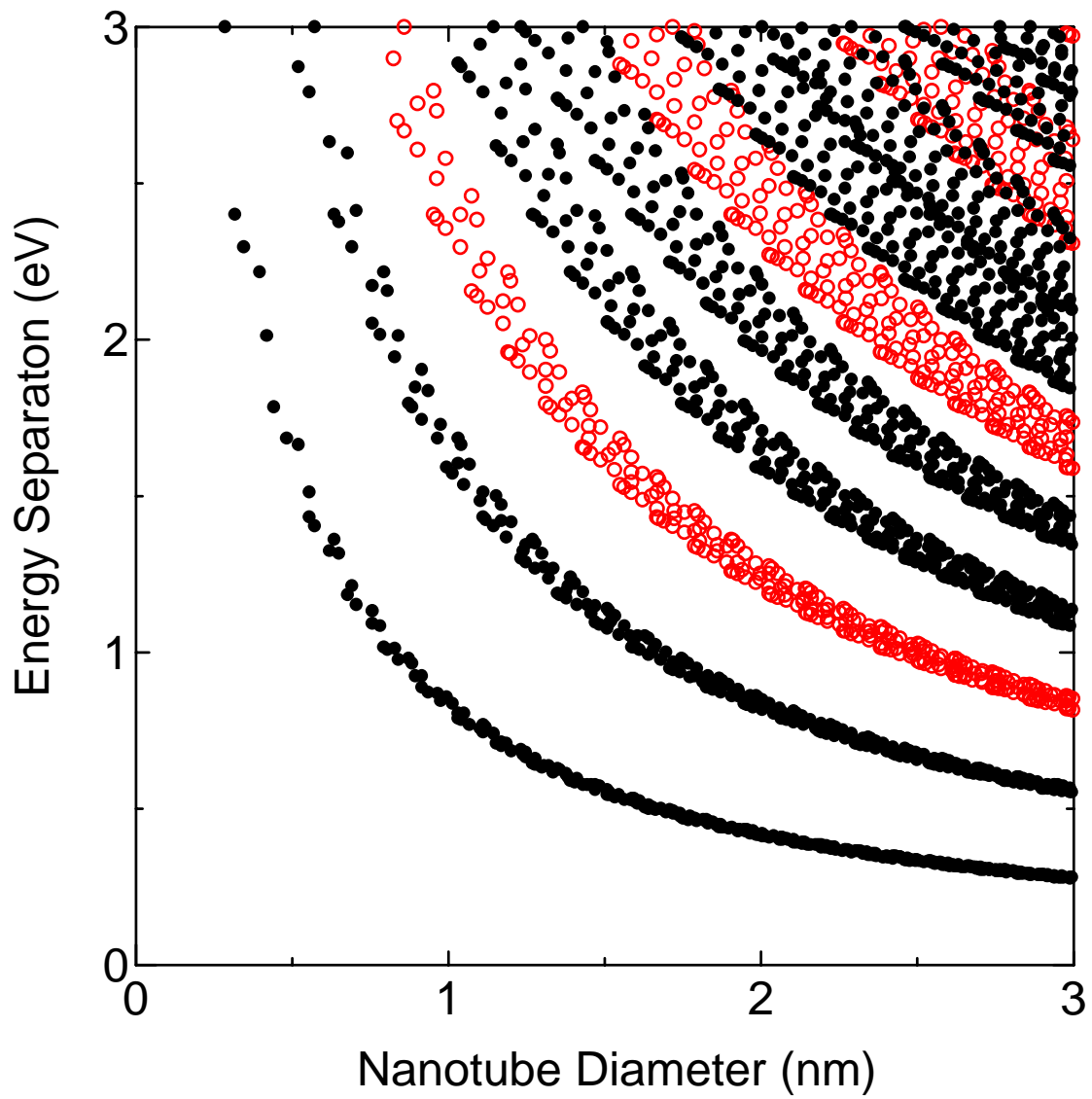


$\gamma_0=2.9$  eV,  $a_{cc}=0.144$ nm



Black points are semiconductor nanotubes

Red points are metallic nanotubes