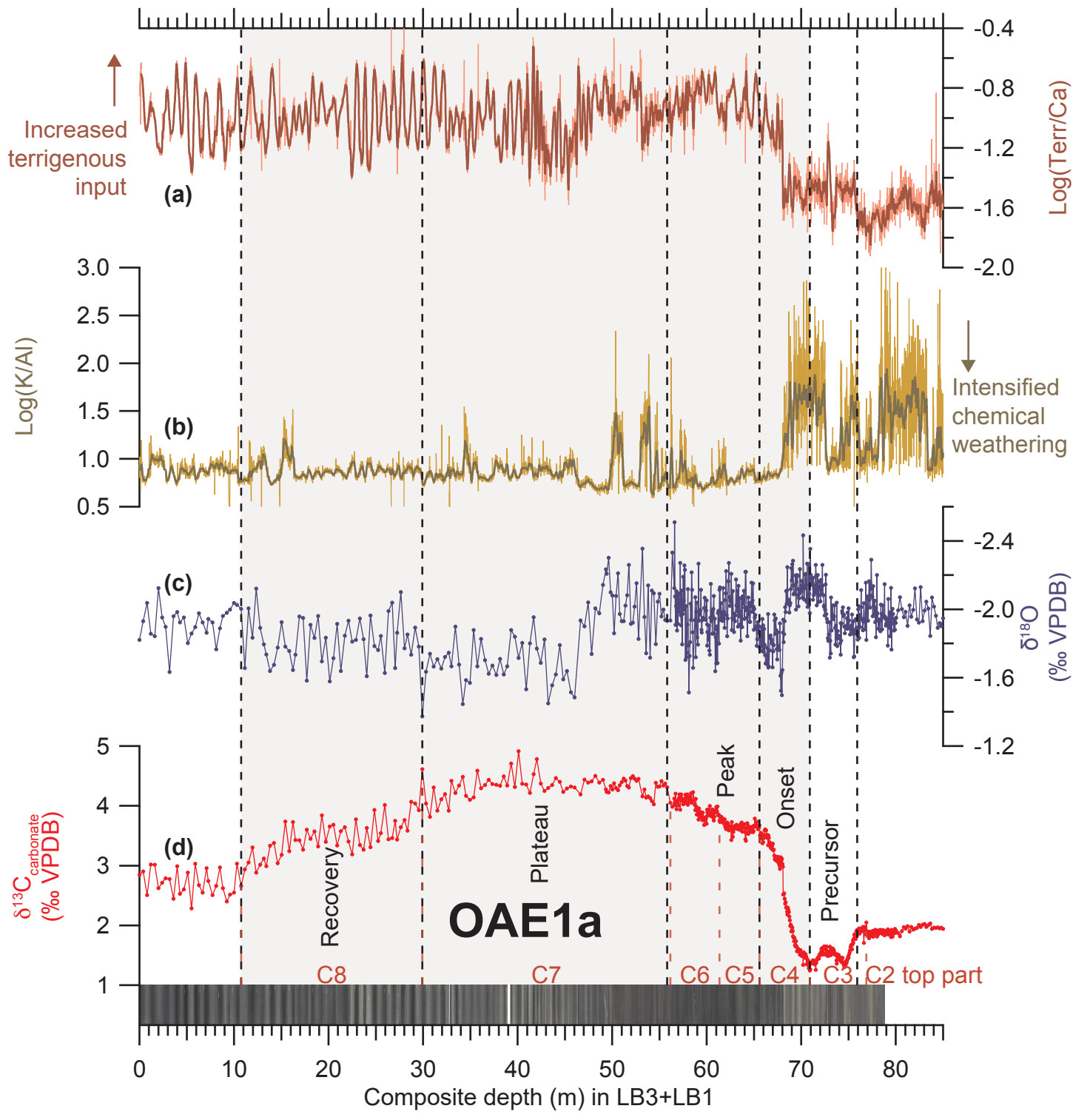

Increased terrigenous input
(a)
Log(Terr/Ca)
-0.4
-0.8
-1.2
-1.6
-2.0
Log(K/Al)
3.0
2.5
2.0
1.5
1.0
0.5
(b)
Intensified chemical weathering
(c)
δ18O (‰ VPDB)
-2.4
-2.0
-1.6
-1.2
δ13Ccarbonate (‰ VPDB)
(d)
5
4
3
2
1
Recovery
Plateau
Peak
Onset
Precursor
OAE1a
C8
C7
C6
C5
C4
C3
C2 top part
0
10
20
30
40
50
60
70
80
Composite depth (m) in LB3+LB1