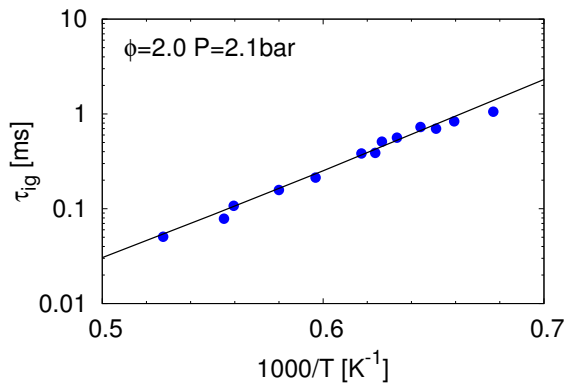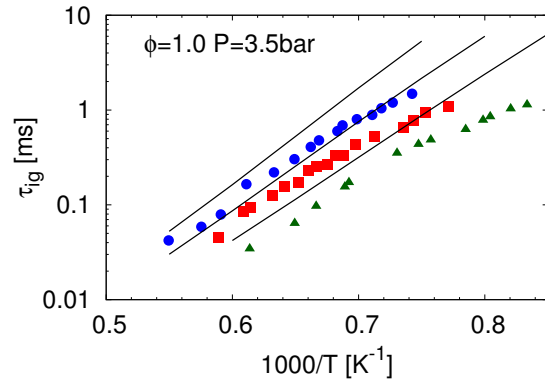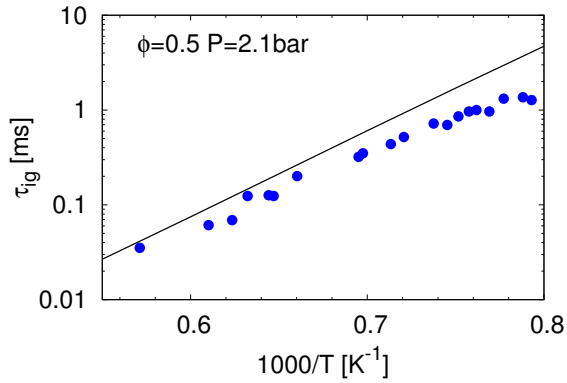# Ignition delay times

The recommended fits for the initial pressure as a function of initial temperature were used for the simulations at $\phi = 1$ ($P = 2.5bar$ and $P = 4.0bar$) (Brown & Thomas).

Experimental ignition delay times rescaled to indicated pressure using $\tau \sim P^{-0.89}$ as found in Lam & Hanson ($\phi = 0.5$).

References

[1] H. Curran, J. M. Simmie, P. Dagaut, D. Voisin, M. Cathonnet, The ignition and oxidation of allene and propyne: Experiments and kinetic modeling, Proc. Comb. Inst. 26 (1996) 613–620.