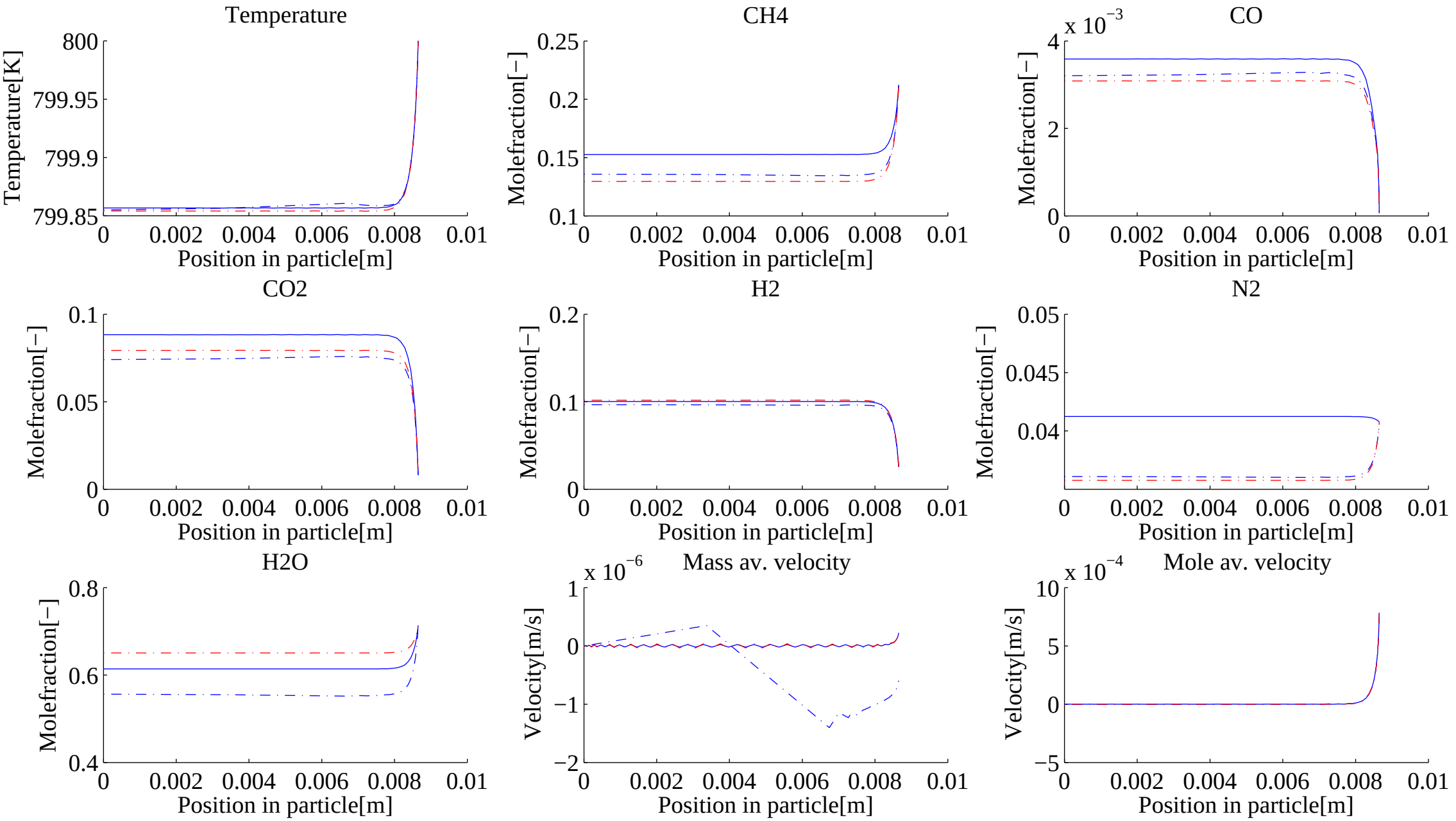
Temperature
Temperature[K]
800
799.95
799.9
799.85
0
0.002
0.004
0.006
0.008
0.01
Position in particle[m]
CH4
Molefraction[−]
0.25
0.2
0.15
0.1
CO
x 10^−3
4
2
0
CO2
0.1
0.05
H2
N2
0.05
0.045
0.04
H2O
0.8
0.6
0.4
Mass av. velocity
x 10^−6
Velocity[m/s]
1
−1
−2
Mole av. velocity
x 10^−4
10
5
−5