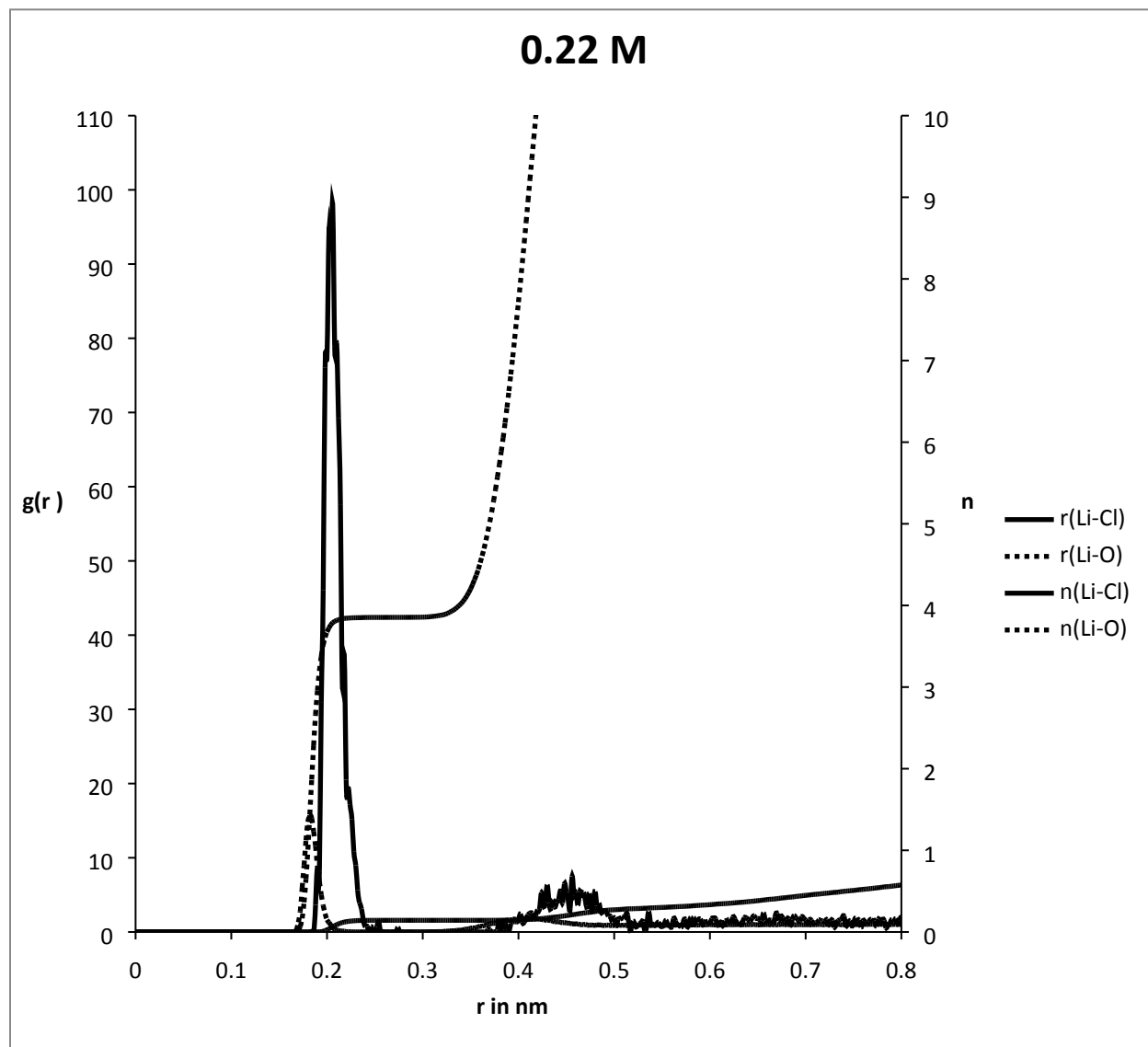


1 **Supporting Data for “Investigations of Clustering of Ions and Diffusivity in Concentrated**
2 **Aqueous Solutions of Lithium Chloride by Molecular Dynamic Simulation”**

