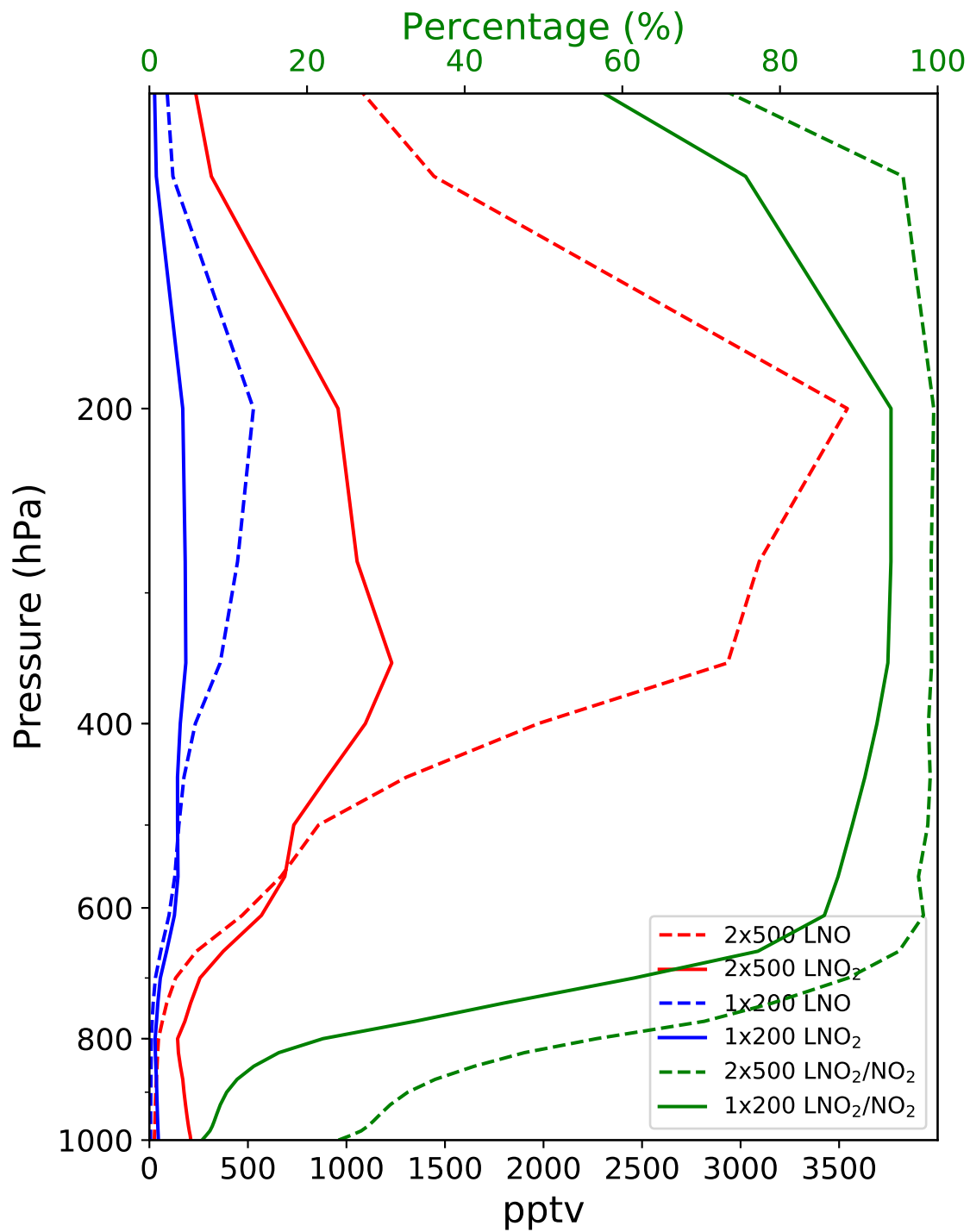


**(a)****Negative  $\Delta PE$** **(b)****Positive  $\Delta PE$** 