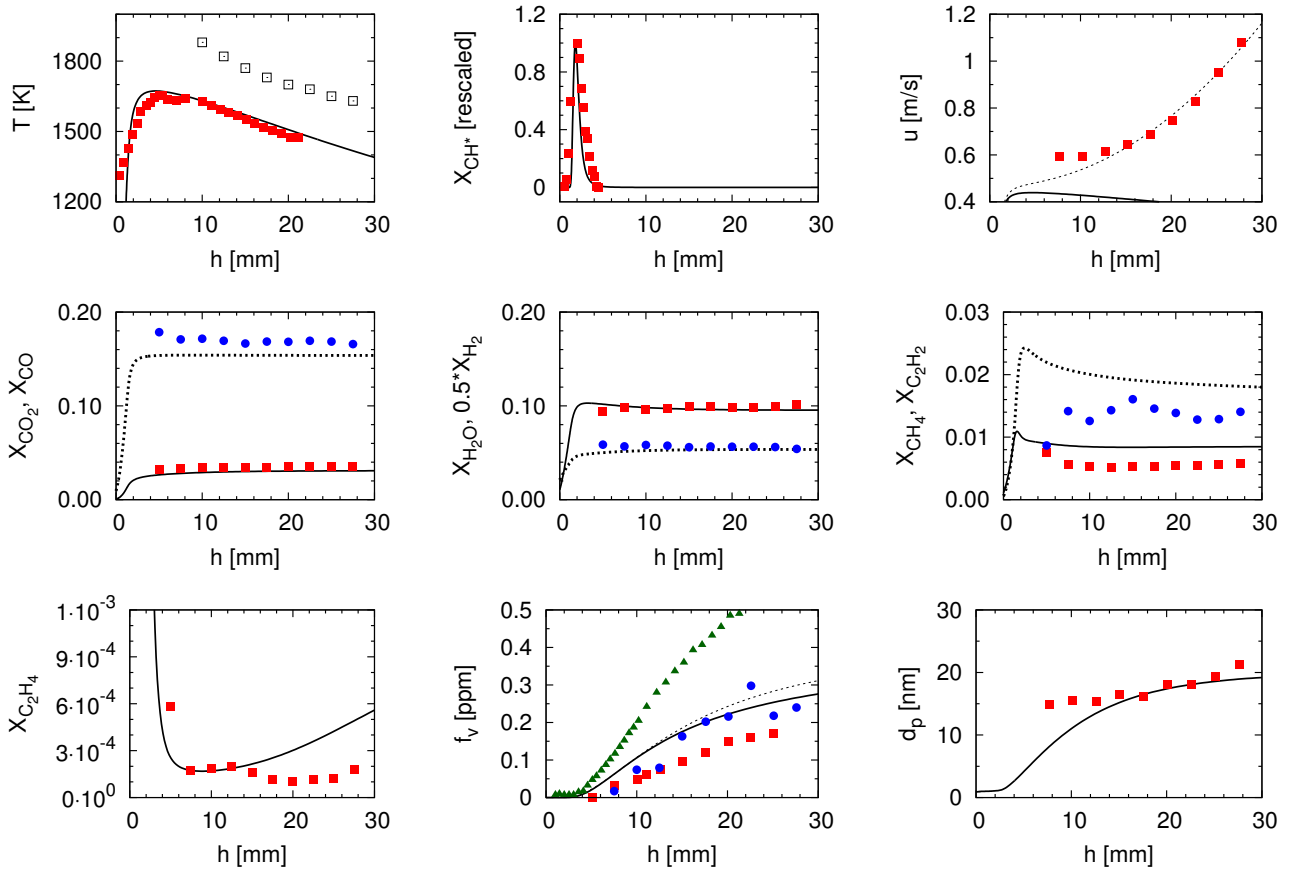


Burner Stabilized Premixed Flat Flame



C/O ratio of 0.78 at $P=1.0$ bar with $v_0=6.78$ cm/s. Temperature profile not imposed nor adjusted.

References

- [1] F. Xu, P. B. Sunderland, G. M. Faeth, Soot formation in laminar premixed ethylene/air flames at atmospheric pressure, *Combust. Flame* 108 (1997) 471–493.
- [2] A.V. Menon, S.-Y. Lee, M.J. Linevsky, T.A. Liztinger, R.J. Santoro, Addition of NO₂ to a laminar premixed ethylene/air flame: Effect on soot formation, *Proc. Comb. Inst.* 31 (2007) 593–601.