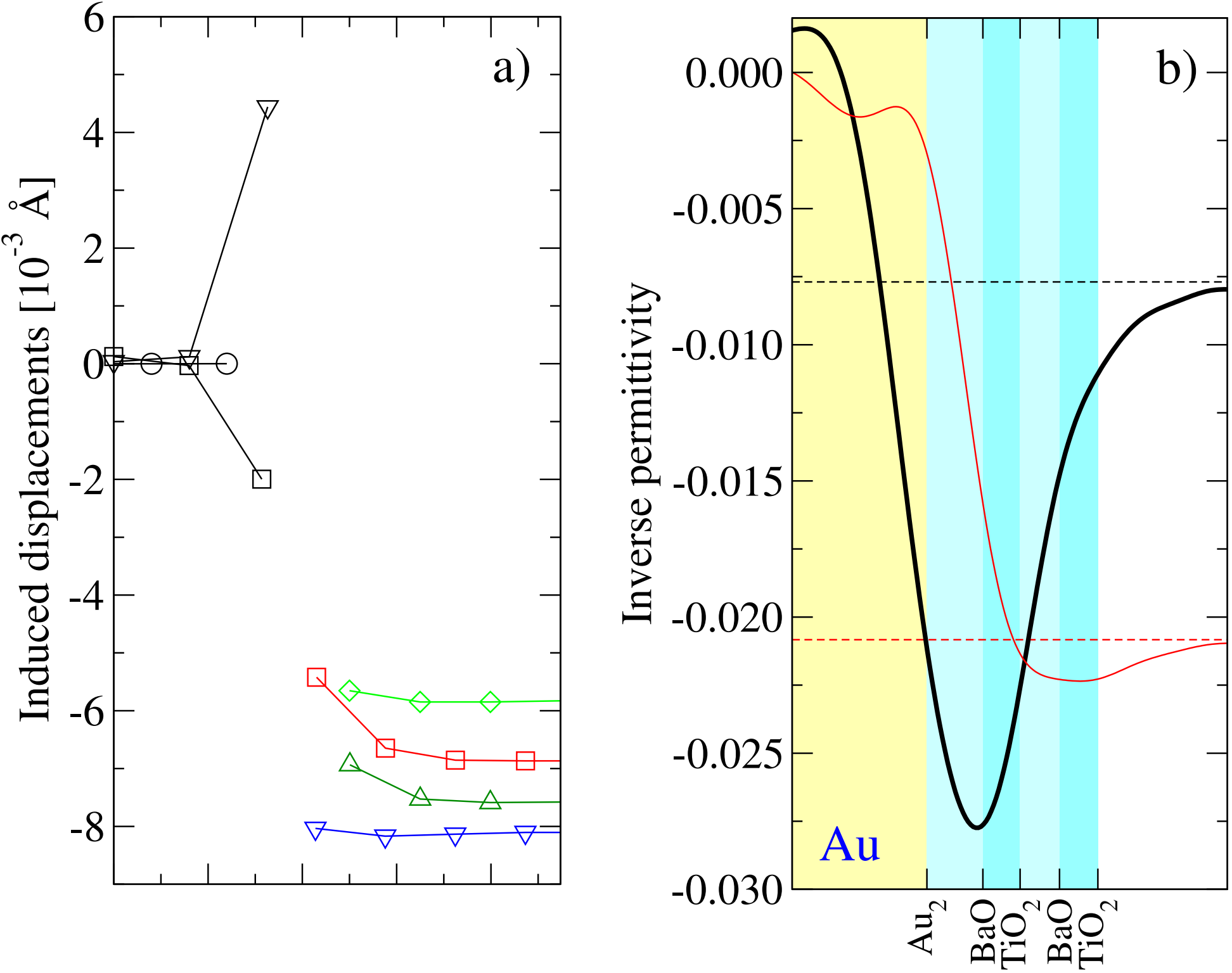
a)
Induced displacements [10^{-3} Å]
6
4
2
0
-2
-4
-6
-8
b)
Inverse permittivity
0.000
-0.005
-0.010
-0.015
-0.020
-0.025
-0.030
Au
Au$_2$
BaO
TiO$_2$
BaO
TiO$_2$