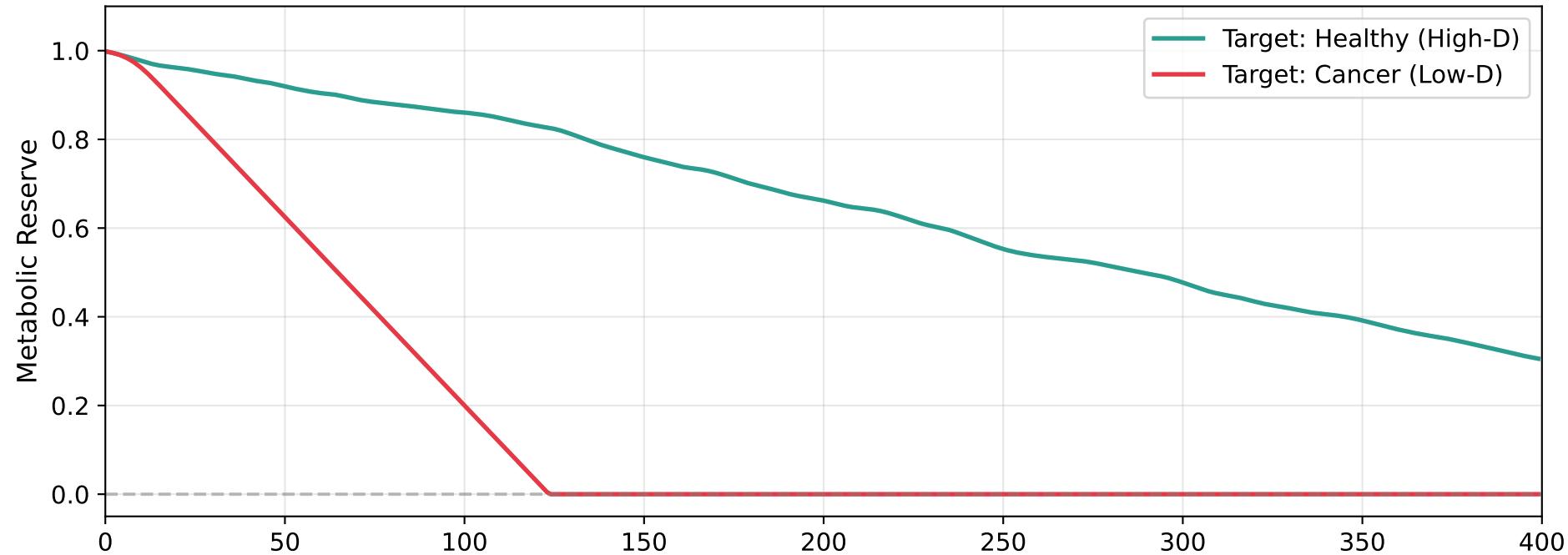


### A. Dynamical Friction: Probing Low-D Targets Drains Energy



### B. Functional Collapse: T-Cell Exhaustion as Dimensional Phase Transition