3 RDF plots other than 5.9 M concentration solution of LiCl are shown below.

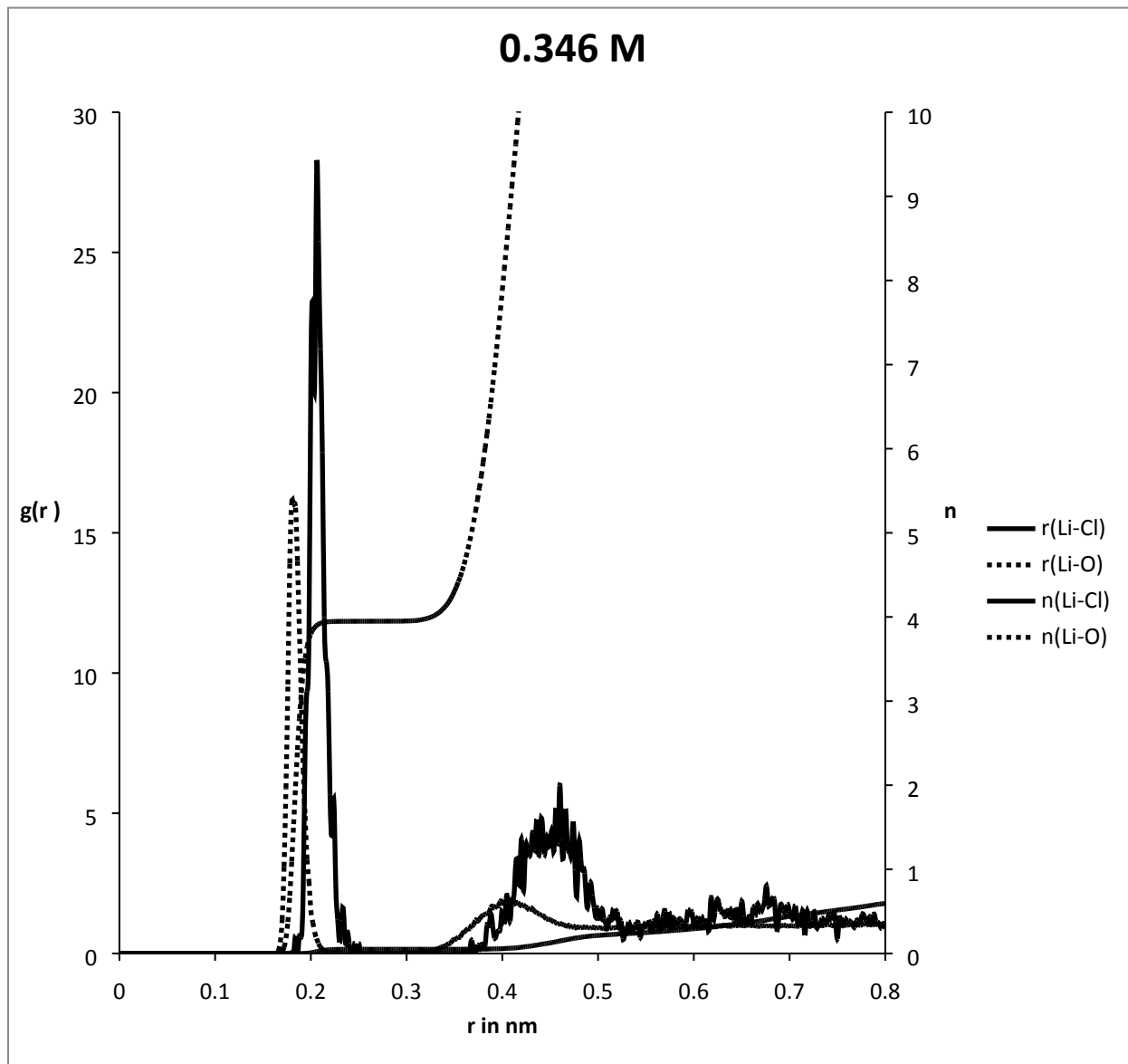
4 **Figure 1. RDF Plot for 0.22 M concentration of LiCl solution**



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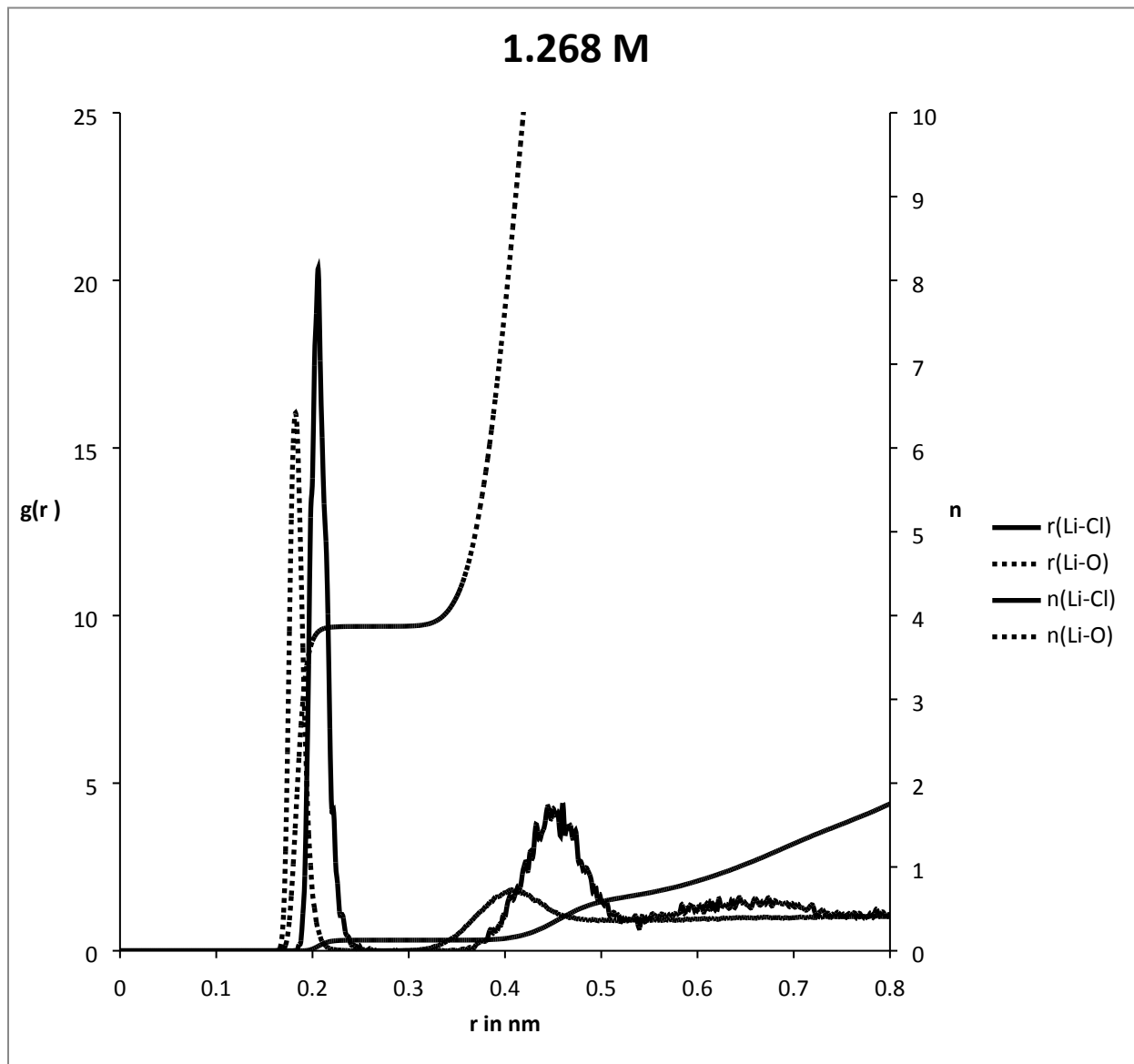
1 Figure 2. RDF Plot for 0.346 M concentration of LiCl solution



