

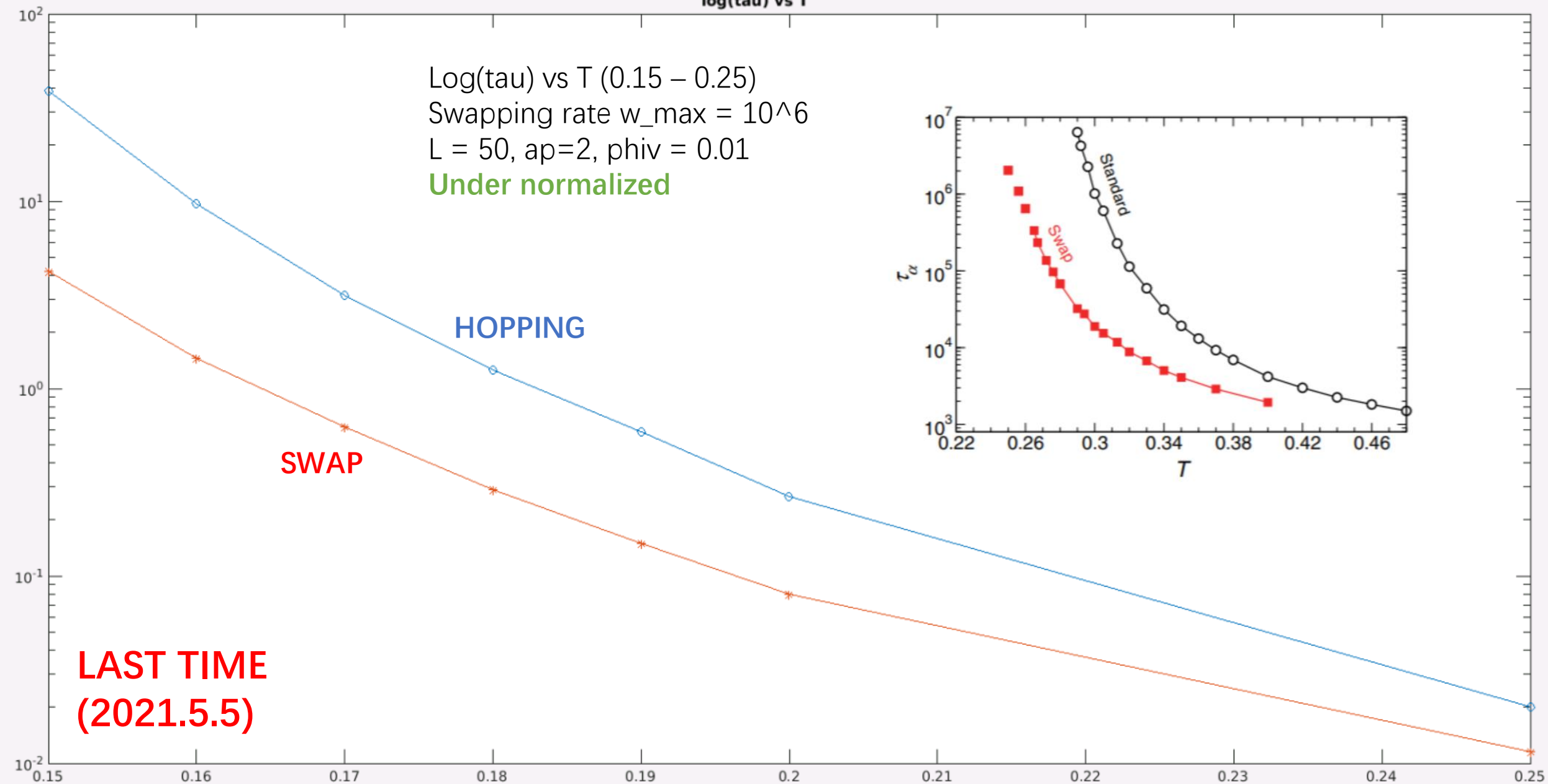
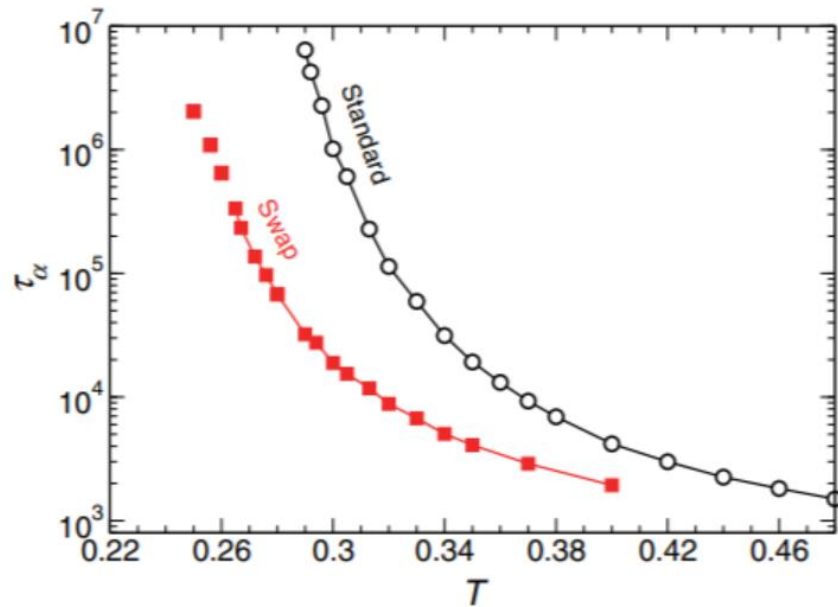
log(tau) vs T

