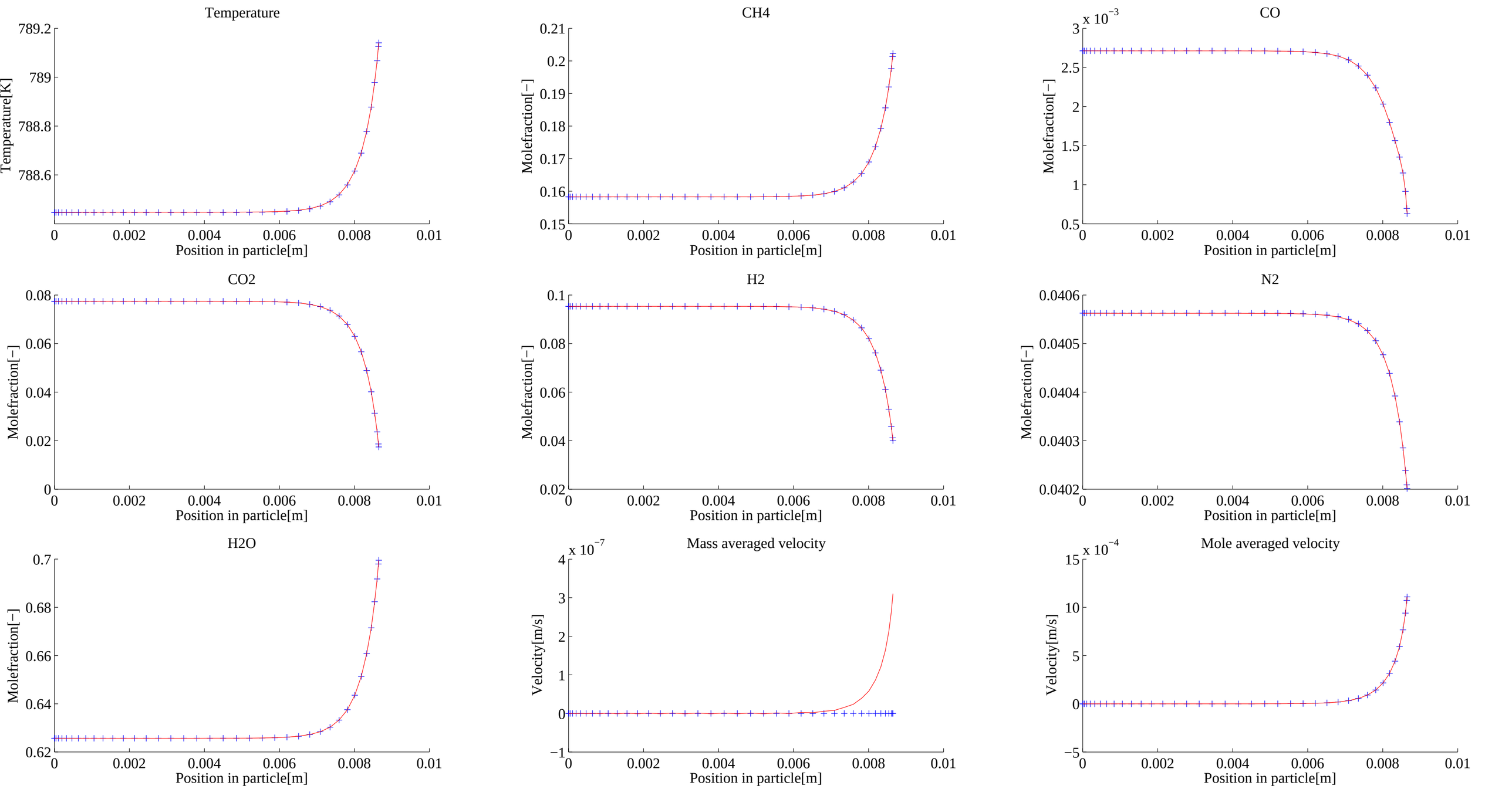
Temperature
Temperature[K]
789.2
789
788.8
788.6
0
0.002
0.004
0.006
0.008
0.01
Position in particle[m]
CH4
Molefraction[−]
0.21
0.2
0.19
0.18
0.17
0.16
0.15
CO
x 10^−3
3
2.5
2
1.5
1
0.5
CO2
0.08
0.06
0.04
0.02
H2
0.1
N2
0.0406
0.0405
0.0404
0.0403
0.0402
H2O
0.7
0.68
0.66
0.64
0.62
Mass averaged velocity
x 10^−7
Velocity[m/s]
4
3
2
1
−1
Mole averaged velocity
x 10^−4
15
10
5
−5