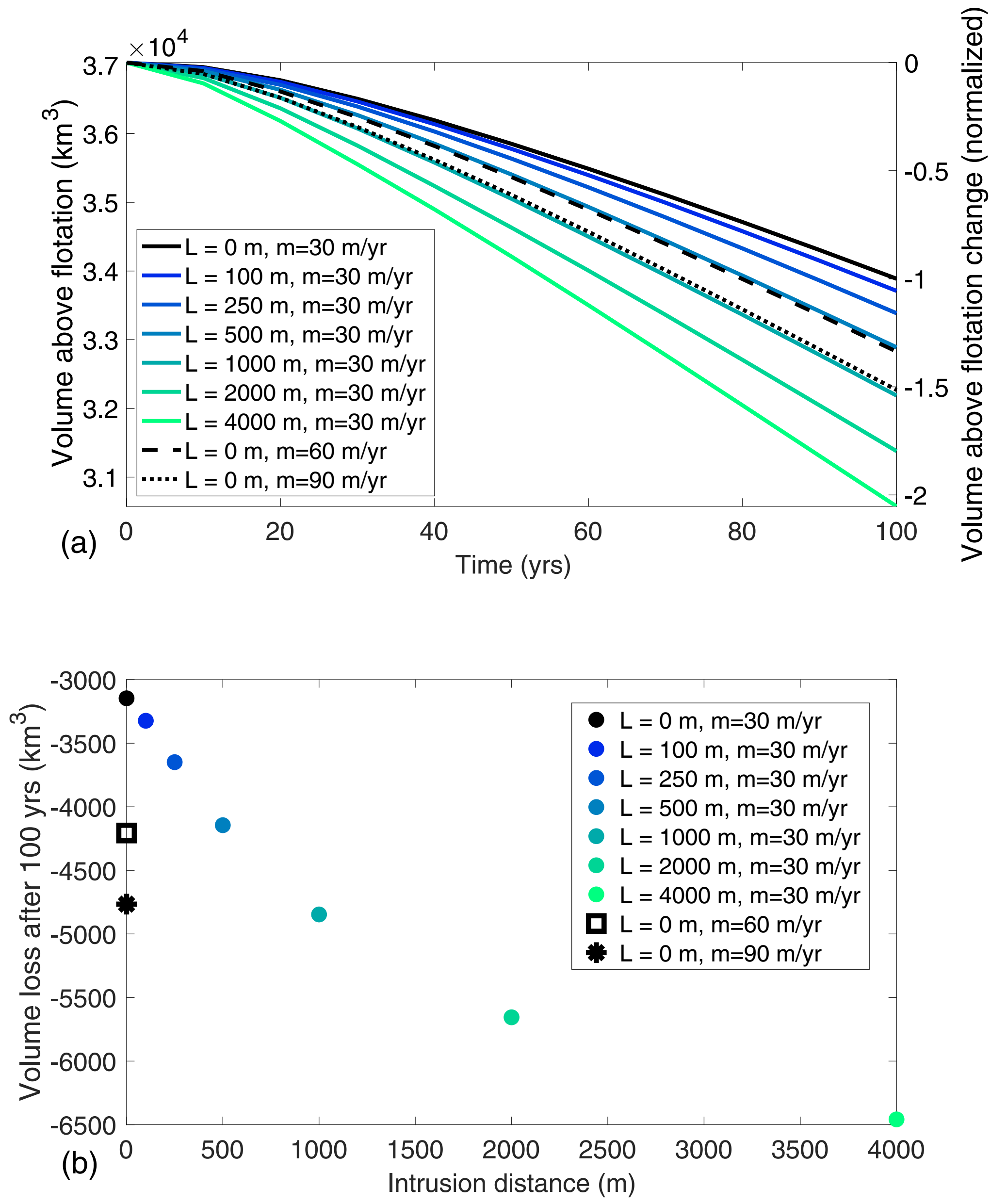
×10^4
3.7
3.6
3.5
3.4
3.3
3.2
3.1
Volume above flotation (km^3)
0
-0.5
-1
-1.5
-2
Volume above flotation change (normalized)
L = 0 m, m=30 m/yr
L = 100 m, m=30 m/yr
L = 250 m, m=30 m/yr
L = 500 m, m=30 m/yr
L = 1000 m, m=30 m/yr
L = 2000 m, m=30 m/yr
L = 4000 m, m=30 m/yr
L = 0 m, m=60 m/yr
L = 0 m, m=90 m/yr
(a)
0
20
40
60
80
100
Time (yrs)
-3000
-3500
-4000
-4500
-5000
-5500
-6000
-6500
Volume loss after 100 yrs (km^3)
L = 0 m, m=30 m/yr
L = 100 m, m=30 m/yr
L = 250 m, m=30 m/yr
L = 500 m, m=30 m/yr
L = 1000 m, m=30 m/yr
L = 2000 m, m=30 m/yr
L = 4000 m, m=30 m/yr
L = 0 m, m=60 m/yr
L = 0 m, m=90 m/yr
(b)
0
500
1000
1500
2000
2500
3000
3500
4000
Intrusion distance (m)