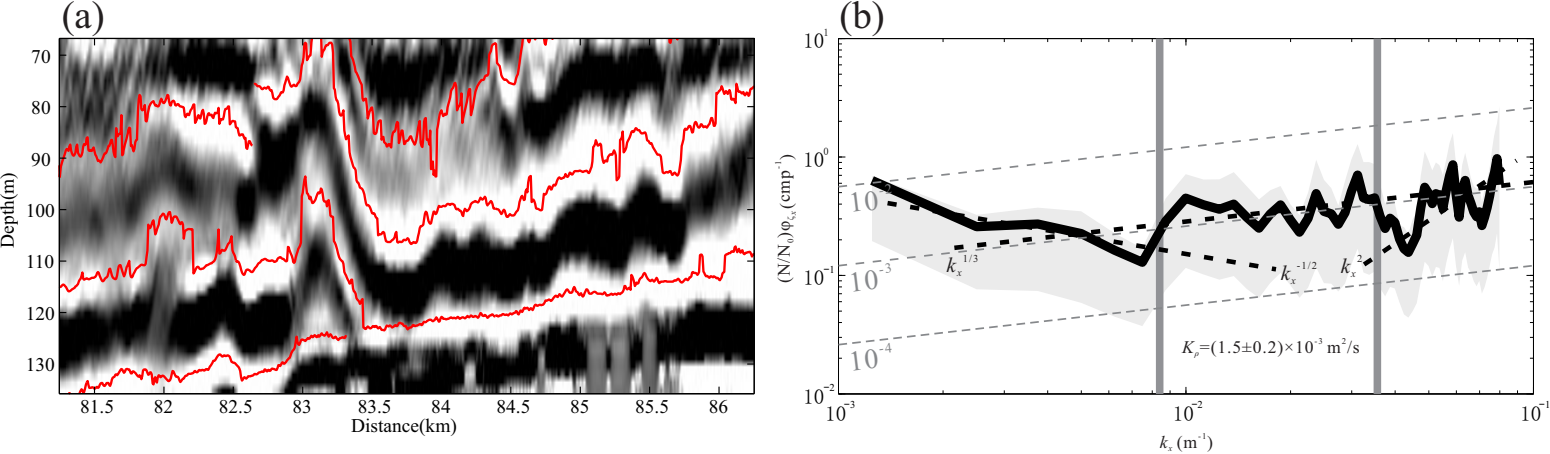
(a)
Depth(m)
70
80
90
100
110
120
130
81.5
82
82.5
83
83.5
84
84.5
85
85.5
86
Distance(km)
(b)
$(N/N_0)\varphi_{xx}$ (cmp^{-1})
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-2}
10^{-3}
10^{-4}
$k_x^{1/3}$
$k_x^{-1/2}$
k_x^{-2}
K_ρ=(1.5±0.2)×10^{-3} m^2/s
10^{-3}
10^{-2}
10^{-1}
k_x (m^{-1})