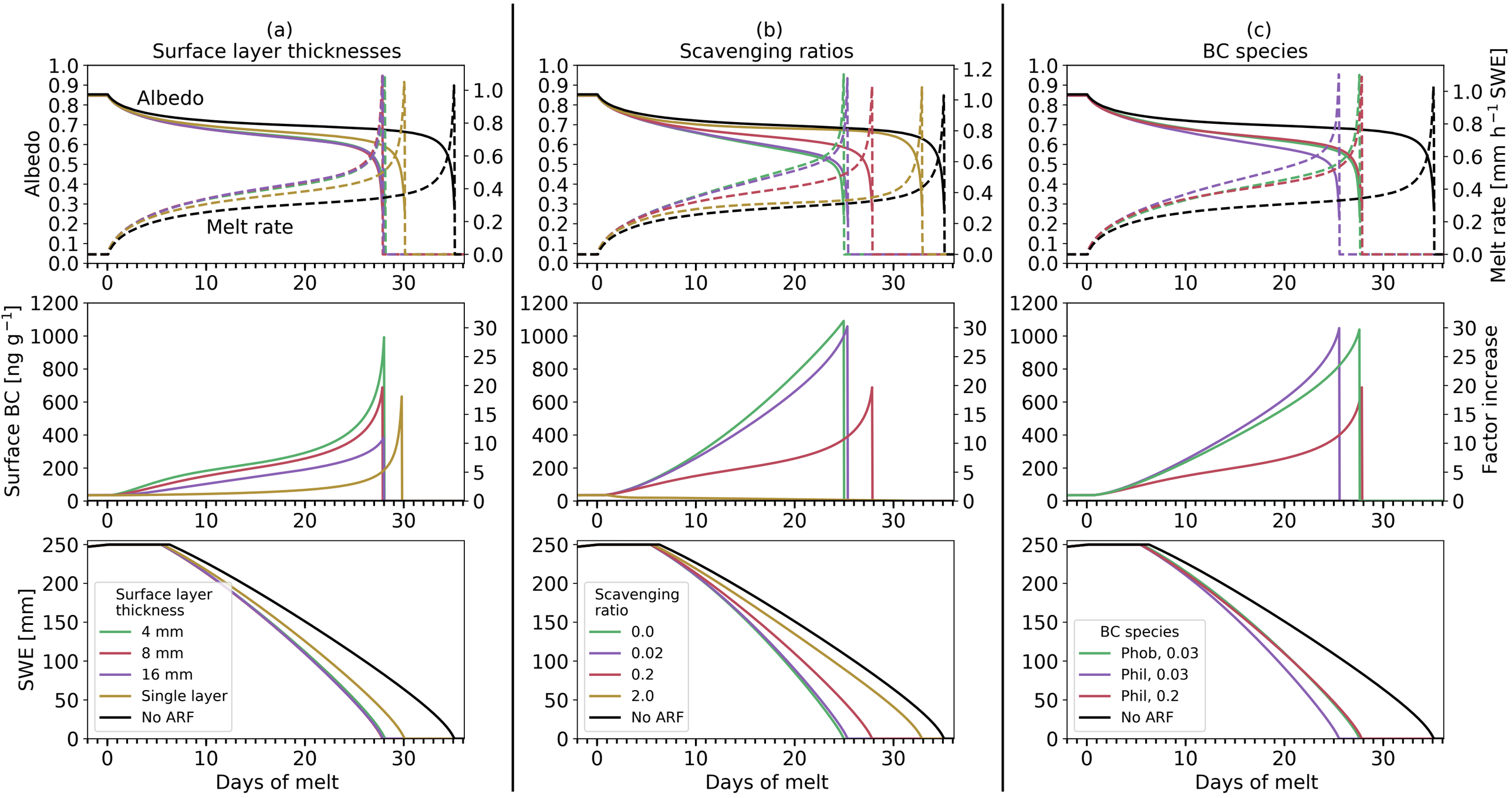
(a)
Surface layer thicknesses
(b)
Scavenging ratios
(c)
BC species
Albedo
Melt rate
Albedo
Melt rate [mm h^{-1} SWE]
Surface BC [ng g^{-1}]
Factor increase
SWE [mm]
Days of melt
Surface layer thickness
4 mm
8 mm
16 mm
Single layer
No ARF
Scavenging ratio
0.0
0.02
0.2
2.0
No ARF
BC species
Phob, 0.03
Phil, 0.03
Phil, 0.2
No ARF