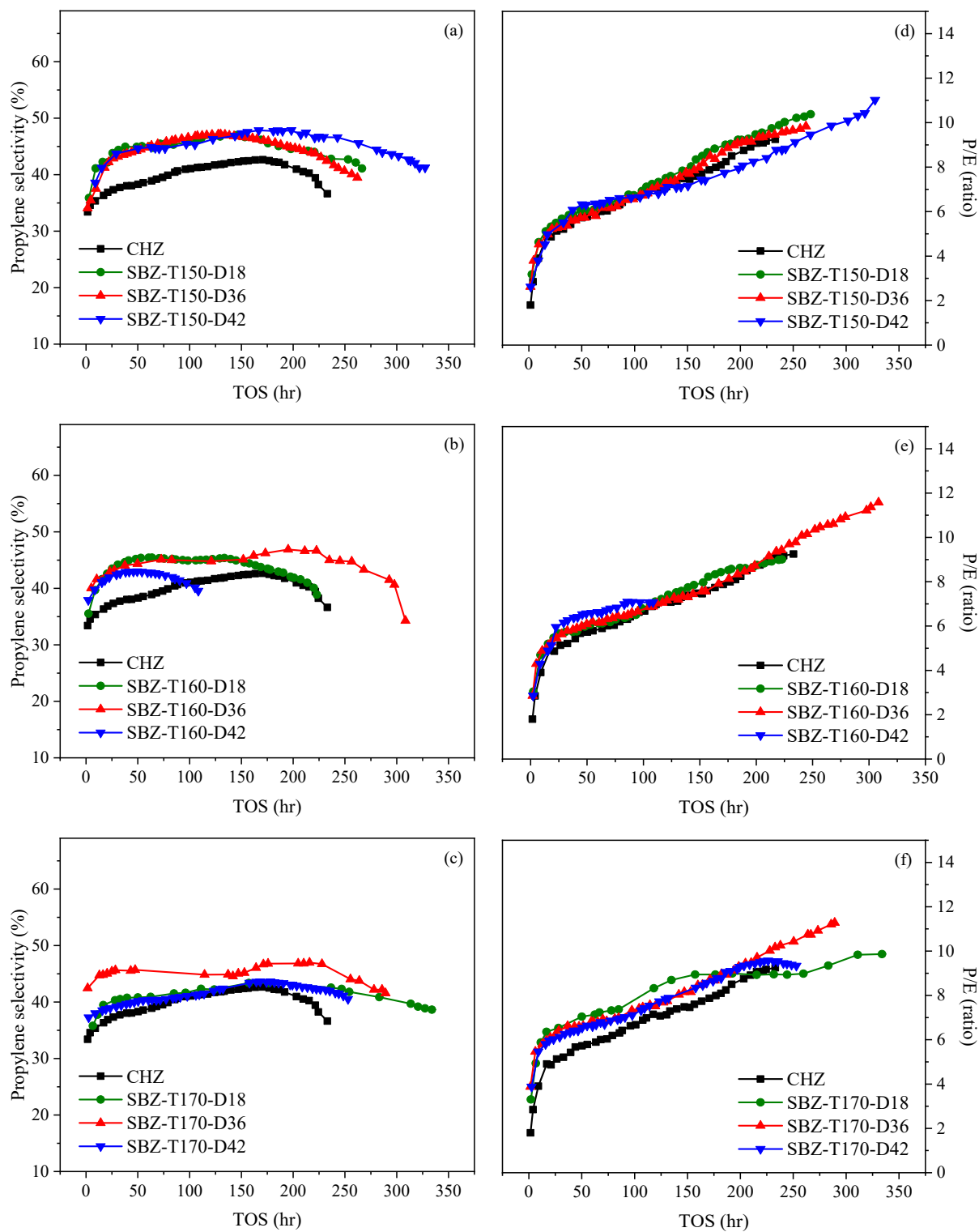


Figure S1. Variation of the (a to c) Selectivity of propylene (d to f) P/E ratio, as a function of TOS over synthesized H-ZSM-5 and H-[B]-ZSM-5 catalysts.

