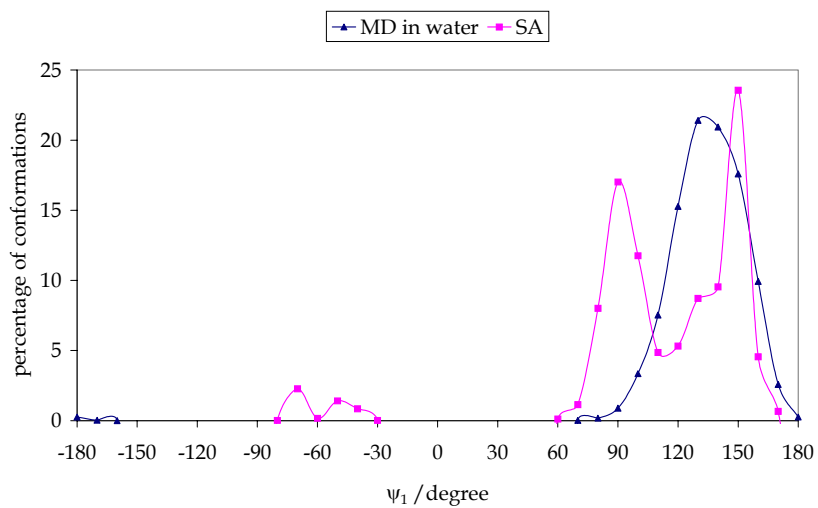


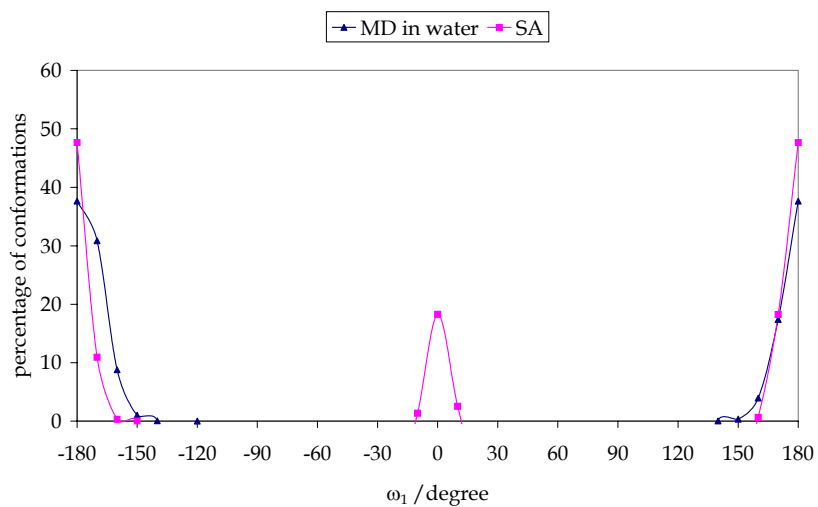
**Results of the Probability Distribution  
Function of Dihedral Angles for the  
Simulations on Substance P**



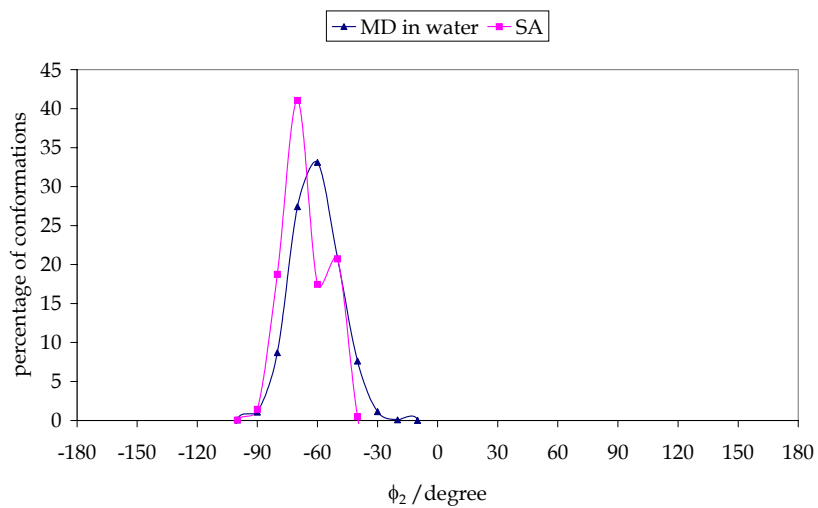
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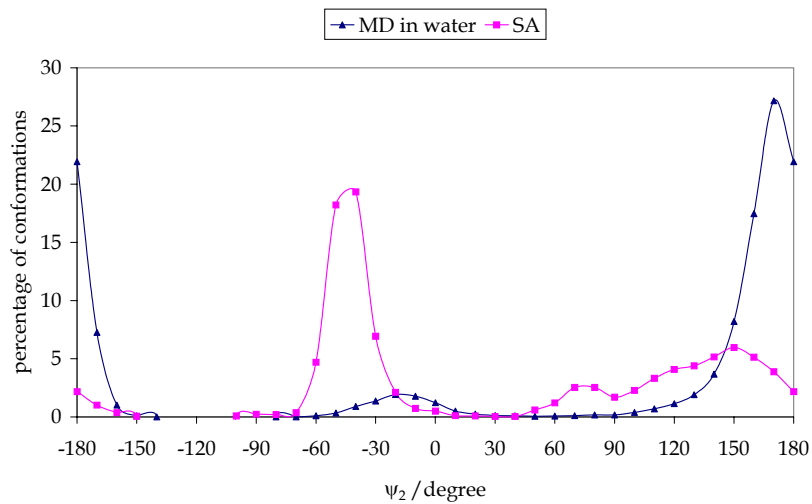


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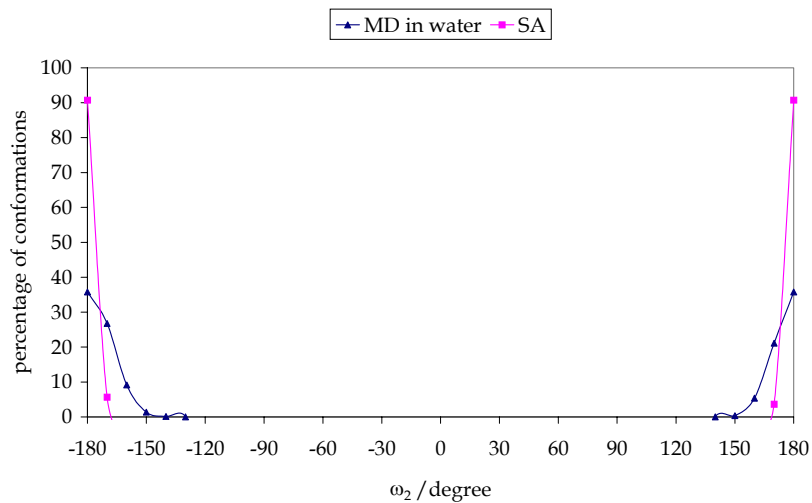


