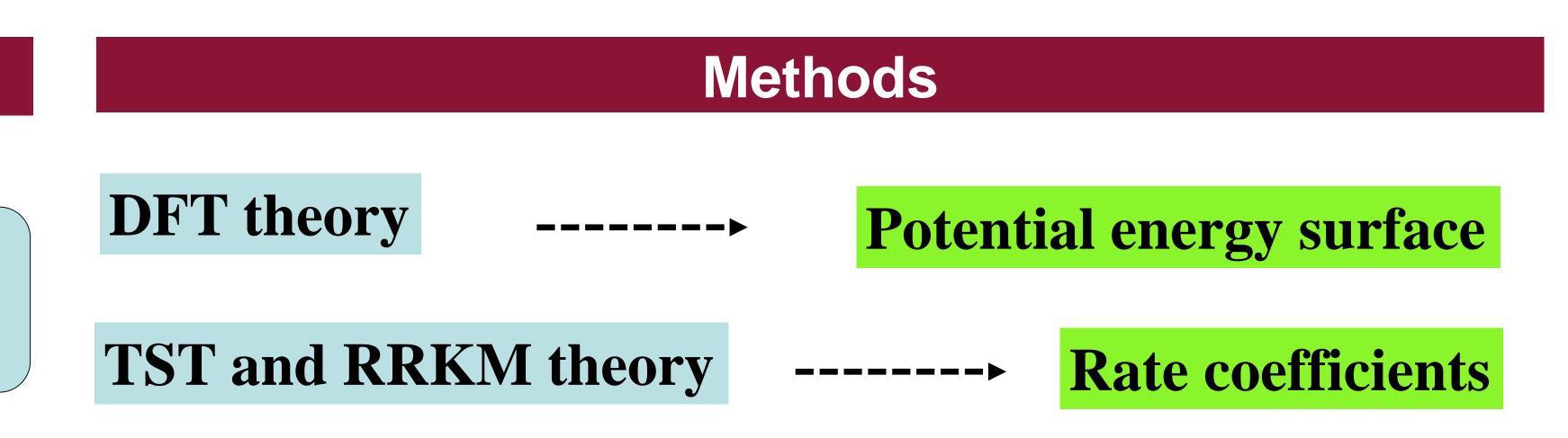
The formation pathway of soot precursors (PAHs) and its transformation to soot جامعة الملك عبدالله لعلوم والتقنية in flame King Abdullah University of **Science and Technology**

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O Site effects on PAHs and Soot growth within **HACA** frame

Objective



The growth of PAHs and soot in post flame region (without H atom participating)

