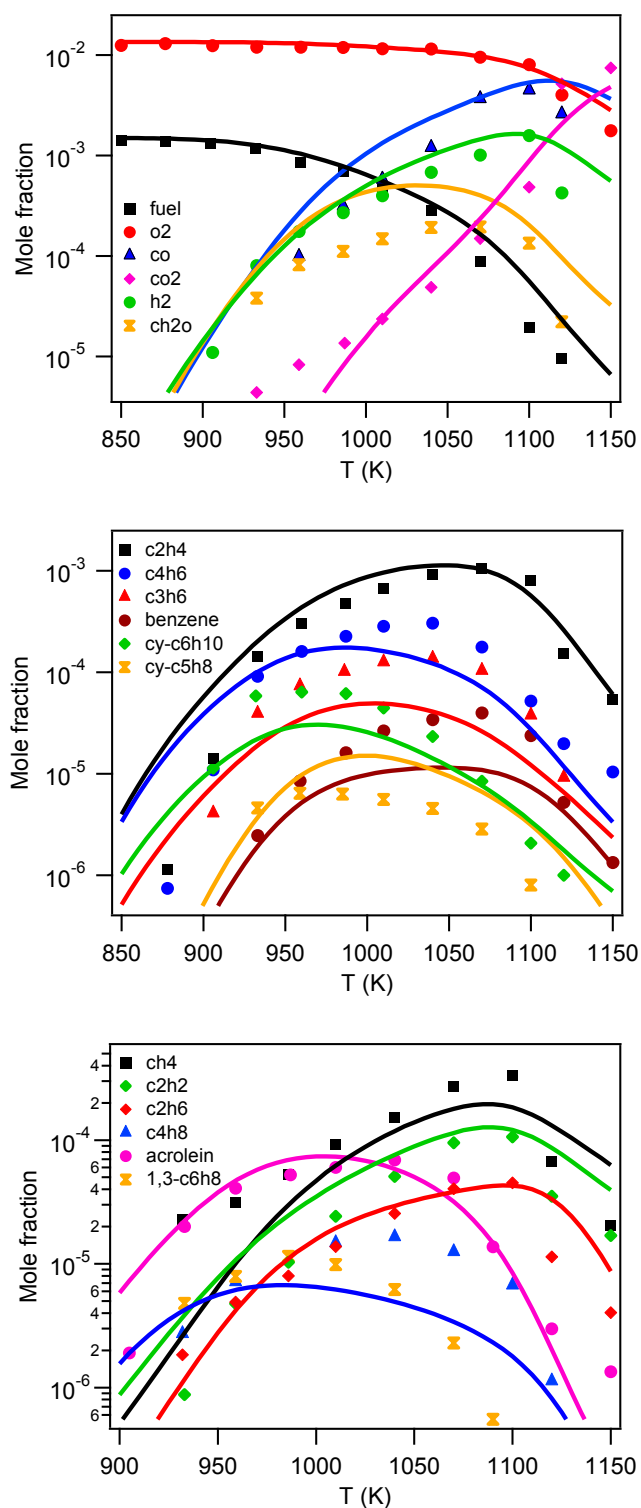
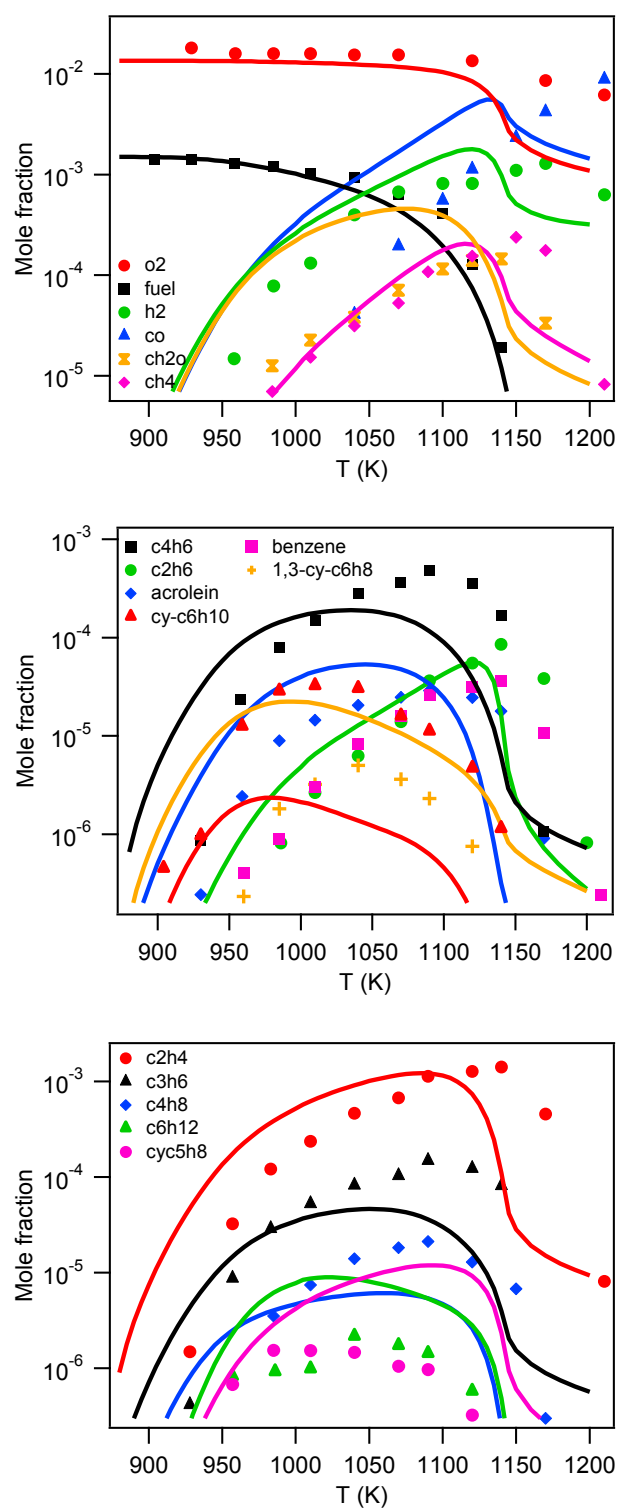


