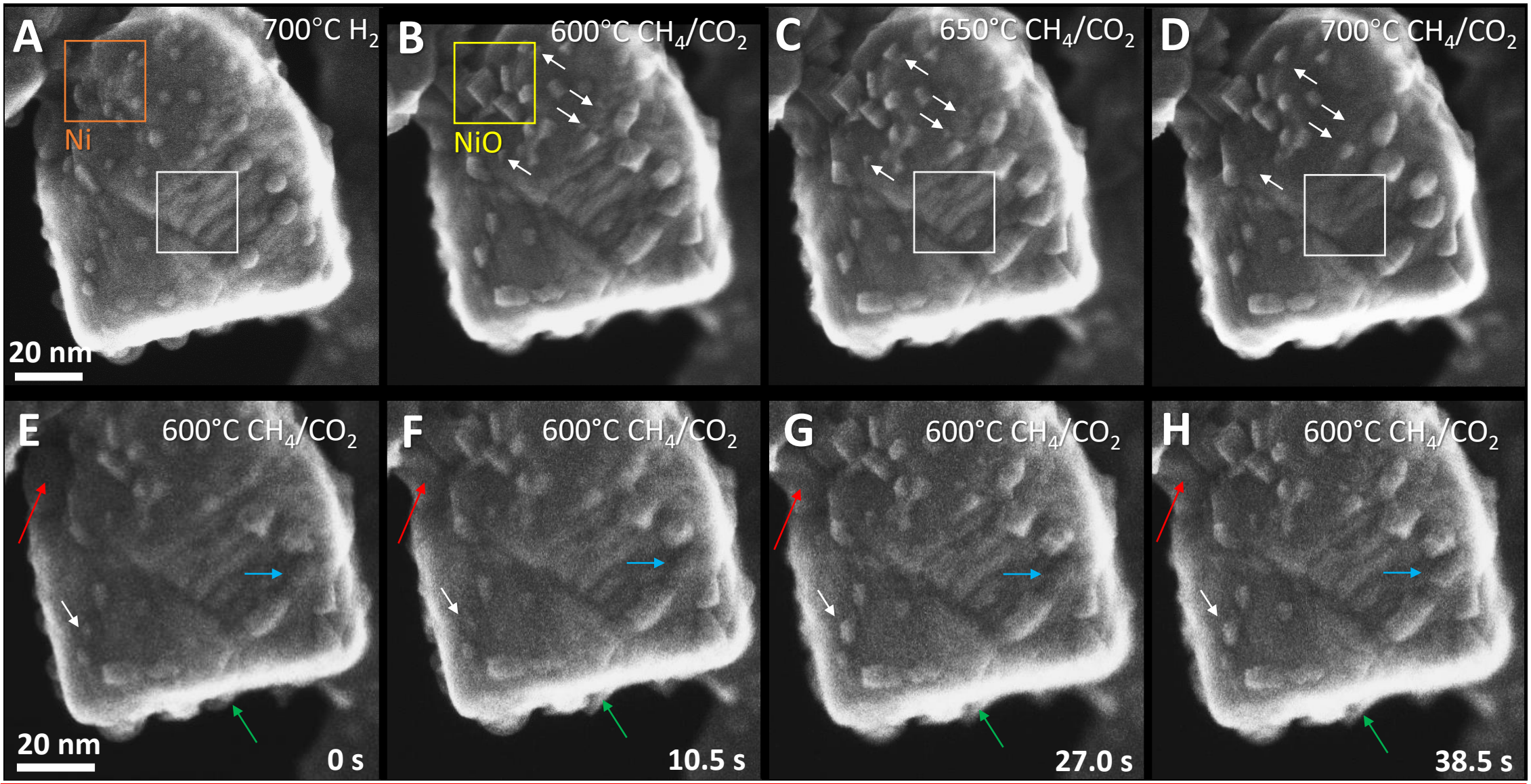
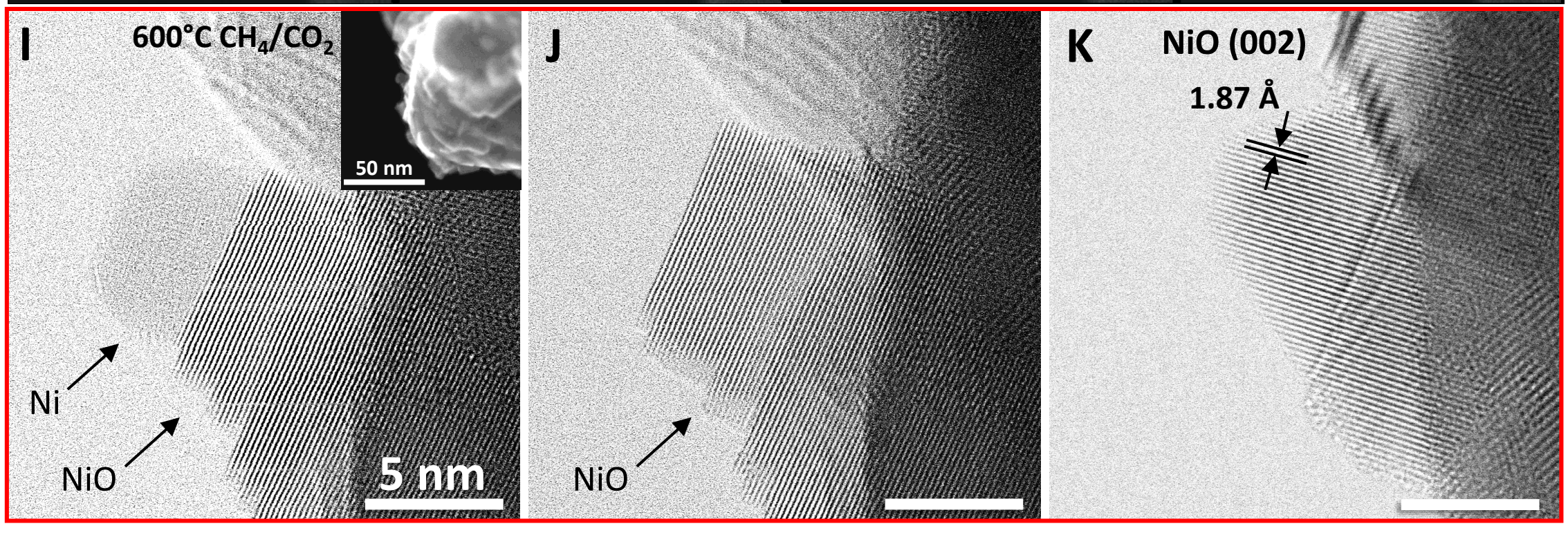

A
700°C H2
Ni
20 nm
B
600°C CH4/CO2
NiO
C
650°C CH4/CO2
D
700°C CH4/CO2
E
600°C CH4/CO2
20 nm
0 s
F
600°C CH4/CO2
10.5 s
G
600°C CH4/CO2
27.0 s
H
600°C CH4/CO2
38.5 s


I
600°C CH4/CO2
50 nm
Ni
NiO
5 nm
J
NiO
K
NiO (002)
1.87 Å