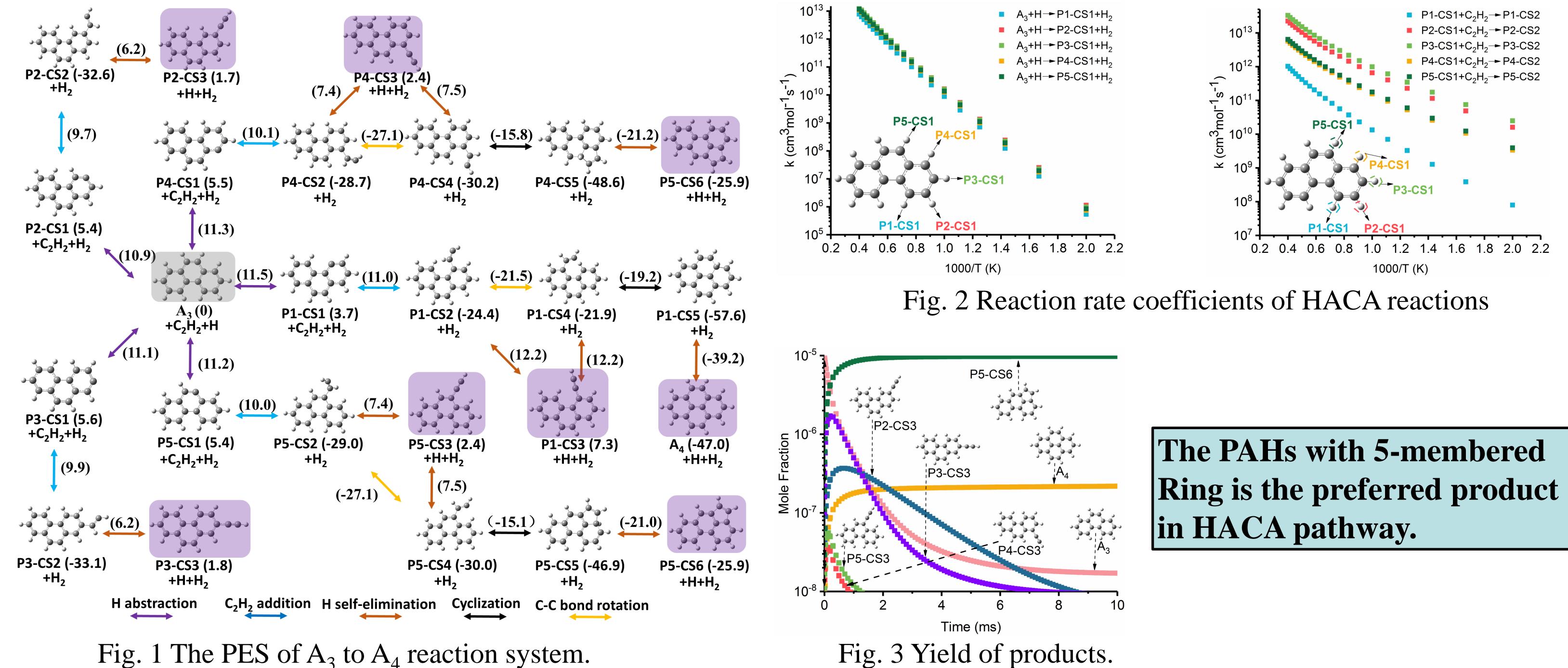


Yield of products

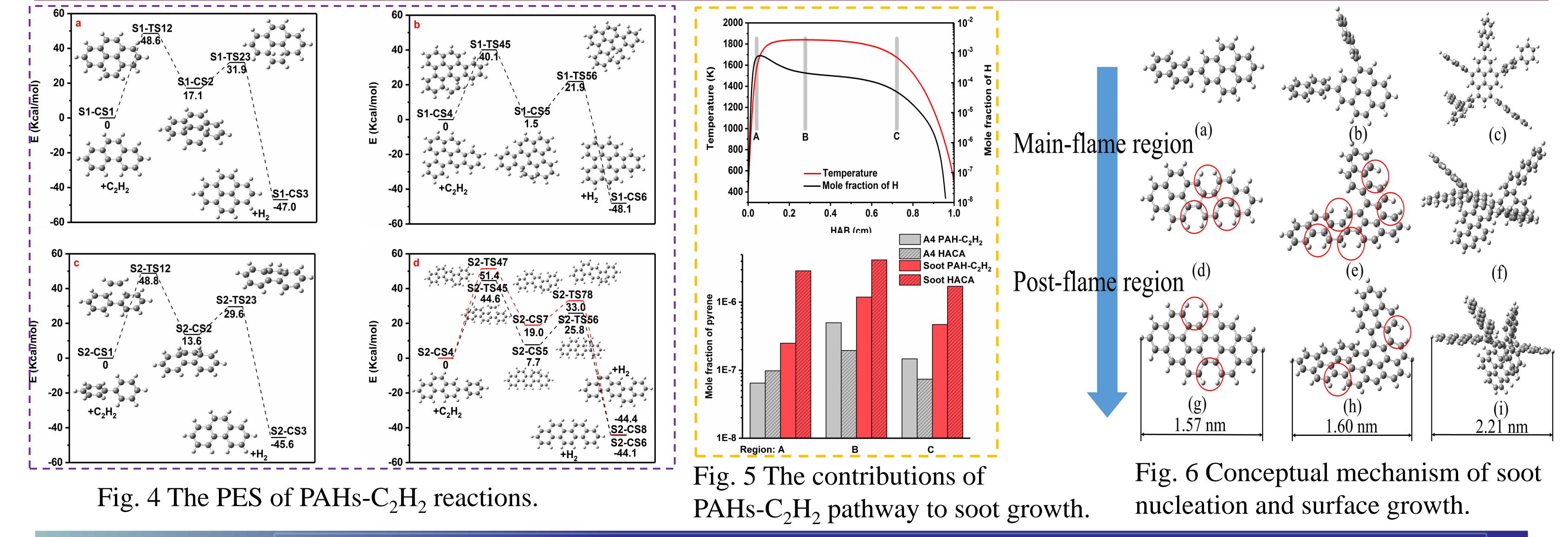
Premixed flame simulation

---- PAHs concentration

Site effect on PAHs and soot growth



The growth of PAHs and soot in post flame region (without H atom participating)



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