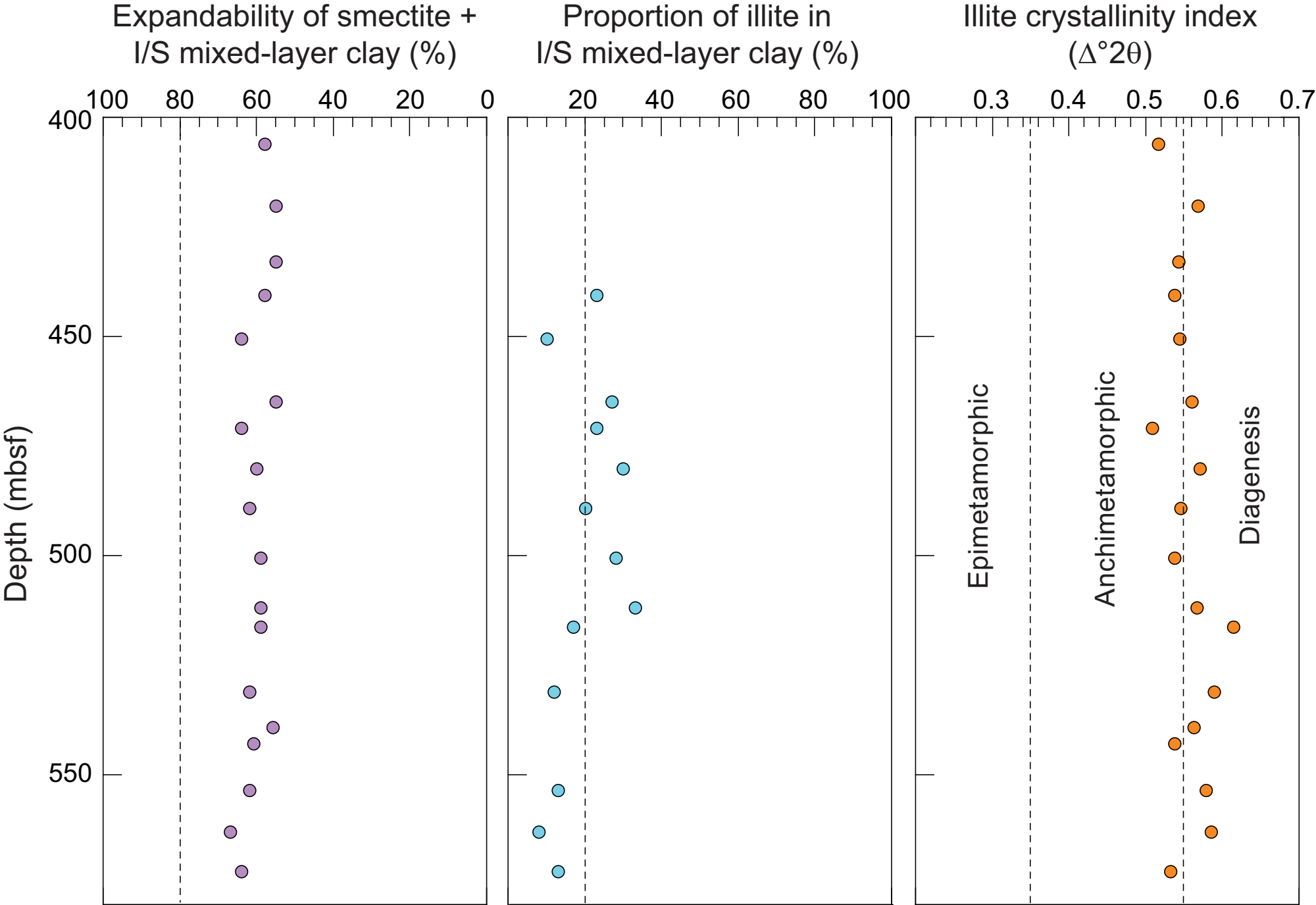
Expandability of smectite + I/S mixed-layer clay (%)
100
80
60
40
20
0
Proportion of illite in I/S mixed-layer clay (%)
20
40
60
80
100
Illite crystallinity index (Δ°2θ)
0.3
0.4
0.5
0.6
0.7
Depth (mbsf)
400
450
500
550
Epimetamorphic
Anchimetamorphic
Diagenesis