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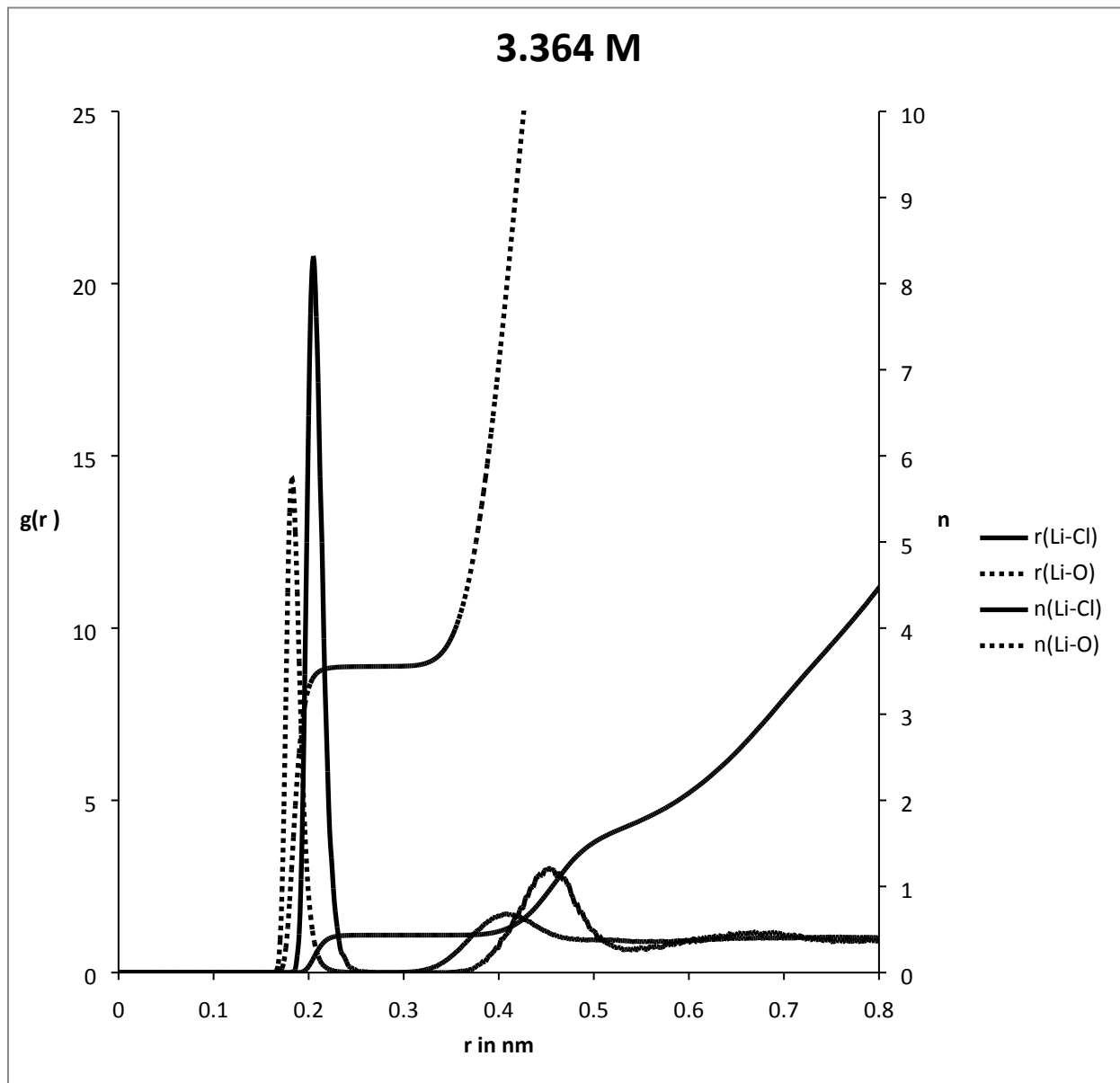
1 Figure 3. RDF Plot for 1.268 M concentration of LiCl solution



