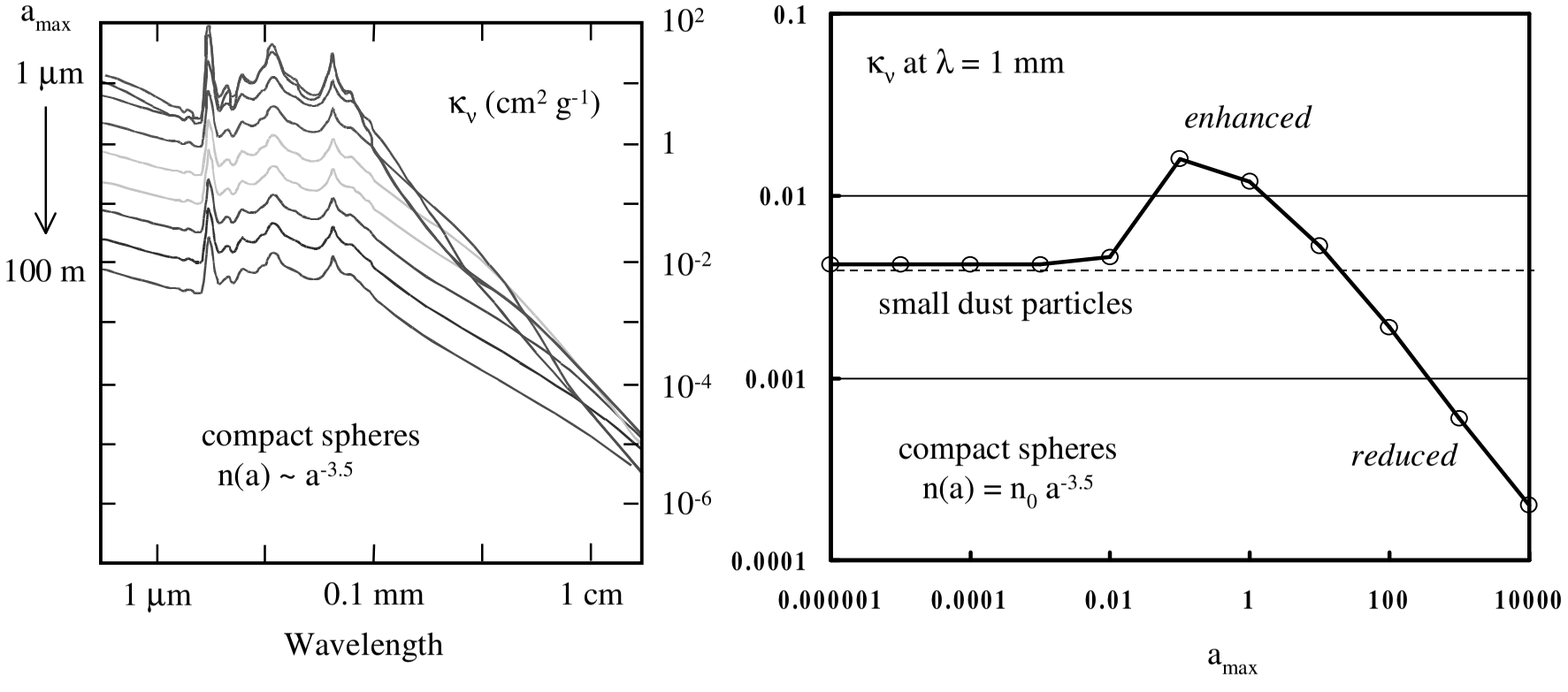
a_max
1 μm
100 m
κν (cm² g⁻¹)
10²
1
10⁻²
10⁻⁴
10⁻⁶
compact spheres
n(a) ~ a^-3.5
1 μm
0.1 mm
1 cm
Wavelength
κν at λ = 1 mm
enhanced
small dust particles
reduced
compact spheres
n(a) = n0 a^-3.5
0.1
0.01
0.001
0.0001
0.000001
0.0001
0.01
1
100
10000
a_max