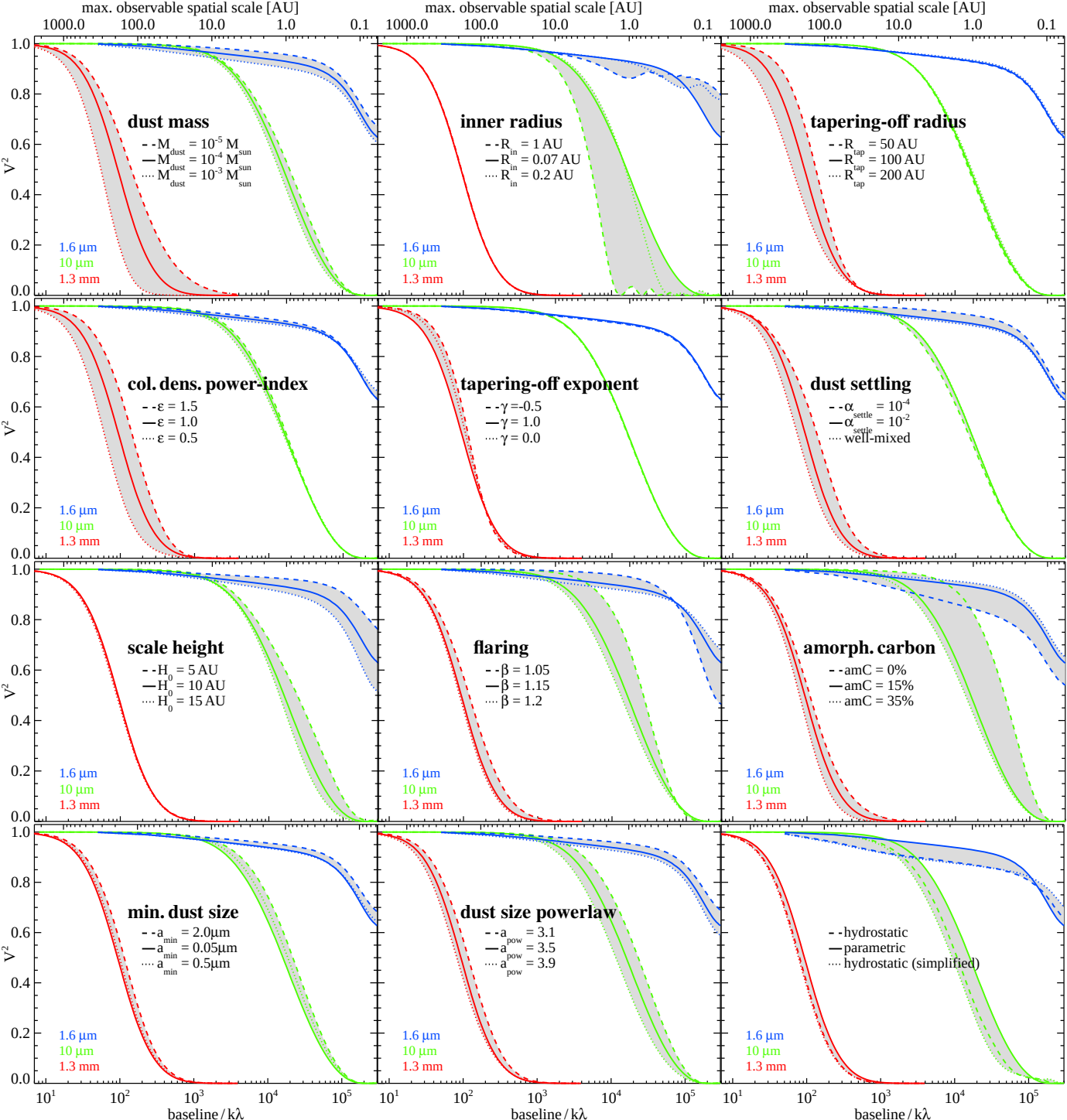
max. observable spatial scale [AU]
1000.0
100.0
10.0
1.0
0.1
V²
baseline / kλ
dust mass
M_dust = 10^-5 M_sun
M_dust = 10^-4 M_sun
M_dust = 10^-3 M_sun
inner radius
R_in = 1 AU
R_in = 0.07 AU
R_in = 0.2 AU
tapering-off radius
R_tap = 50 AU
R_tap = 100 AU
R_tap = 200 AU
col. dens. power-index
ε = 1.5
ε = 1.0
ε = 0.5
tapering-off exponent
γ = -0.5
γ = 1.0
γ = 0.0
dust settling
α_settle = 10^-4
α_settle = 10^-2
well-mixed
scale height
H_0 = 5 AU
H_0 = 10 AU
H_0 = 15 AU
flaring
β = 1.05
β = 1.15
β = 1.2
amorph. carbon
amC = 0%
amC = 15%
amC = 35%
min. dust size
a_min = 2.0μm
a_min = 0.05μm
a_min = 0.5μm
dust size powerlaw
a_pow = 3.1
a_pow = 3.5
a_pow = 3.9
hydrostatic
parametric
hydrostatic (simplified)
1.6 μm
10 μm
1.3 mm