2

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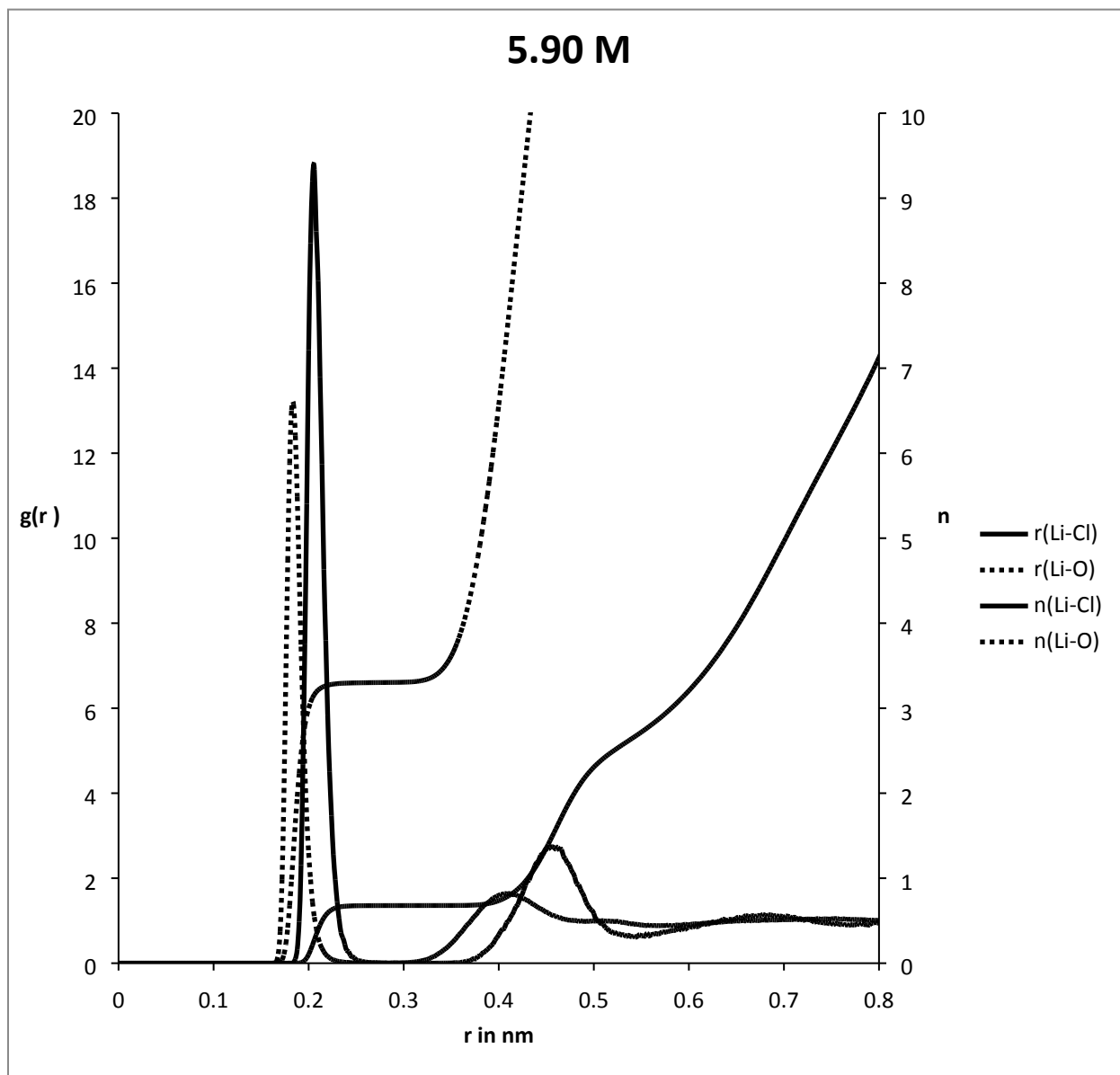
1 Figure 4. RDF Plot for 3.364 M concentration of LiCl solution



