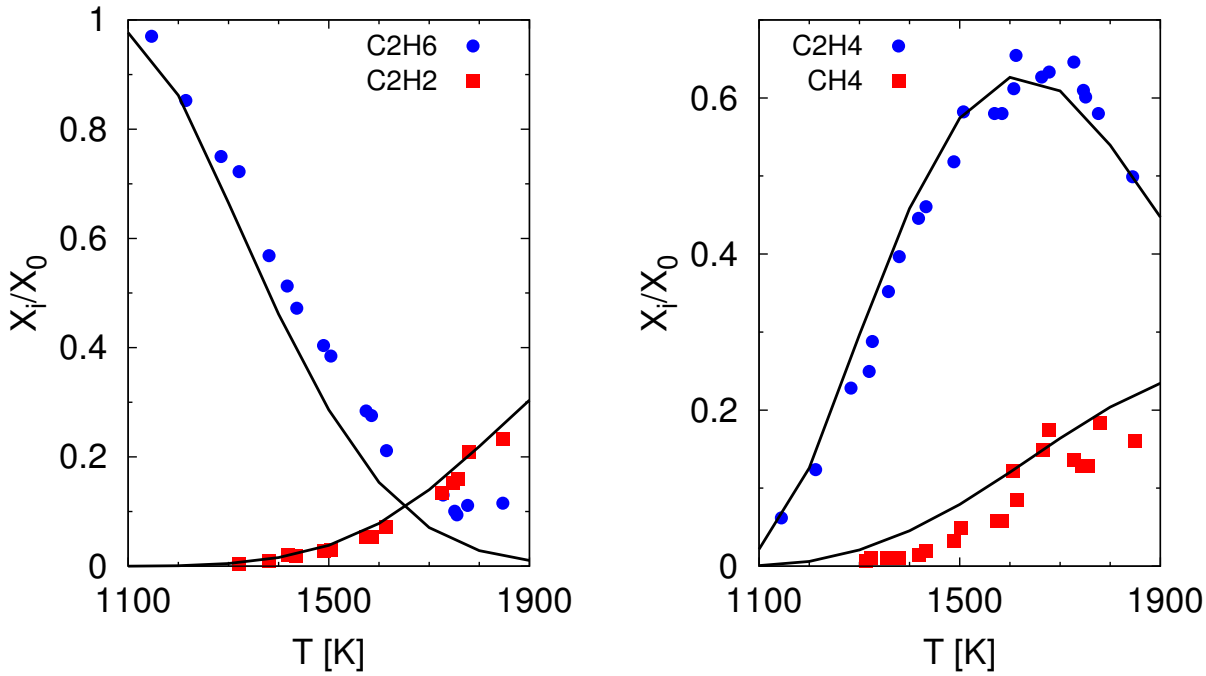
Species profiles in shock tubes



Species distribution during pyrolysis in a shock tube. Residence time and initial pressures as specified in Ref. Mixture A, 5% C2H6 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.