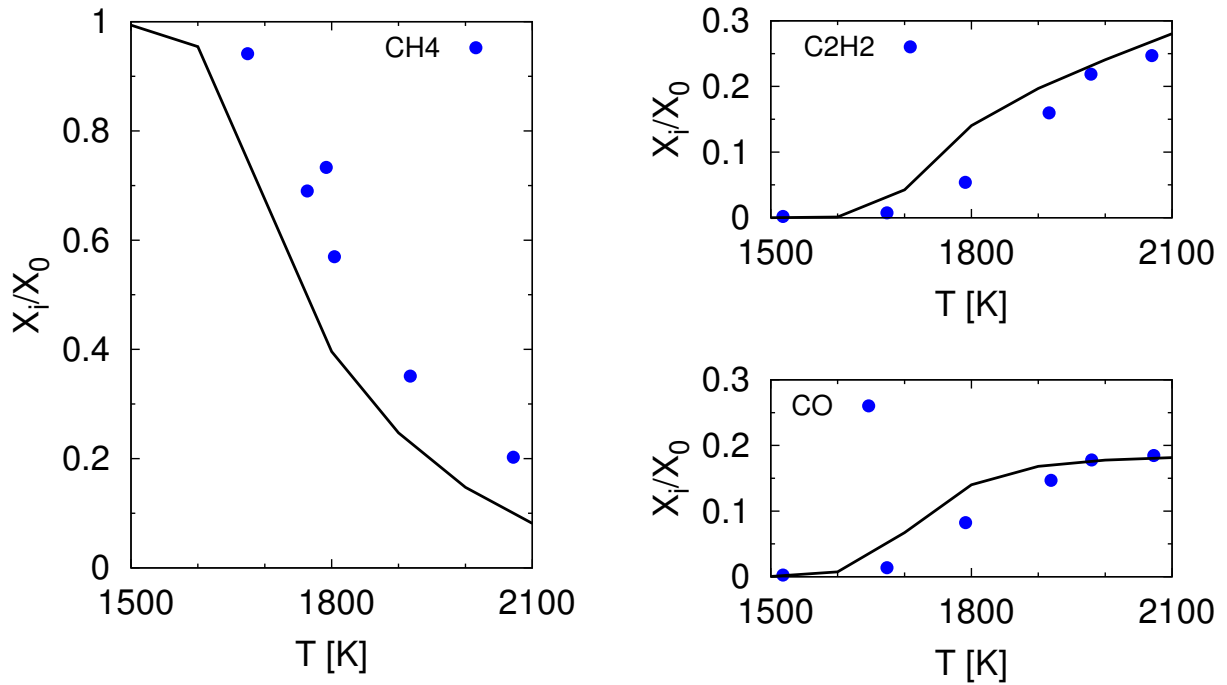


Species profiles in shock tubes



Species distribution during oxidation ($\phi = 10$) in a shock tube. Residence time and initial pressures as specified in Ref. Mixture B, 5% CH₄, 1 % O₂ in Ar.

References

- [1] Y. Hidaka, K. Sato, Y. Henmi, H. Tanaka, K. Inami, Shock-tube and modeling study of methane pyrolysis and oxidation, Comb. Flame 118 (1999) 340–358.