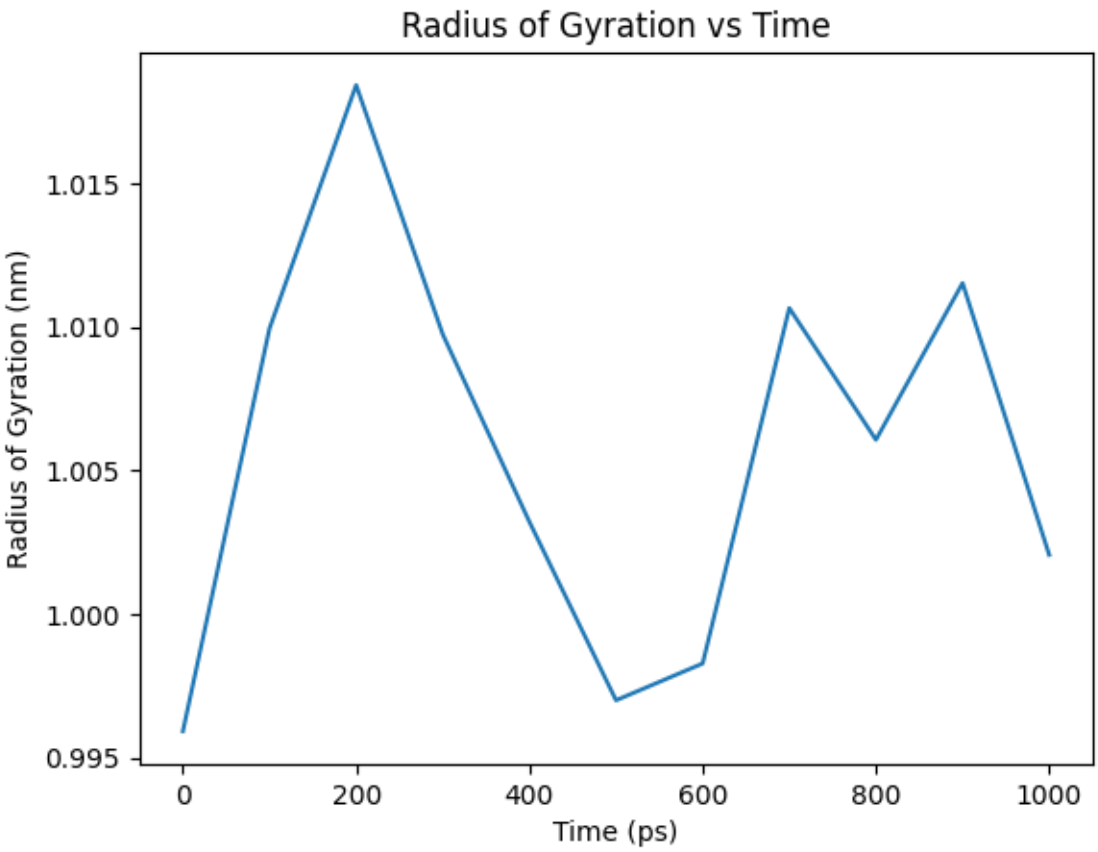
r_g

October 3, 2024

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

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

#
plt.plot(time, gyration)
plt.xlabel('Time (ps)')
plt.ylabel('Radius of Gyration (nm)')
plt.title('Radius of Gyration vs Time')
plt.savefig('gyration_radius.png')
plt.show()
```


Radius of Gyration vs Time
Radius of Gyration (nm)
1.015
1.010
1.005
1.000
0.995
0
200
400
600
800
1000
Time (ps)

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