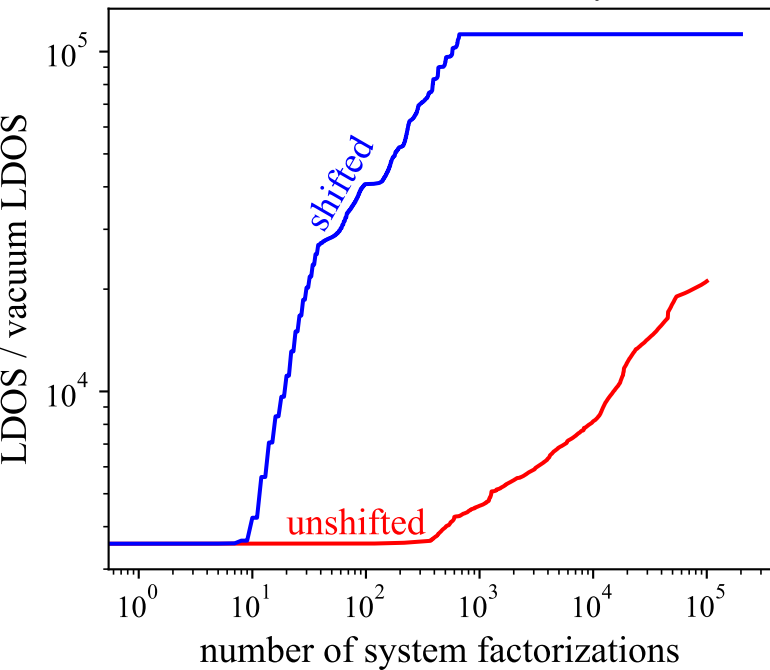**LDOS iteration history**

**$Q$ iteration history**

LDOS / vacuum LDOS

number of system factorizations

quality factor

number of system factorizations

shifted

unshifted

shifted

unshifted