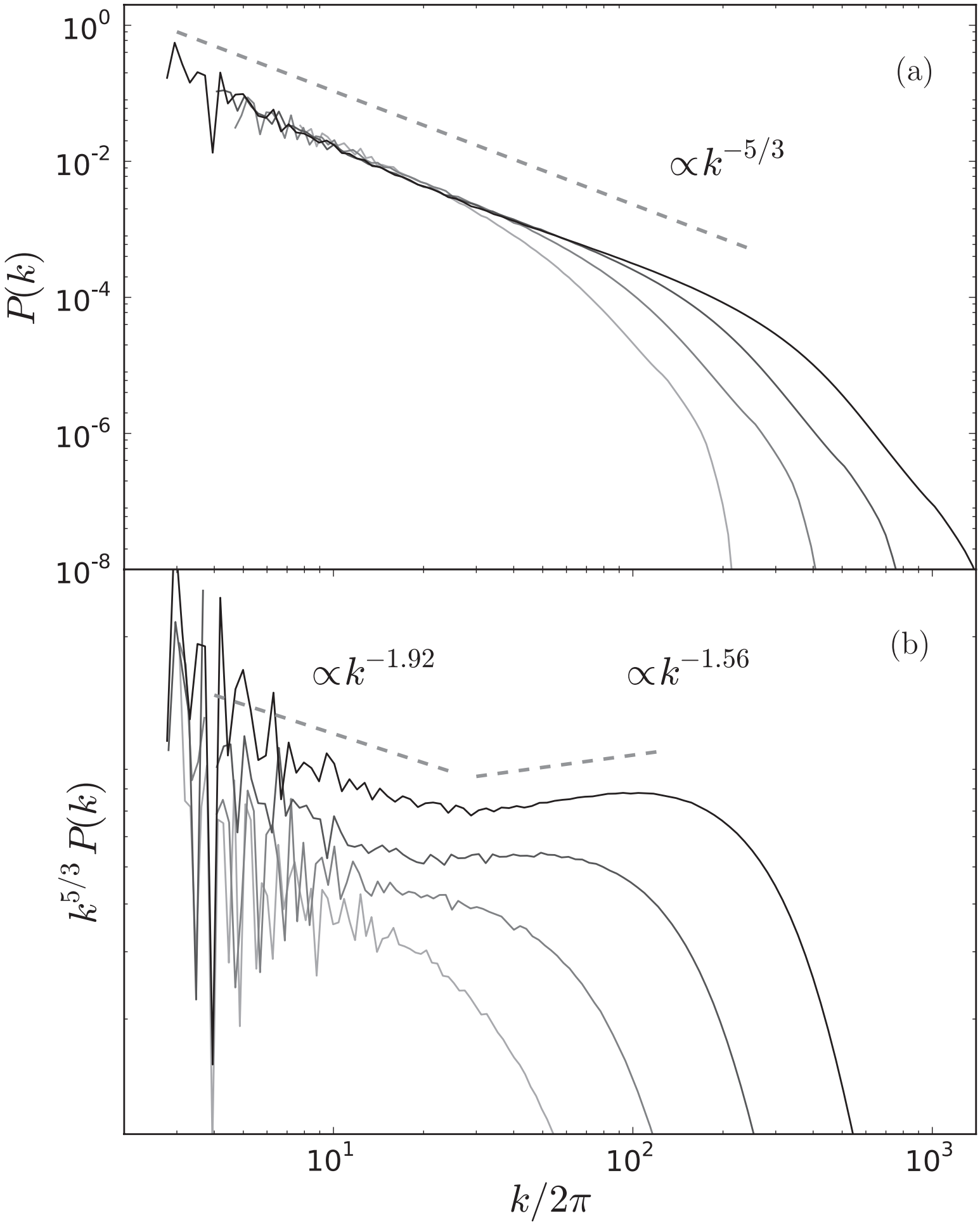
(a)
$\propto k^{-5/3}$
$P(k)$
$10^0$
$10^{-2}$
$10^{-4}$
$10^{-6}$
$10^{-8}$
(b)
$\propto k^{-1.92}$
$\propto k^{-1.56}$
$k^{5/3}\,P(k)$
$10^1$
$10^2$
$10^3$
$k/2\pi$