**Figure A.1.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

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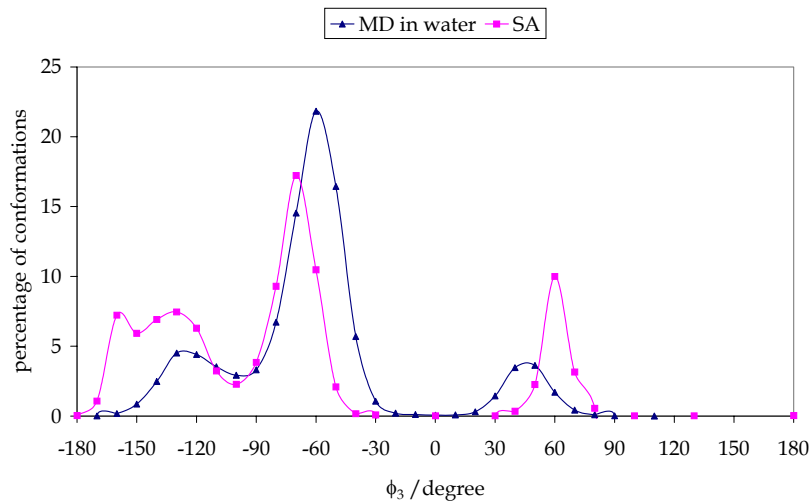
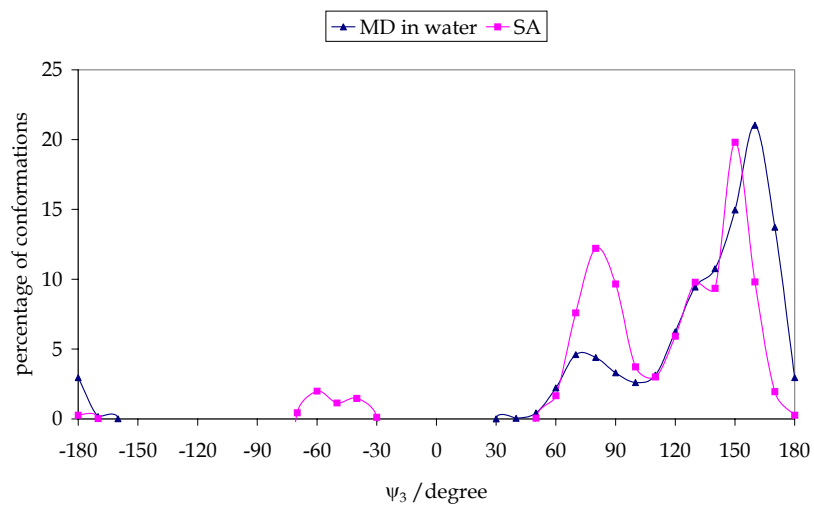
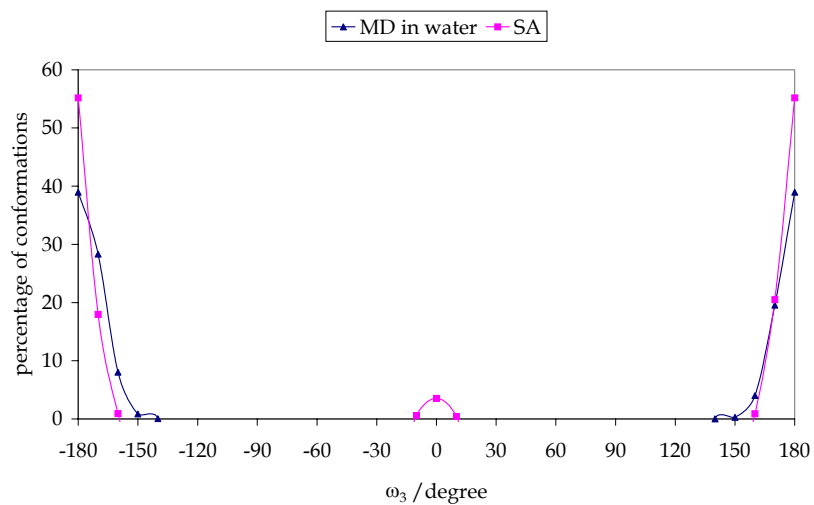


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

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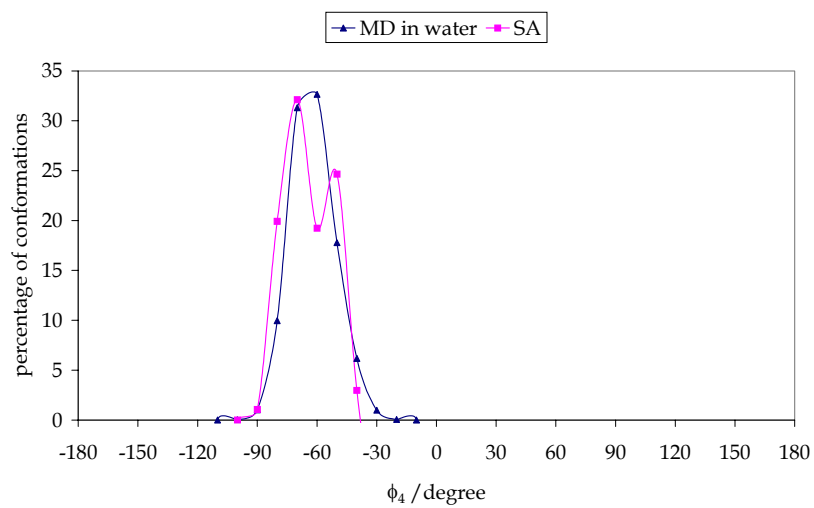
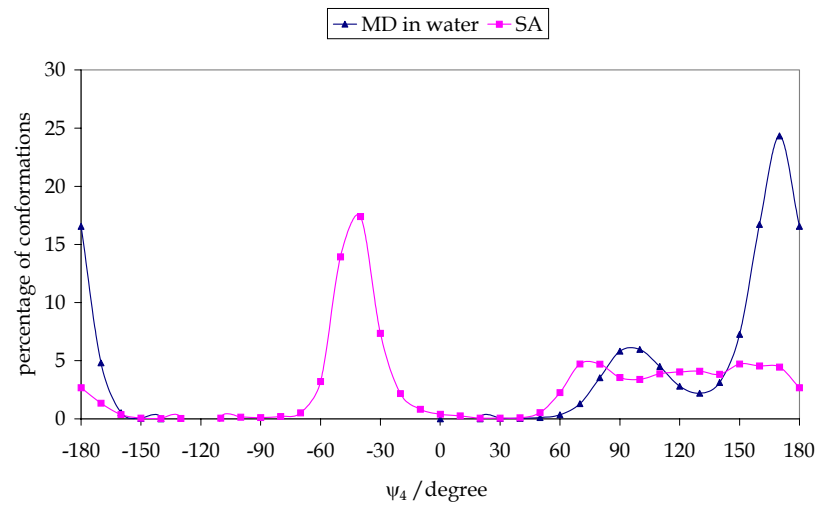
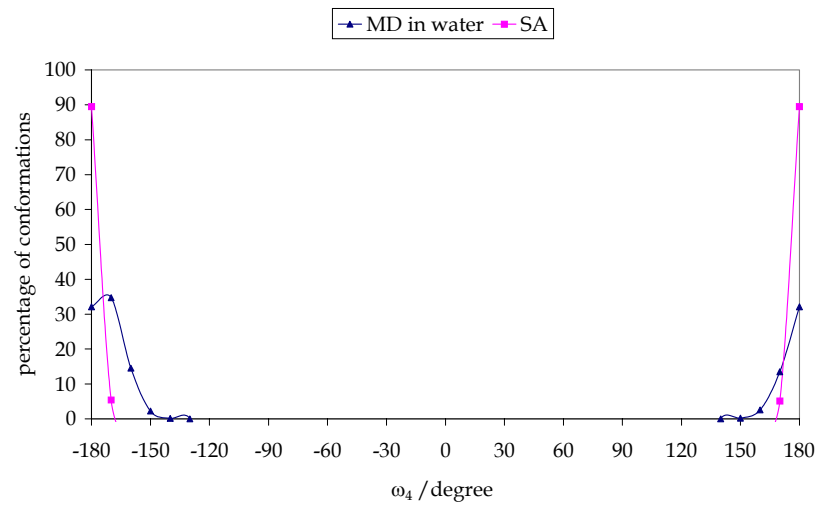


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

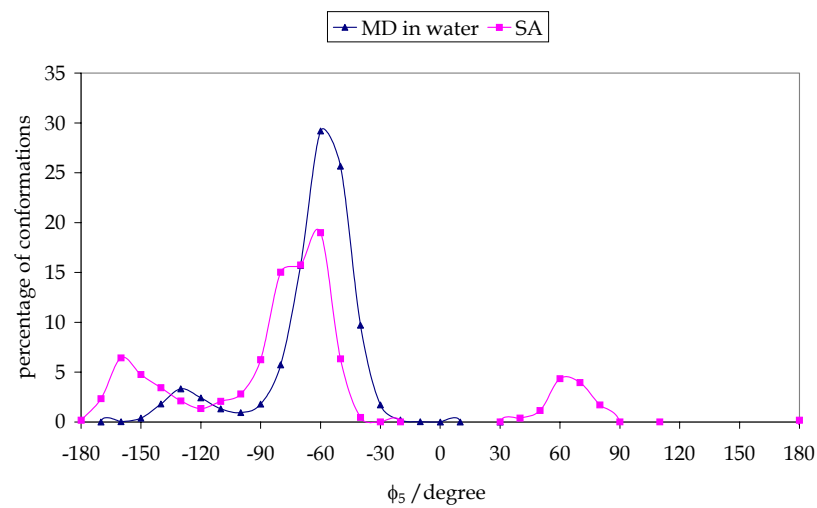
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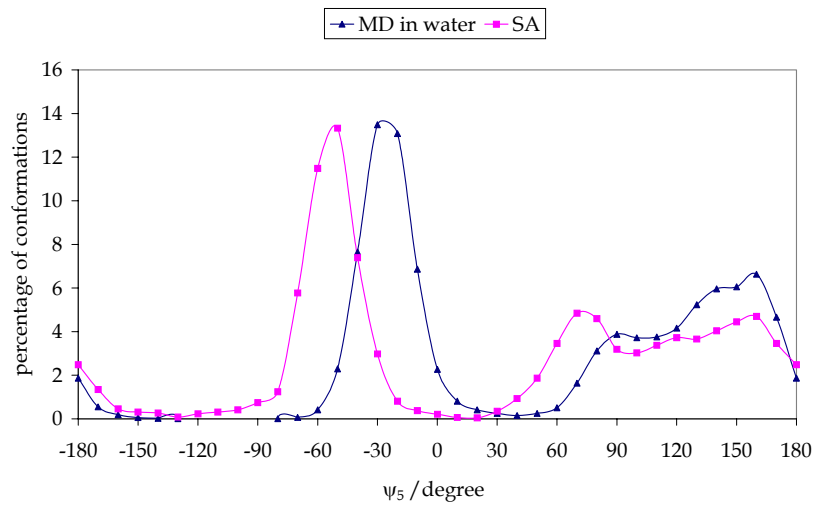


