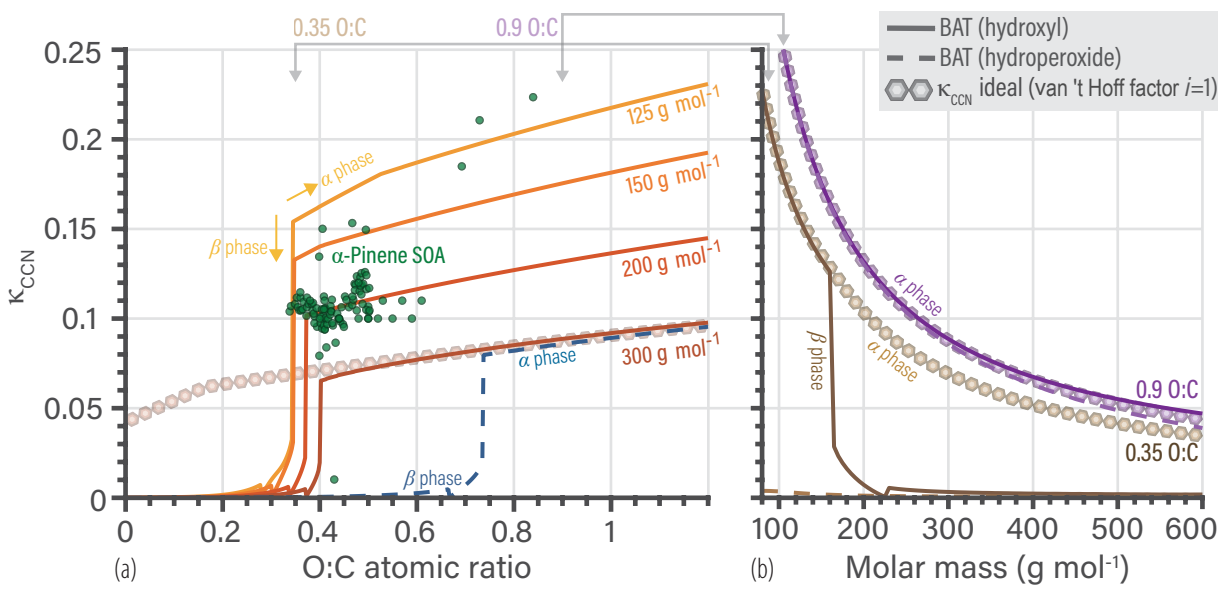
0.35 O:C
0.9 O:C
BAT (hydroxyl)
BAT (hydroperoxide)
κCCN ideal (van 't Hoff factor i=1)
0.25
0.2
0.15
0.1
0.05
0
κCCN
125 g mol-1
150 g mol-1
200 g mol-1
300 g mol-1
α phase
β phase
α-Pinene SOA
0
0.2
0.4
0.6
0.8
1
(a)
O:C atomic ratio
100
200
300
400
500
600
(b)
Molar mass (g mol-1)
0.9 O:C
0.35 O:C