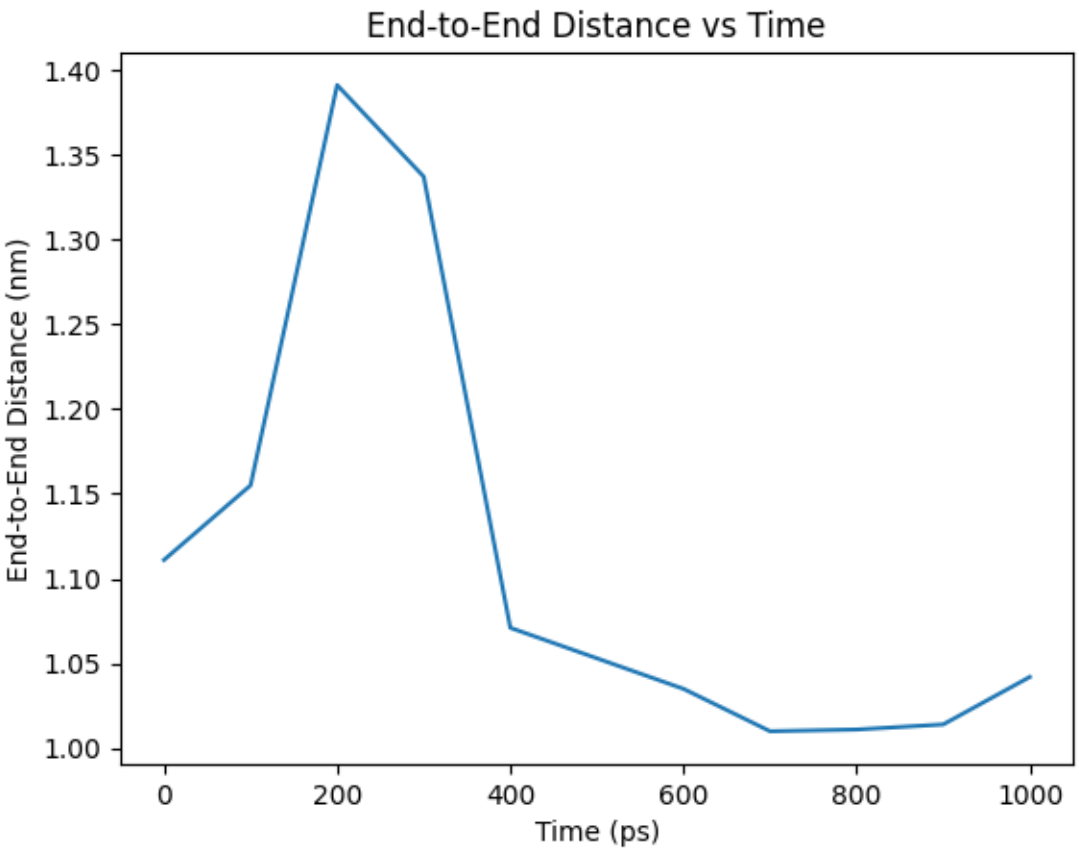
Untitled

October 3, 2024

[1]:
```
import matplotlib.pyplot as plt
import numpy as np

#
data = np.loadtxt("end_to_end_dist.xvg", comments=["@", "#"])
time = data[:, 0]  #   (ps)
distance = data[:, 1]  #     (nm)

#
plt.plot(time, distance)
plt.xlabel('Time (ps)')
plt.ylabel('End-to-End Distance (nm)')
plt.title('End-to-End Distance vs Time')
plt.savefig('end_to_end_distance.png')
plt.show()
```


End-to-End Distance vs Time
End-to-End Distance (nm)
1.40
1.35
1.30
1.25
1.20
1.15
1.10
1.05
1.00
0
200
400
600
800
1000
Time (ps)

[ ]: