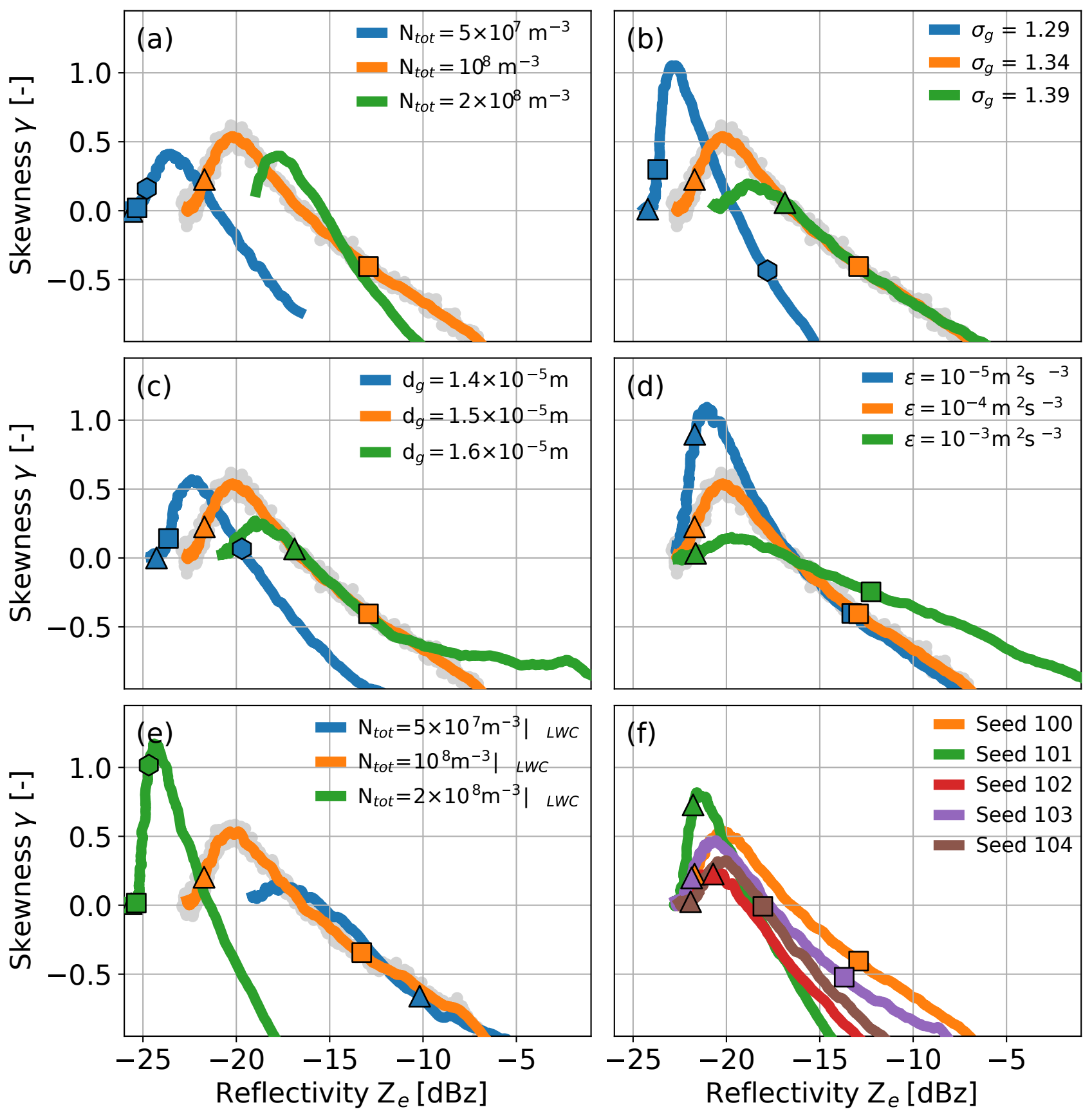
(a)
$N_{tot} = 5\times10^{7}$ m^{-3}
$N_{tot} = 10^{8}$ m^{-3}
$N_{tot} = 2\times10^{8}$ m^{-3}
(b)
σ_g = 1.29
σ_g = 1.34
σ_g = 1.39
(c)
$d_g = 1.4\times10^{-5}$m
$d_g = 1.5\times10^{-5}$m
$d_g = 1.6\times10^{-5}$m
(d)
$\varepsilon = 10^{-5}$m^{2}s^{-3}
$\varepsilon = 10^{-4}$m^{2}s^{-3}
$\varepsilon = 10^{-3}$m^{2}s^{-3}
(e)
$N_{tot}=5\times10^{7}$m^{-3}| $_{LWC}$
$N_{tot}=10^{8}$m^{-3}| $_{LWC}$
$N_{tot}=2\times10^{8}$m^{-3}| $_{LWC}$
(f)
Seed 100
Seed 101
Seed 102
Seed 103
Seed 104
Skewness γ [-]
1.0
0.5
0.0
−0.5
−25
−20
−15
−10
−5
Reflectivity Z_e [dBz]