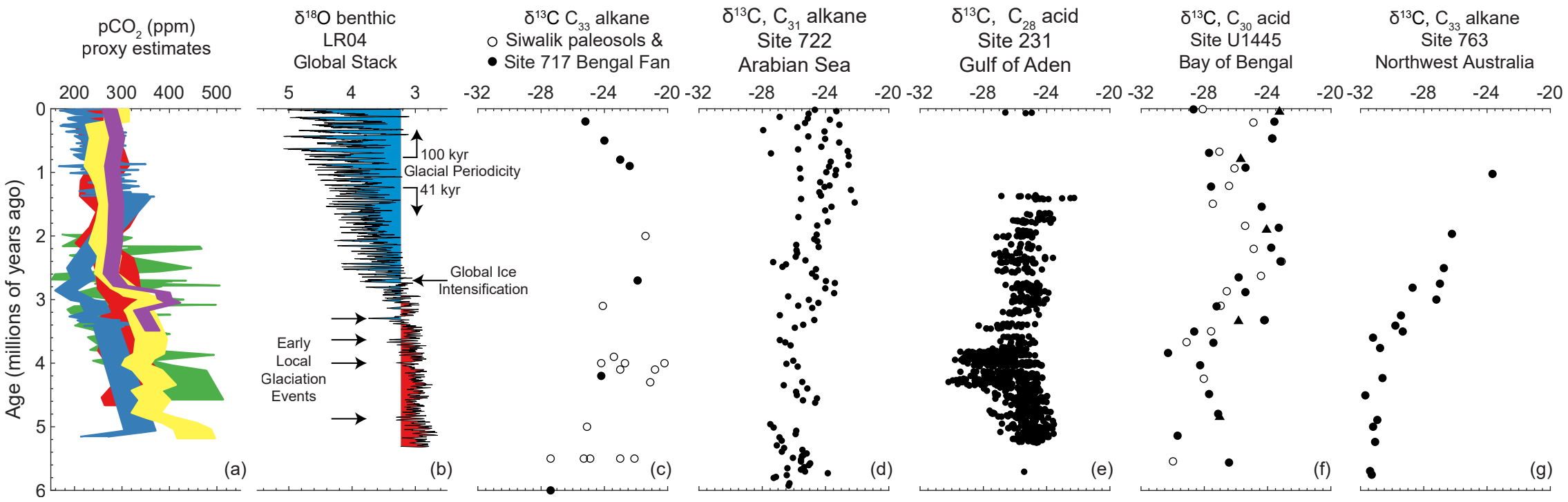
pCO2 (ppm)
proxy estimates
200
300
400
500
δ18O benthic
LR04
Global Stack
5
4
3
100 kyr
Glacial Periodicity
41 kyr
Global Ice
Intensification
Early
Local
Glaciation
Events
δ13C C33 alkane
Siwalik paleosols &
Site 717 Bengal Fan
-32
-28
-24
-20
δ13C, C31 alkane
Site 722
Arabian Sea
δ13C, C28 acid
Site 231
Gulf of Aden
δ13C, C30 acid
Site U1445
Bay of Bengal
δ13C, C33 alkane
Site 763
Northwest Australia
Age (millions of years ago)
0
1
2
3
4
5
6
(a)
(b)
(c)
(d)
(e)
(f)
(g)