

Pressure_Time

September 26, 2024

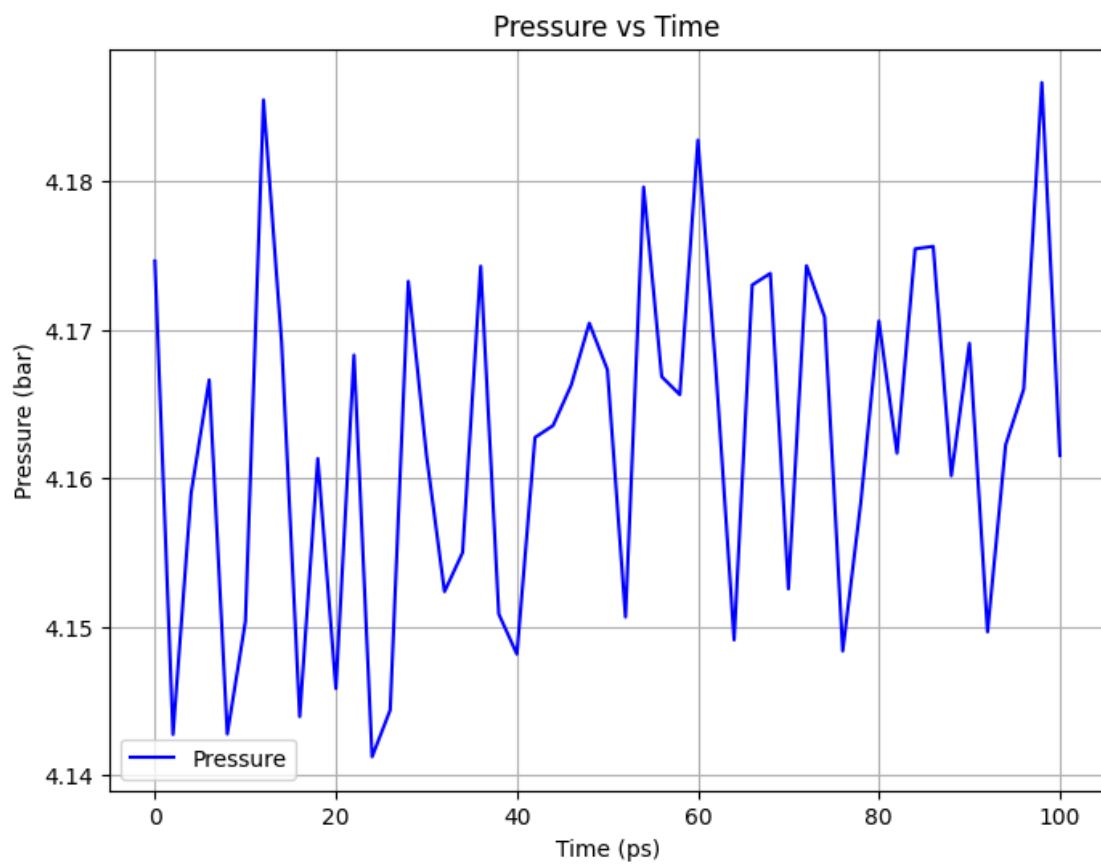
```
[1]: import numpy as np
import matplotlib.pyplot as plt

def read_xvg(filename):
    data = []
    with open(filename, 'r') as file:
        for line in file:
            if not line.startswith(('#', '@')):
                data.append([float(x) for x in line.split()])
    return np.array(data)

data = read_xvg('./pressure.xvg')

time = data[:, 0]
pressure = data[:, 1]

plt.figure(figsize=(8, 6))
plt.plot(time, pressure, label='Pressure', color='b')
plt.xlabel('Time (ps)')
plt.ylabel('Pressure (bar)')
plt.title('Pressure vs Time')
plt.grid(True)
plt.legend()
plt.show()
```



[]: