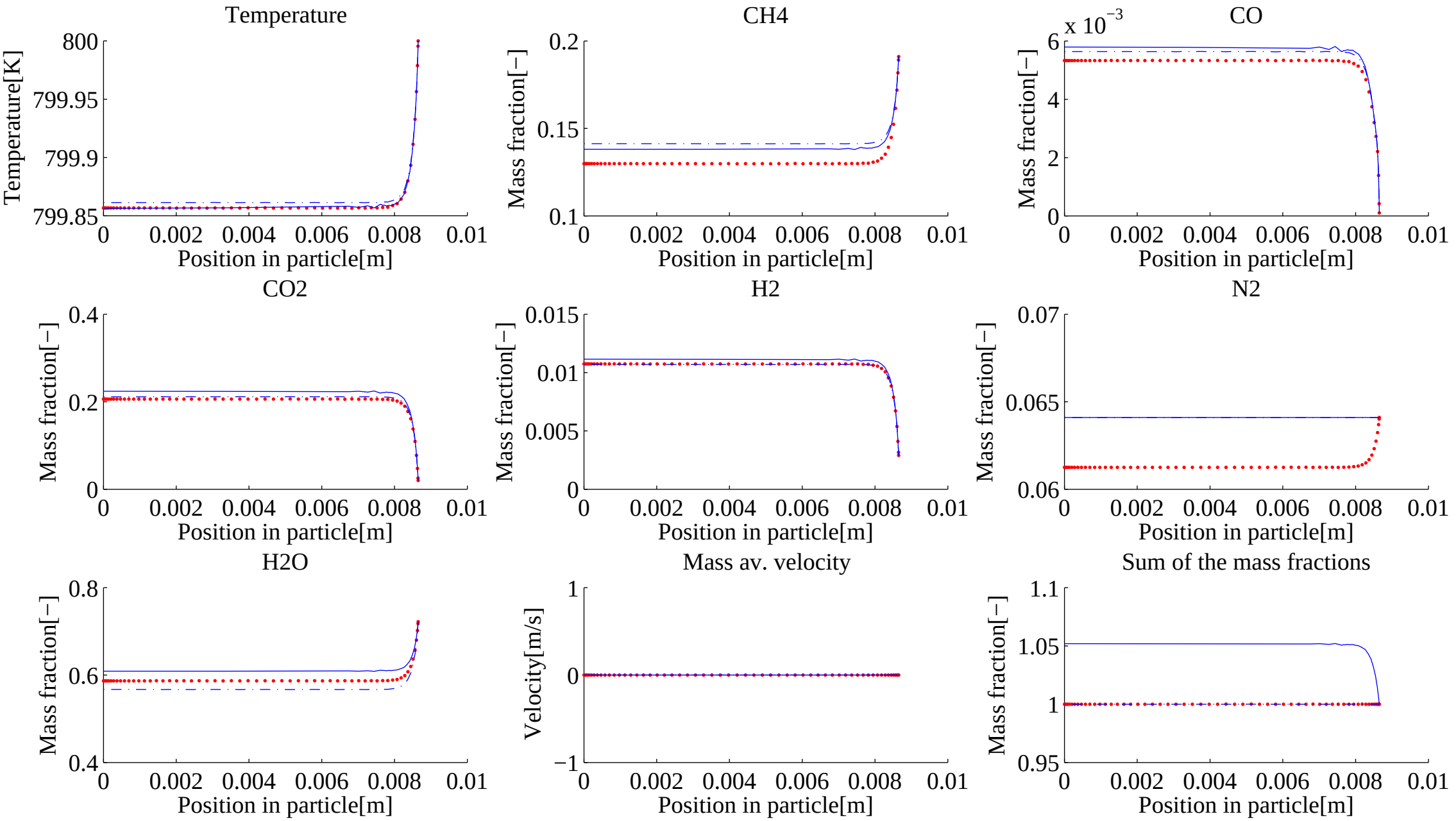
Temperature
Temperature[K]
800
799.95
799.9
799.85
0
0.002
0.004
0.006
0.008
0.01
Position in particle[m]
CH4
Mass fraction[−]
0.2
0.15
0.1
CO
x 10^−3
6
4
2
0
CO2
0.4
0.2
H2
0.015
0.01
0.005
N2
0.07
0.065
0.06
H2O
0.8
0.6
0.4
Mass av. velocity
Velocity[m/s]
1
−1
Sum of the mass fractions
1.1
1.05
1
0.95