Steepest decent with start at  $\alpha = 0.143$ -2.87795 -2.878 -2.87805  $E_{avg}$  [a.u.] -2.8781 -2.87815 -2.8782  $\alpha_{start} = 0.143$  $\alpha_{stop} = 0.14335$ -2.87825 Decent -2.8783 0.14300 0.14305 0.14310 0.14315 0.14320 0.14325 0.14330 0.14335

 $\alpha$