2

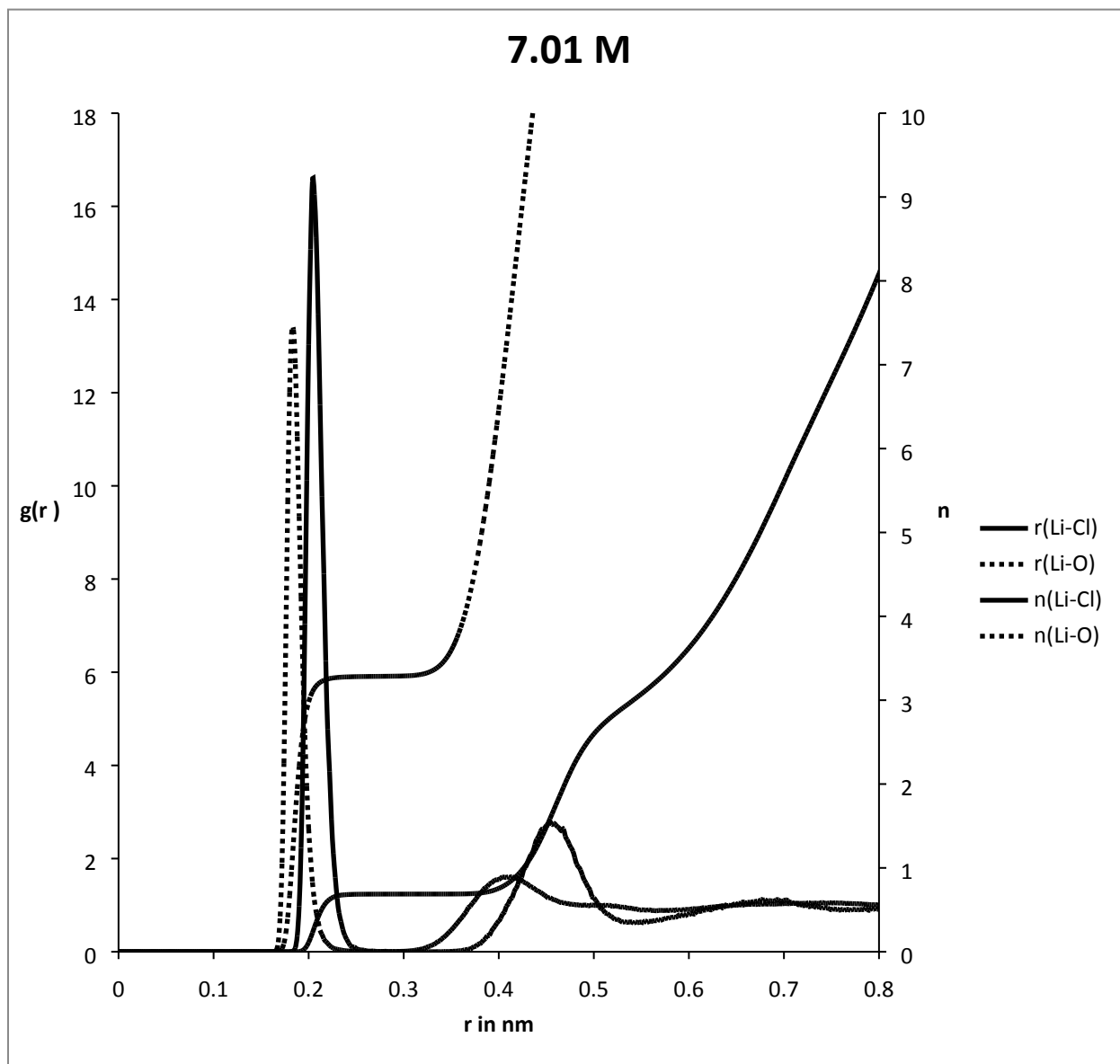
3

1 Figure 5. RDF Plot for 5.90 M concentration of LiCl solution



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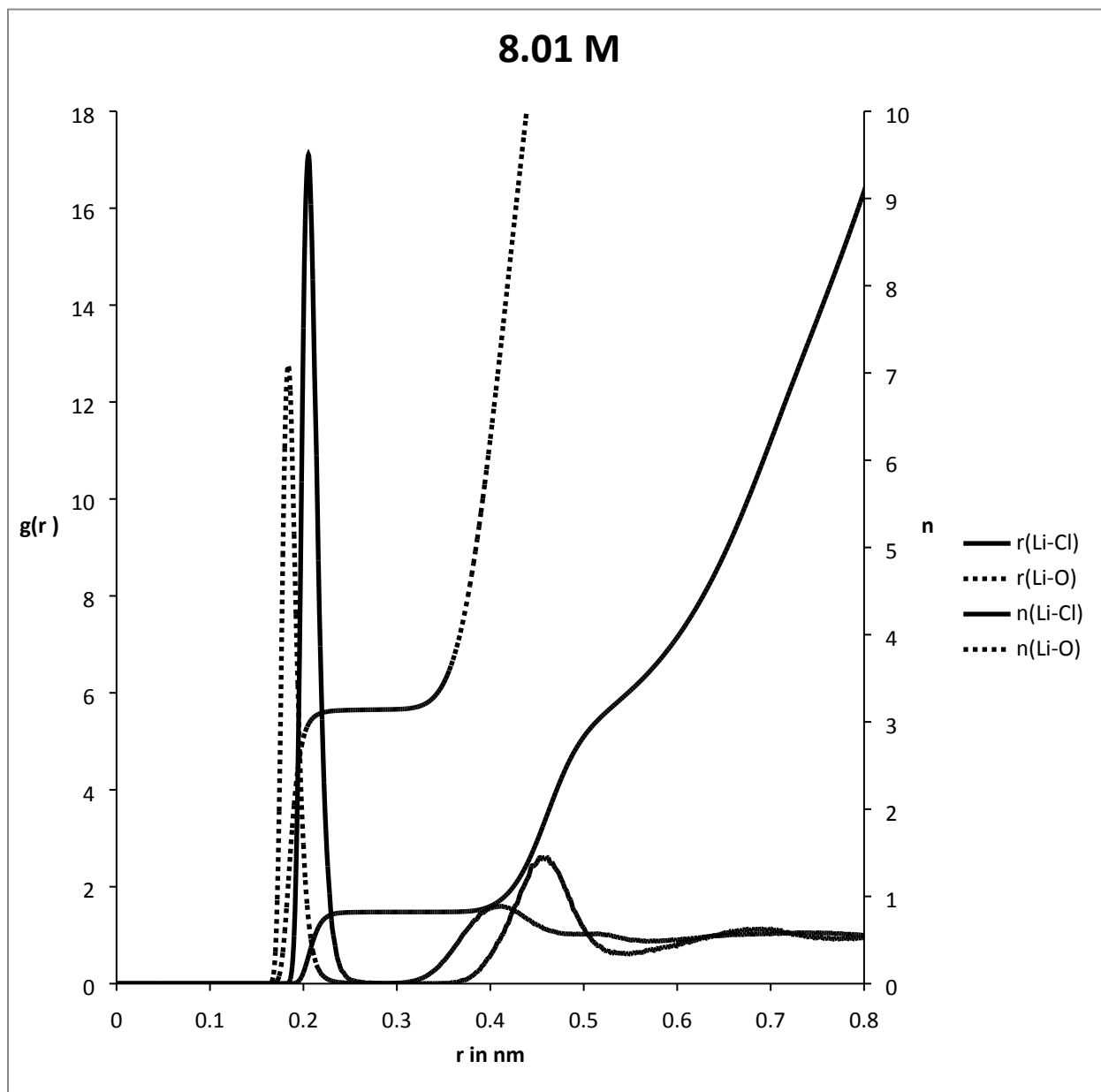