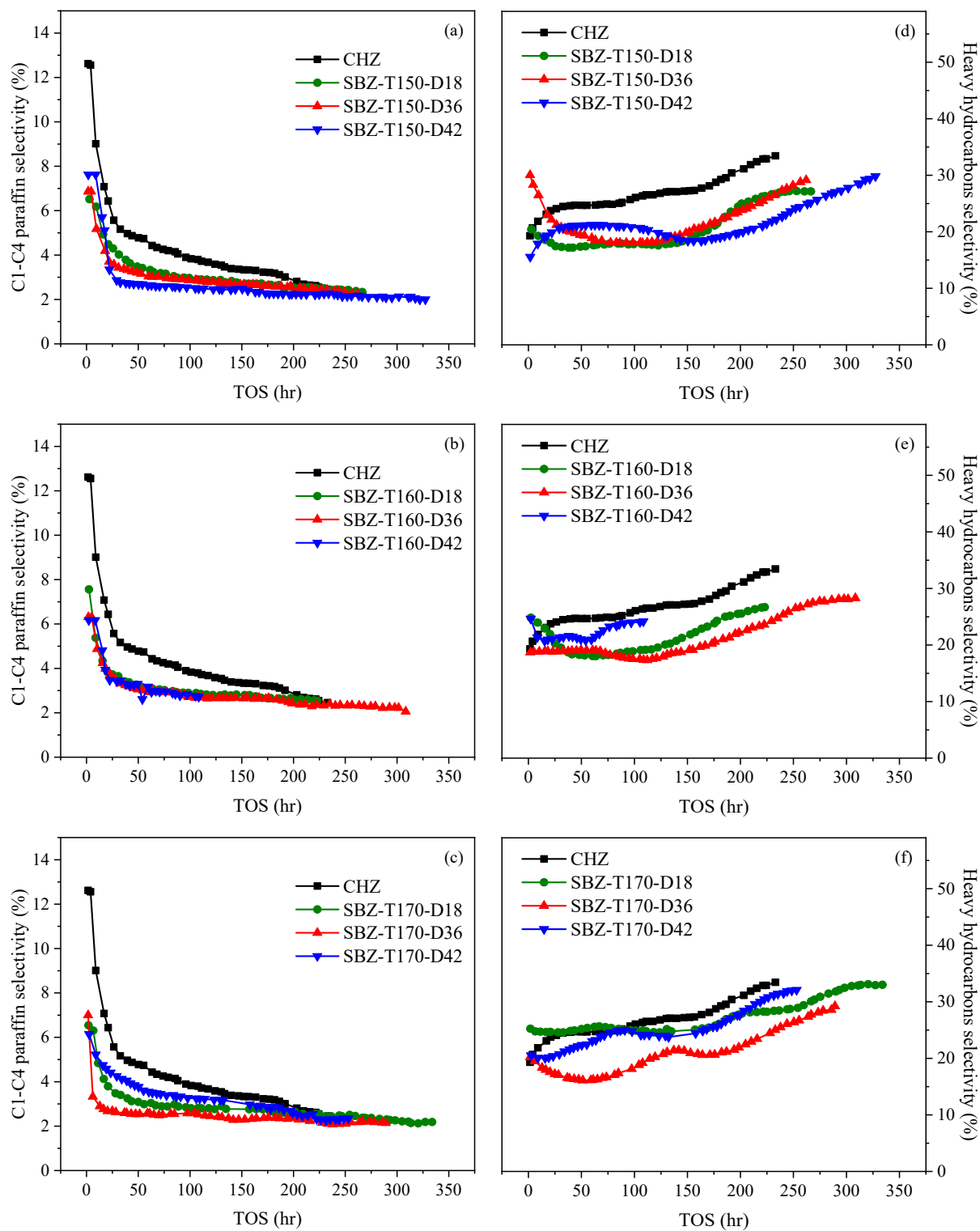


Figure S2. Variation of the (a to c) Selectivity of C₁-C₄ paraffin and the (d to f) Selectivity of heavy hydrocarbons, as a function of TOS over synthesized H-ZSM-5 and H-[B]-ZSM-5 catalysts.

