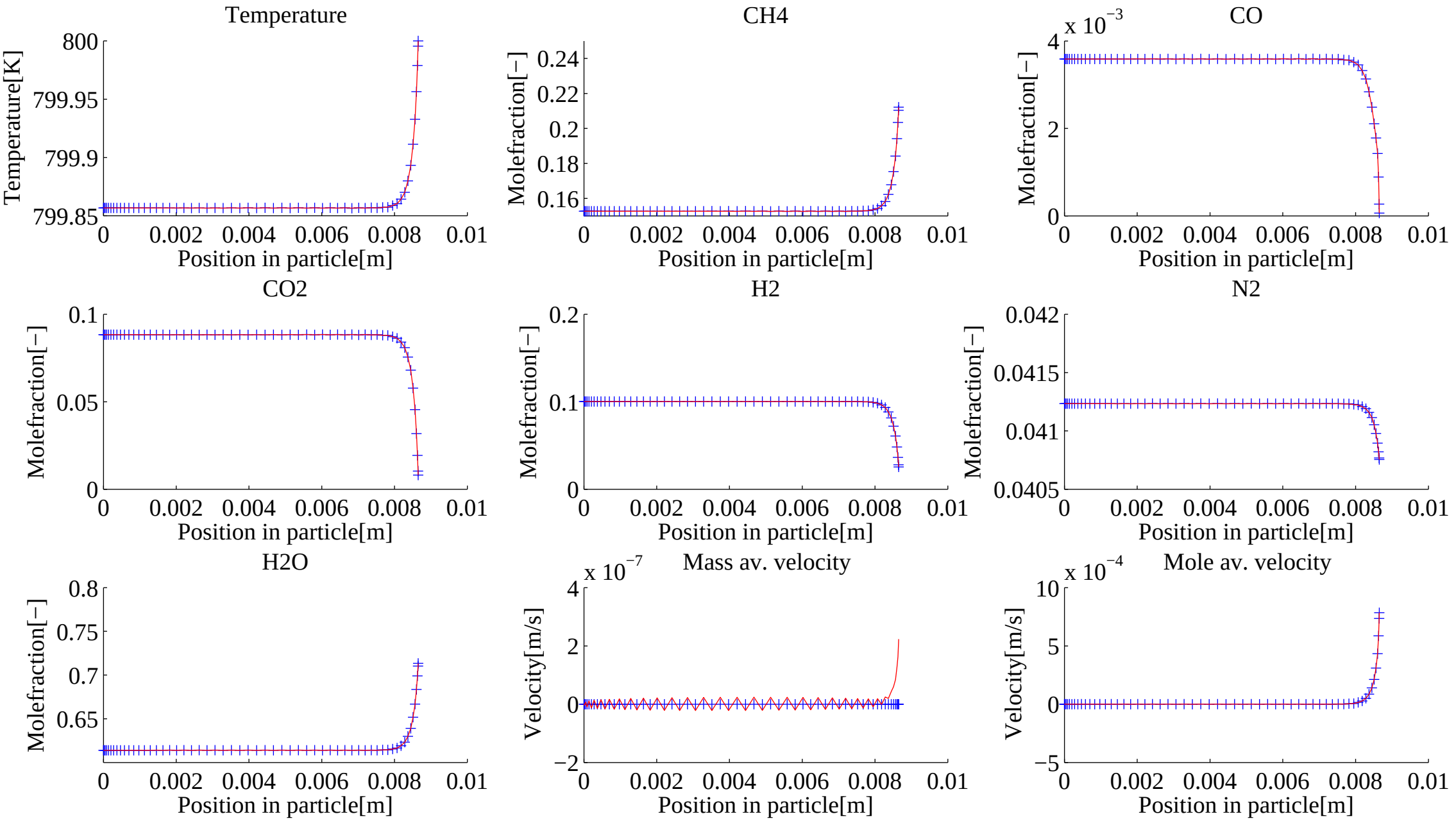
Temperature
Temperature[K]
800
799.95
799.9
799.85
0
0.002
0.004
0.006
0.008
0.01
Position in particle[m]
CH4
Molefraction[−]
0.24
0.22
0.2
0.18
0.16
Position in particle[m]
CO
x 10^−3
Molefraction[−]
4
2
0
Position in particle[m]
CO2
Molefraction[−]
0.1
0.05
0
Position in particle[m]
H2
Molefraction[−]
0.2
0.1
0
Position in particle[m]
N2
Molefraction[−]
0.042
0.0415
0.041
0.0405
Position in particle[m]
H2O
Molefraction[−]
0.8
0.75
0.7
0.65
Position in particle[m]
Mass av. velocity
x 10^−7
Velocity[m/s]
4
2
0
−2
Position in particle[m]
Mole av. velocity
x 10^−4
Velocity[m/s]
10
5
0
−5
Position in particle[m]