1 Figure 6. RDF Plot for 7.01 M concentration of LiCl solution



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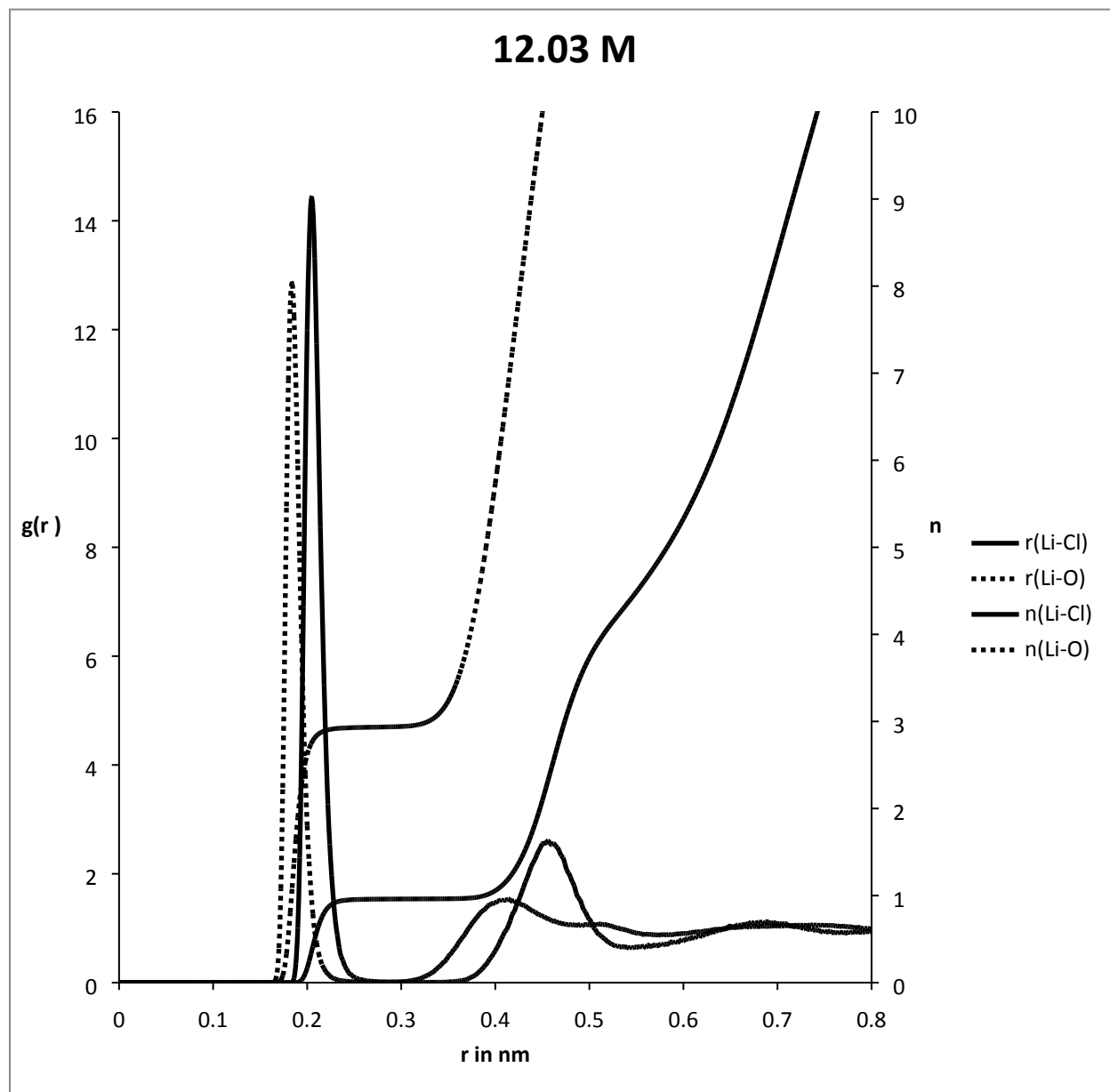
1 Figure 7. RDF Plot for 8.01 M concentration of LiCl solution