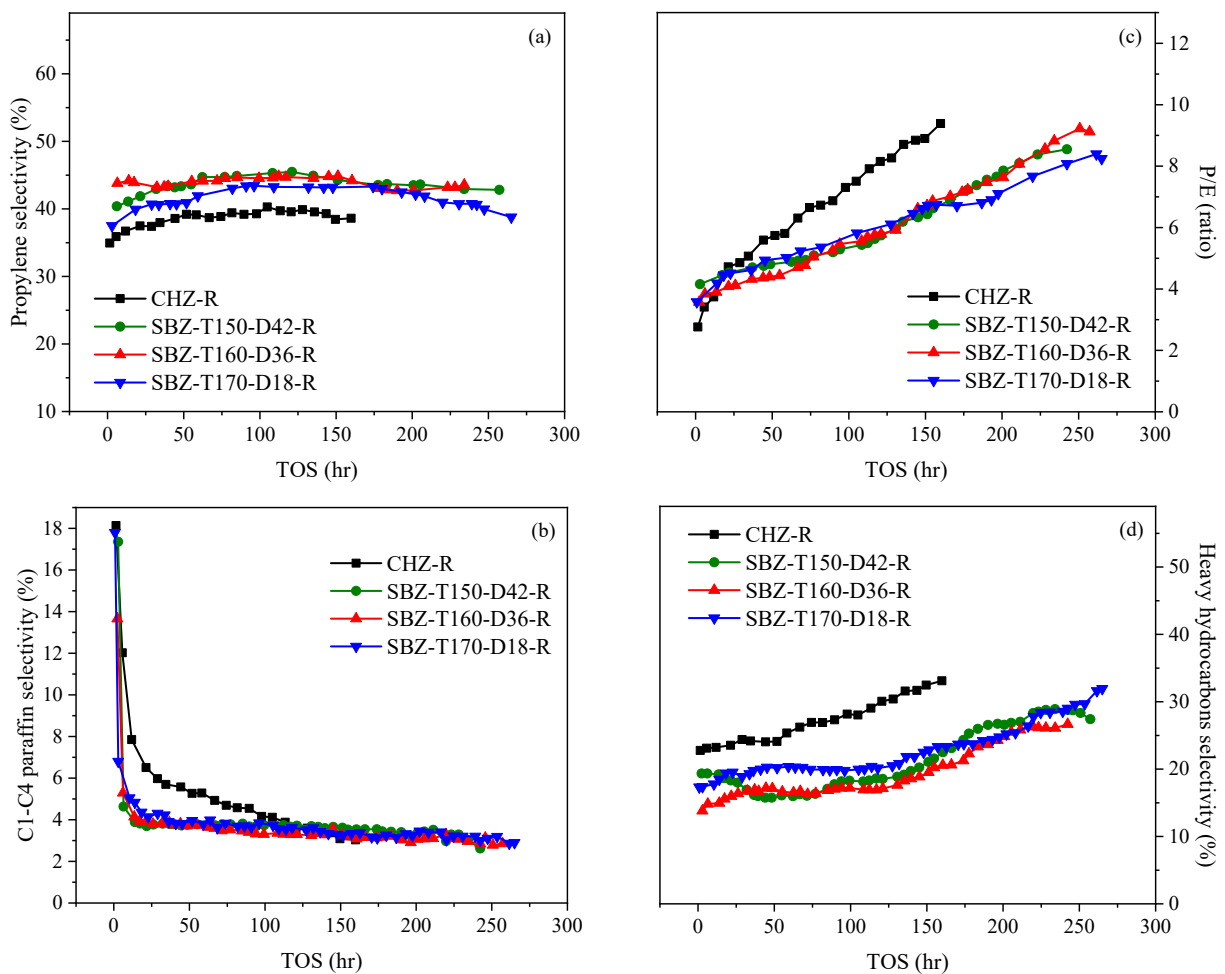


Figure S3. Variation of the (a) Selectivity of propylene, (b) Selectivity of C₁-C₄ paraffin, (c) P/E ratio and (d) Selectivity of heavy hydrocarbons (C₅₊), as a function of TOS over synthesized H-ZSM-5 and H-[B]-ZSM-5 catalysts.