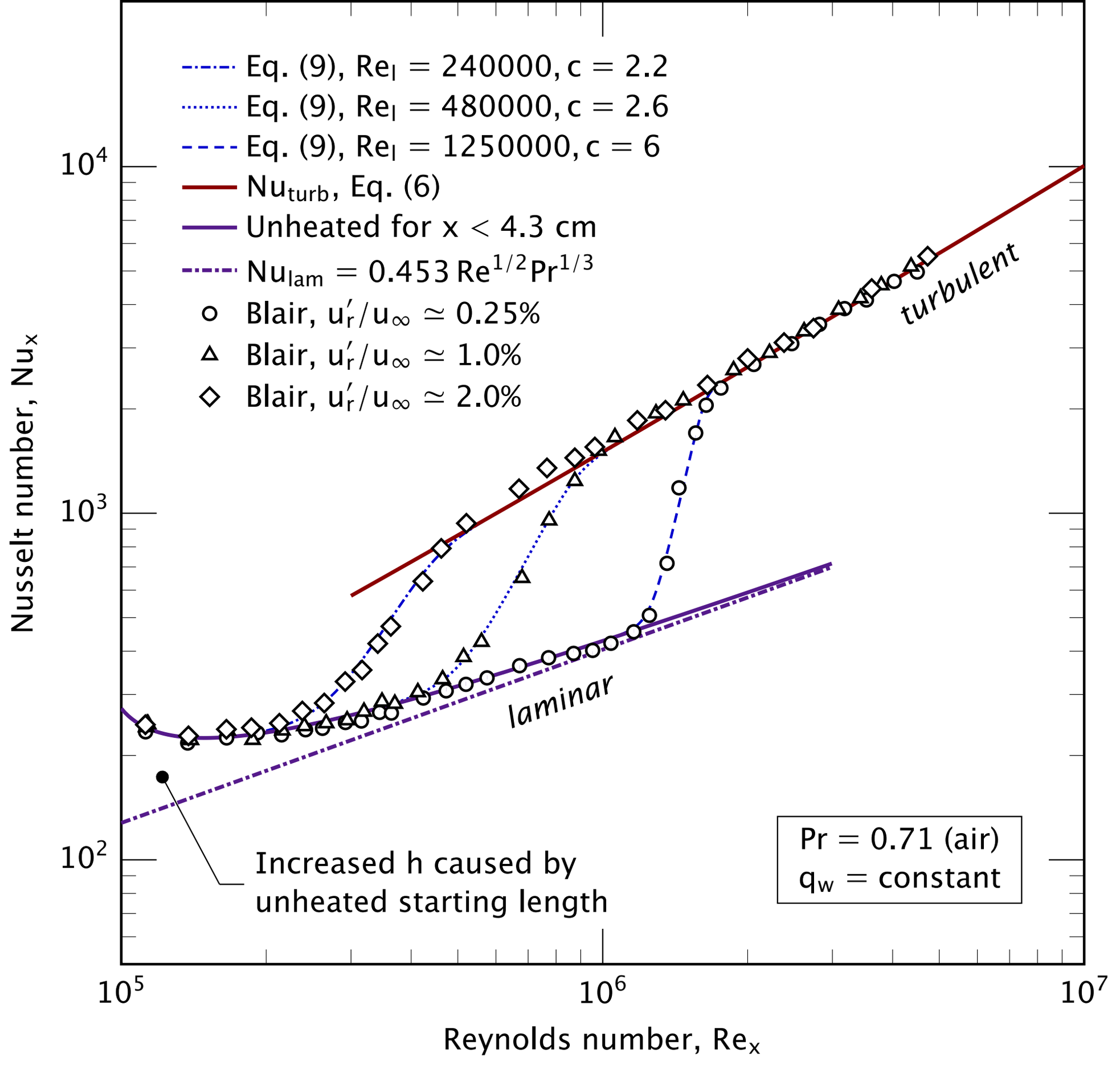
Eq. (9), $Re_l = 240000, c = 2.2$
Eq. (9), $Re_l = 480000, c = 2.6$
Eq. (9), $Re_l = 1250000, c = 6$
Nu_{turb}, Eq. (6)
Unheated for $x < 4.3$ cm
$Nu_{lam} = 0.453\,Re^{1/2}Pr^{1/3}$
Blair, $u'_r/u_\infty \simeq 0.25\%$
Blair, $u'_r/u_\infty \simeq 1.0\%$
Blair, $u'_r/u_\infty \simeq 2.0\%$
turbulent
laminar
Increased h caused by
unheated starting length
Pr = 0.71 (air)
q_w = constant
Nusselt number, Nu_x
Reynolds number, Re_x
10^2
10^3
10^4
10^5
10^6
10^7