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SUPPORTING INFORMATION

Time-dependent quantum dynamics study of the $F + C_2 H_6 \rightarrow HF$

+ C₂H₅ reaction

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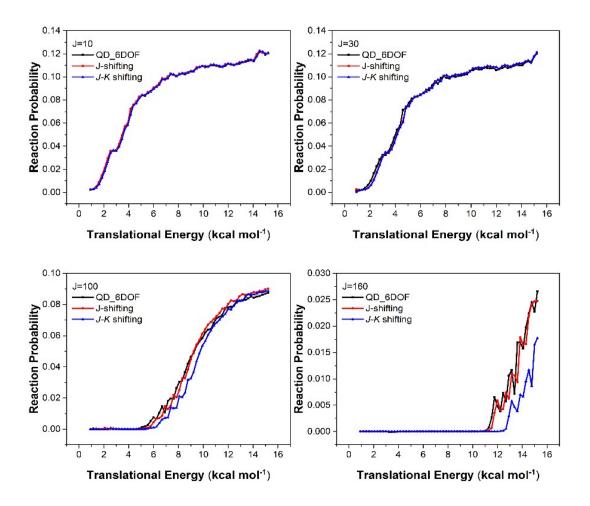


Figure S1. The comparison of the reaction probabilities among the quantum dynamics calculated results (black line), the standard J-shifting results, and the *J-K* shifting results for J=0, 30, 100, and 160, respectively.