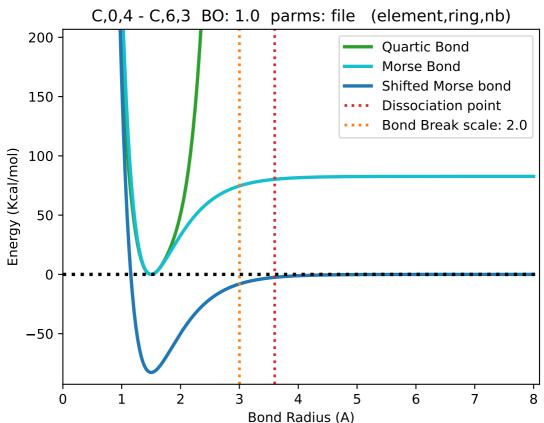


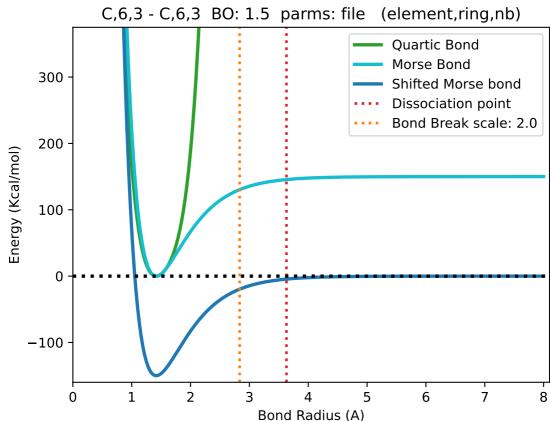
Harmonic vs Morse Bond fit for bond coeff 3 C,0,4 - H,0,1 BO: N/A parms: class2 (element,ring,nb) Quartic Bond Energy (Kcal/mol) 

Bond Radius (A)



Harmonic vs Morse Bond fit for bond coeff 5 C,0,4 - H,0,1 BO: N/A parms: class2 (element,ring,nb) Quartic Bond Energy (Kcal/mol) 

Bond Radius (A)



Harmonic vs Morse Bond fit for bond coeff 7 C,6,3 - H,0,1 BO: N/A parms: class2 (element,ring,nb) Quartic Bond Energy (Kcal/mol) 

Bond Radius (A)

Harmonic vs Morse Bond fit for bond coeff 8 C,6,3 - N,0,3 BO: 1.0 parms: file (element,ring,nb) Quartic Bond 250 Morse Bond Shifted Morse bond 200 Dissociation point Bond Break scale: 2.0 150 Energy (Kcal/mol) 100 50 0 -50-100Bond Radius (A)

Harmonic vs Morse Bond fit for bond coeff 9 H,0,1 - N,0,3 BO: N/A parms: class2 (element,ring,nb) Quartic Bond Energy (Kcal/mol) Bond Radius (A)