```
import matplotlib.pyplot as plt

# Example x and y paired values
x1 = [4, 5, 6, 7, 8]
y1 = [1.8871e-05, 5.9765e-05, 7.507e-05, 0.000387802, 0.000523492]

x2 = [4, 5, 6, 7, 8]
y2 = [1.5367e-05, 3.0211e-05, 2.1308e-05, 5.5658e-05, 3.7815e-05]

# Create line plots for both sets of data
plt.plot(x1, y1, label='Exhaustive Optimization')
plt.plot(x2, y2, label='Dynamic Programming')

# Add labels and title
plt.xlabel('Grid size')
plt.ylabel('Time(seconds)')
plt.title('Exhaustive Optimization vs Dynamic Programming')

# Add a legend
plt.legend()

# Display the plot
plt.show()
```