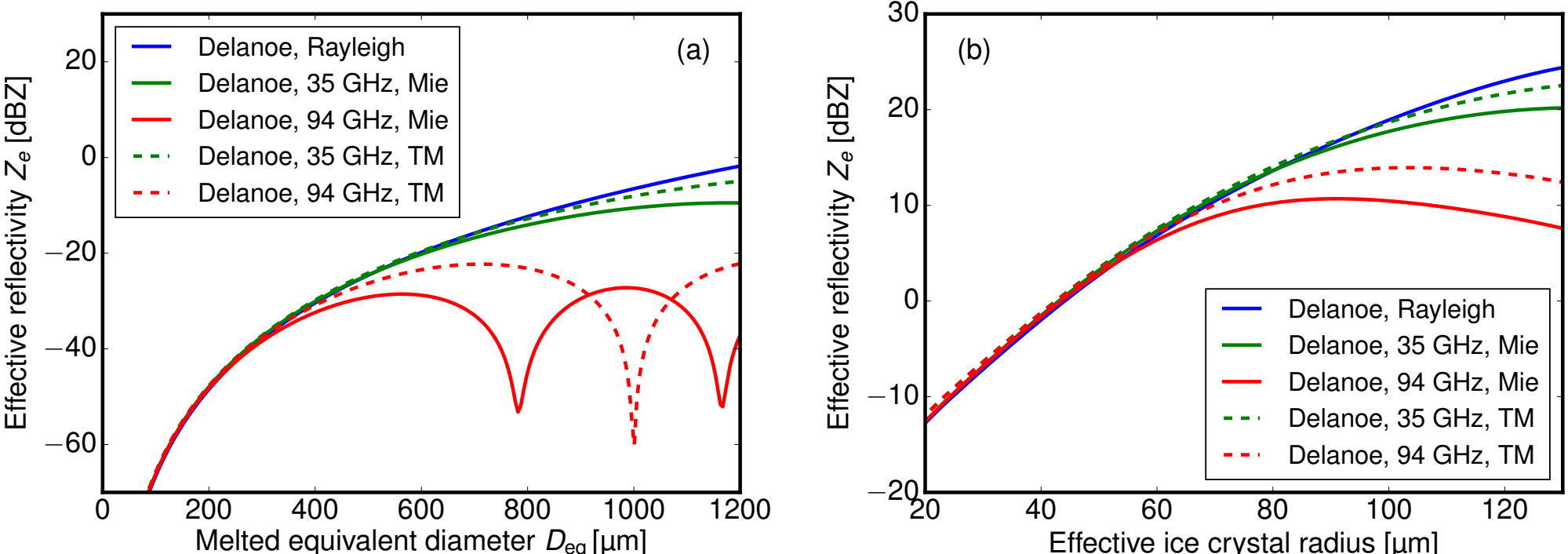
(a)
Delanoe, Rayleigh
Delanoe, 35 GHz, Mie
Delanoe, 94 GHz, Mie
Delanoe, 35 GHz, TM
Delanoe, 94 GHz, TM
Effective reflectivity Z_e [dBZ]
Melted equivalent diameter D_{eq} [µm]
20
0
−20
−40
−60
0
200
400
600
800
1000
1200
(b)
Delanoe, Rayleigh
Delanoe, 35 GHz, Mie
Delanoe, 94 GHz, Mie
Delanoe, 35 GHz, TM
Delanoe, 94 GHz, TM
Effective reflectivity Z_e [dBZ]
Effective ice crystal radius [µm]
30
20
10
0
−10
−20
20
40
60
80
100
120