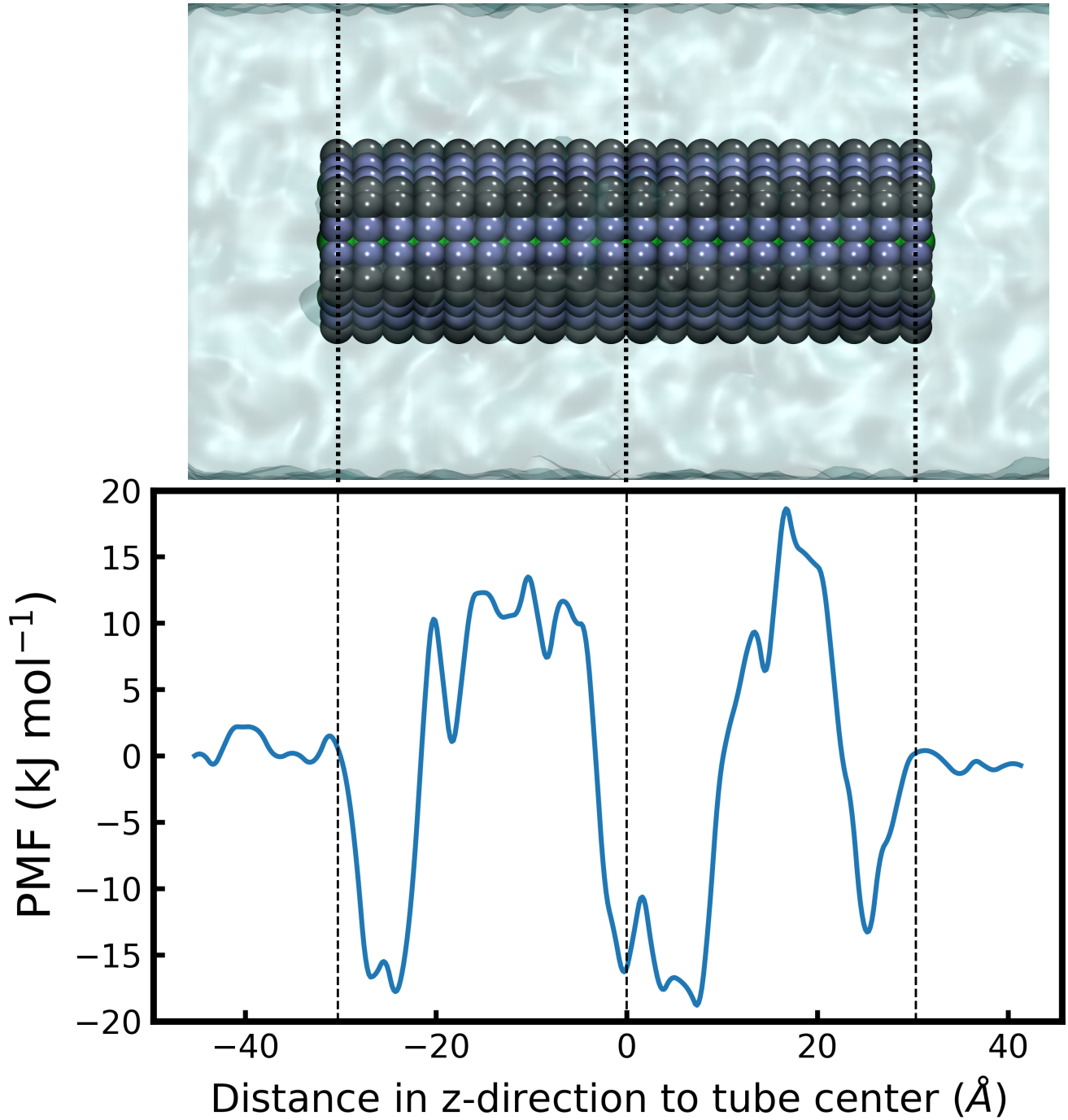
20
15
10
5
0
−5
−10
−15
−20
PMF (kJ mol^{-1})
−40
−20
0
20
40
Distance in z-direction to tube center (Å)