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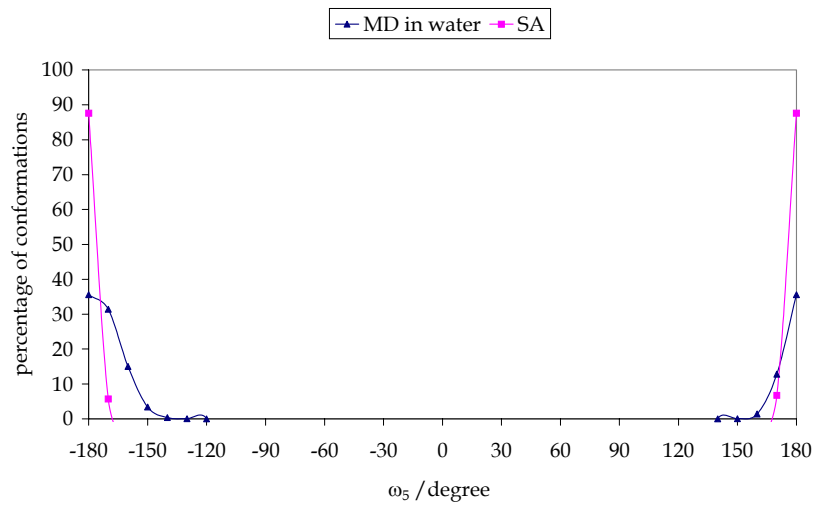


**Figure A.1.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

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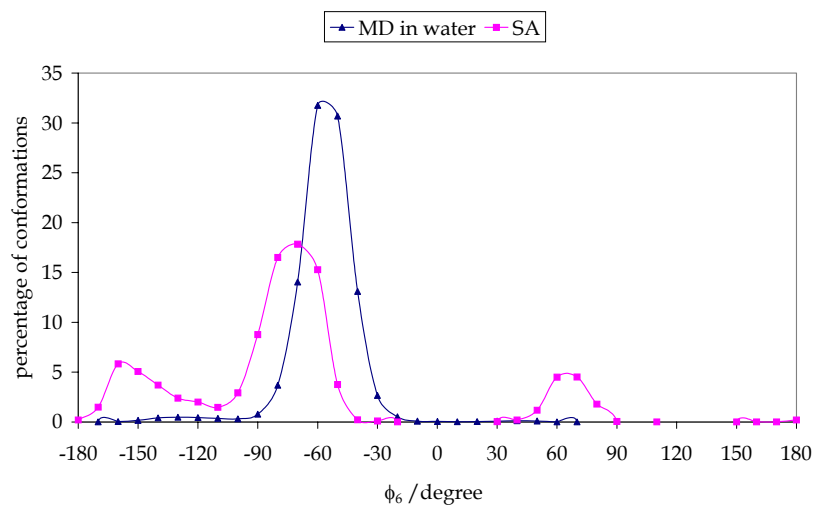
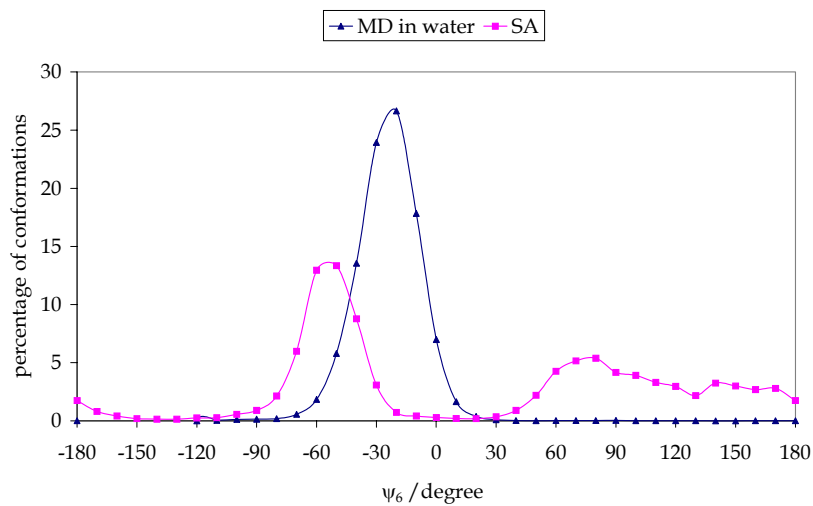
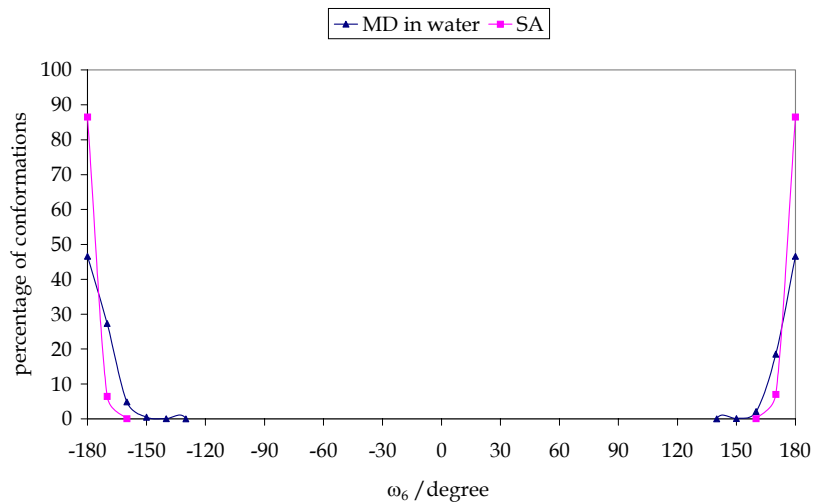


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

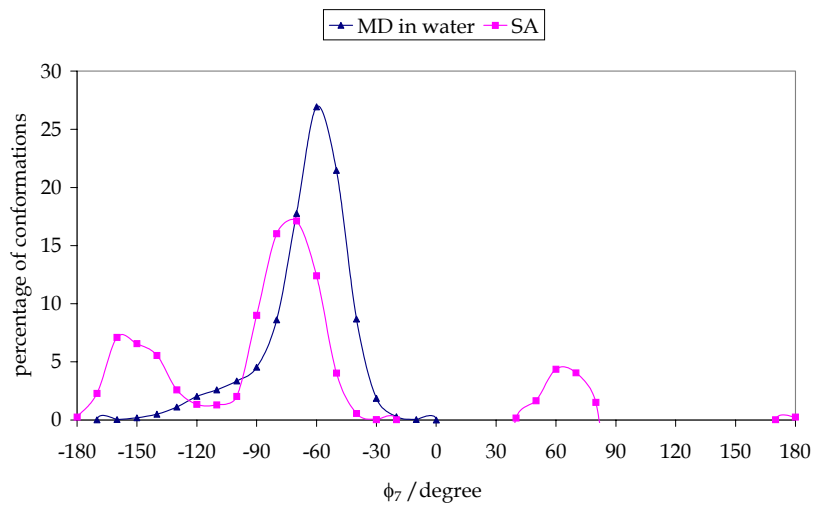
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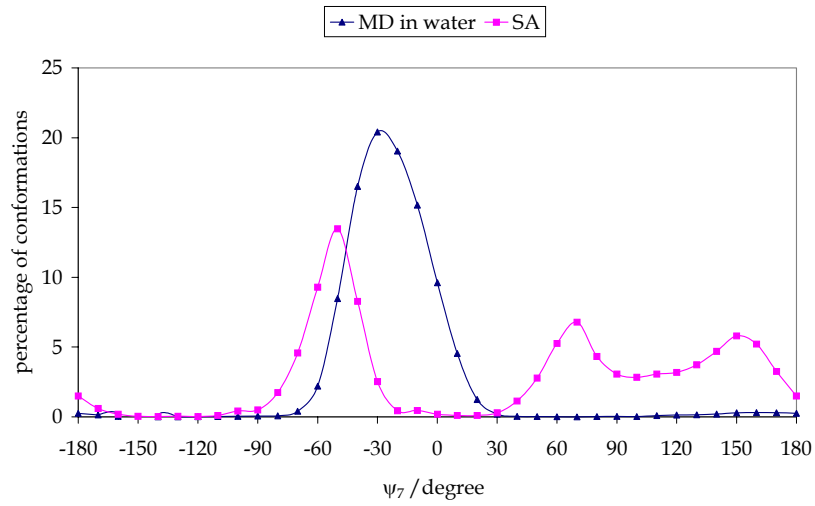
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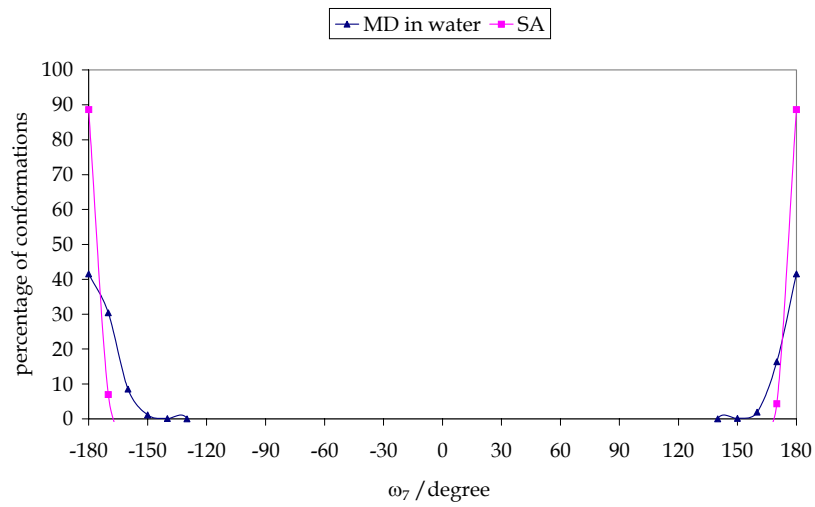
**Figure A.1.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.



