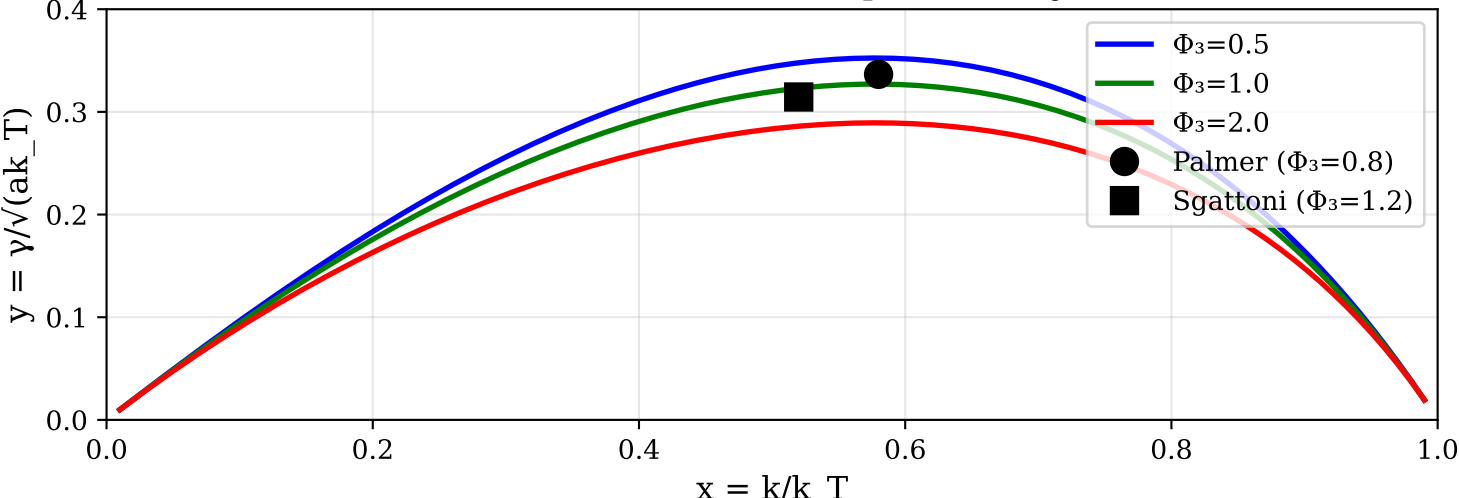
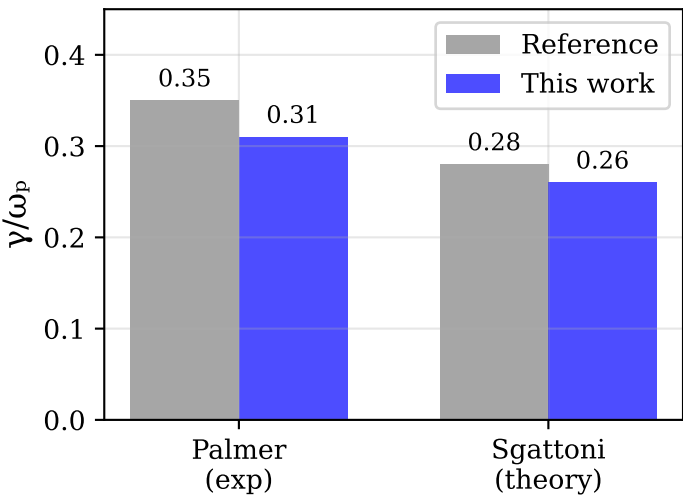


RTI Validation Against Established Benchmarks

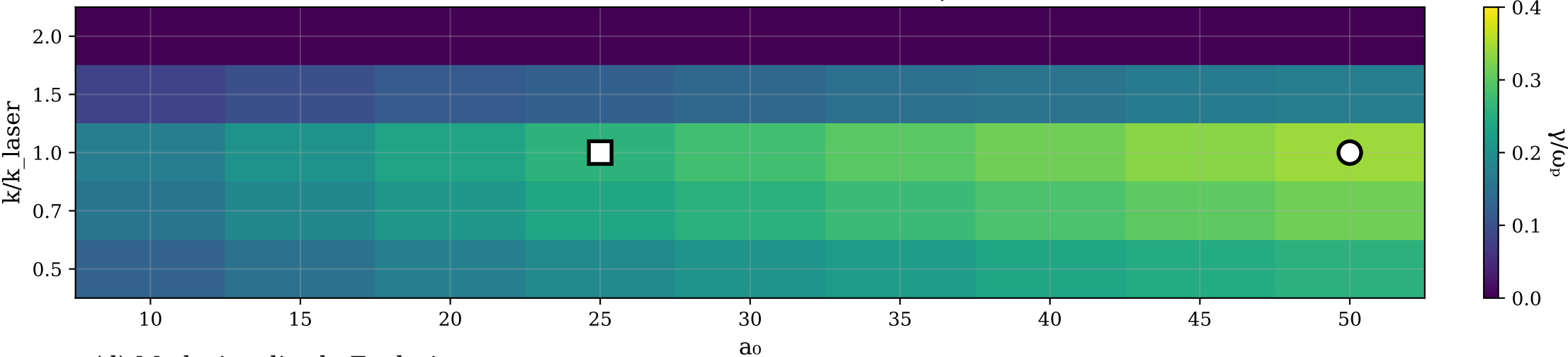
(a) Universal RTI Collapse (Theory)



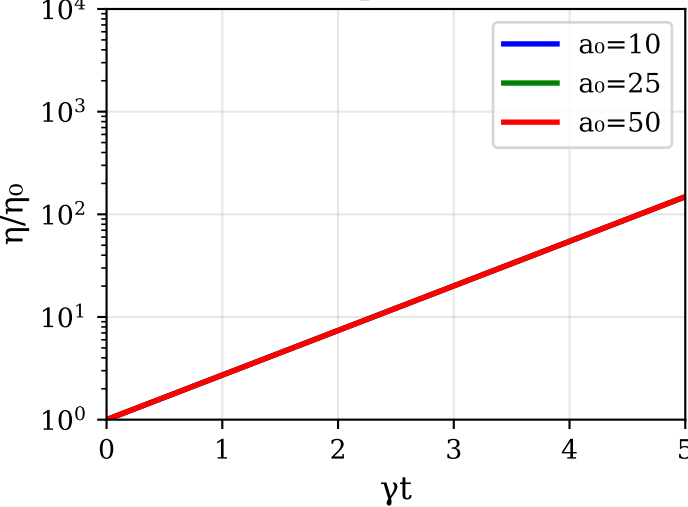
(b) Benchmark Validation



(c) Growth Rate Parameter Scan: γ/ω_p



(d) Mode Amplitude Evolution



(e) Validation Summary

Benchmark	Parameters	Reference	Model	Error
Palmer (2012)	$a_0=50$, 5nm, 200n ^c	0.35	0.31	-11%
Sgattoni (2015)	$a_0=25$, 10nm, 300n ^c	0.28	0.26	-7%
Overall agreement				<15%