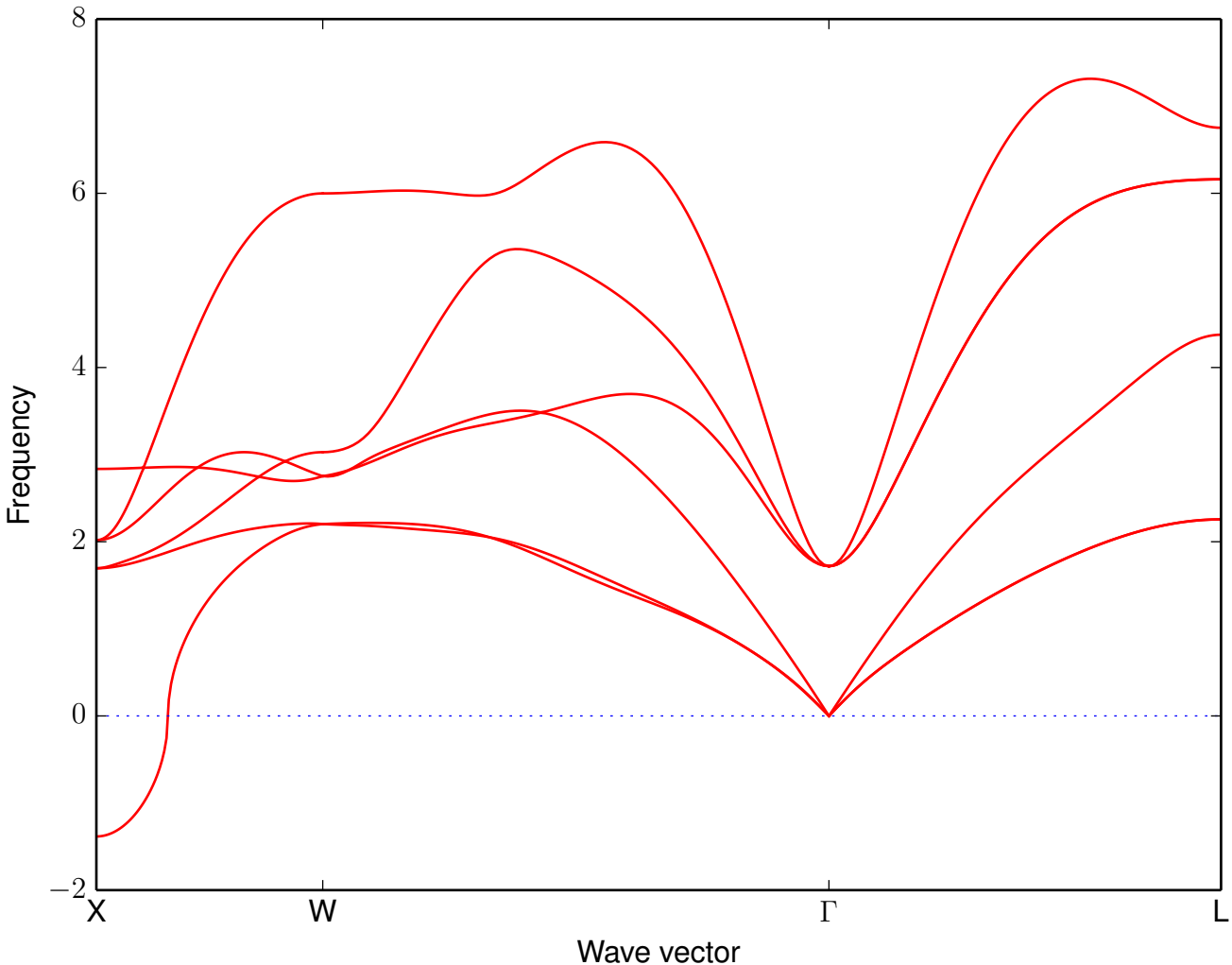
8
6
4
2
0
−2
Frequency
X
W
Γ
L
Wave vector