

SUPPORTING INFORMATION

Time-dependent quantum dynamics study of the $F + C_2H_6 \rightarrow HF$

+ C_2H_5 reaction

Delu Gao and Dunyou Wang*

*College of Physics and Electronics, Shandong Normal University, Jinan 250014,
Shandong, China*

*Corresponding Author:

E-mail address: dywang@sdu.edu.cn

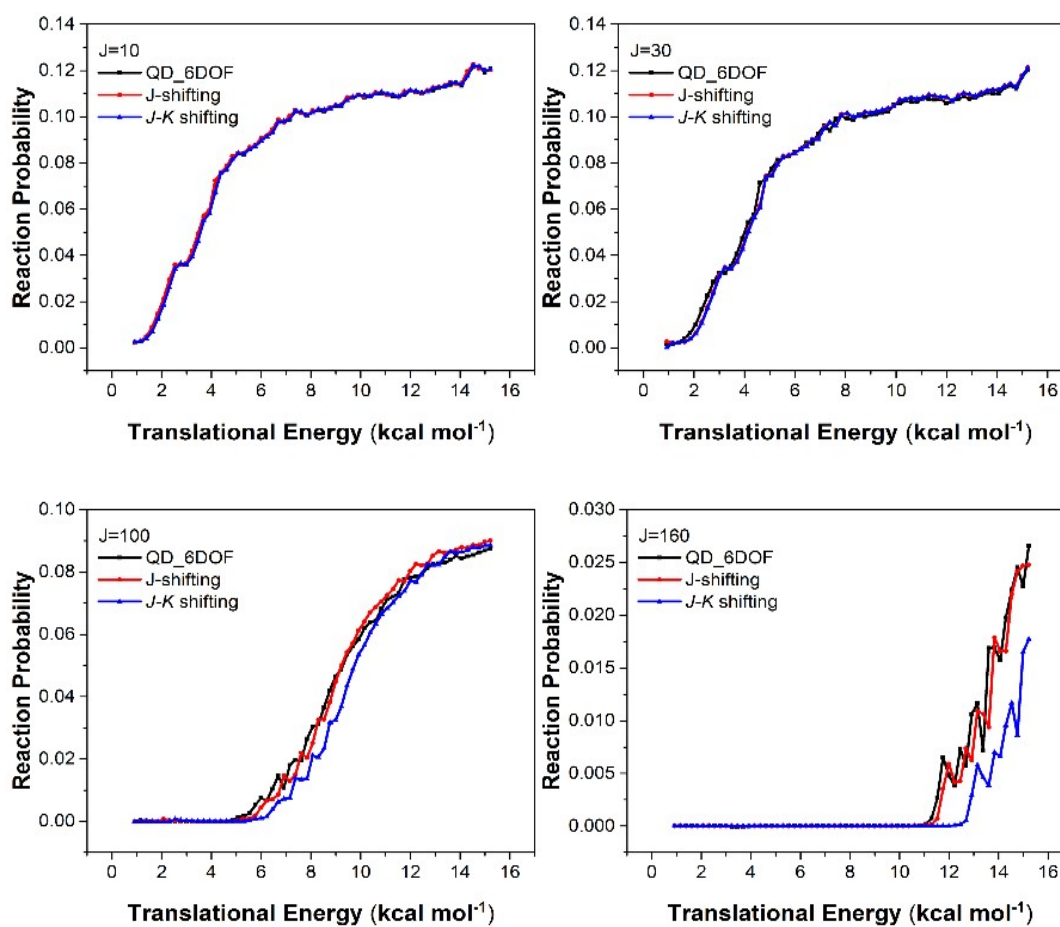


Figure S1. The comparison of the reaction probabilities among the quantum dynamics calculated results (black line), the standard J-shifting results, and the *J-K* shifting results for $J=0, 30, 100,$ and $160,$ respectively.