

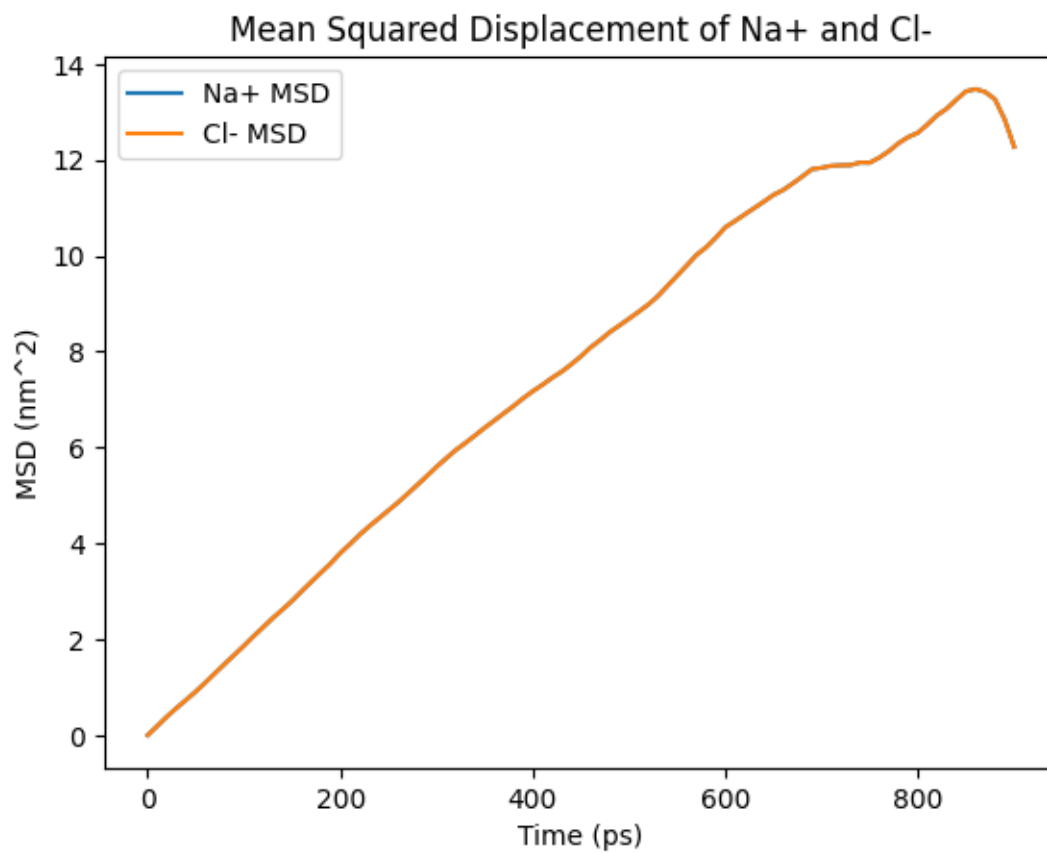
# MSD\_NaCl

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

# Na+ Cl- MSD
time_na, msd_na = np.loadtxt("msd_na.xvg", comments=["@", "#"], unpack=True)
time_cl, msd_cl = np.loadtxt("msd_cl.xvg", comments=["@", "#"], unpack=True)

# MSD
plt.plot(time_na, msd_na, label='Na+ MSD')
plt.plot(time_cl, msd_cl, label='Cl- MSD')
plt.xlabel('Time (ps)')
plt.ylabel('MSD (nm^2)')
plt.title('Mean Squared Displacement of Na+ and Cl-')
plt.legend()
plt.savefig('msd_na_cl_plot.png')
plt.show()
```



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