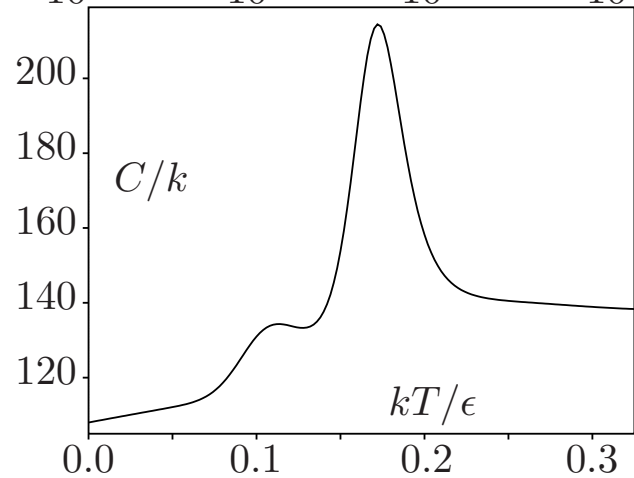
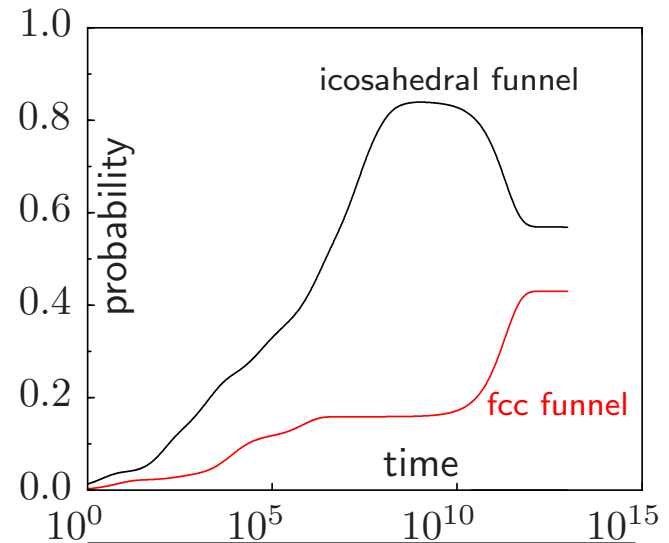
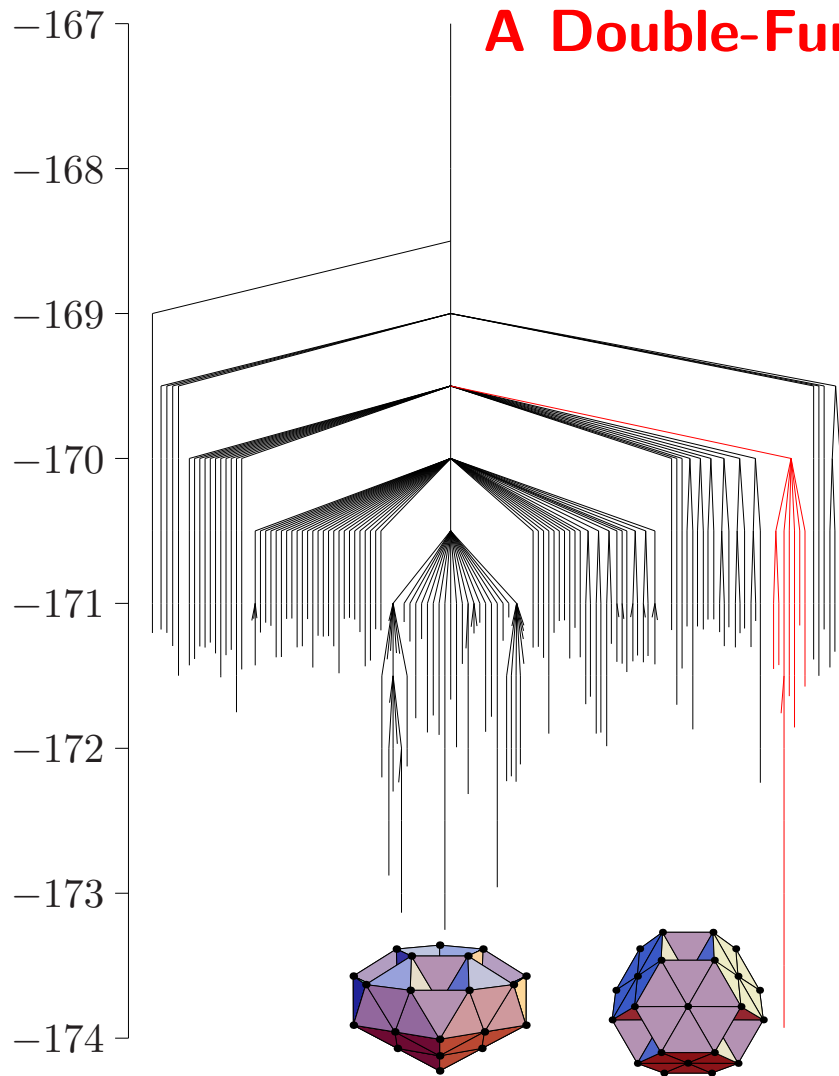
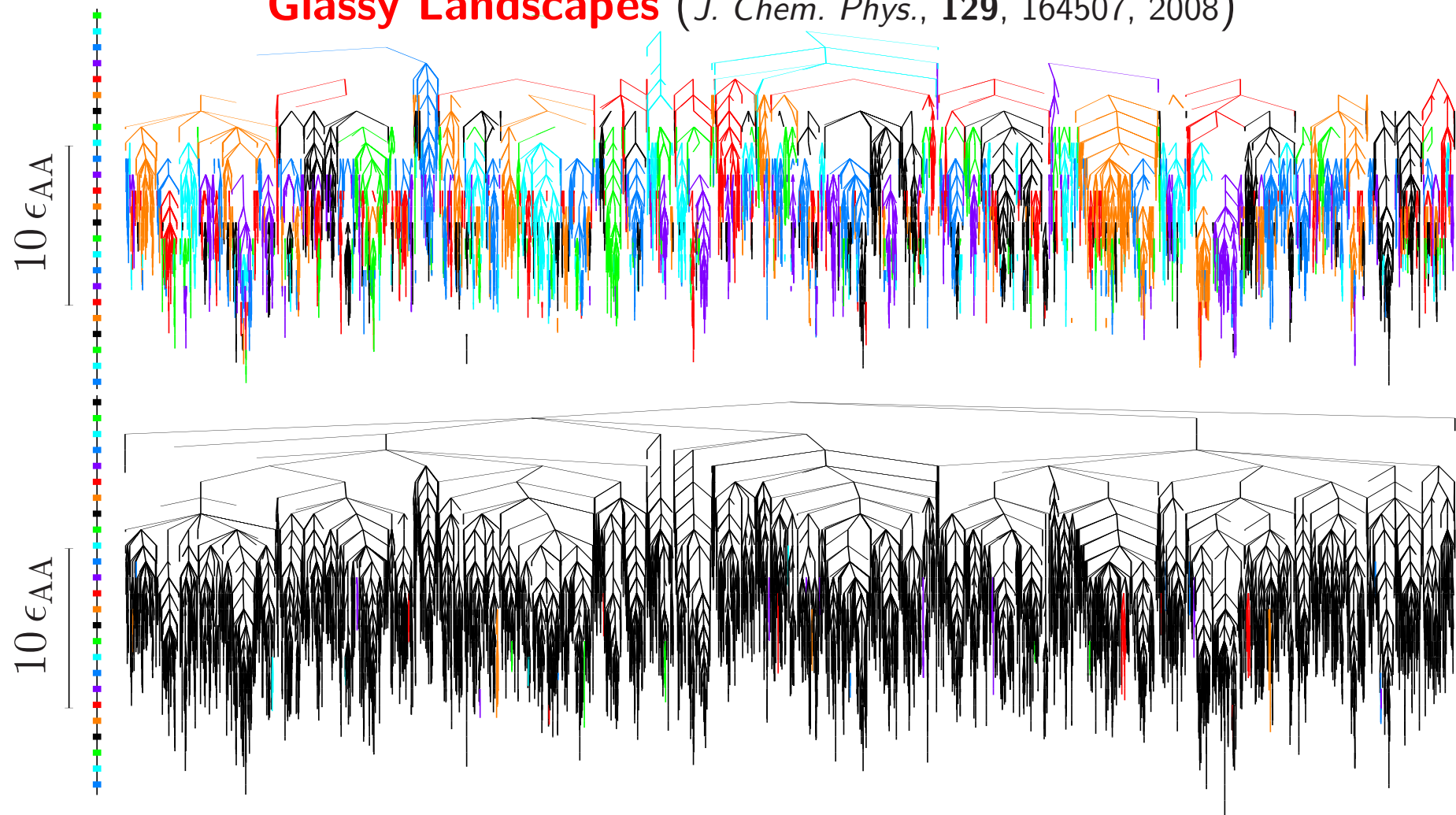


A Double-Funnel System: LJ_{38}



LJ_{38} exhibits a **double funnel** due to competition between icosahedral and truncated **octahedral** morphologies. The interconversion rate for Ar_{38} is calculated as 55 s^{-1} at 14 K where a **solid-solid** transition occurs.

Glassy Landscapes (*J. Chem. Phys.*, 129, 164507, 2008)



Disconnectivity graphs for **BLJ₆₀** including only transition states for **noncage-breaking** (top) and **cage-breaking** (bottom) paths. Changes in colour indicate **disjoint** sets of minima. Cage-breaking transitions, defined by **two** nearest-neighbour changes, define a higher order **metabasin** structure.