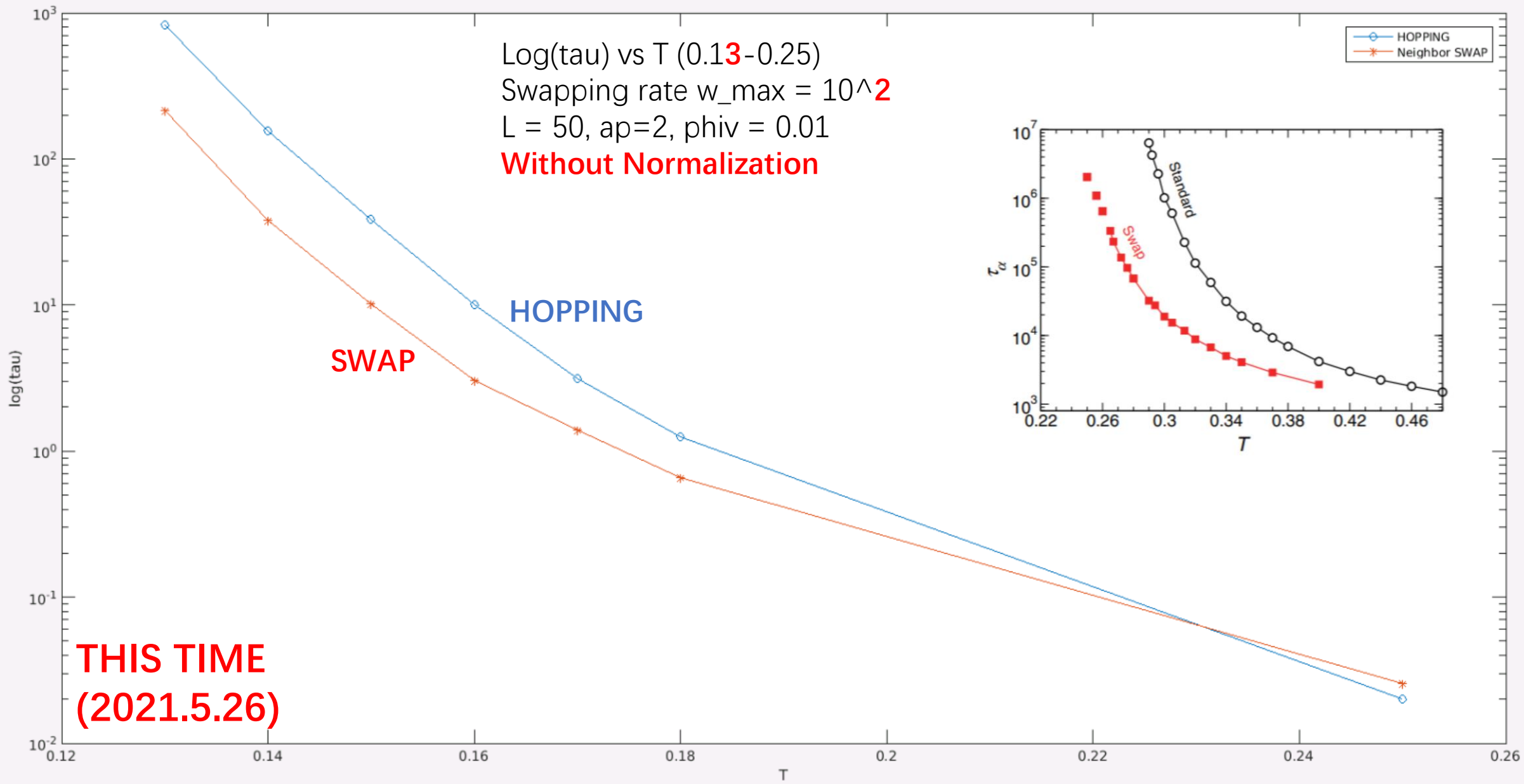
Log(tau) vs T (0.15 – 0.25)
Swapping rate $w_{\max} = 10^6$
 $L = 50$, $ap=2$, $\phi = 0.01$
Under normalized

HOPPING

SWAP

LAST TIME
(2021.5.5)





- What I do this week
- I tried to decrease the temperature to 0.13 (it seems to be the lowest temperature for HOPPING, overwhelming MCS if further decrease T)
- I tried to change the swap rate (code by Xinyuan) to avoid normalization

- Next week
- I will try to improve the tau difference to a larger one, hopefully to be 10^2 by changing the value of swap rate and other parameters like L and ϕ .