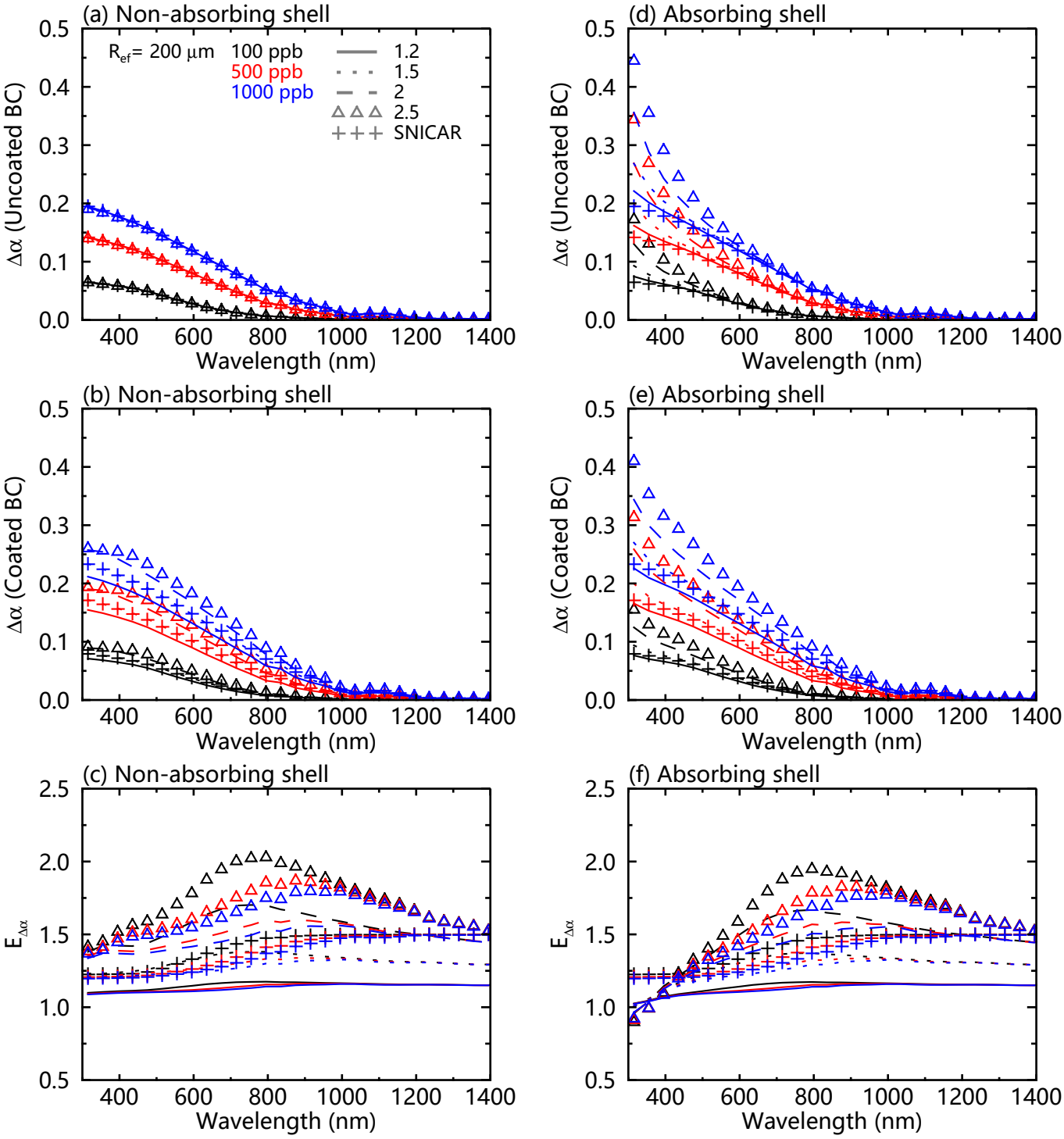
(a) Non-absorbing shell
(b) Non-absorbing shell
(c) Non-absorbing shell
(d) Absorbing shell
(e) Absorbing shell
(f) Absorbing shell
R_{ef}= 200 μm
100 ppb
500 ppb
1000 ppb
1.2
1.5
2
2.5
SNICAR
Δα (Uncoated BC)
Δα (Coated BC)
$E_{\Delta\alpha}$
Wavelength (nm)
0.0
0.1
0.2
0.3
0.4
0.5
1.0
1.5
2.0
2.5
400
600
800
1000
1200
1400