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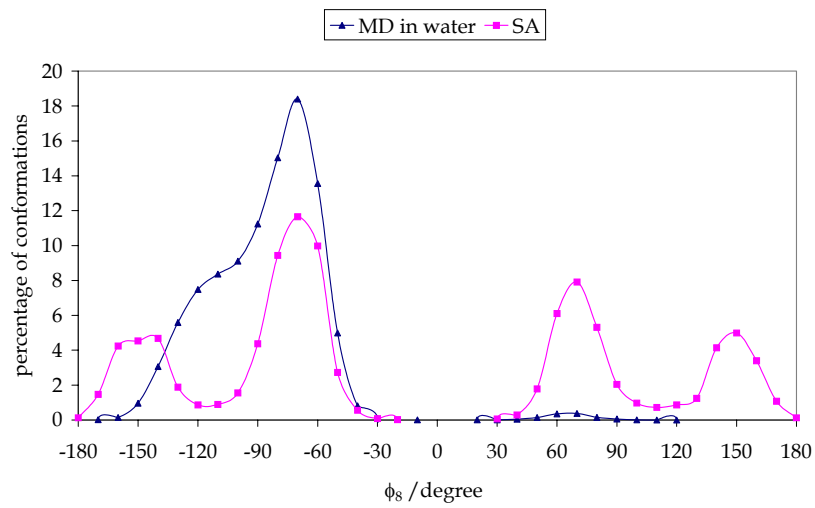
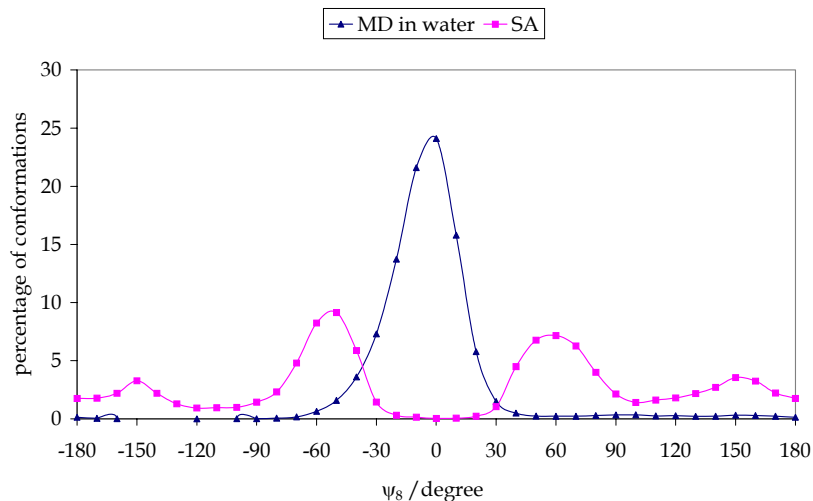
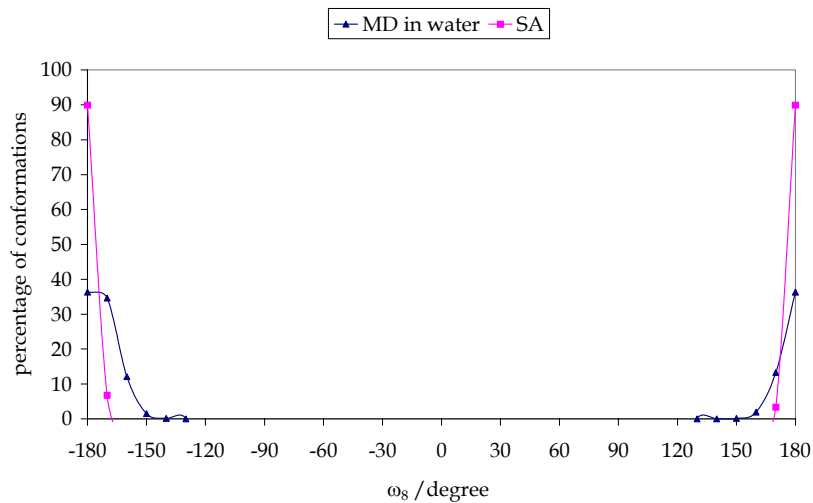


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

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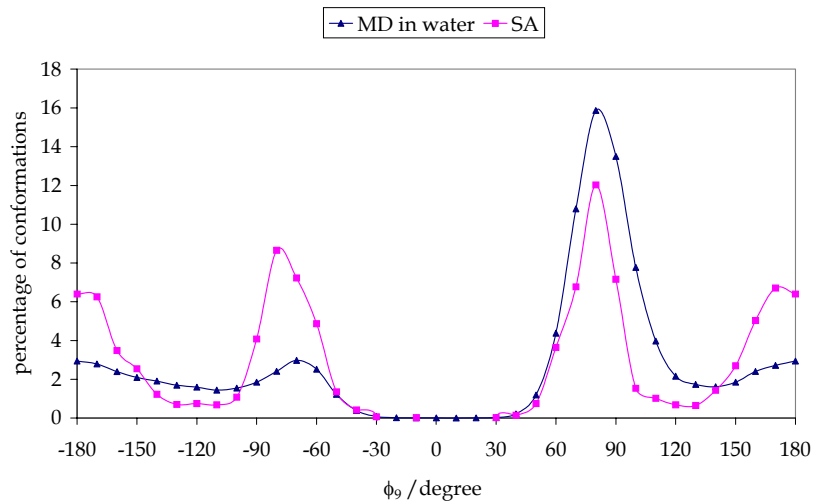
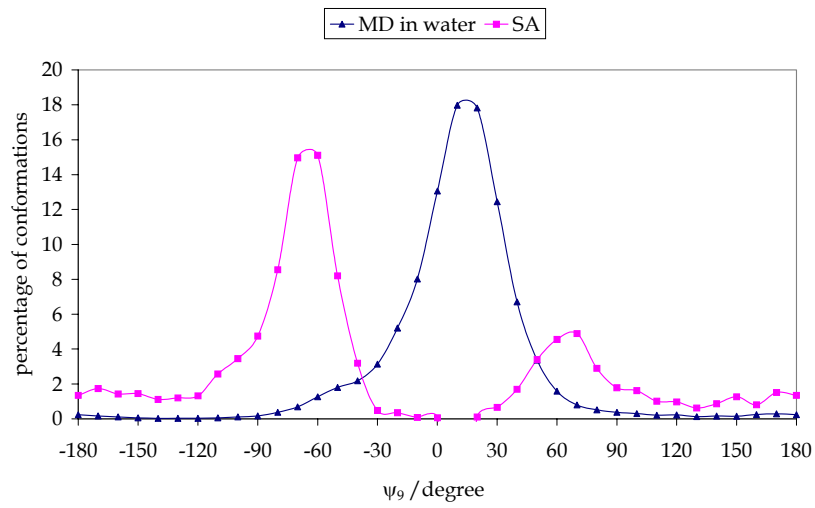
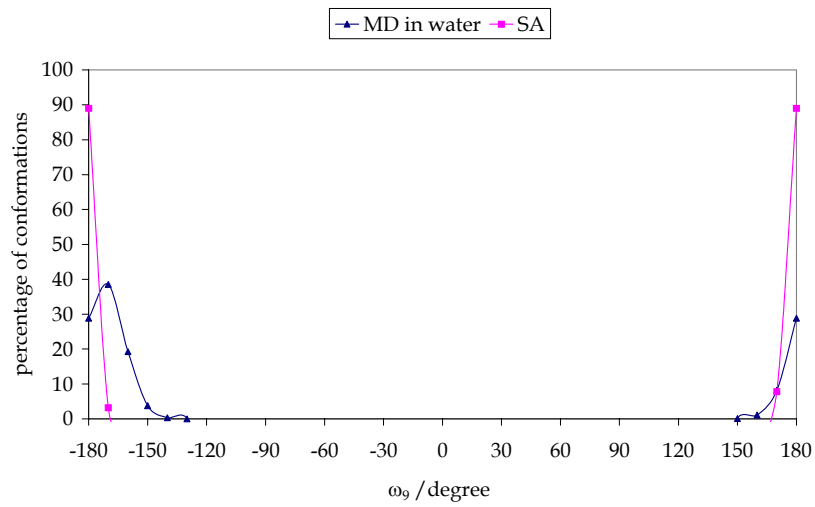


