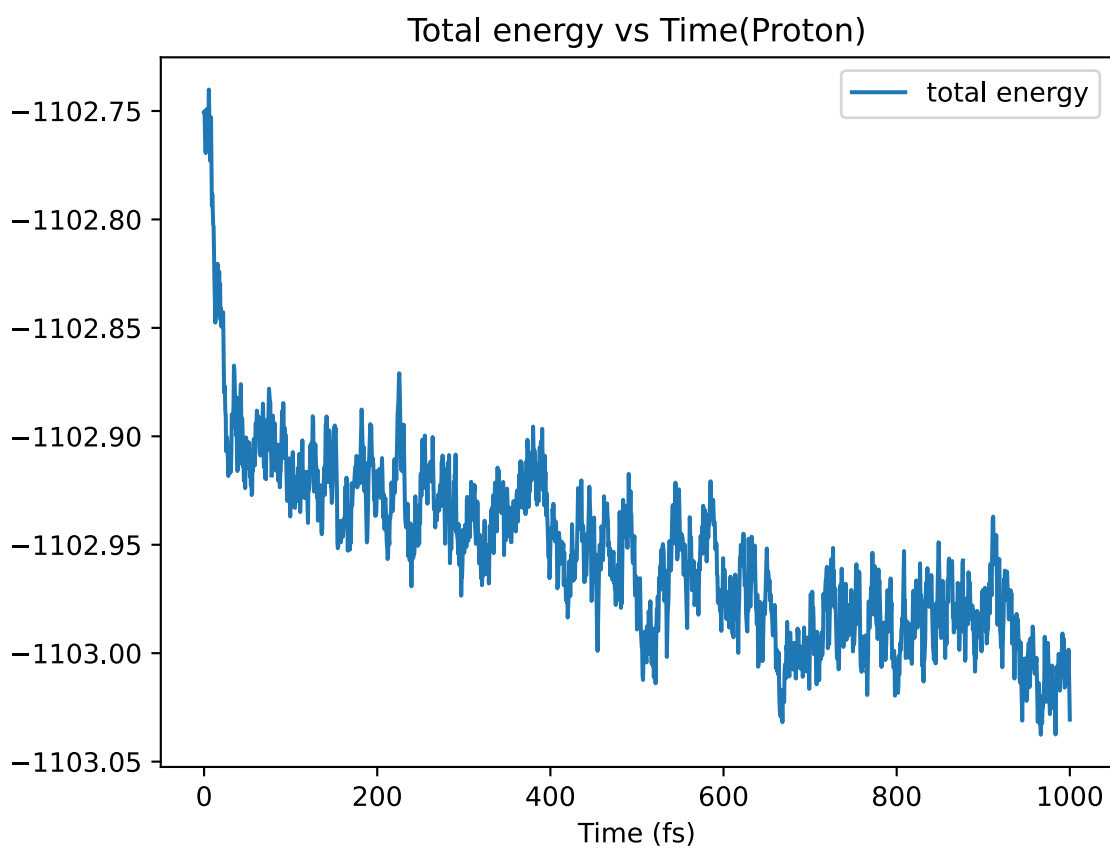
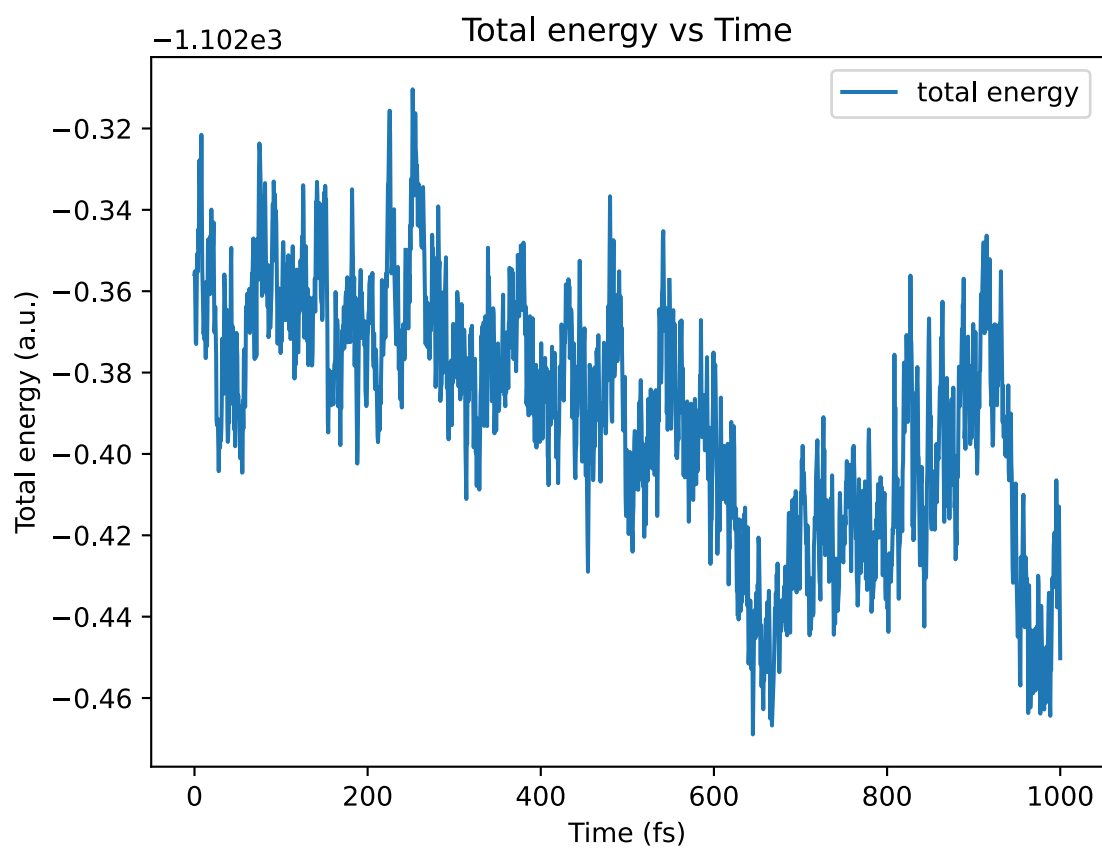
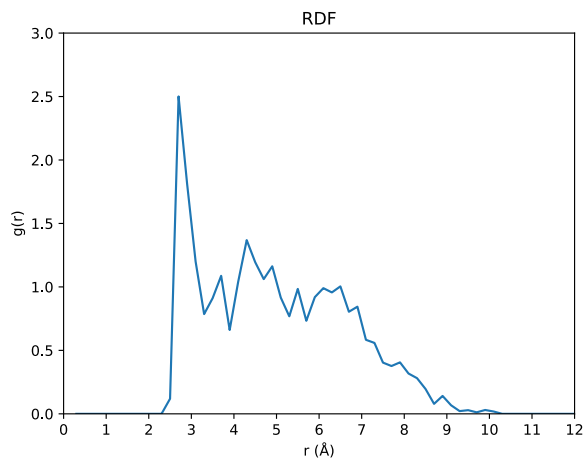


The total energy vs time is plotted below

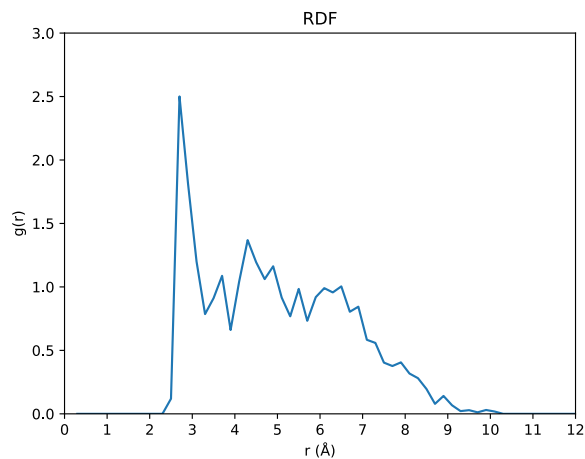


The RDF plots are plotted below, and the plots did show the same peaks compared to the literature; The first peak at  $r = 3$ , the second peak at  $r=4.5$ , and the third peak at  $r=6.5$

Water



Proton



Literature

