The effective potential for various $l$


The $(n=1, \ell=0)$ and the $(n=2, \ell=0)$ and $(n=2, \ell=1)$ states


The $(n=1, \ell=0)$, the $(n=2, \ell=1)$ and the $(n=3, \ell=2)$ states


Fig. (C)