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

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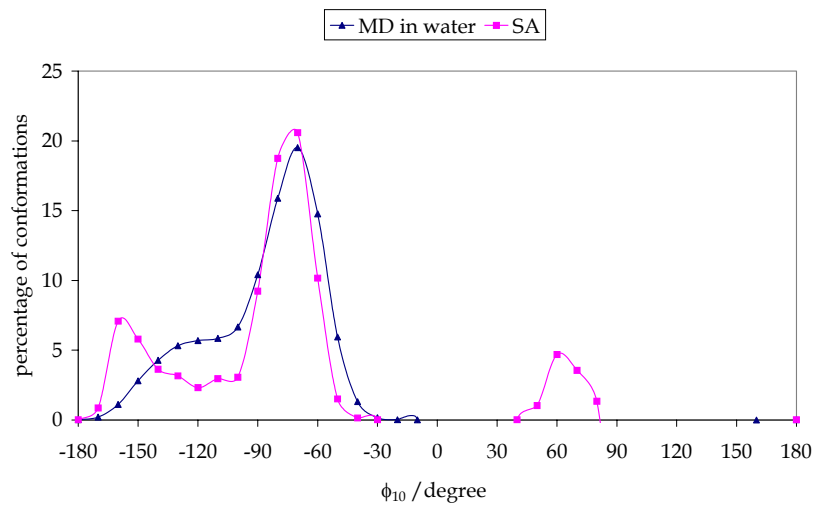
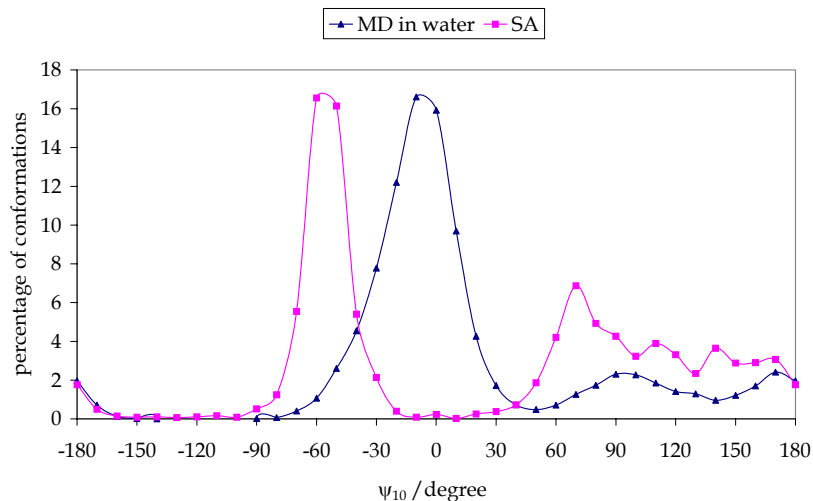
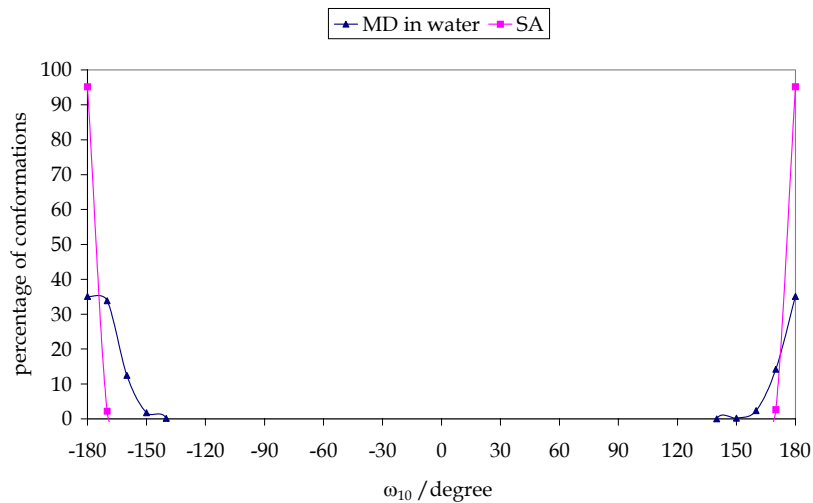


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

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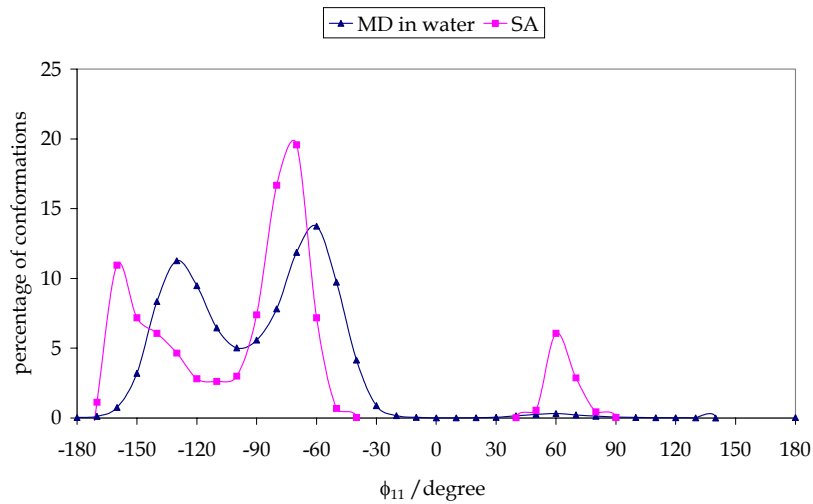
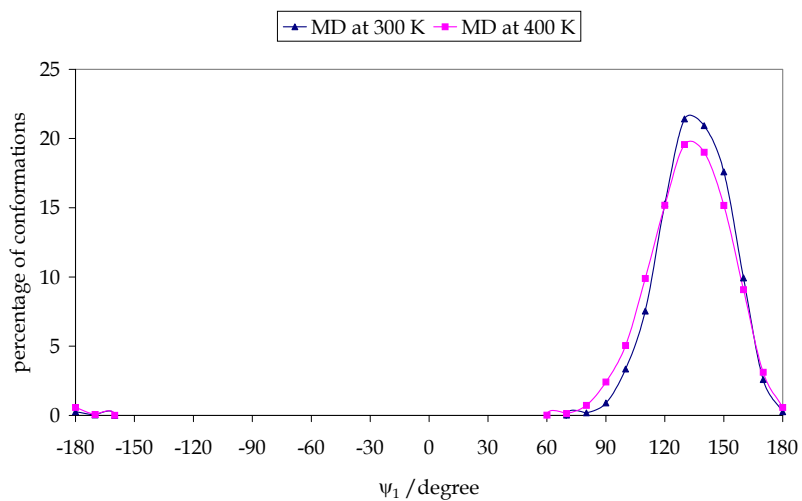
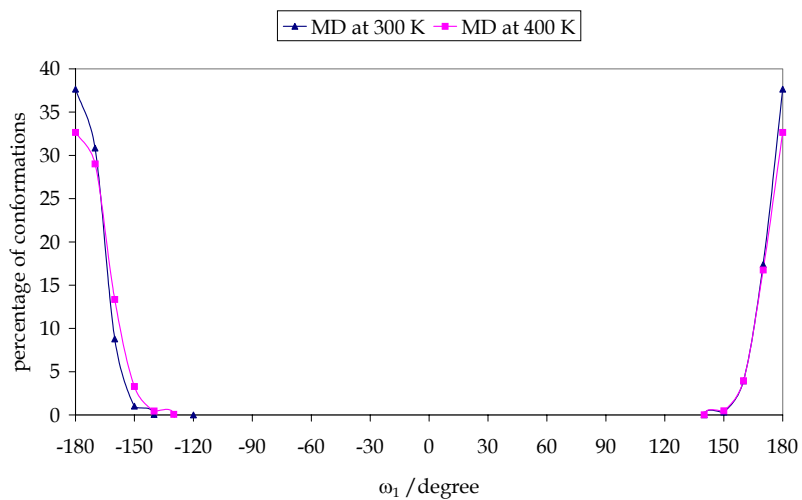


Figure A.1. Probability distribution function of dihedral angles for SPOH in MD at 300 K and SA.

