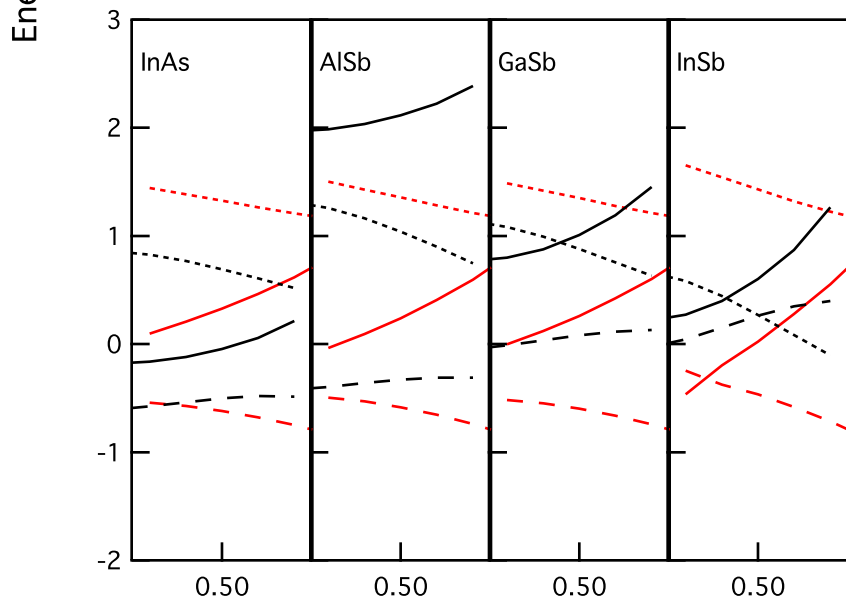
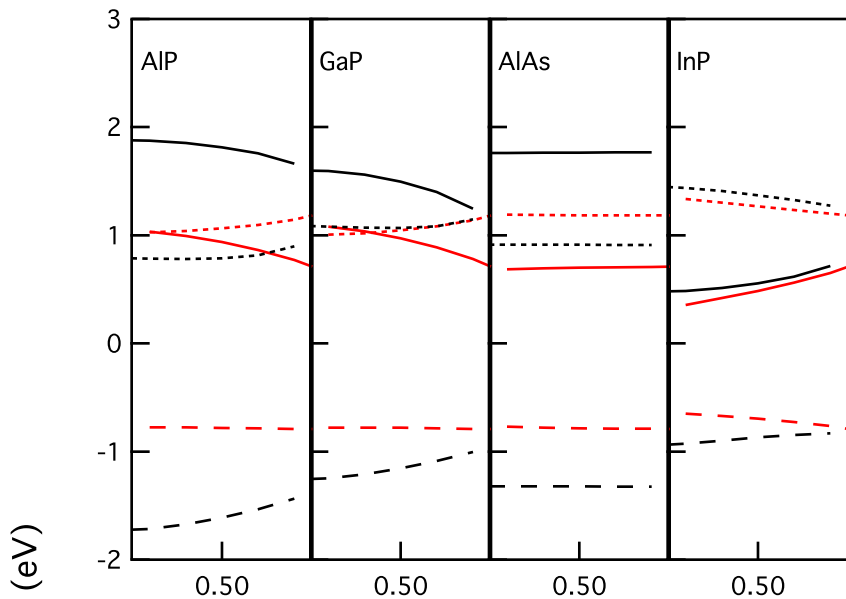


—  $E_{\Gamma}$  shell  
 .....  $E_{\chi}$  shell  
 - - -  $E_{\nu}$  shell

—  $E_{\Gamma}$  core  
 .....  $E_{\chi}$  core  
 - - -  $E_{\nu}$  core

GaAs core



core radius/total radius