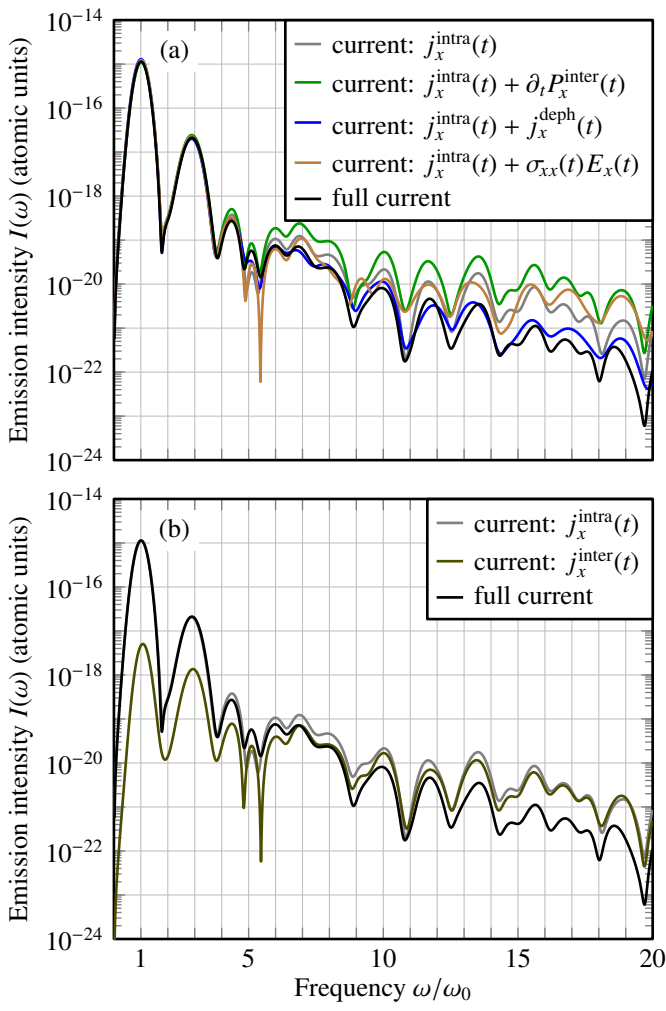
(a)
current: $j_x^{\mathrm{intra}}(t)$
current: $j_x^{\mathrm{intra}}(t) + \partial_t P_x^{\mathrm{inter}}(t)$
current: $j_x^{\mathrm{intra}}(t) + j_x^{\mathrm{deph}}(t)$
current: $j_x^{\mathrm{intra}}(t) + \sigma_{xx}(t) E_x(t)$
full current
(b)
current: $j_x^{\mathrm{intra}}(t)$
current: $j_x^{\mathrm{inter}}(t)$
full current
Emission intensity $I(\omega)$ (atomic units)
10^{-14}
10^{-16}
10^{-18}
10^{-20}
10^{-22}
10^{-24}
1
5
10
15
20
Frequency ω/ω_0