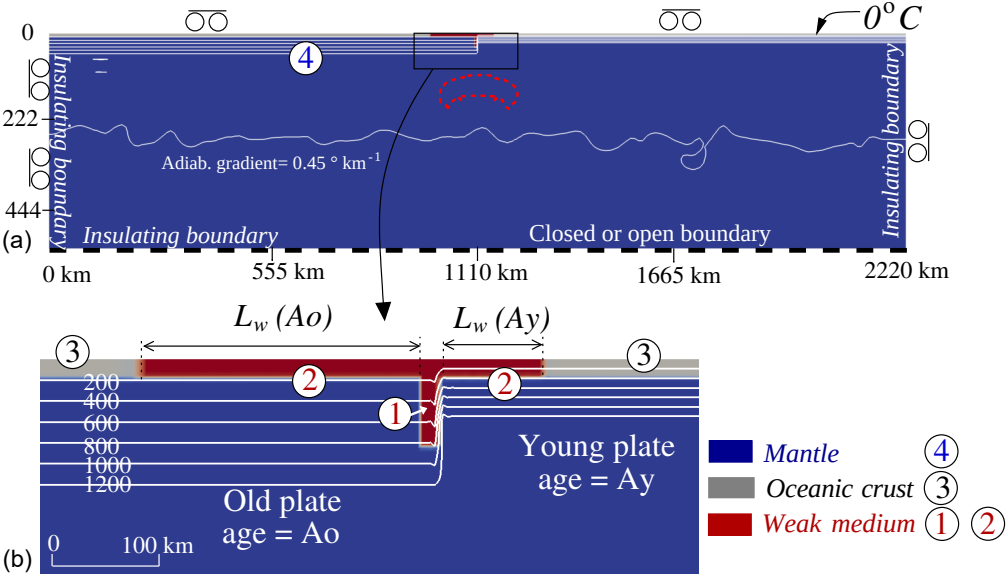
0
222
444
(a)
0°C
4
Insulating boundary
Insulating boundary
Insulating boundary
Adiab. gradient= 0.45 ° km-1
Closed or open boundary
0 km
555 km
1110 km
1665 km
2220 km
Lw (Ao)
Lw (Ay)
3
3
2
2
1
200
400
600
800
1000
1200
Young plate
age = Ay
Old plate
age = Ao
0
100 km
(b)
Mantle 4
Oceanic crust 3
Weak medium 1 2