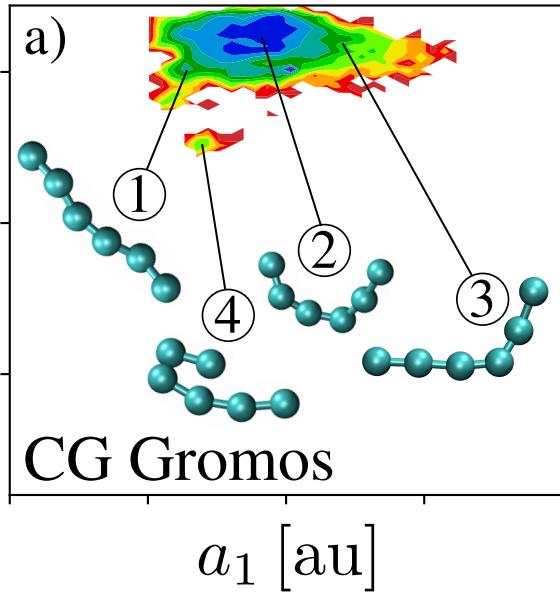
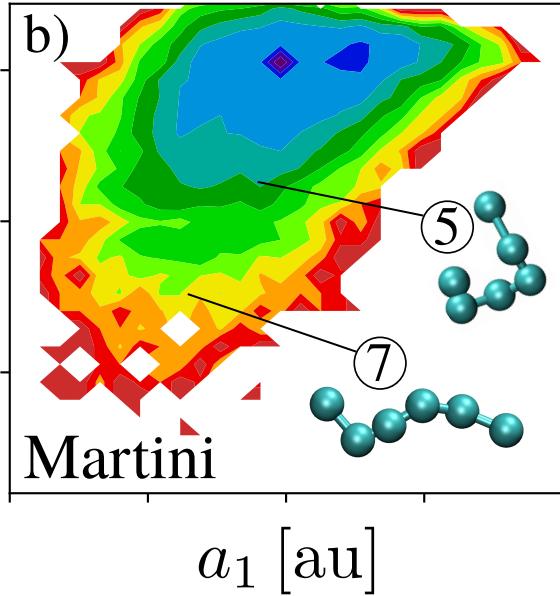
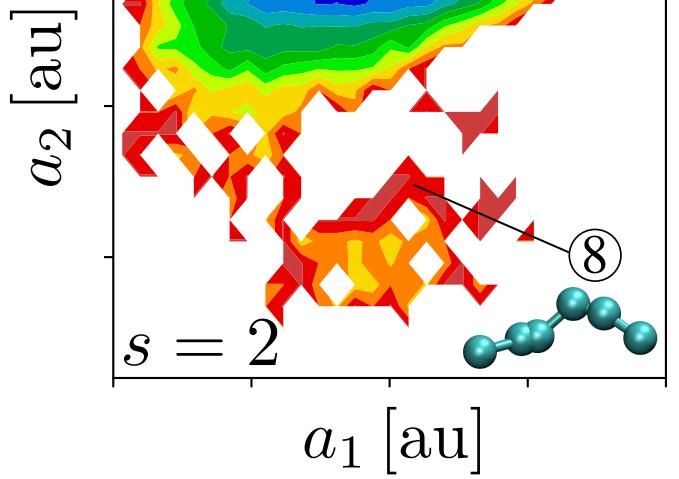
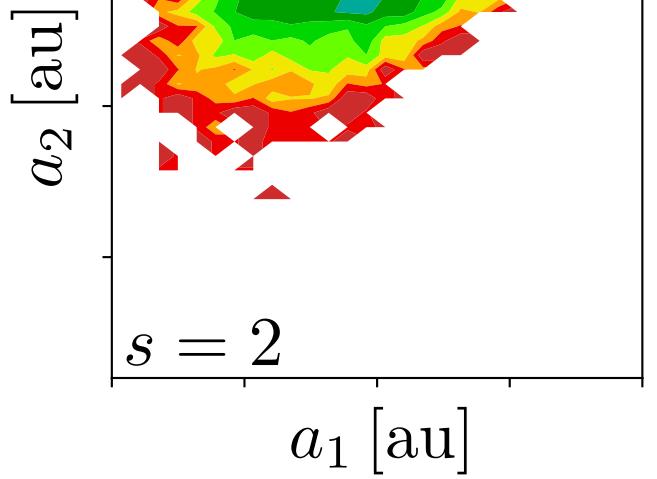


a_2 [au]

scheme A

 a_2 [au] a_2 [au] a_2 [au]

scheme A

 a_2 [au] a_2 [au]

scheme B

7.2
6.0
4.8
3.6
2.4
1.2
0.0

free energy [$k_B T$]

7.2
6.0
4.8
3.6
2.4
1.2
0.0

free energy [$k_B T$]