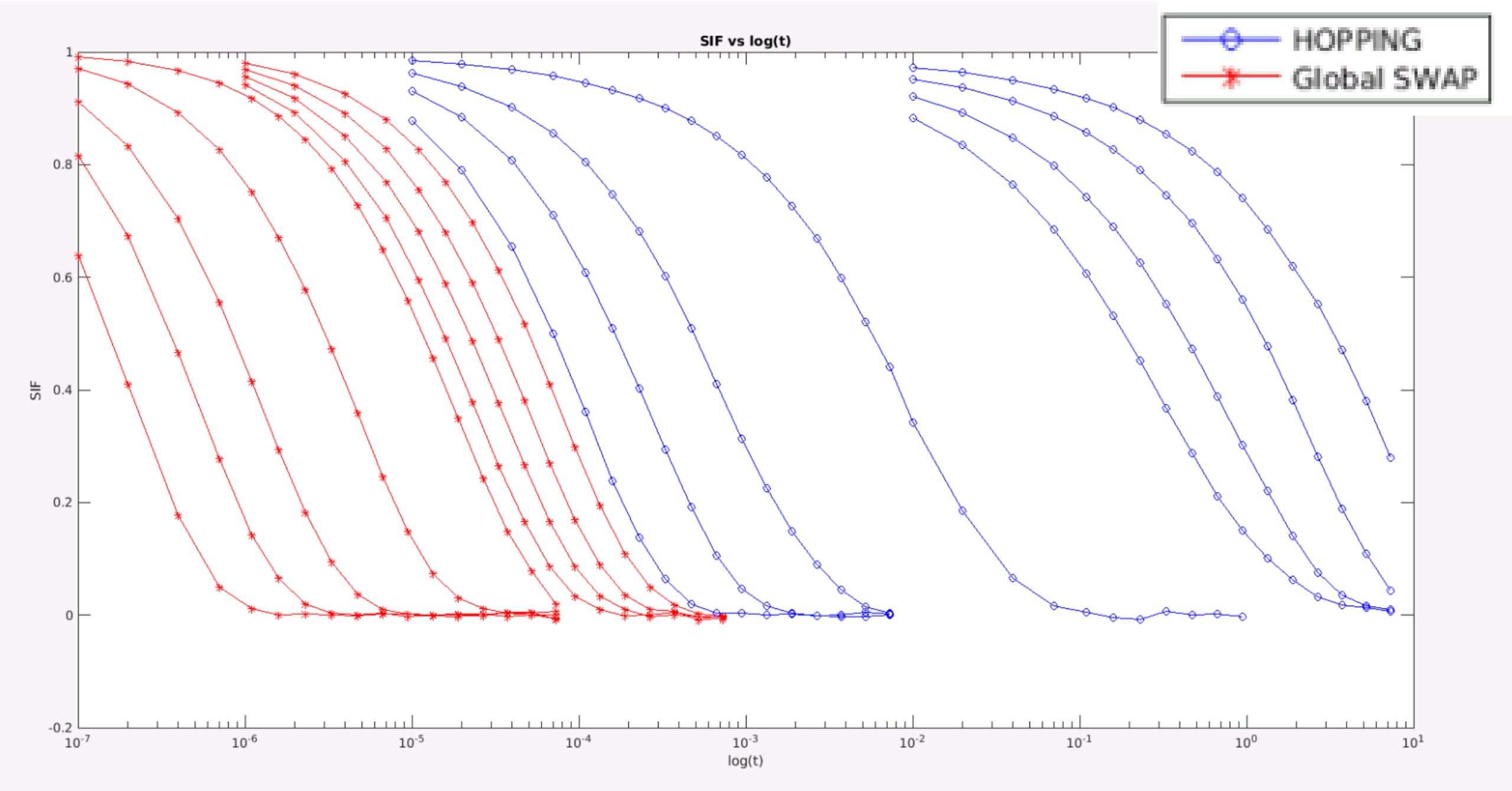
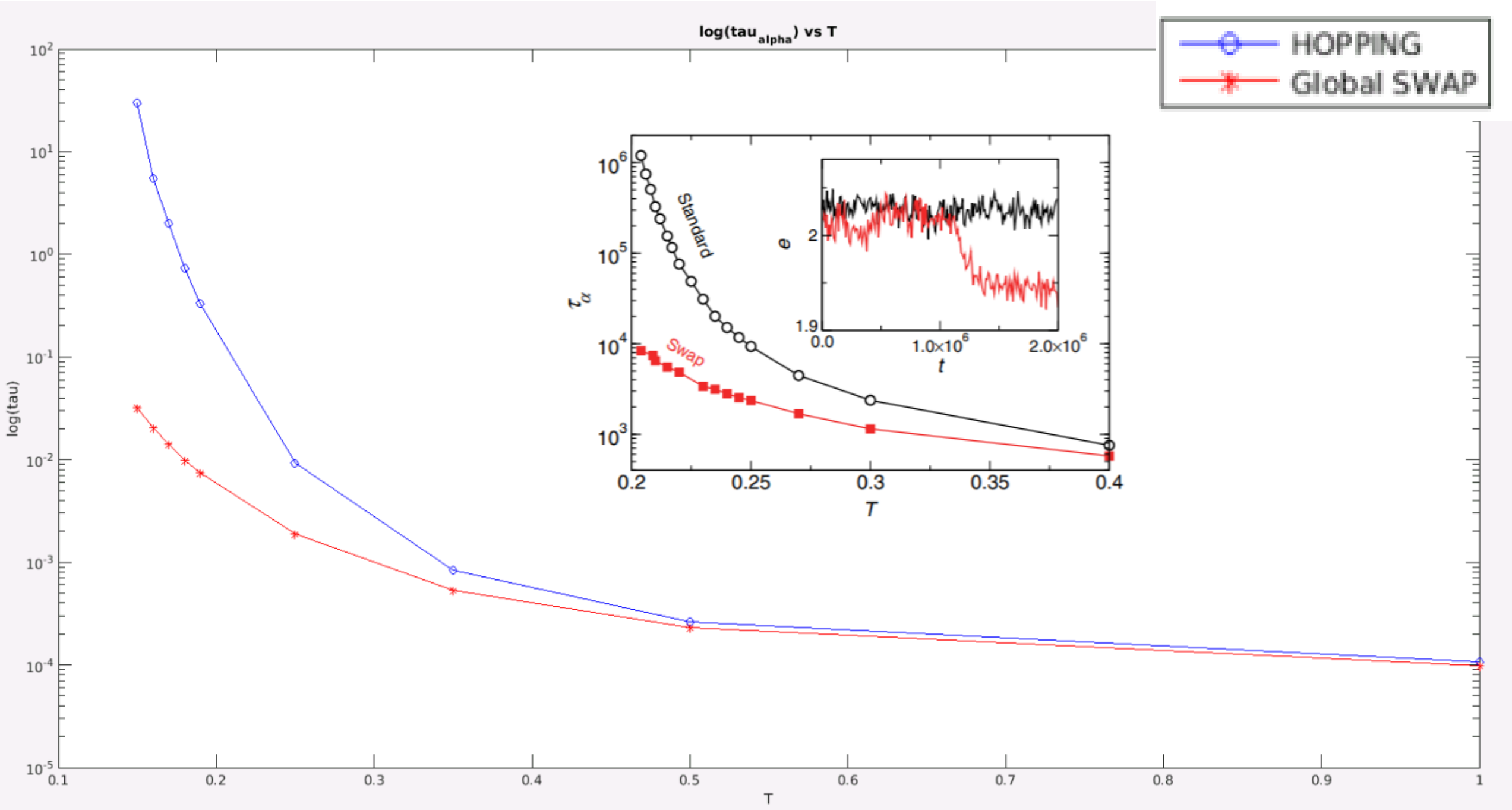
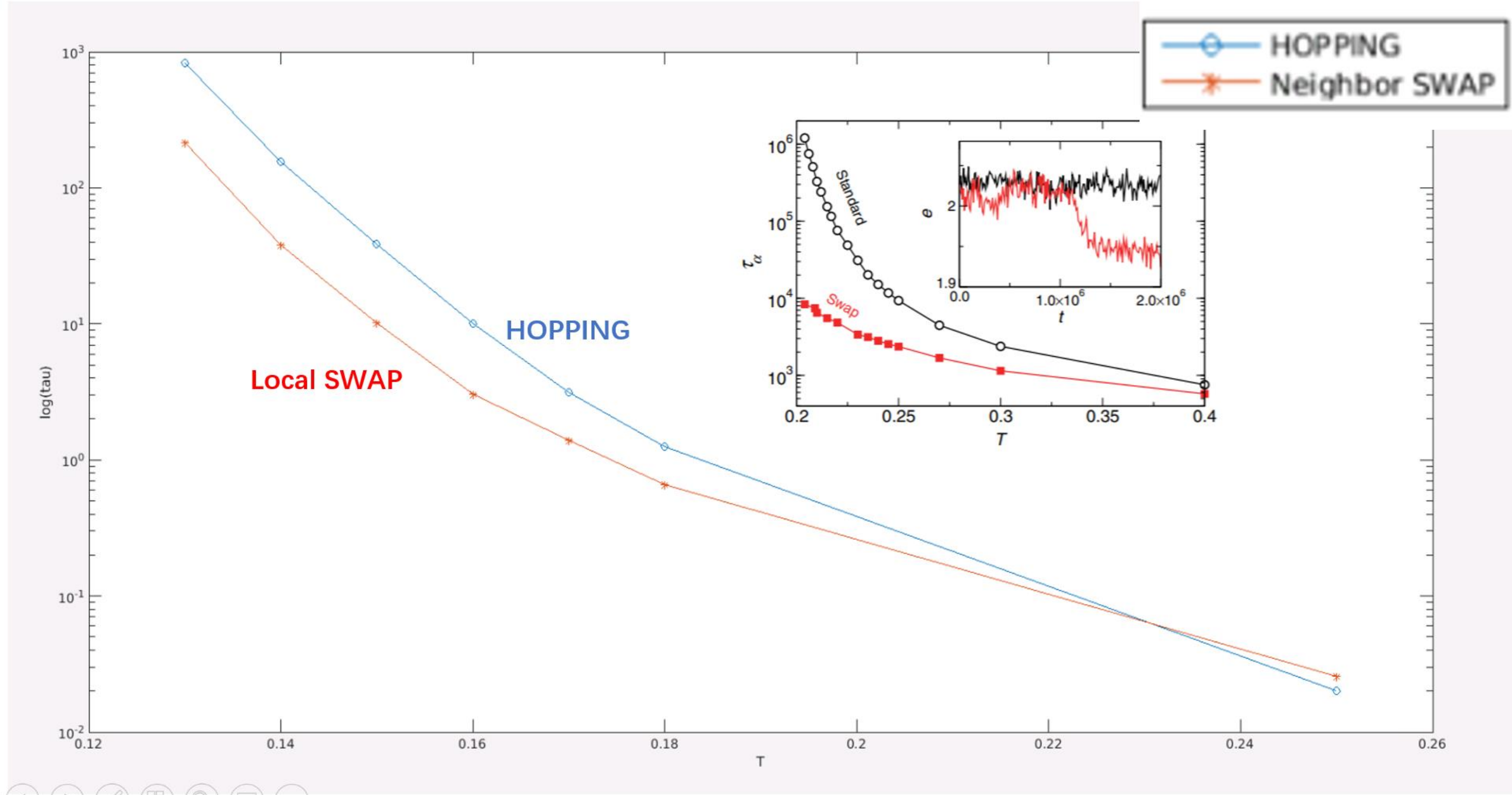

SIF vs log(t)
HOPPING
Global SWAP
SIF
log(t)
1
0.8
0.6
0.4
0.2
0
-0.2
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}


log(tau_alpha) vs T
HOPPING
Global SWAP
log(tau)
T
Standard
Swap
τ_α
T
e
t
1.0×10^6
2.0×10^6


HOPPING
Neighbor SWAP
HOPPING
Local SWAP
log(tau)
T
Standard
Swap
τ_α
T
e
t

Conclusion

- A great result for Global SWAP
- Global SWAP has much more efficiency in low-T simulation than Local SWAP and HOPPING.