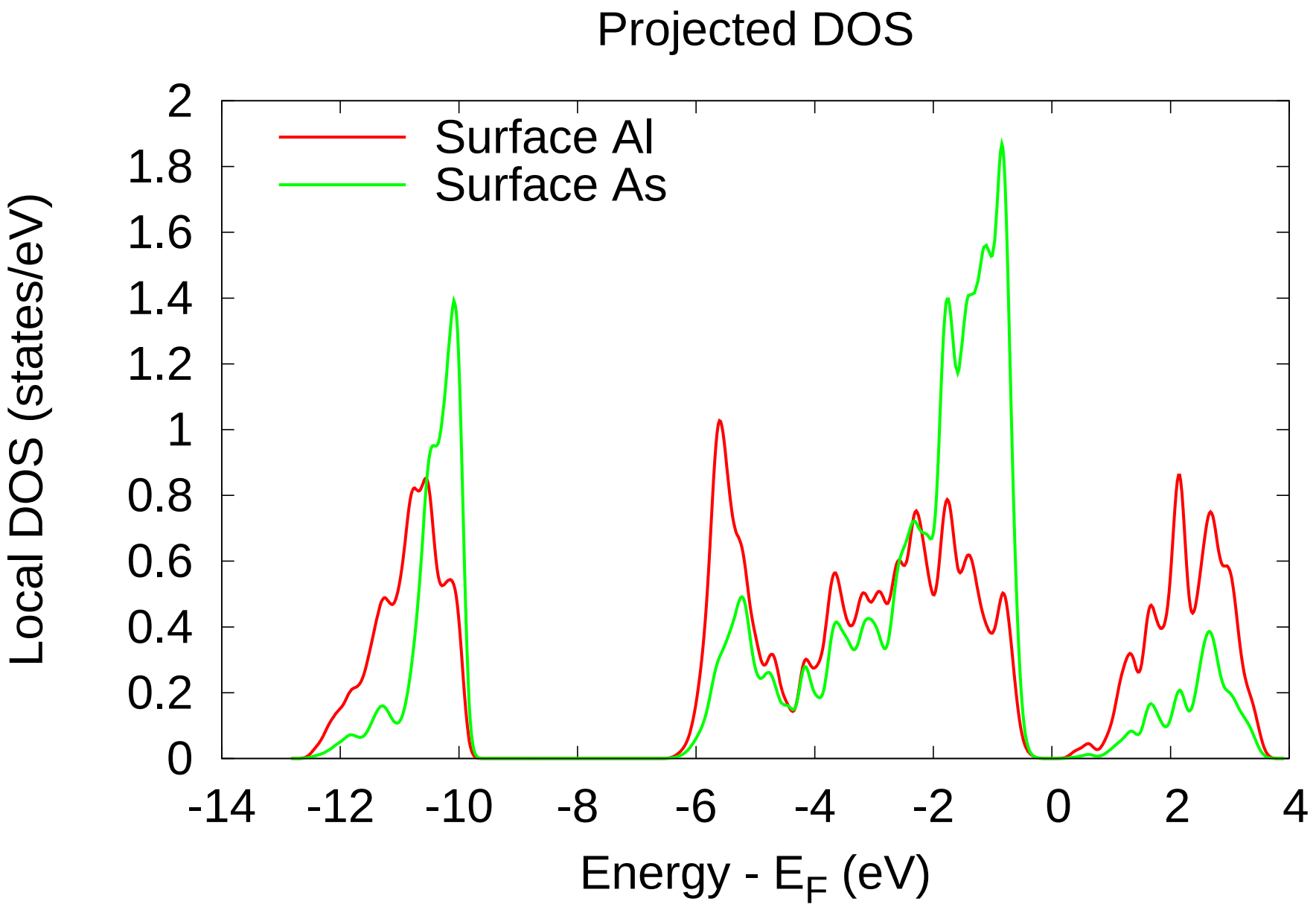
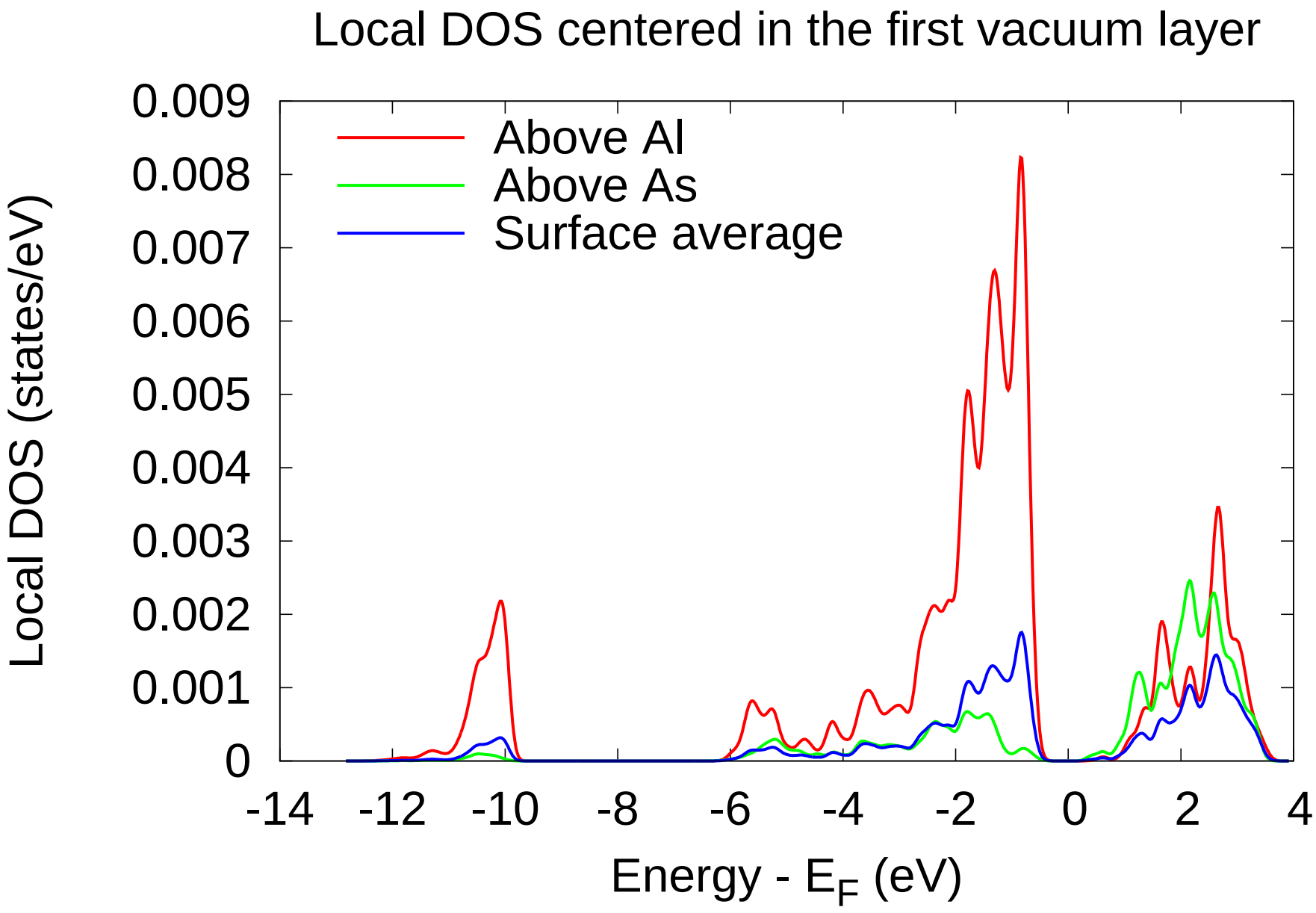
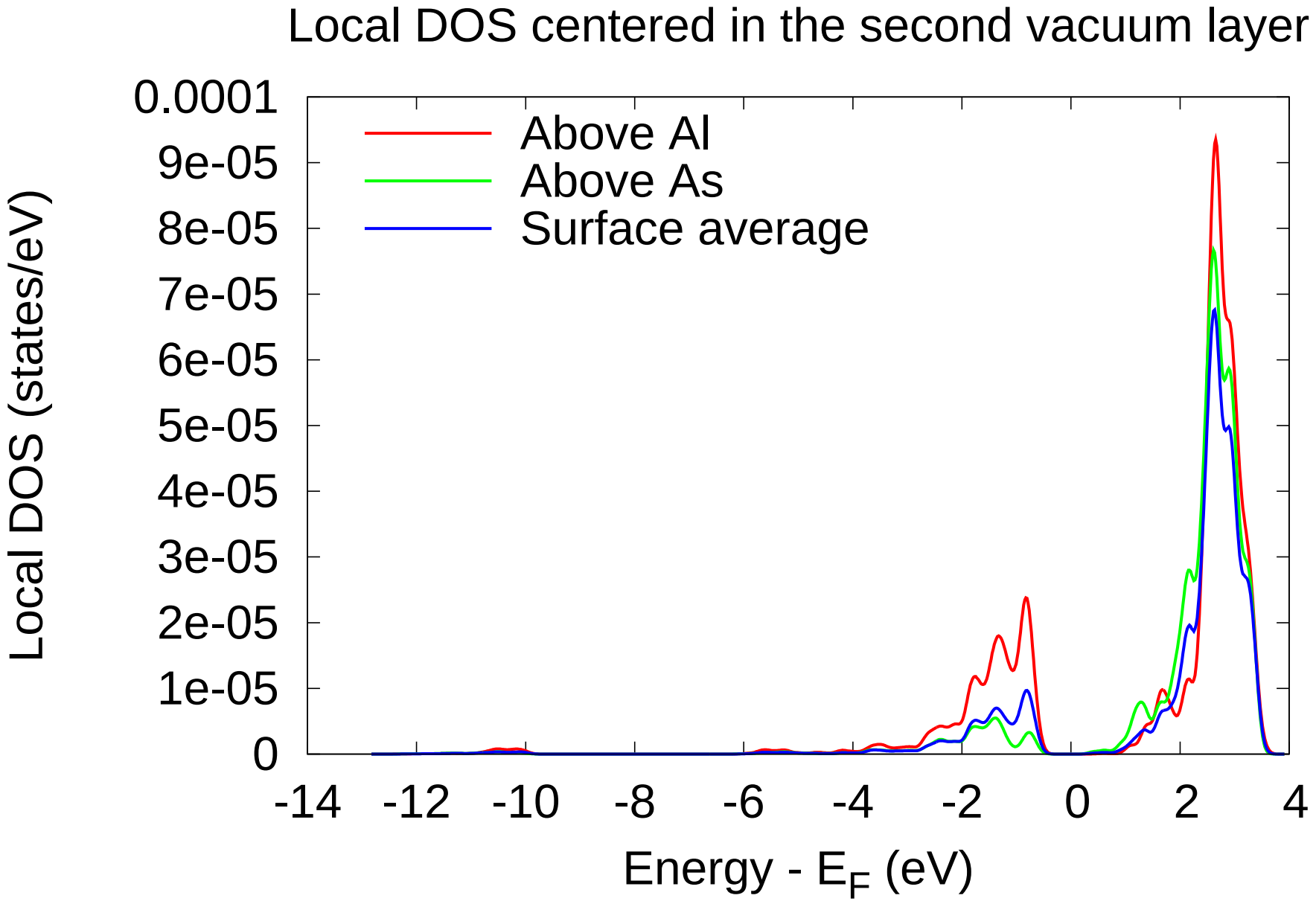

Projected DOS
Surface Al
Surface As
Local DOS (states/eV)
Energy - E_F (eV)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-14
-12
-10
-8
-6
-4
-2
0
2
4


Local DOS centered in the first vacuum layer
Above Al
Above As
Surface average
Local DOS (states/eV)
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
-14
-12
-10
-8
-6
-4
-2
0
2
4
Energy - E_F (eV)


Local DOS centered in the second vacuum layer
Local DOS (states/eV)
0.0001
9e-05
8e-05
7e-05
6e-05
5e-05
4e-05
3e-05
2e-05
1e-05
0
-14
-12
-10
-8
-6
-4
-2
0
2
4
Energy - E_F (eV)
Above Al
Above As
Surface average