## Jet Stirred Reactor Simulations

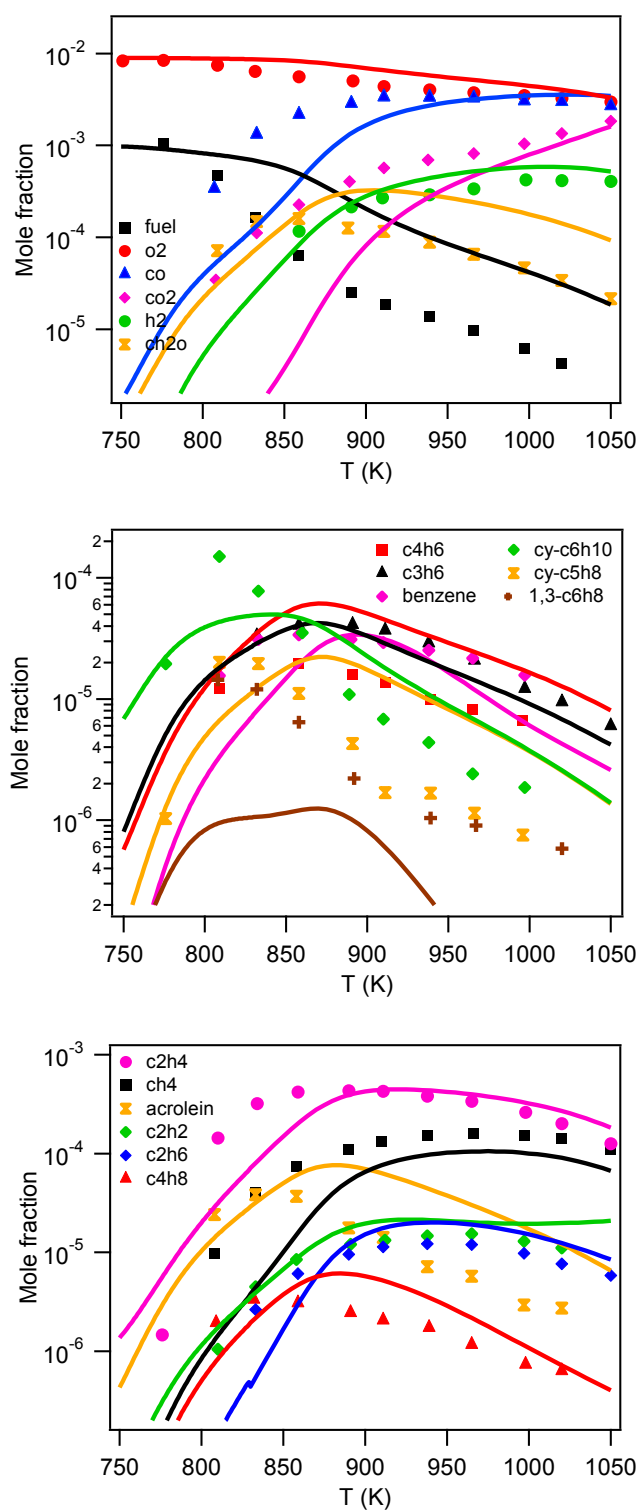
A. El Bakali; M. Braun-Unkhoff; P. Dagaut; P. Frank; M. Cathonnet, *Proc. Comb. Inst.* 28 (2000) 1631-1638.



