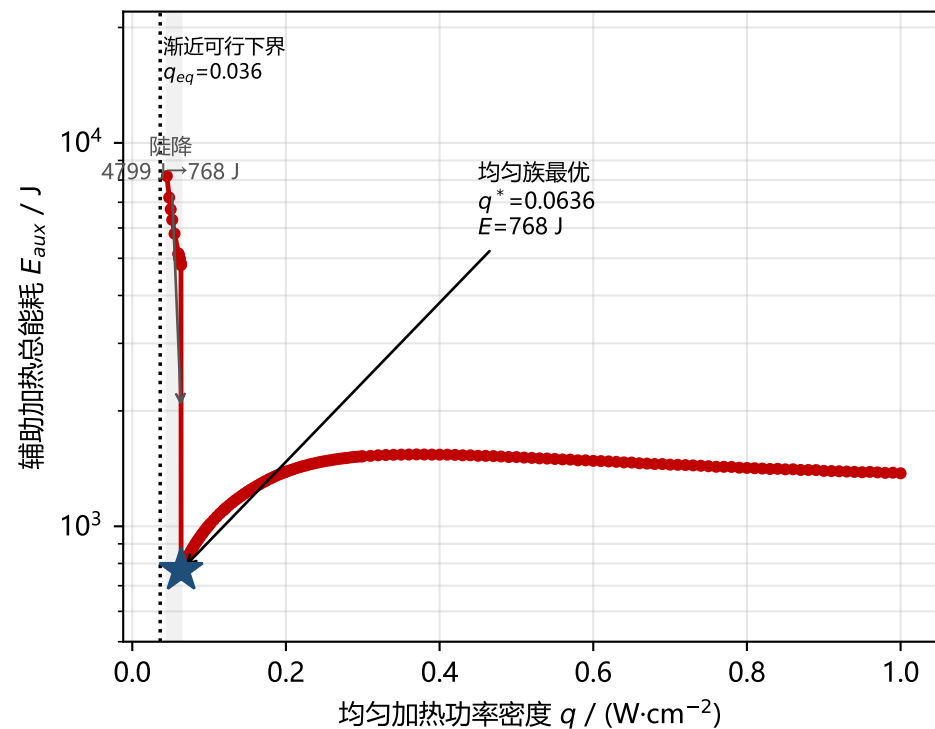
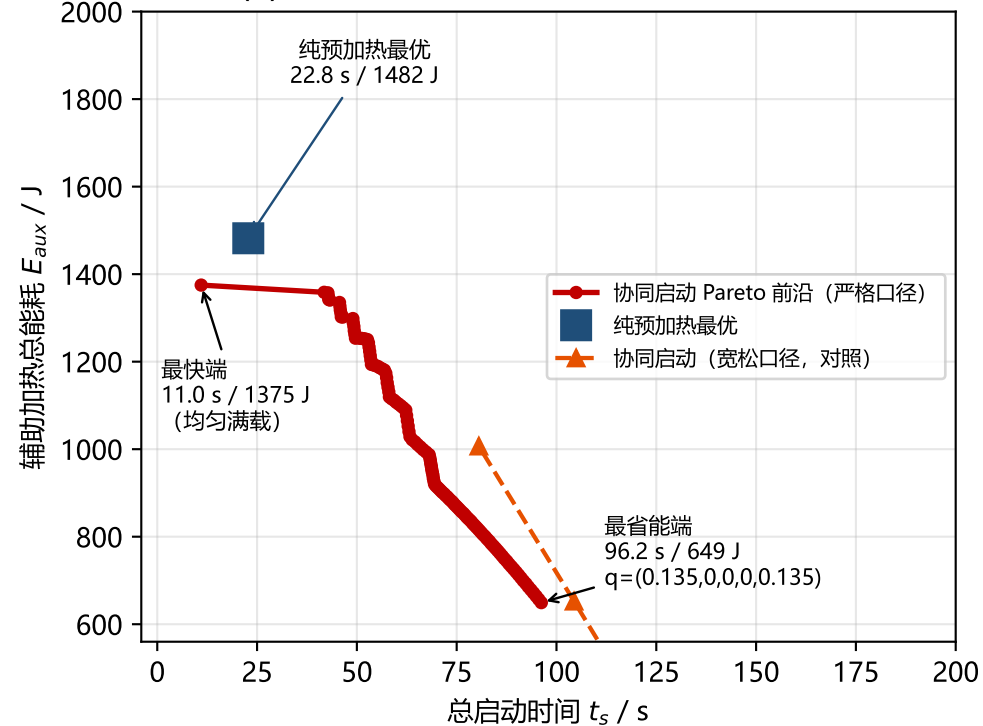


(a) $E_{aux}(q)$: 慢速区陡降、谷底、快速区缓升



(b) 两策略的能量—时间权衡与 Pareto 前沿



(c) 最优解逐片能耗：仅端部两片加热，中间三片 $q_k \equiv 0$

