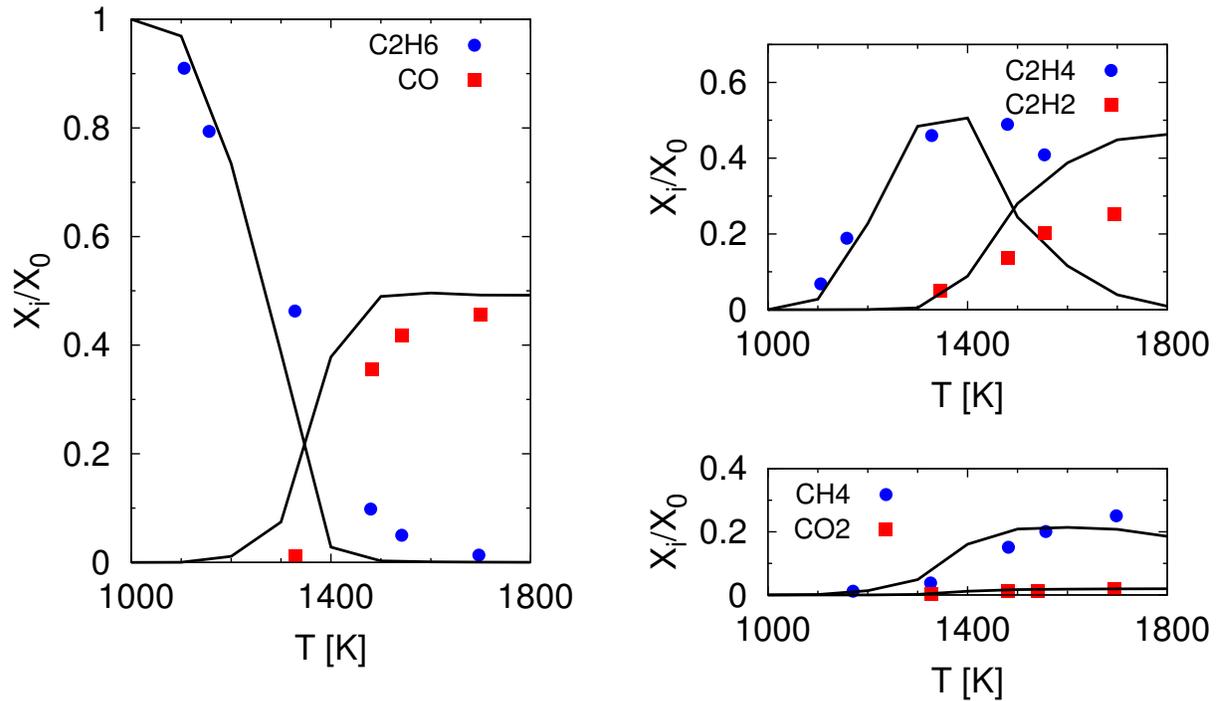


Species profiles in shock tubes



Species distribution during oxidation ($\phi = 7$) in a shock tube. Residence time and initial pressures as specified in Ref. Mixture D, 5% C₂H₆, 2.5% O₂ in Ar.

References

- [1] Y. Hidaka, K. Sato, H. Hoshikawa, T. Nishimori, R. Takahashi, H. Tanaka, K. Inami, T. Higashihara, Shock-tube and modeling study of ethane pyrolysis and oxidation, *Comb. Flame* 120 (2000) 245–264.