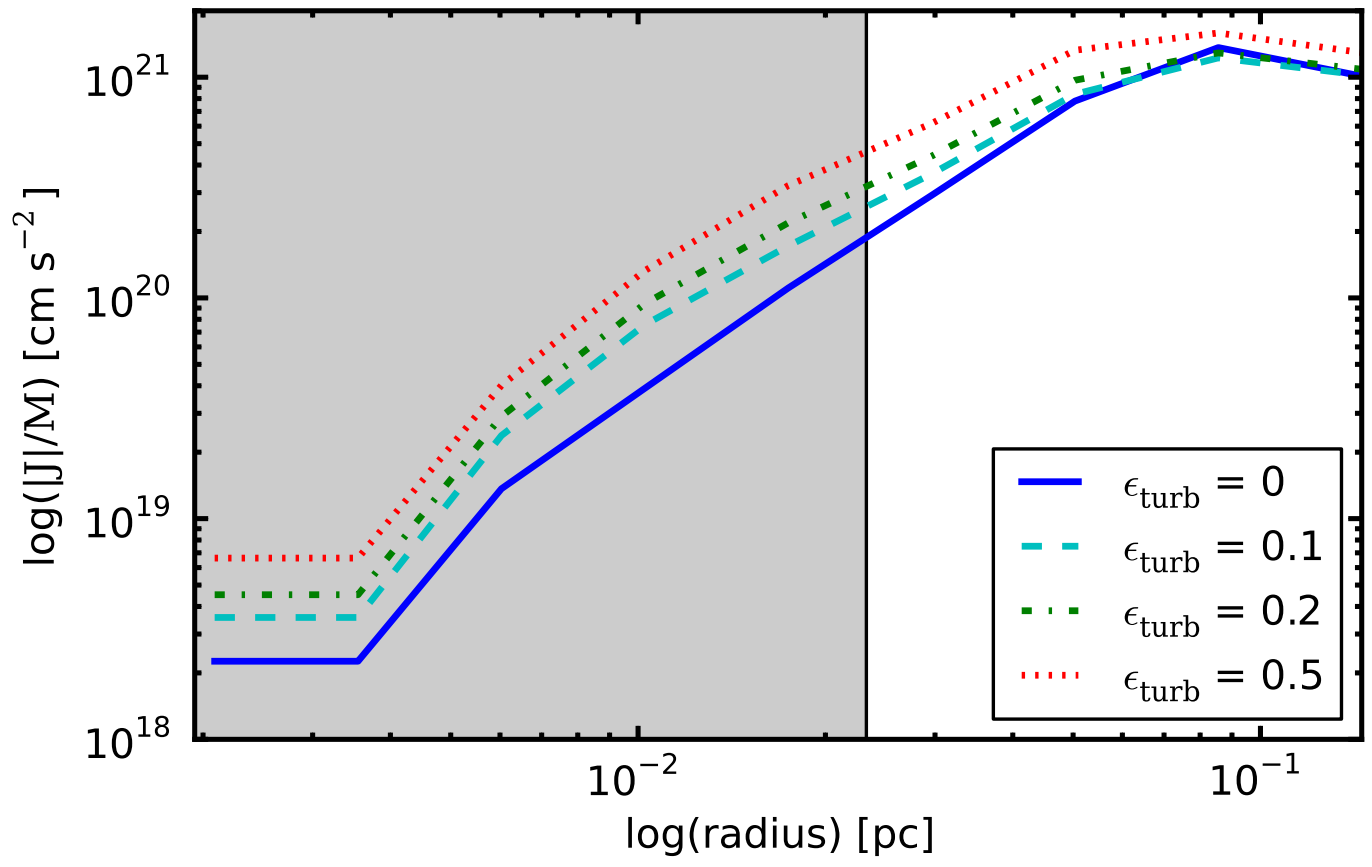
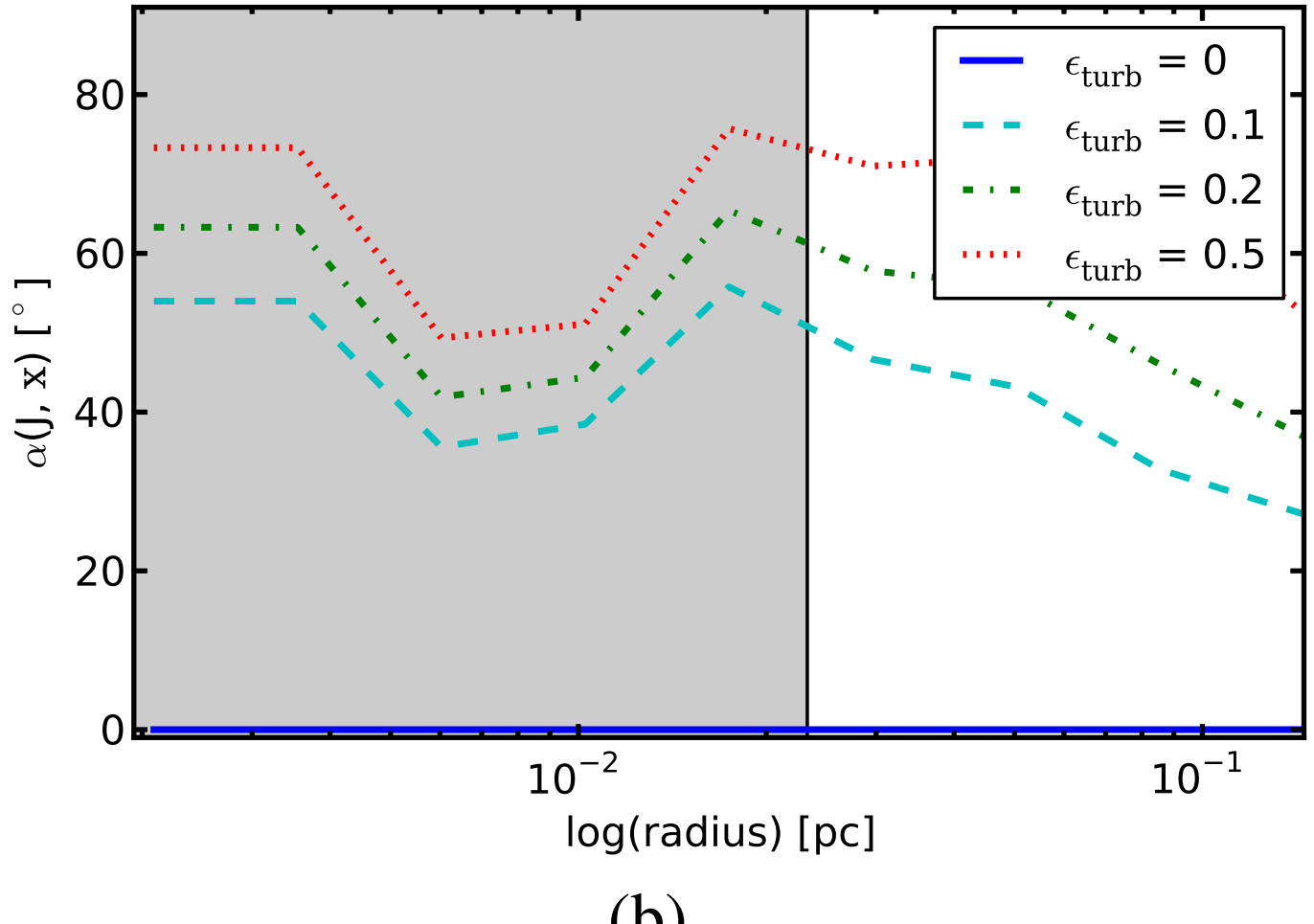

10^{21}
10^{20}
10^{19}
10^{18}
log(|J|/M) [cm s^{-2}]
10^{-2}
10^{-1}
log(radius) [pc]
$\epsilon_{\rm turb}$ = 0
$\epsilon_{\rm turb}$ = 0.1
$\epsilon_{\rm turb}$ = 0.2
$\epsilon_{\rm turb}$ = 0.5

(a)


80
60
40
20
0
α(J, x) [$^\circ$]
10^{-2}
10^{-1}
log(radius) [pc]
$\epsilon_{\rm turb}$ = 0
$\epsilon_{\rm turb}$ = 0.1
$\epsilon_{\rm turb}$ = 0.2
$\epsilon_{\rm turb}$ = 0.5

(b)