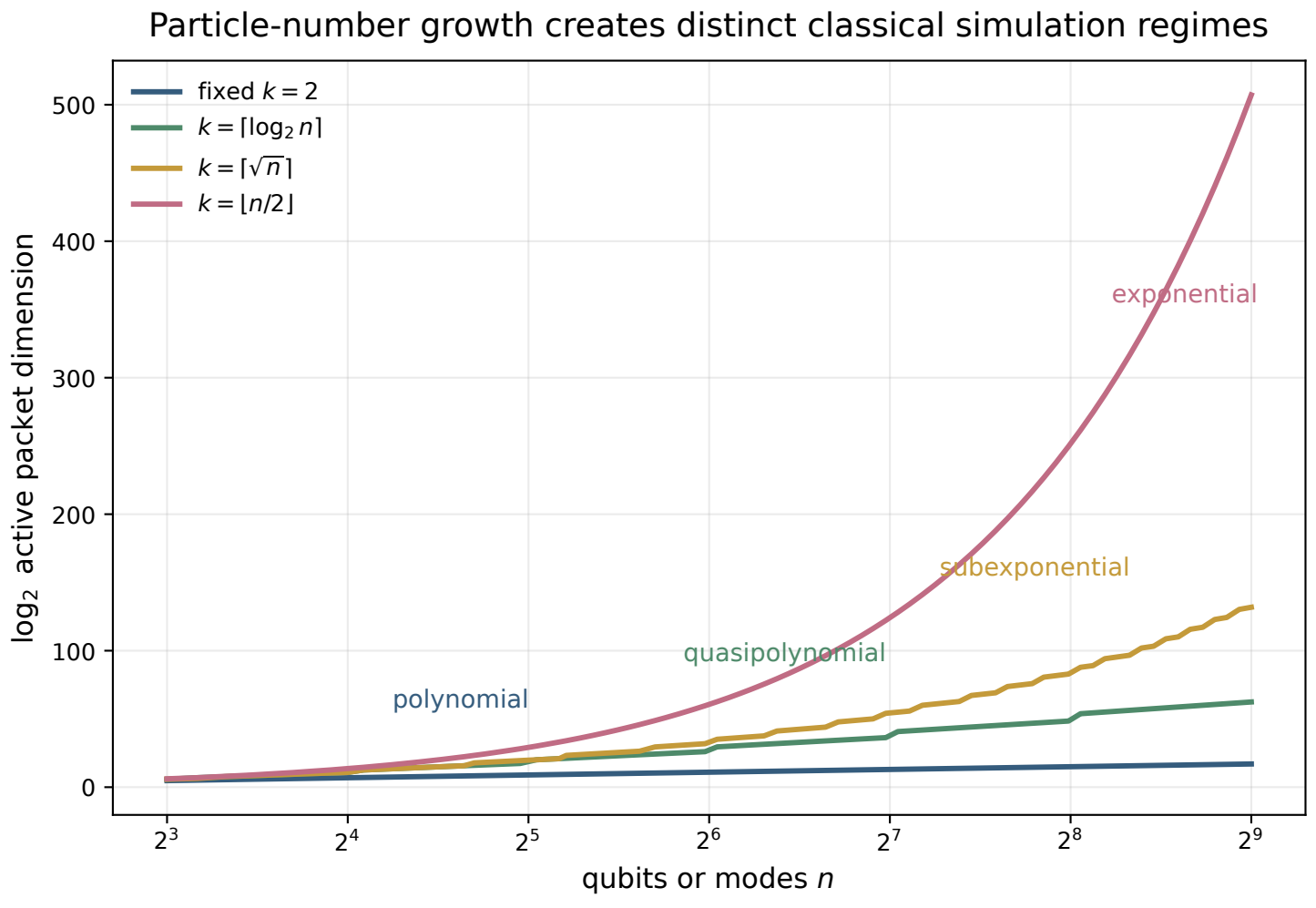

Particle-number growth creates distinct classical simulation regimes
fixed $k = 2$
$k = \lceil \log_2 n \rceil$
$k = \lceil \sqrt{n} \rceil$
$k = \lfloor n/2 \rfloor$
polynomial
quasipolynomial
subexponential
exponential
$\log_2$ active packet dimension
qubits or modes n
0
100
200
300
400
500
2^3
2^4
2^5
2^6
2^7
2^8
2^9