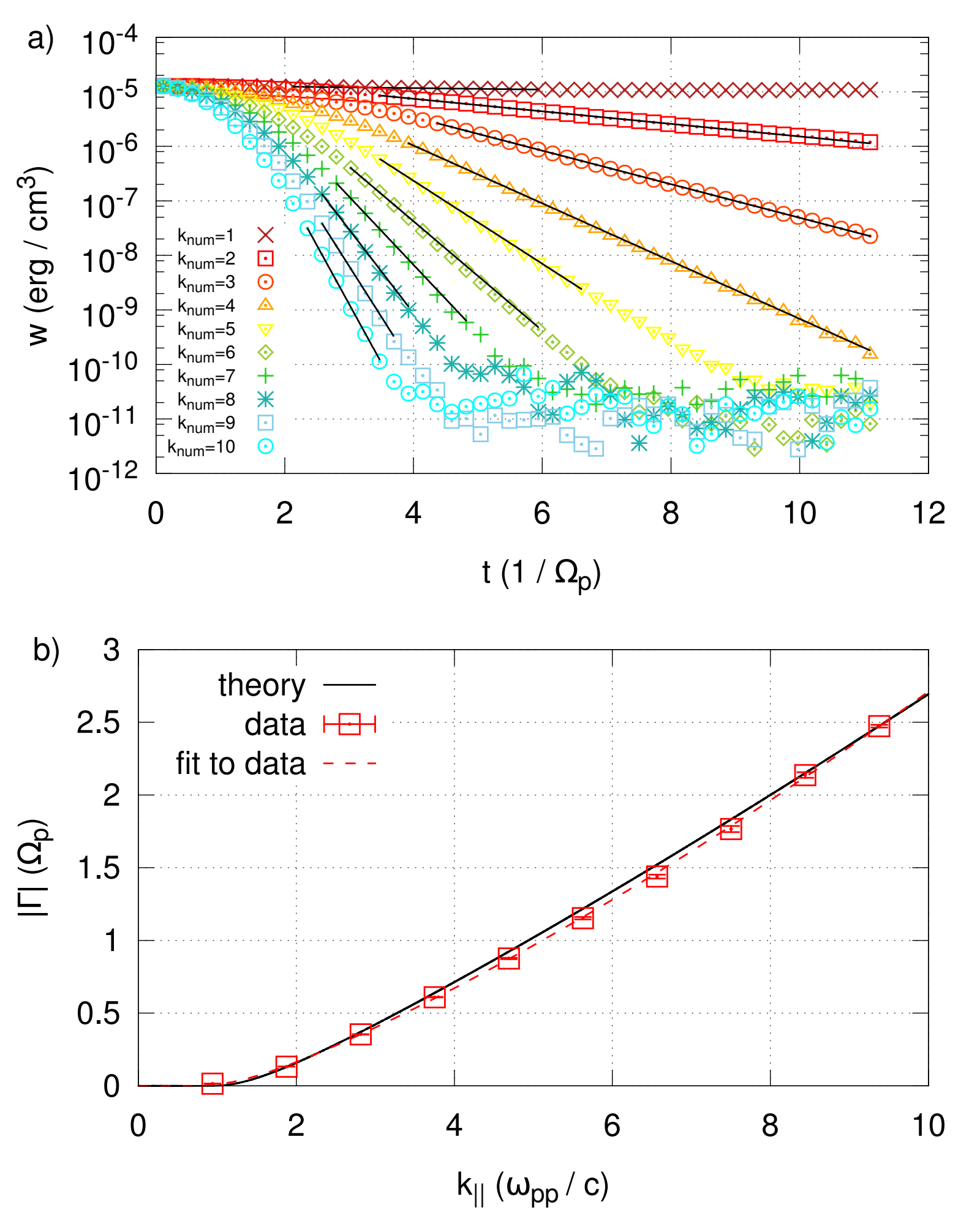

a)
w (erg / cm3)
10-4
10-5
10-6
10-7
10-8
10-9
10-10
10-11
10-12
knum=1
knum=2
knum=3
knum=4
knum=5
knum=6
knum=7
knum=8
knum=9
knum=10
0
2
4
6
8
10
12
t (1 / Ωp)
b)
|Γ| (Ωp)
theory
data
fit to data
3
2.5
2
1.5
1
0.5
0
0
2
4
6
8
10
k|| (ωpp / c)