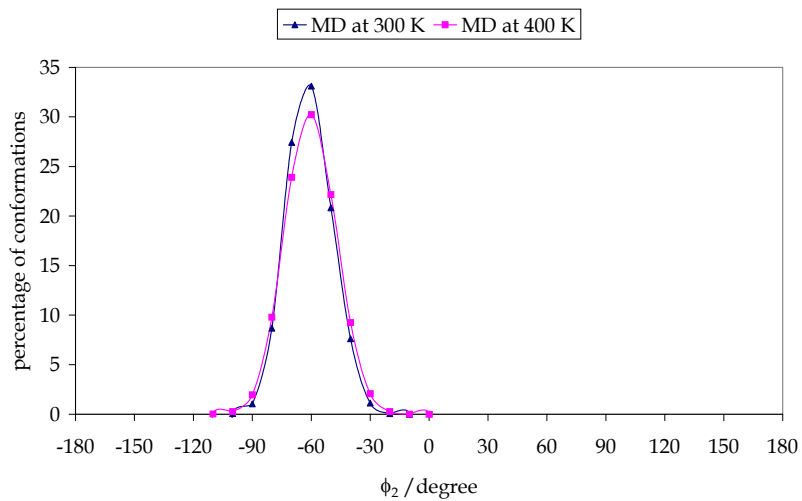
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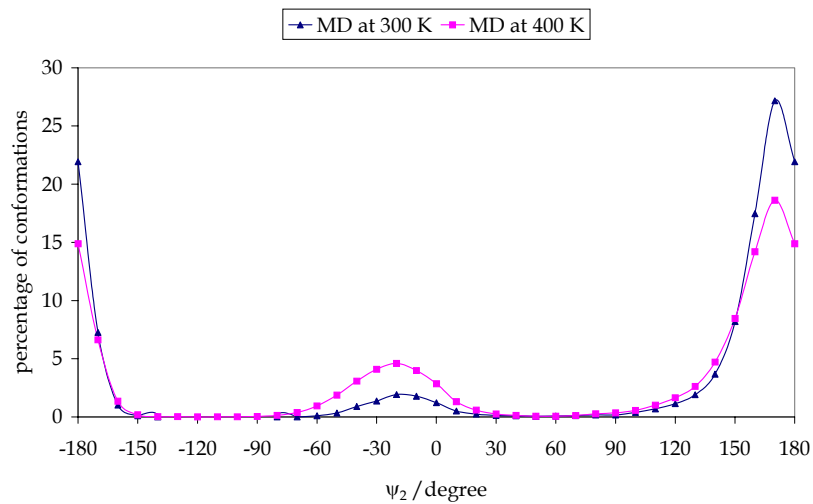


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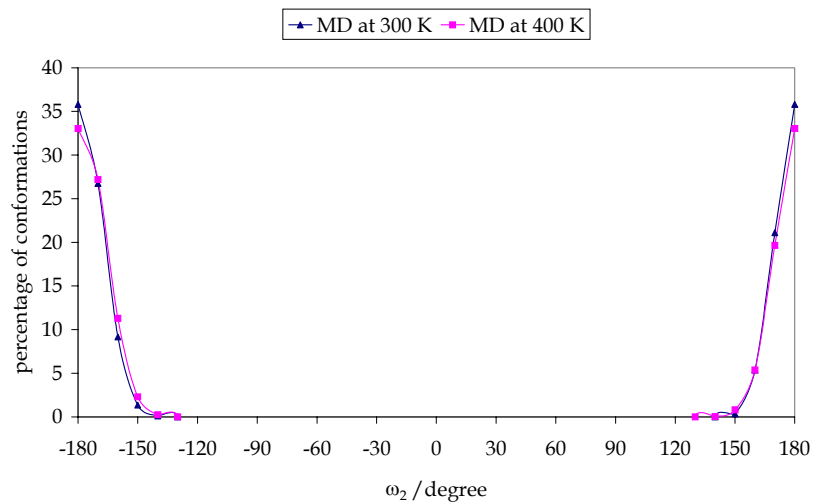


**Figure A.2.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

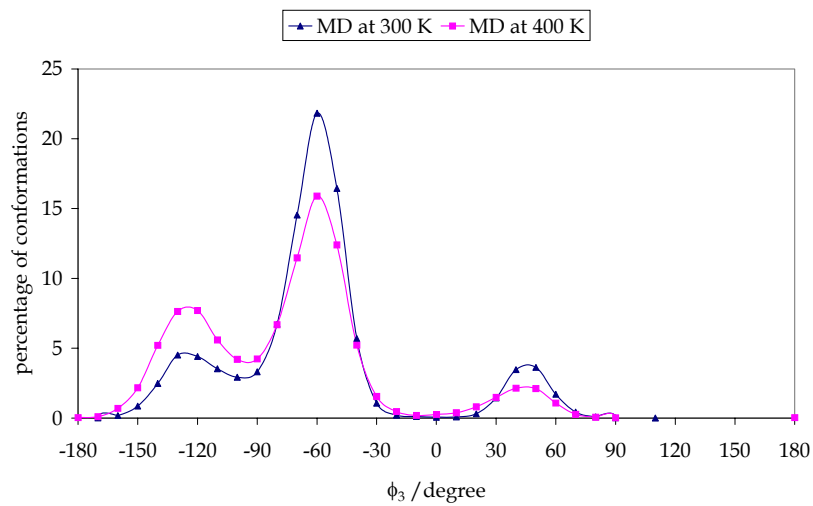
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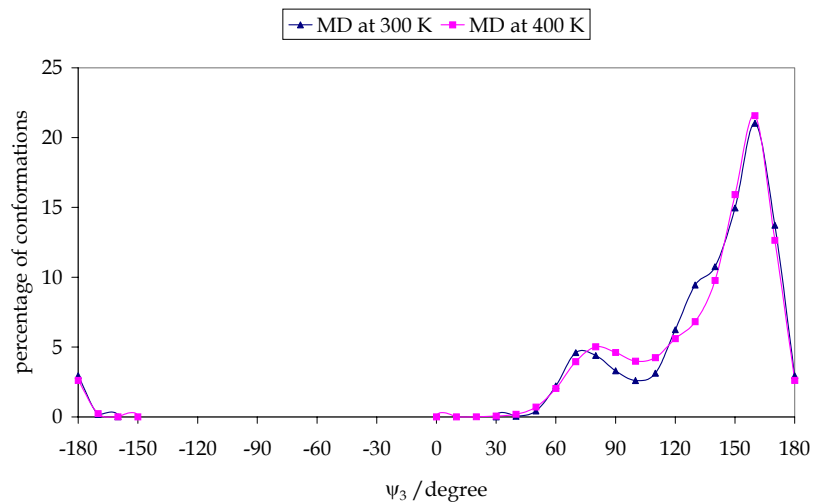


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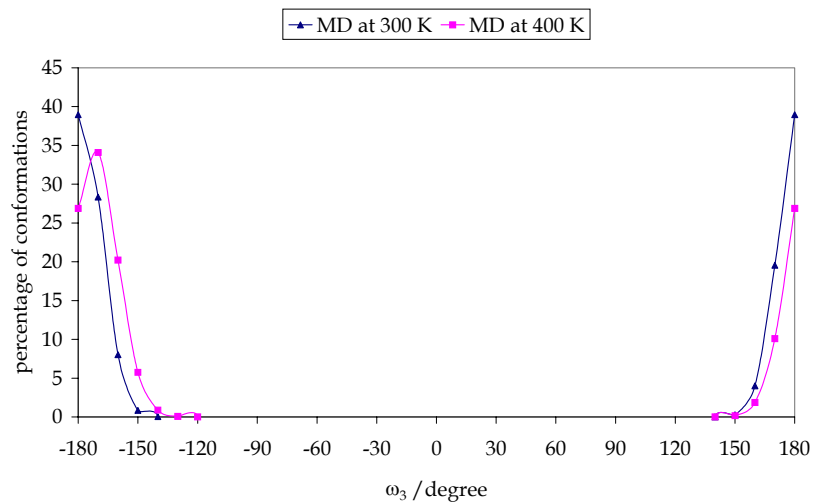


**Figure A.2.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

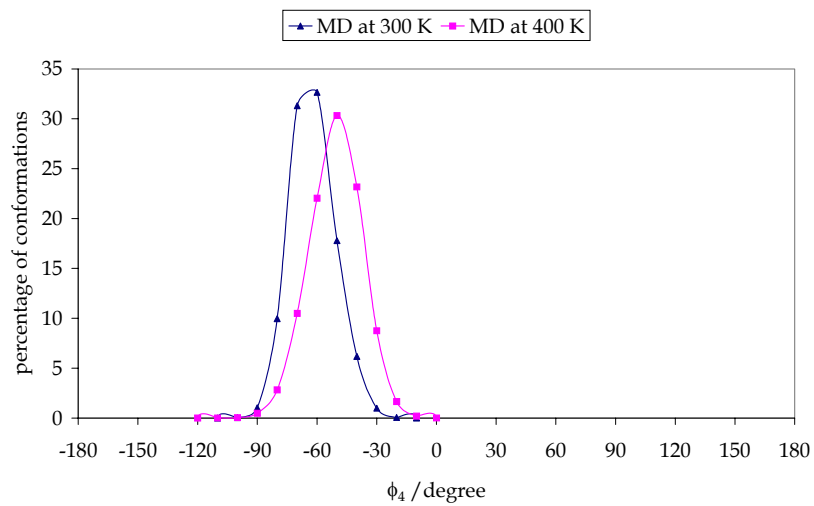
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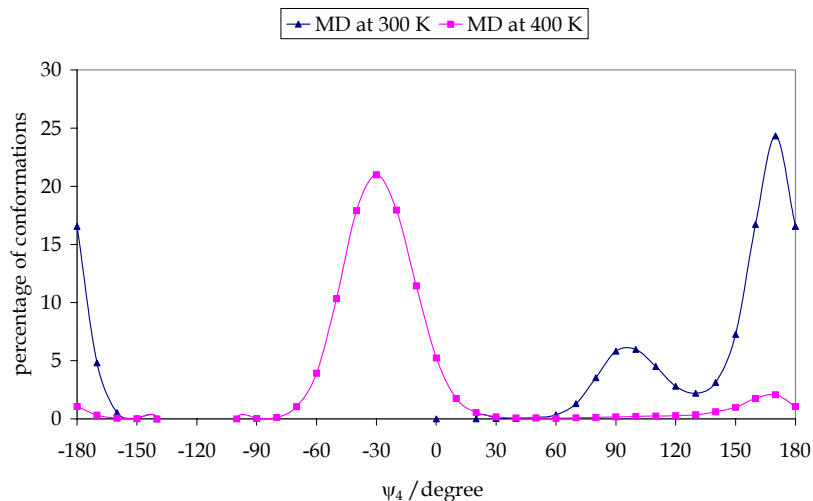


