Staged assembly and disassembly: DoS $\approx$ 1
No sequential peaks: DoS $\approx$ 0

DoS = 1.0

DoS = 0.5

DoS = 0.1

% lattice coverage

time

Curvature

c_1/c_0

c_2/c_0

DoS

Adhesion energy

E_1^{adh}/E_0^{adh}

E_2^{adh}/E_0^{adh}

DoS
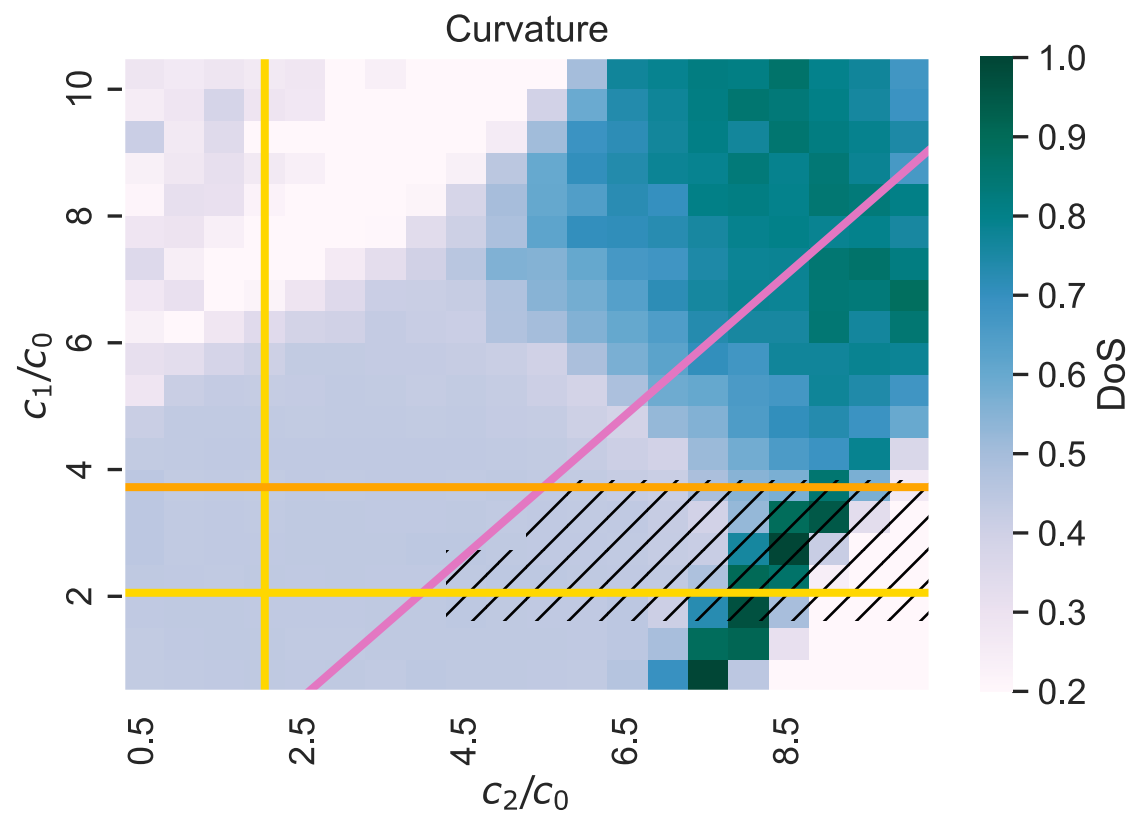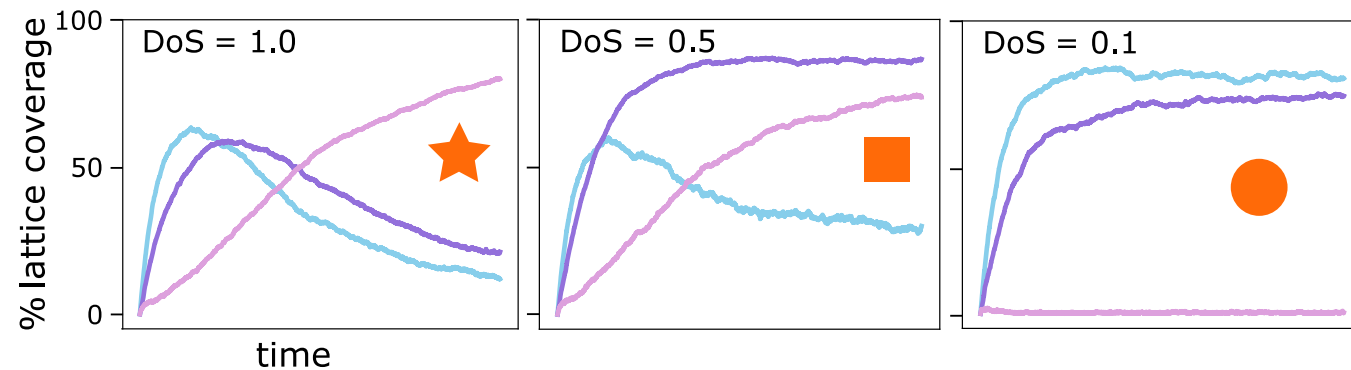
$E_1^{adh} < \frac{\kappa}{2}(c_1 - c_2)^2$