2

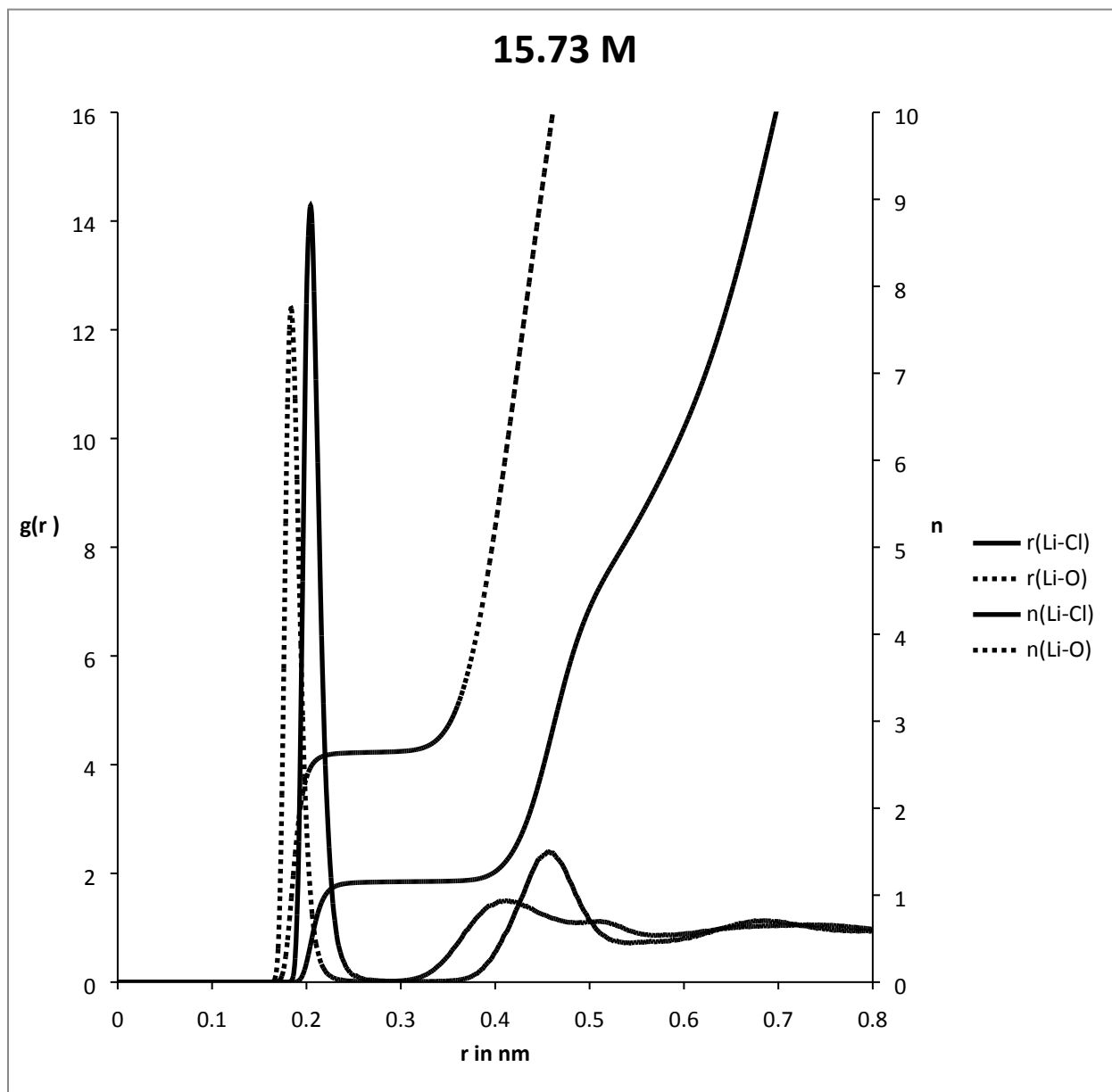
3

1 Figure 8. RDF Plot for 12.03 M concentration of LiCl solution



2

1 Figure 9. RDF Plot for 15.73 M concentration of LiCl solution

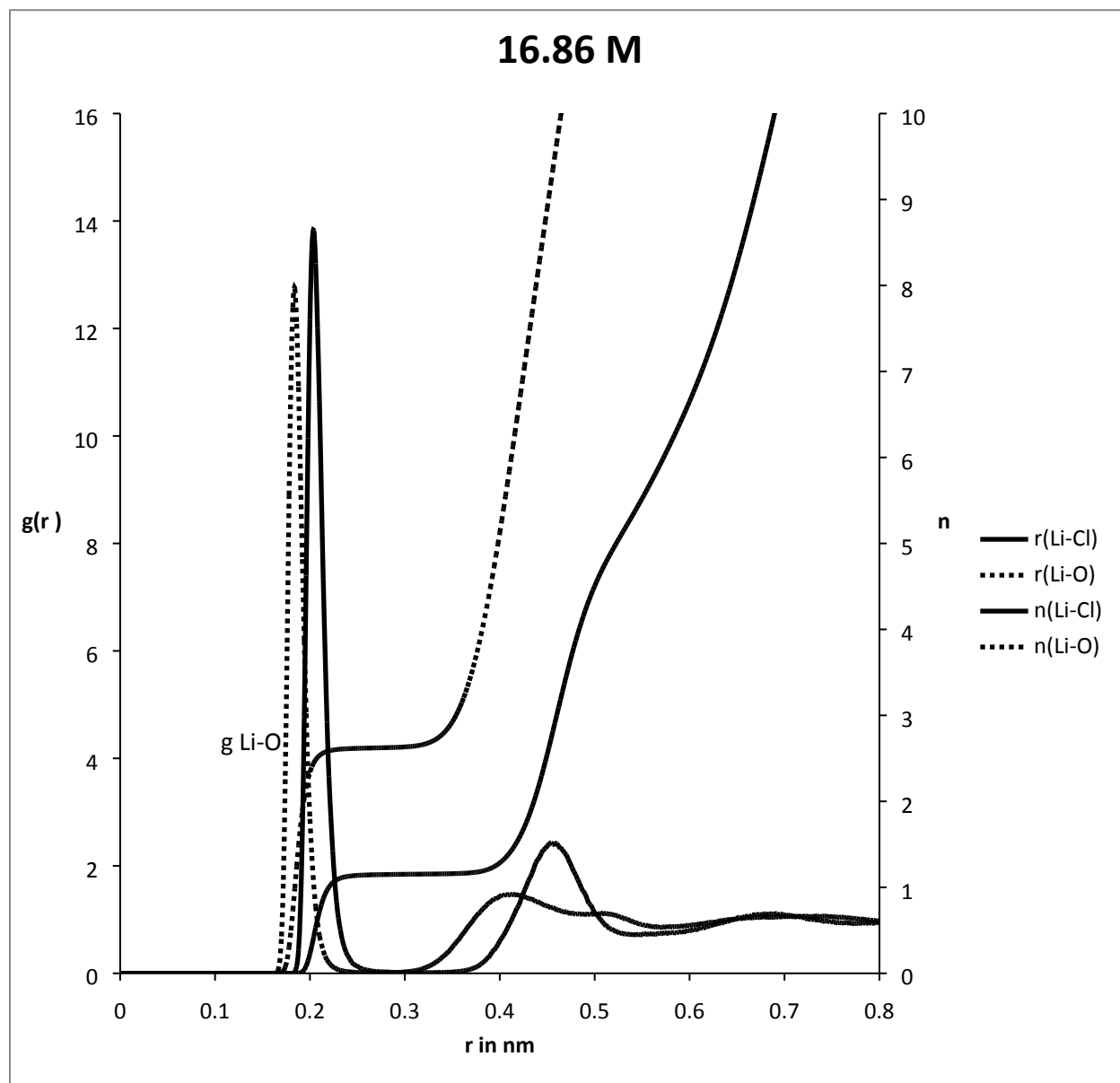


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1 **Figure 10. RDF Plot for 16.86 M concentration of LiCl solution**

