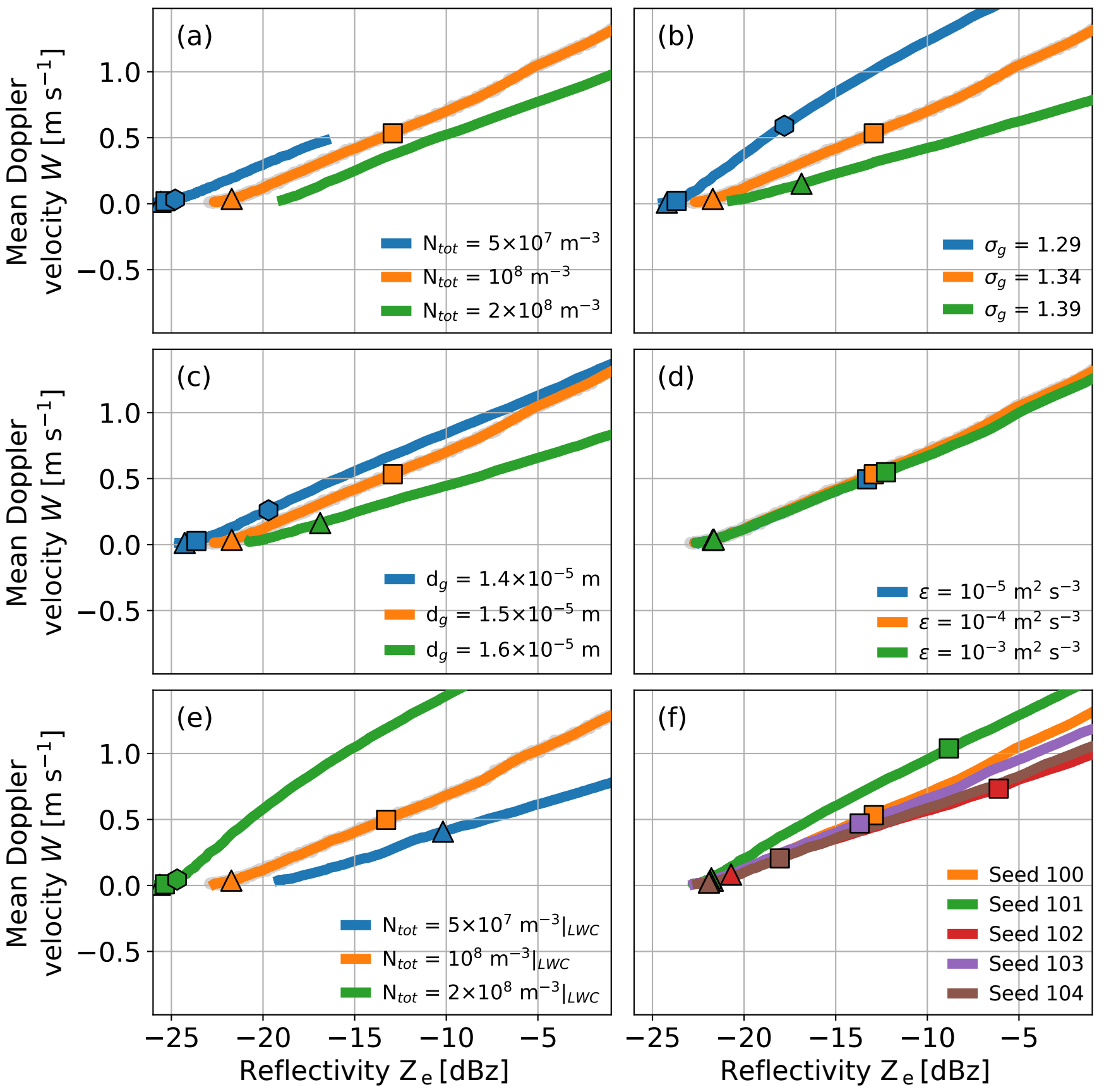
(a)
(b)
(c)
(d)
(e)
(f)
Mean Doppler velocity W [m s^{-1}]
Reflectivity Z_e [dBz]
1.0
0.5
0.0
−0.5
−25
−20
−15
−10
−5
N_{tot} = 5×10^7 m^{-3}
N_{tot} = 10^8 m^{-3}
N_{tot} = 2×10^8 m^{-3}
σ_g = 1.29
σ_g = 1.34
σ_g = 1.39
d_g = 1.4×10^{-5} m
d_g = 1.5×10^{-5} m
d_g = 1.6×10^{-5} m
ε = 10^{-5} m^2 s^{-3}
ε = 10^{-4} m^2 s^{-3}
ε = 10^{-3} m^2 s^{-3}
N_{tot} = 5×10^7 m$^{-3}|_{LWC}$
N_{tot} = 10^8 m$^{-3}|_{LWC}$
N_{tot} = 2×10^8 m$^{-3}|_{LWC}$
Seed 100
Seed 101
Seed 102
Seed 103
Seed 104