$E_0^{adh} < \frac{\kappa}{2}(c_{1/2} - c_0)^2$

$E_1^{adh} > \frac{\kappa}{2}(c_1 - c_0)^2$
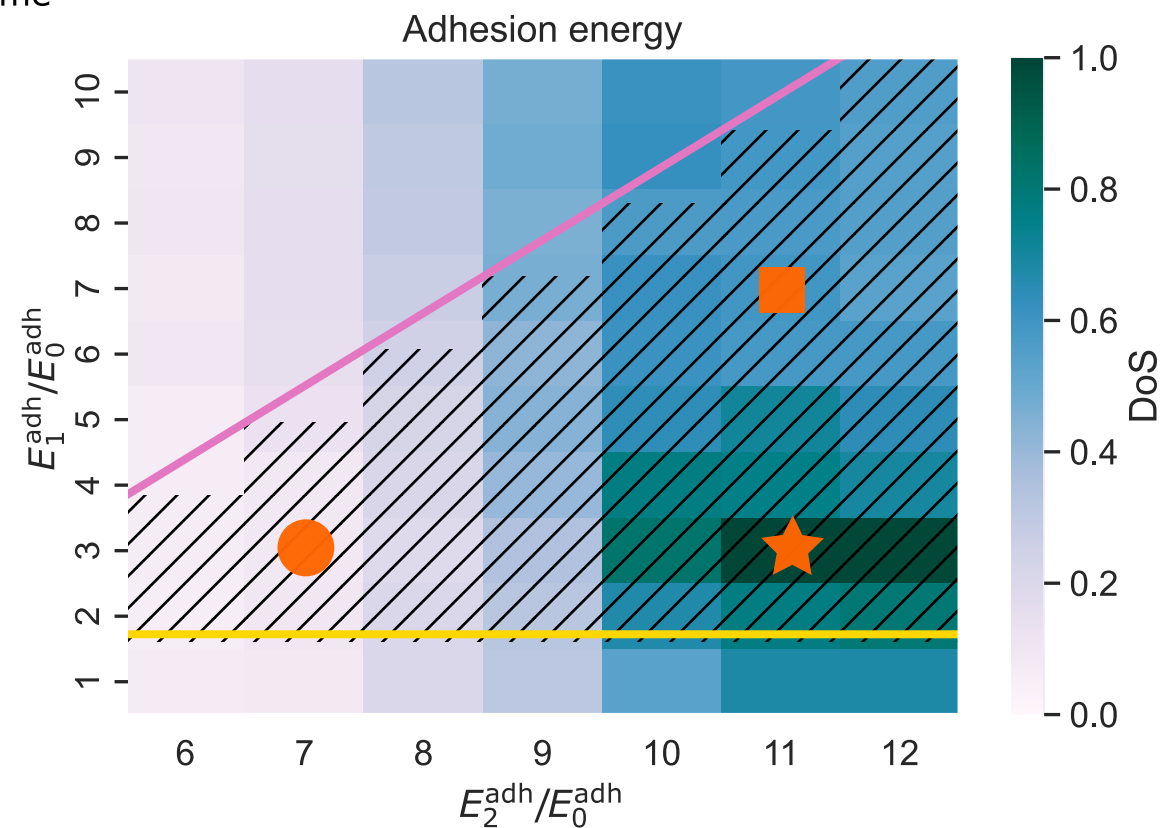
$E_1^{adh} - E_1^{mem} < E_2^{adh} - E_2^{mem}$

$E_1^{adh} > E_1^{mem}$