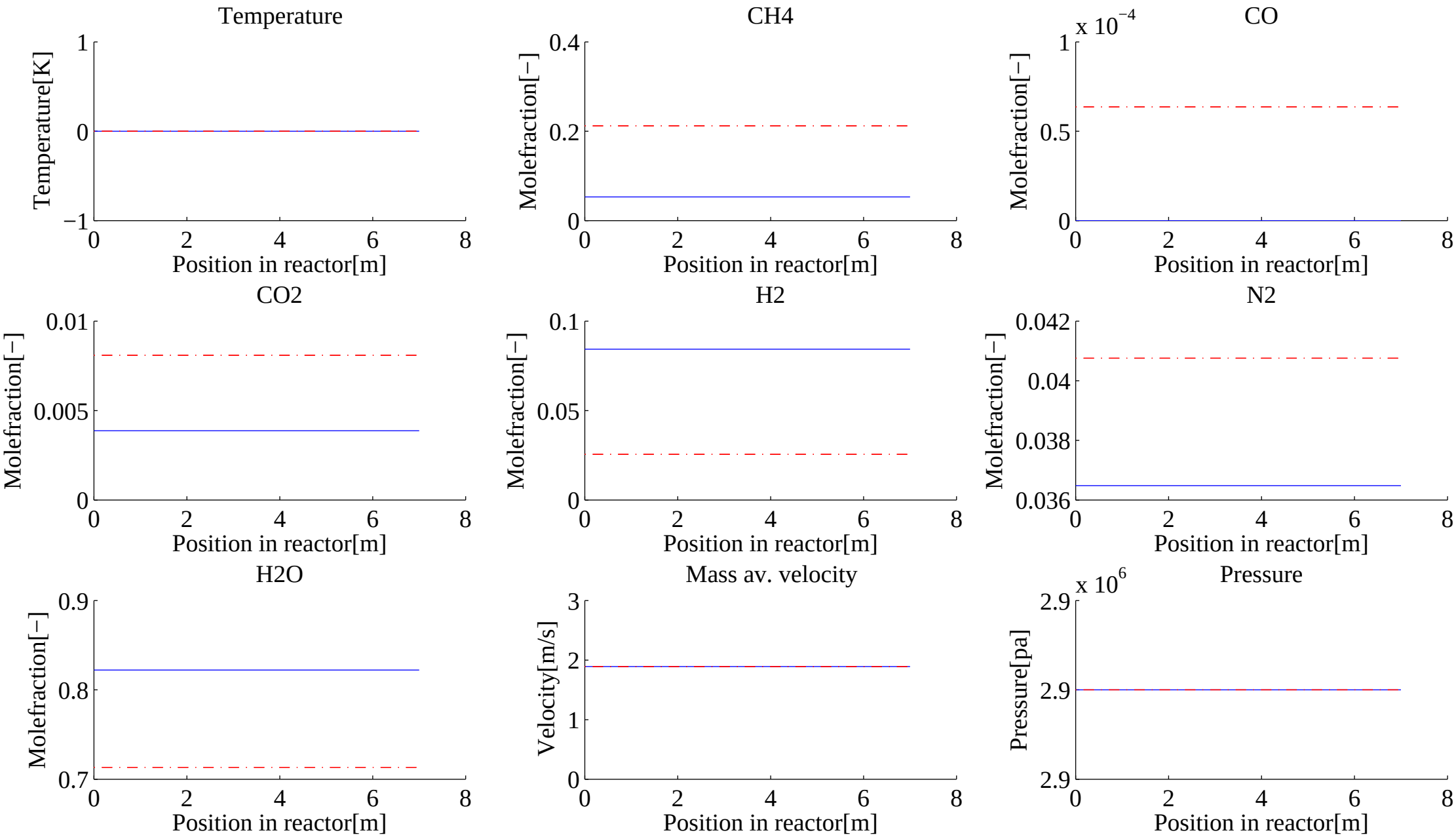
Temperature
Temperature[K]
1
0
−1
0
2
4
6
8
Position in reactor[m]
CH4
Molefraction[−]
0.4
0.2
0
Position in reactor[m]
CO
x 10^−4
Molefraction[−]
1
0.5
0
Position in reactor[m]
CO2
Molefraction[−]
0.01
0.005
0
Position in reactor[m]
H2
Molefraction[−]
0.1
0.05
0
Position in reactor[m]
N2
Molefraction[−]
0.042
0.04
0.038
0.036
Position in reactor[m]
H2O
Molefraction[−]
0.9
0.8
0.7
Position in reactor[m]
Mass av. velocity
Velocity[m/s]
3
2
1
0
Position in reactor[m]
Pressure
x 10^6
Pressure[pa]
2.9
2.9
2.9
Position in reactor[m]