**Figure S1.** Jet stirred reactor experiments and simulations (2 atm, 0.15 % fuel,  $\phi = 1$ ,  $\tau = 0.1$  s)



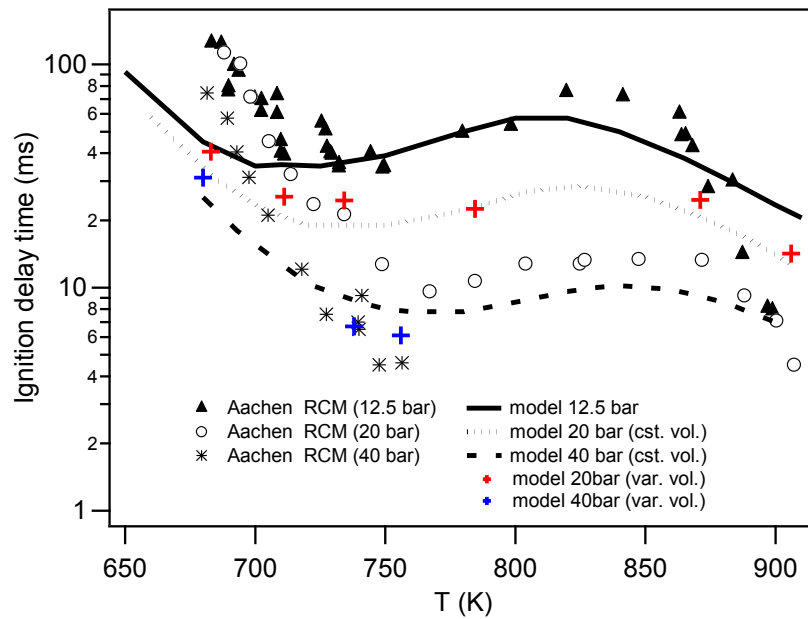
**Figure S2.** Jet stirred reactor experiments and simulations (1 atm, 0.15 % fuel,  $\phi = 1$ ,  $\tau = 0.07$  s)



**Figure S3.** Jet stirred reactor experiments and simulations (10 atm, 0.1 % fuel,  $\phi = 1$ ,  $\tau = 0.5$  s)

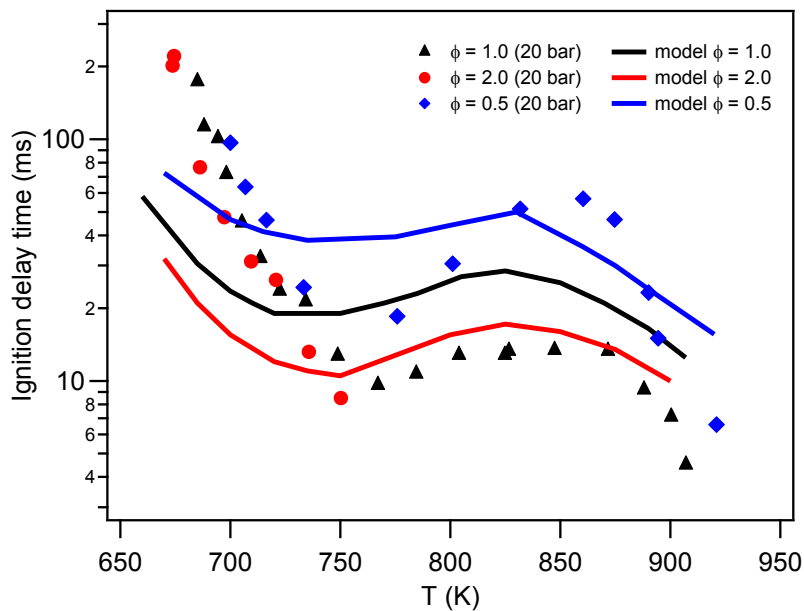
## RCM Simulations

S. Vranckx; C. Lee; H. K. Chakravarty; R. X. Fernandes, Proc. Comb. Inst. 34 (2012) 377–384



**Figure S4.** RCM ignition delay time data and simulations for  $\phi = 1$  ( $X_{\text{chx}} = 0.0228$ )

(black symbols: data, lines: constant volume simulations, (+) and (+): variable volume simulations)



**Figure S5.** RCM ignition delay time data and simulations at  $P_c = 20$  bar (Constant  $O_2 = 0.2051$ )