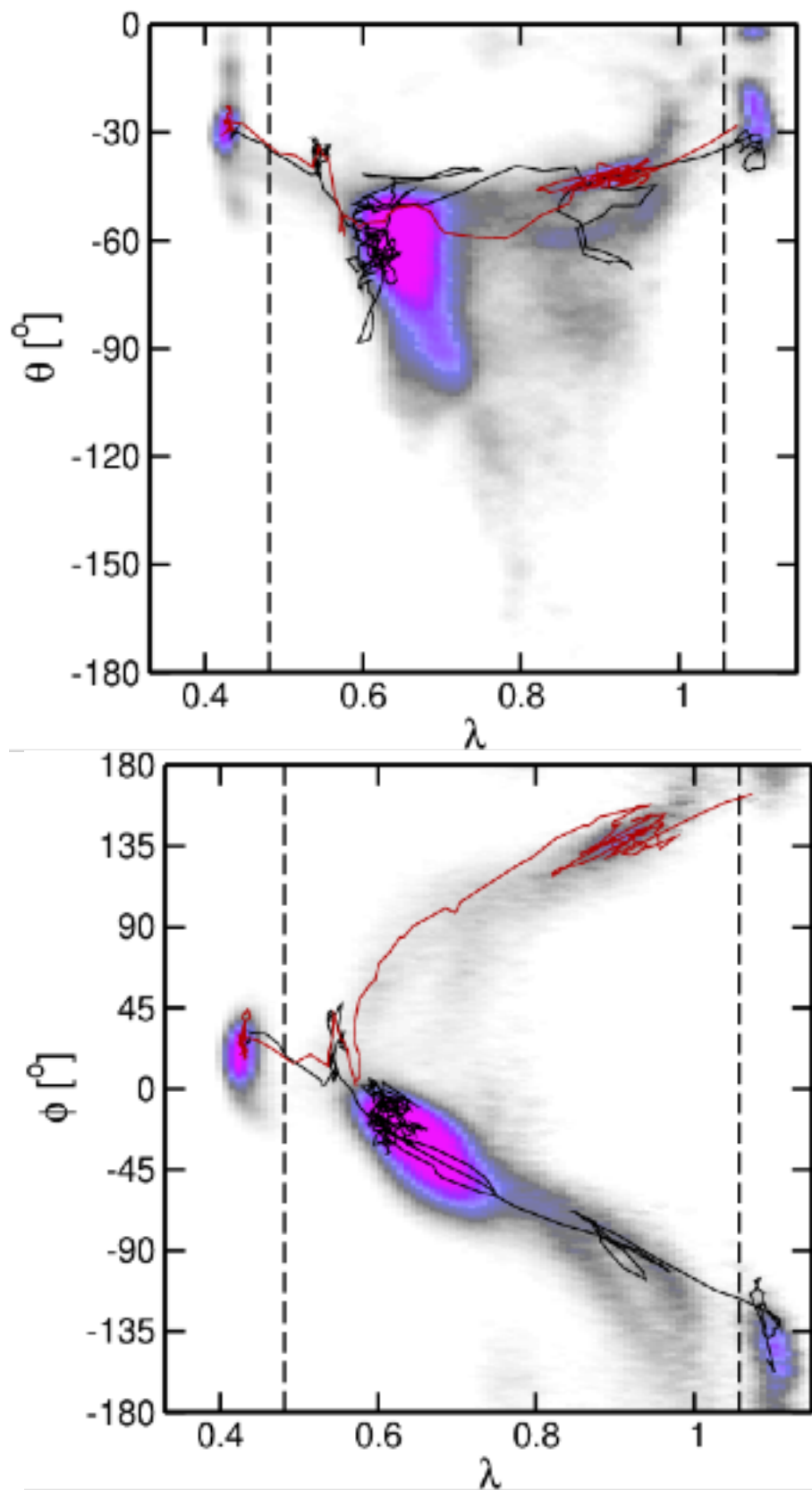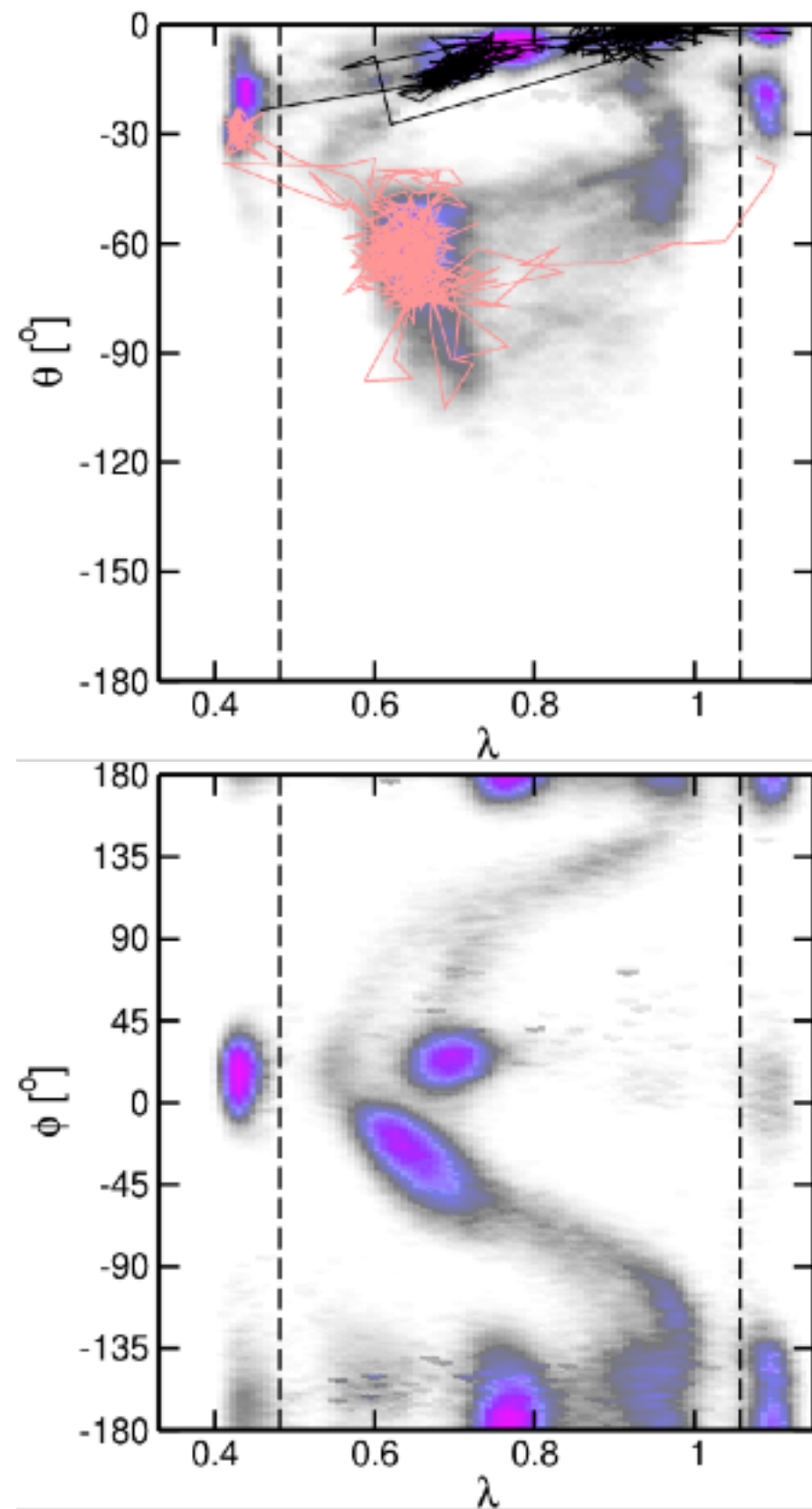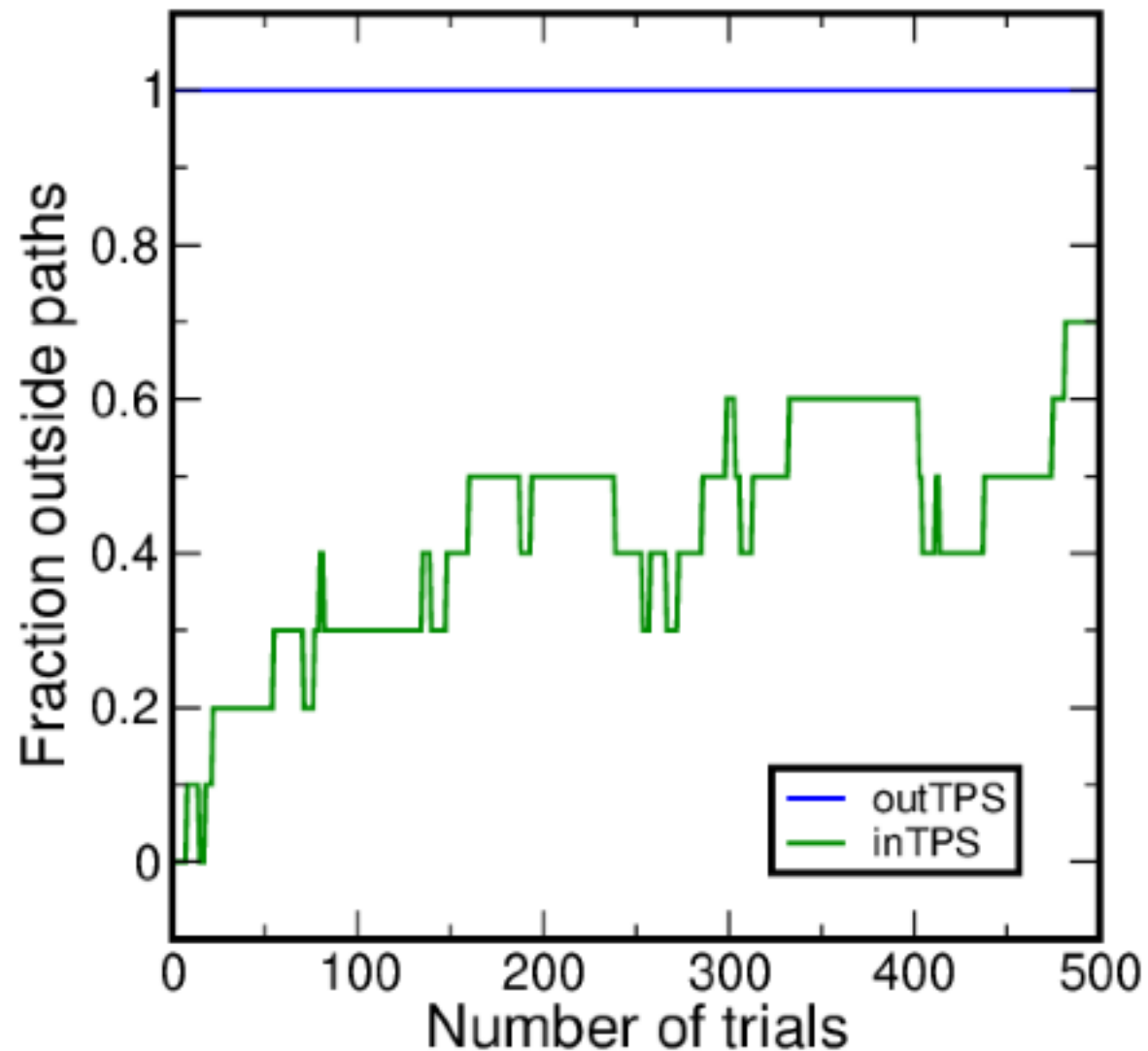# Path Densities

Start from outside path

Start from inside path

Outside vs. Inside

- starting from an outside path, always stay outside

- starting from an inside path, many go outside (7/10 after 500 trials)

- Rough quantification: 2000-to-1 odds that outside is preferred