## Distributions of Stem Energy sum for Bulges by Energy Bins Sum Stem Energy (2.5, 3.0]Energy Bins (kJ/mol) (3.0, 3.5](3.5, 4.0](4.0, 4.5](4.5, 5.0]**-**40 -30 \_20 -10 10 Sum of 5' and 3' stem energies (kJ/mol) (kcal/mol)