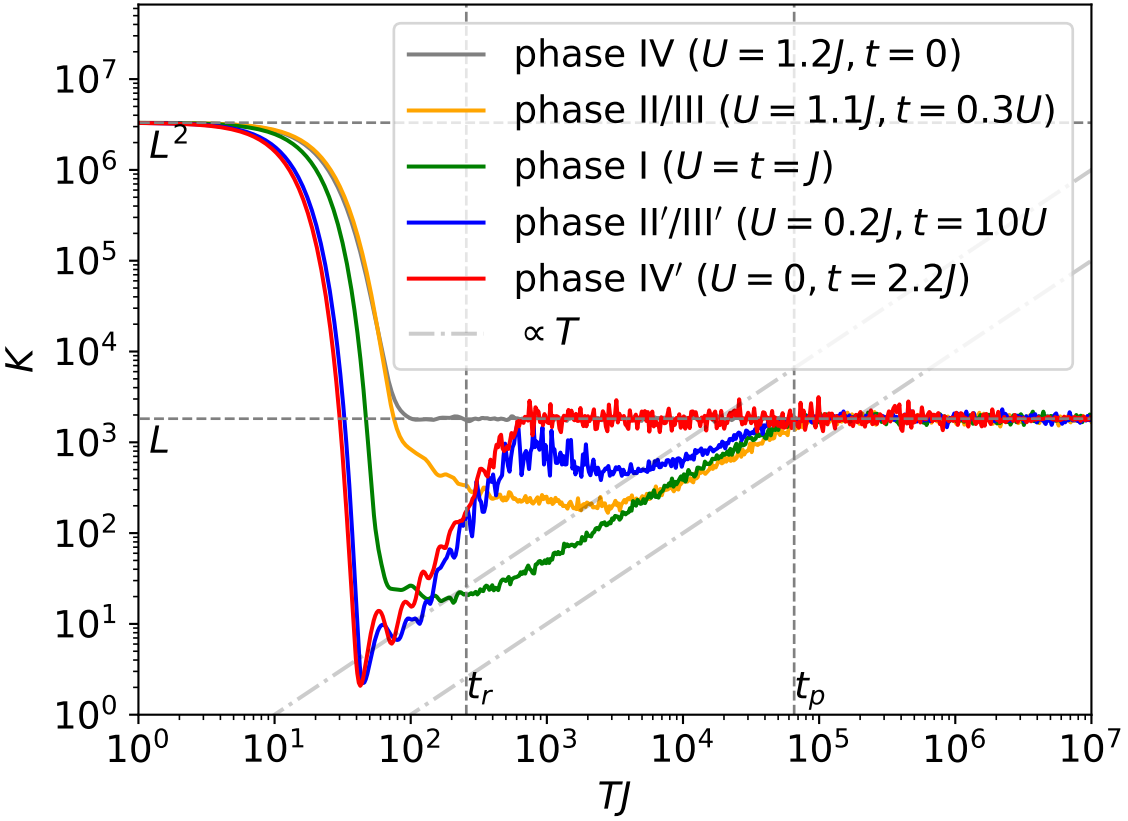
phase IV ($U = 1.2J, t = 0$)
phase II/III ($U = 1.1J, t = 0.3U$)
phase I ($U = t = J$)
phase II′/III′ ($U = 0.2J, t = 10U$
phase IV′ ($U = 0, t = 2.2J$)
$\propto T$
L^2
L
t_r
t_p
K
TJ
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7