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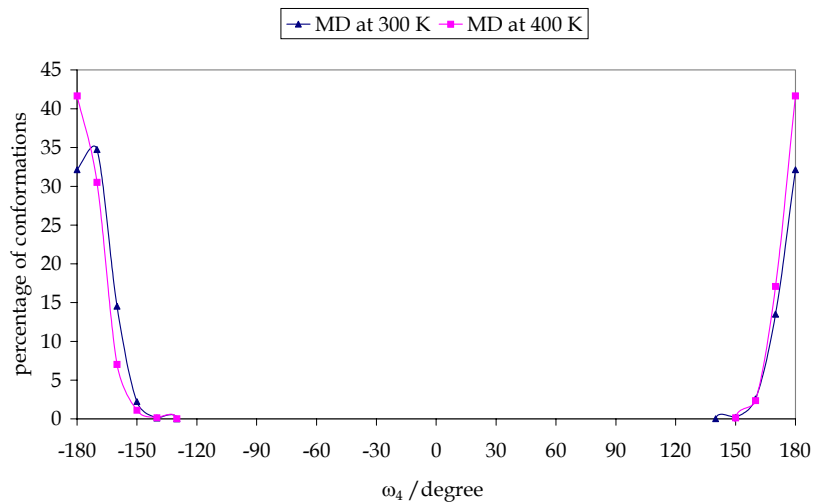


**Figure A.2.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

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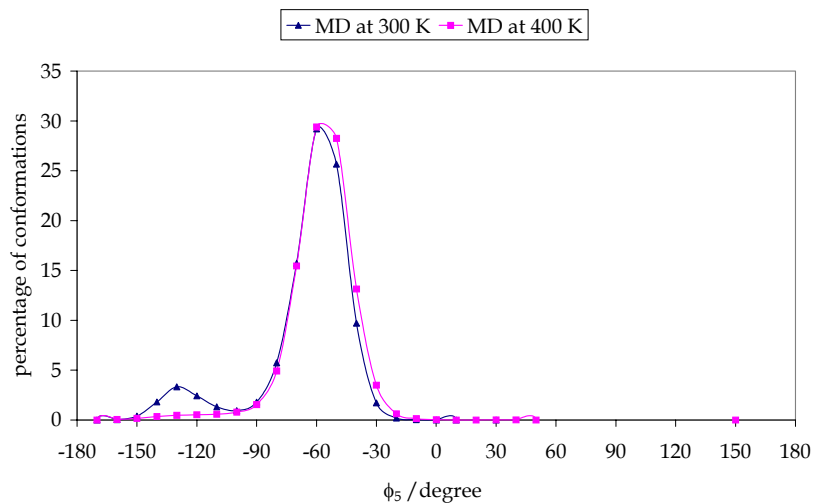
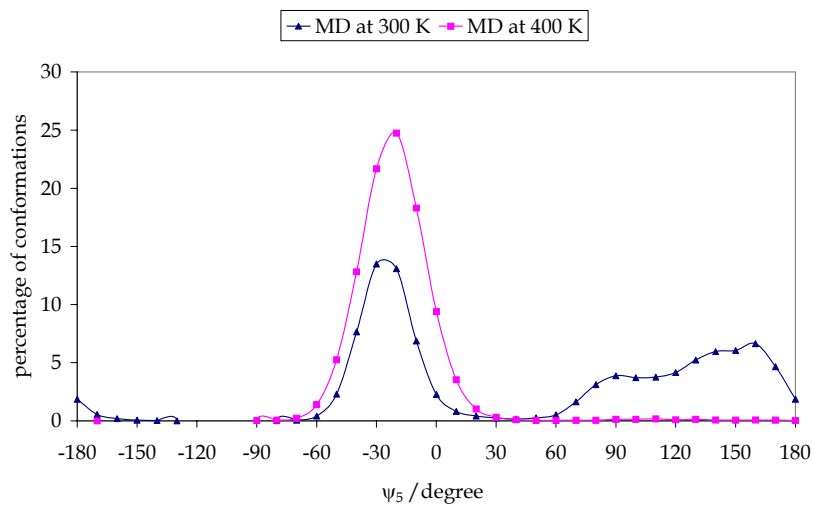


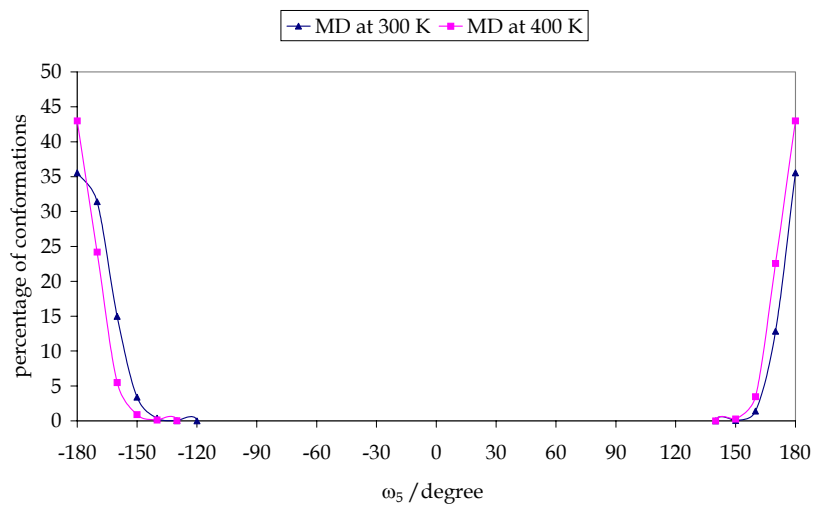
Figure A.2. Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.



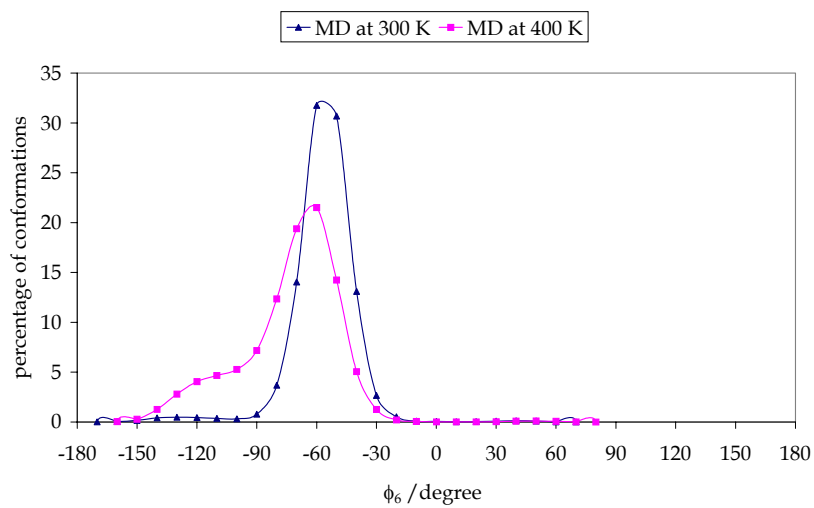
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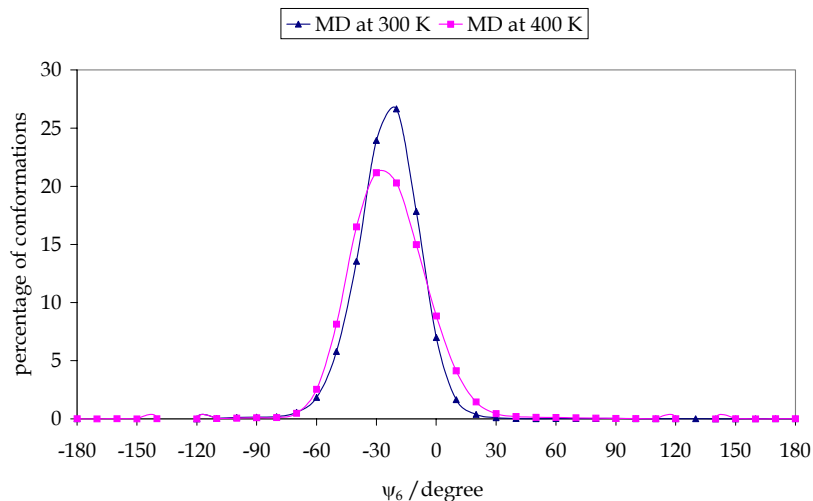


