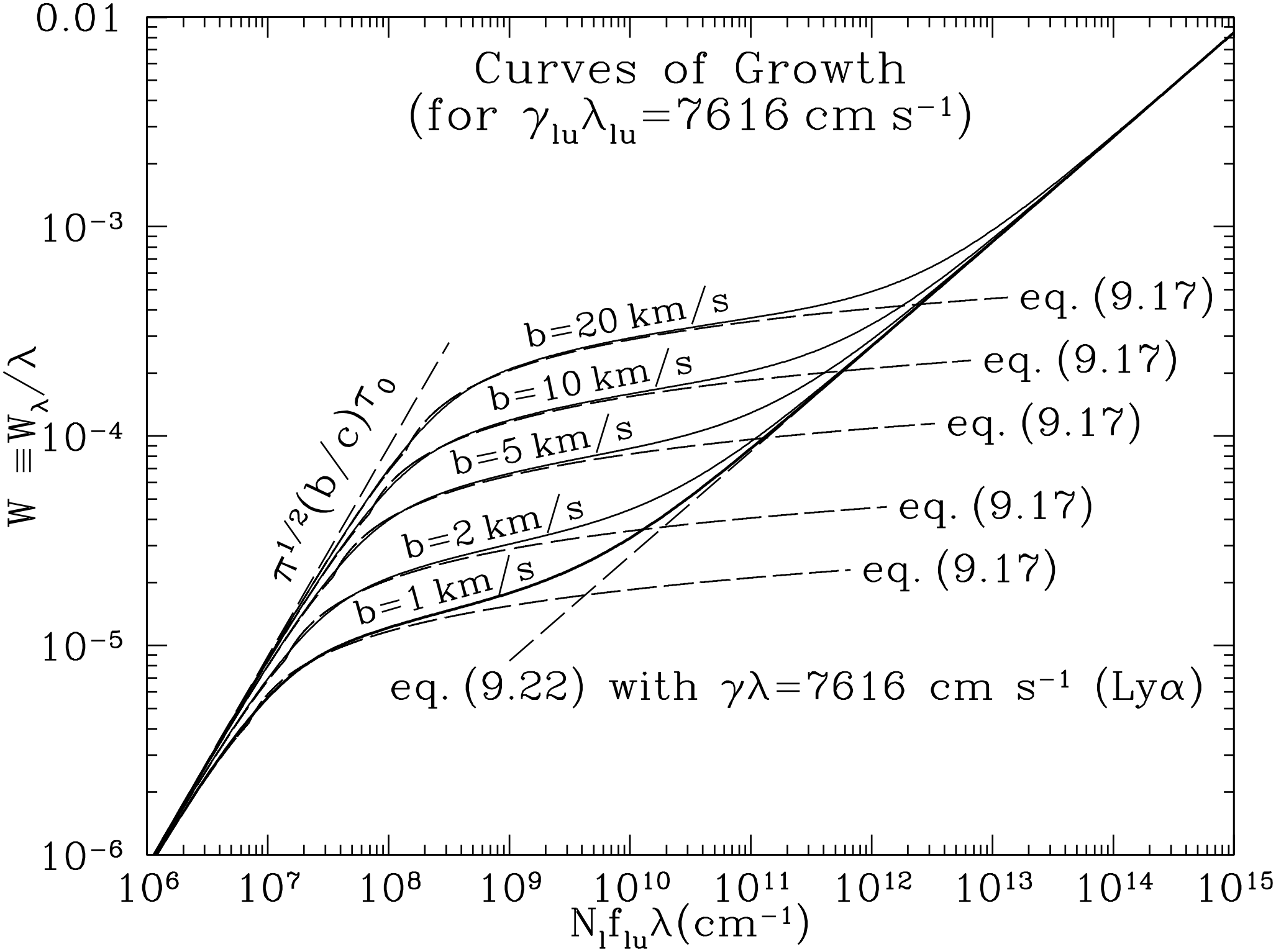
Curves of Growth
(for $\gamma_{lu}\lambda_{lu}$=7616 cm s^{-1})
b=20 km/s
b=10 km/s
b=5 km/s
b=2 km/s
b=1 km/s
eq. (9.17)
eq. (9.17)
eq. (9.17)
eq. (9.17)
eq. (9.17)
$\pi^{1/2}(b/c)\tau_0$
eq. (9.22) with $\gamma\lambda$=7616 cm s^{-1} (Lyα)
$W \equiv W_\lambda/\lambda$
$N_l f_{lu}\lambda(\mathrm{cm}^{-1})$
0.01
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{6}
10^{7}
10^{8}
10^{9}
10^{10}
10^{11}
10^{12}
10^{13}
10^{14}
10^{15}