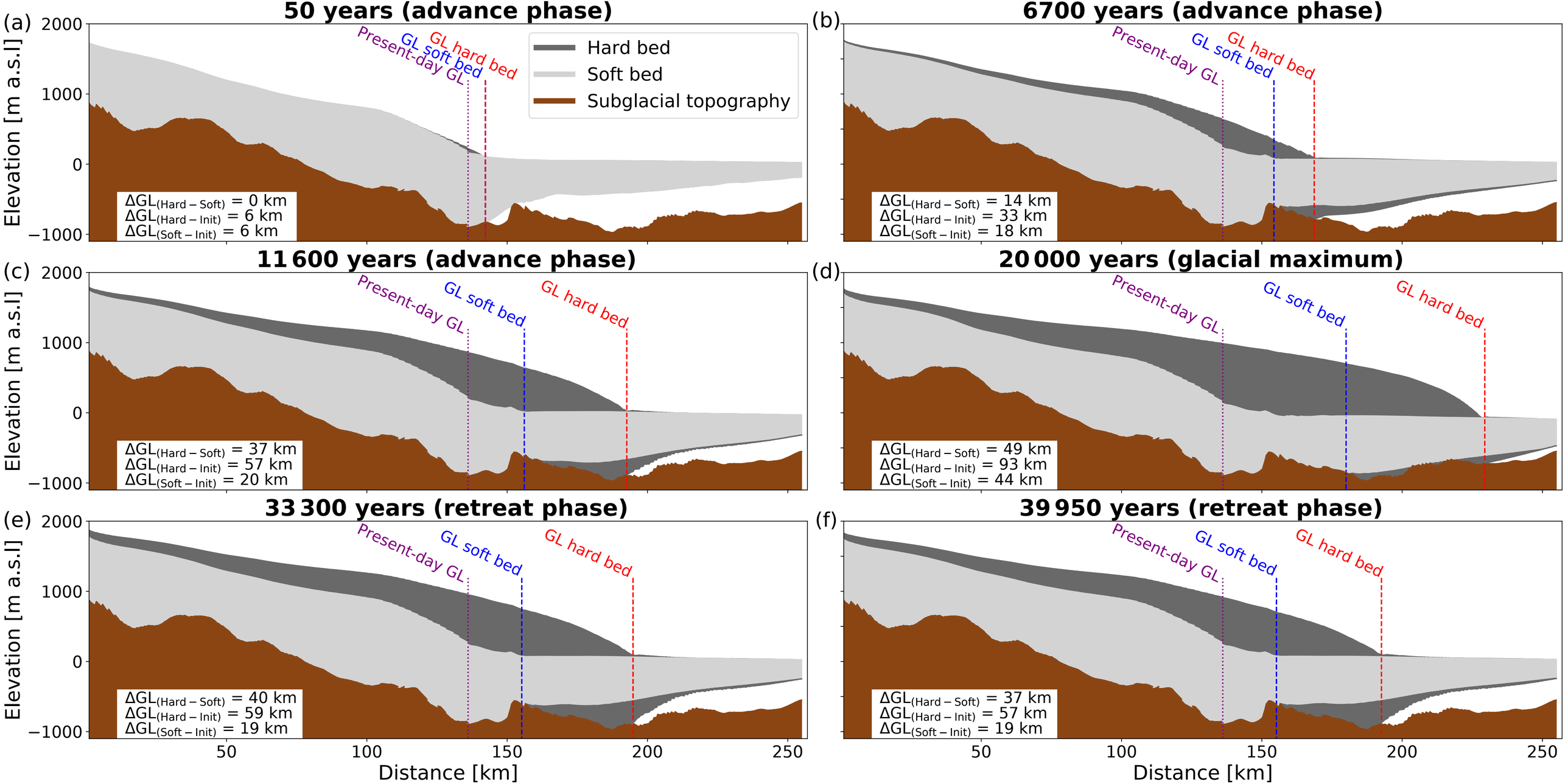
(a)
50 years (advance phase)
Present-day GL
GL soft bed
GL hard bed
Hard bed
Soft bed
Subglacial topography
ΔGL(Hard – Soft) = 0 km
ΔGL(Hard – Init) = 6 km
ΔGL(Soft – Init) = 6 km
(b)
6700 years (advance phase)
ΔGL(Hard – Soft) = 14 km
ΔGL(Hard – Init) = 33 km
ΔGL(Soft – Init) = 18 km
(c)
11 600 years (advance phase)
ΔGL(Hard – Soft) = 37 km
ΔGL(Hard – Init) = 57 km
ΔGL(Soft – Init) = 20 km
(d)
20 000 years (glacial maximum)
ΔGL(Hard – Soft) = 49 km
ΔGL(Hard – Init) = 93 km
ΔGL(Soft – Init) = 44 km
(e)
33 300 years (retreat phase)
ΔGL(Hard – Soft) = 40 km
ΔGL(Hard – Init) = 59 km
ΔGL(Soft – Init) = 19 km
(f)
39 950 years (retreat phase)
ΔGL(Hard – Soft) = 37 km
ΔGL(Hard – Init) = 57 km
ΔGL(Soft – Init) = 19 km
Elevation [m a.s.l]
2000
1000
0
−1000
Distance [km]
50
100
150
200
250