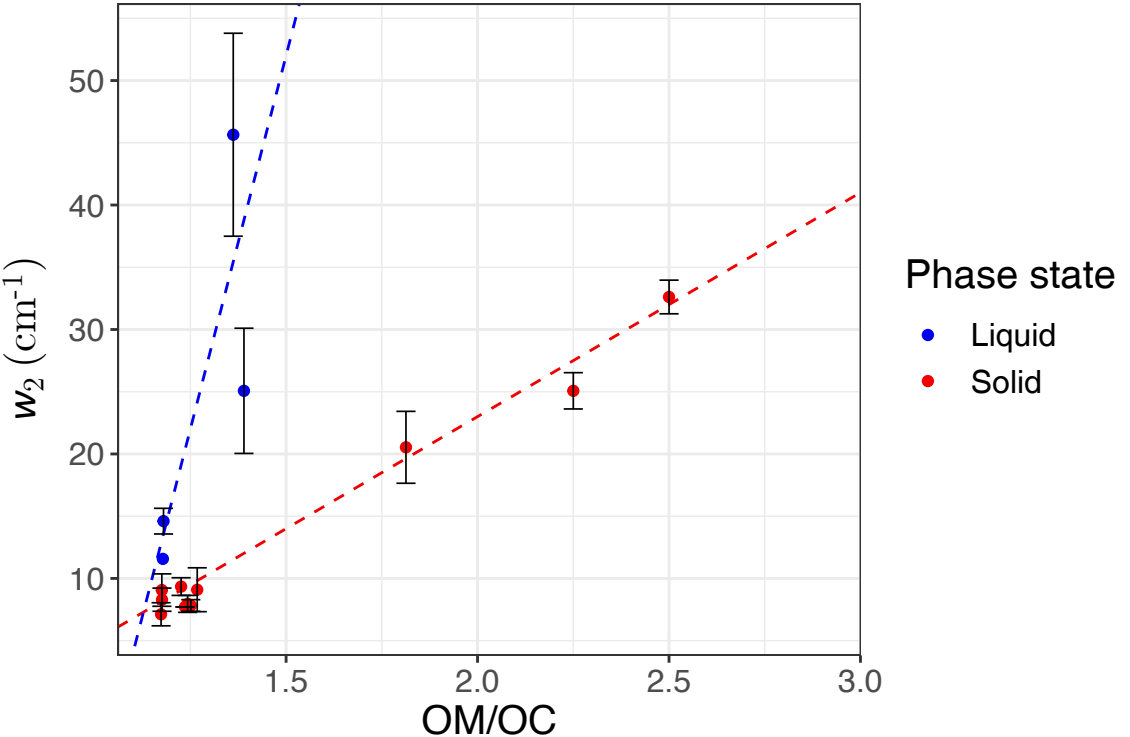
50
40
30
20
10
w_2 (cm^{-1})
1.5
2.0
2.5
3.0
OM/OC
Phase state
Liquid
Solid