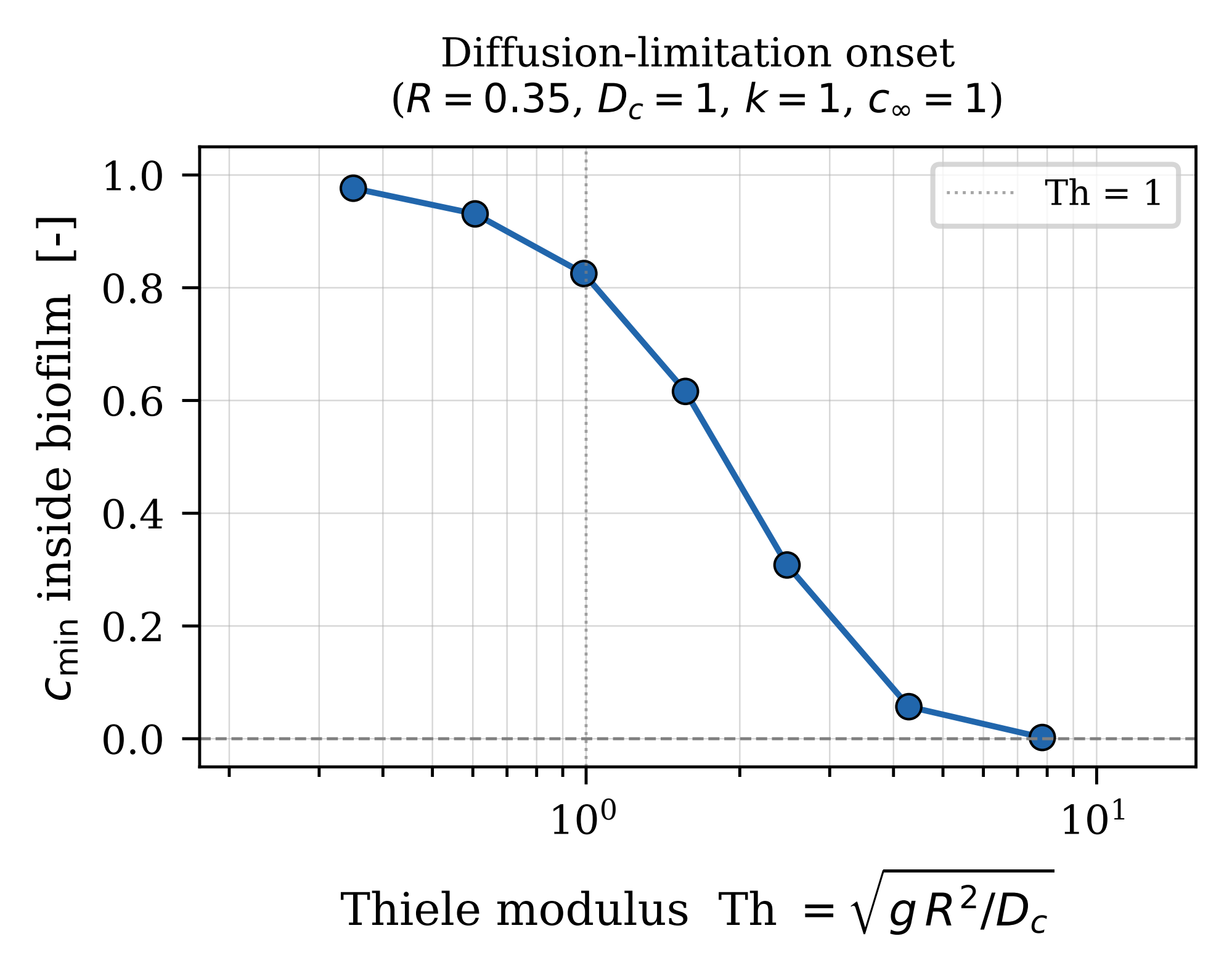
Diffusion-limitation onset
($R = 0.35$, $D_c = 1$, $k = 1$, $c_\infty = 1$)
Th = 1
1.0
0.8
0.6
0.4
0.2
0.0
c_{min} inside biofilm [-]
10^0
10^1
Thiele modulus Th $= \sqrt{g R^2 / D_c}$