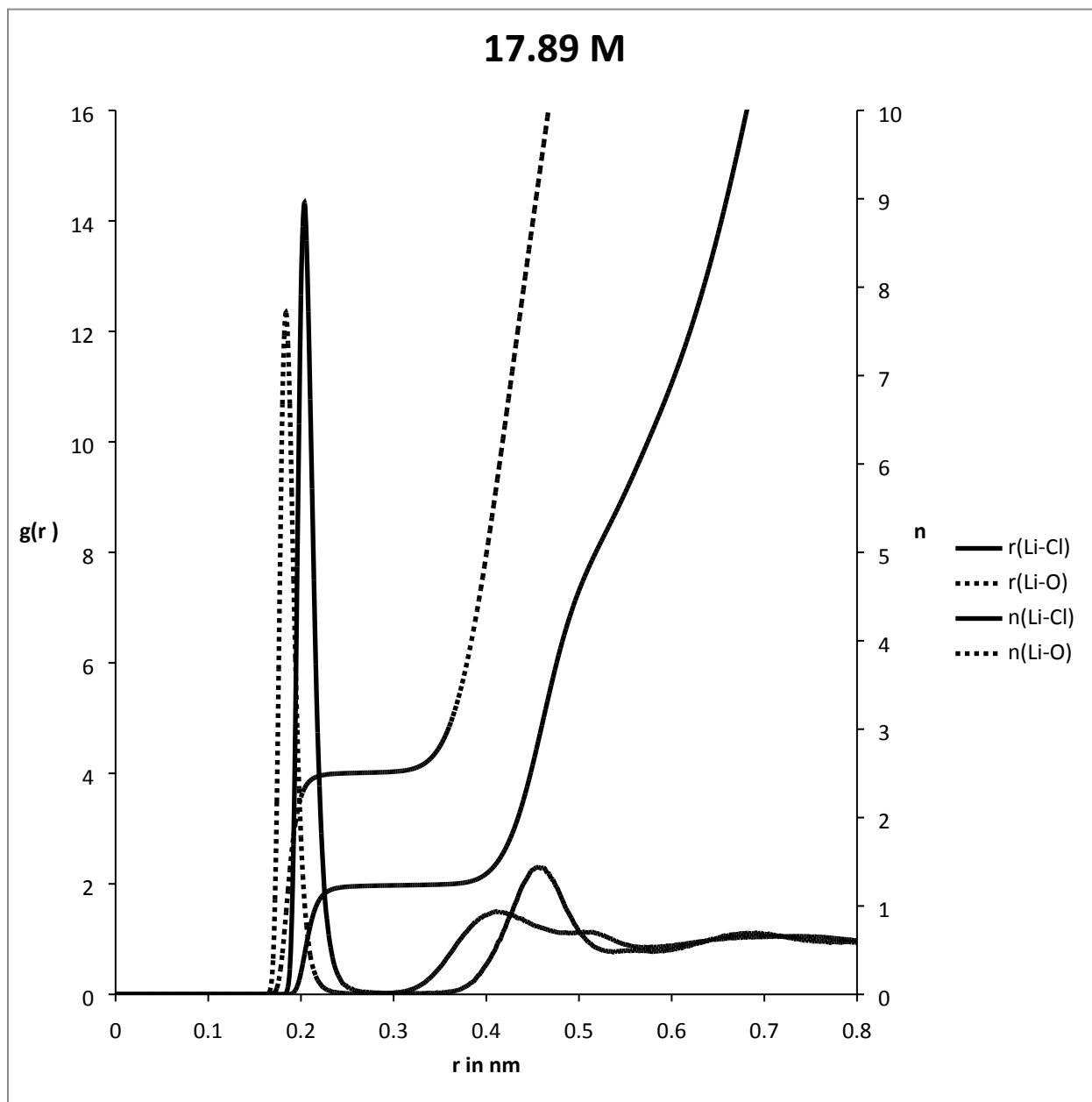
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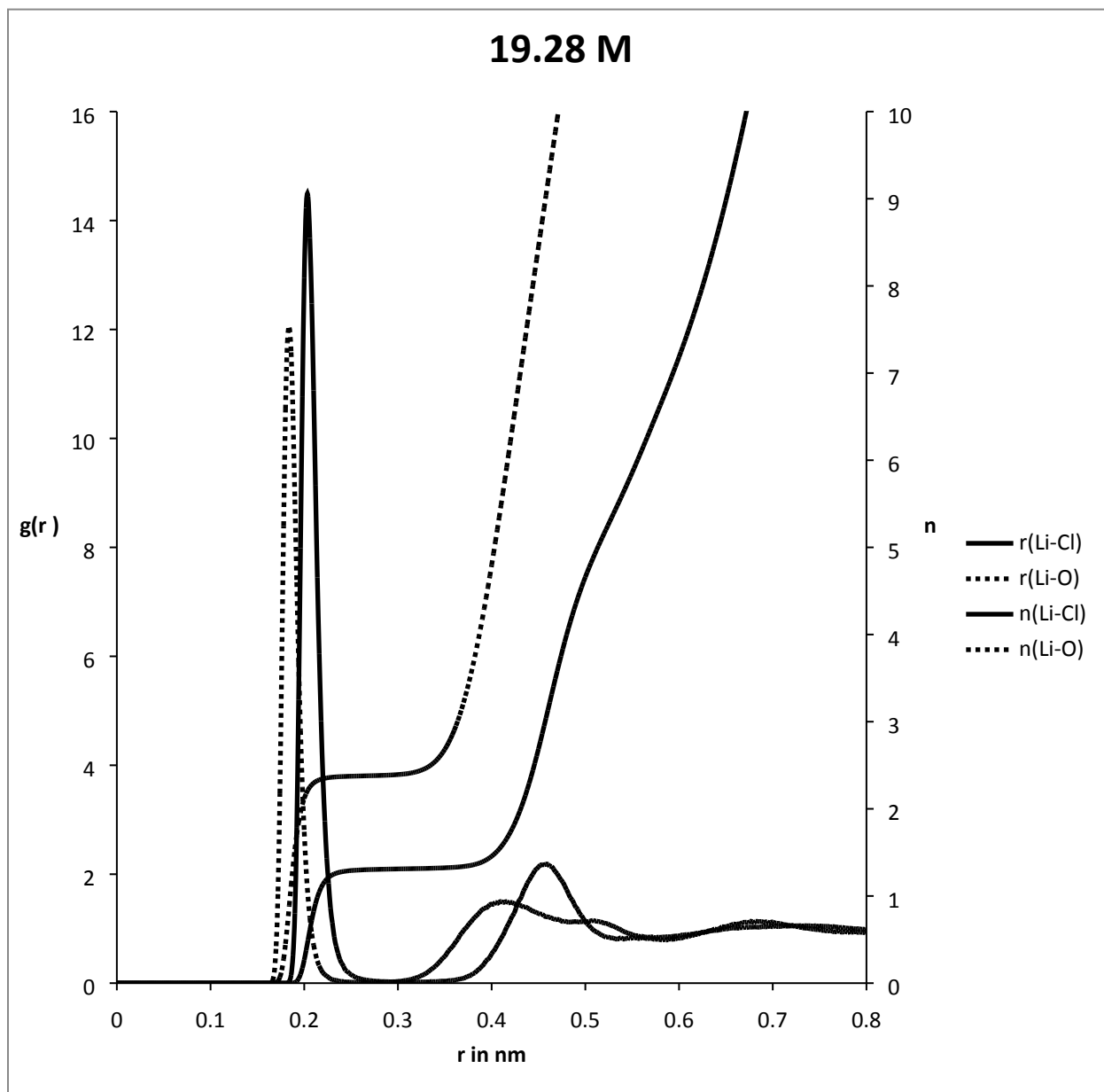
1 Figure 11. RDF Plot for 17.89 M concentration of LiCl solution



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1 Figure 12. RDF Plot for 19.28 M concentration of LiCl solution



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- 1 Figure 13. The quantitative comparison of RDF plots from experimental data, Aragonés
- 2 simulation and current work, a plot of peak height versus concentration