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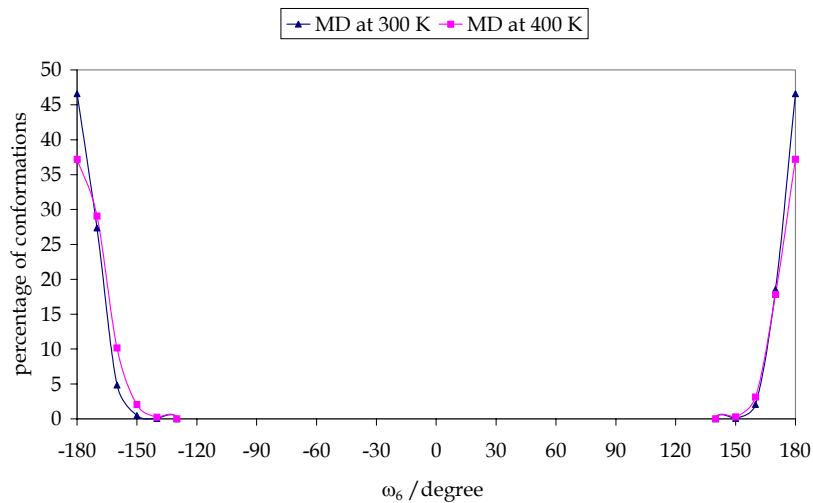


**Figure A.2.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

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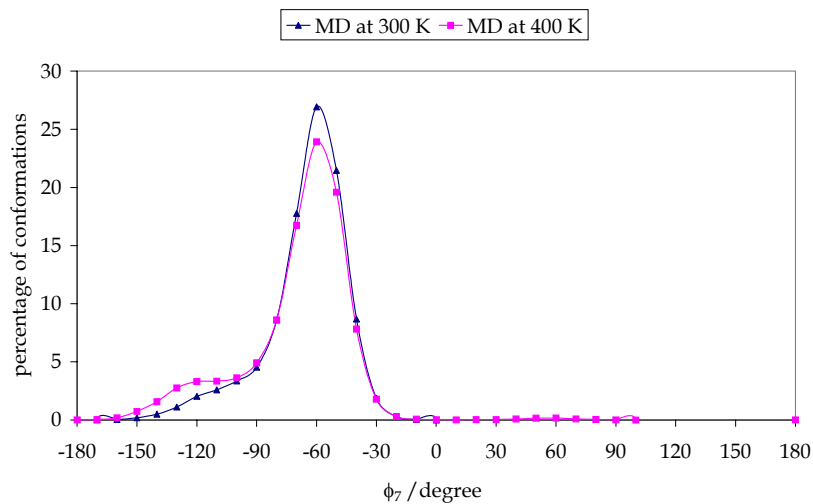
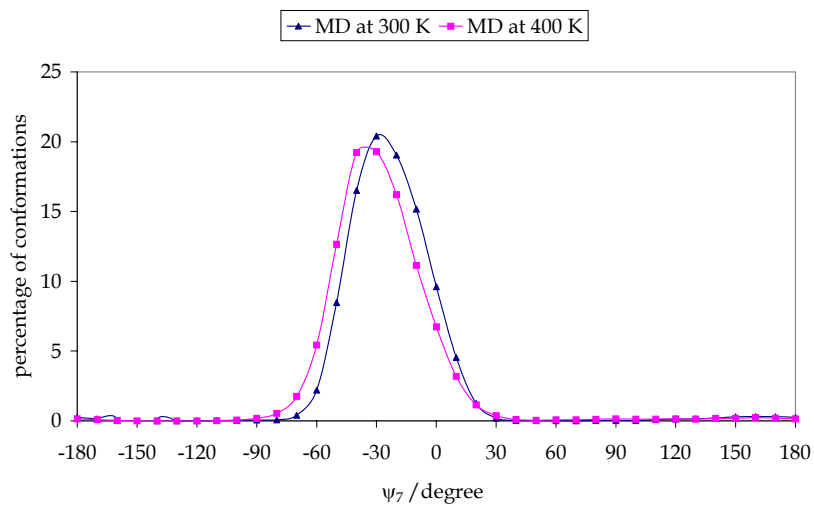
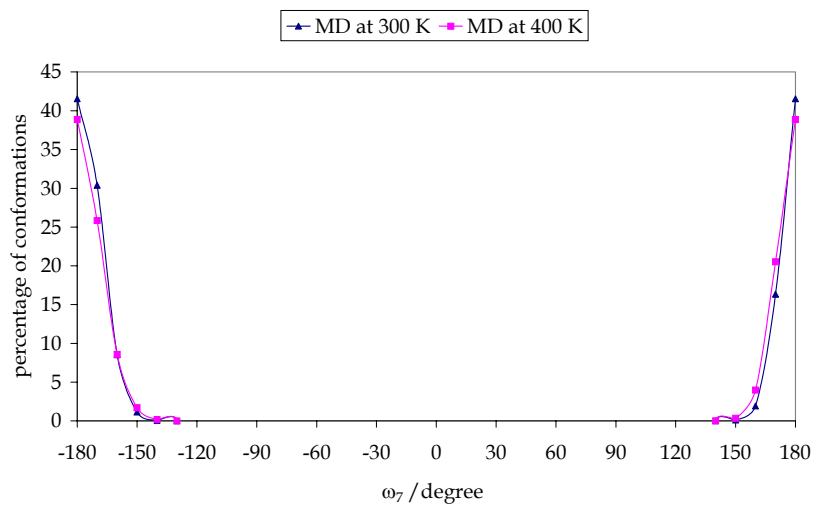


Figure A.2. Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

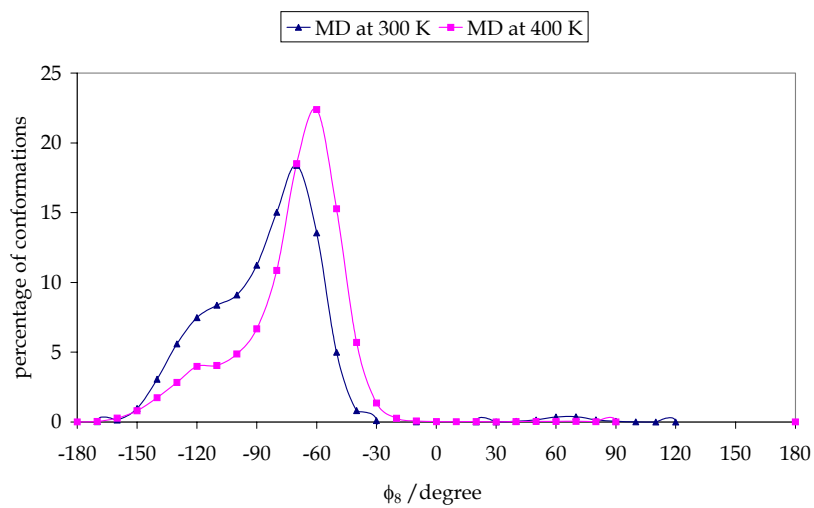
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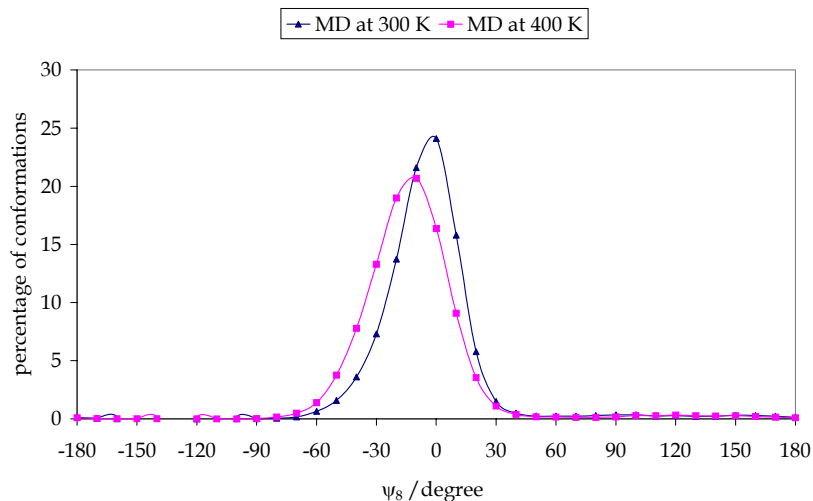


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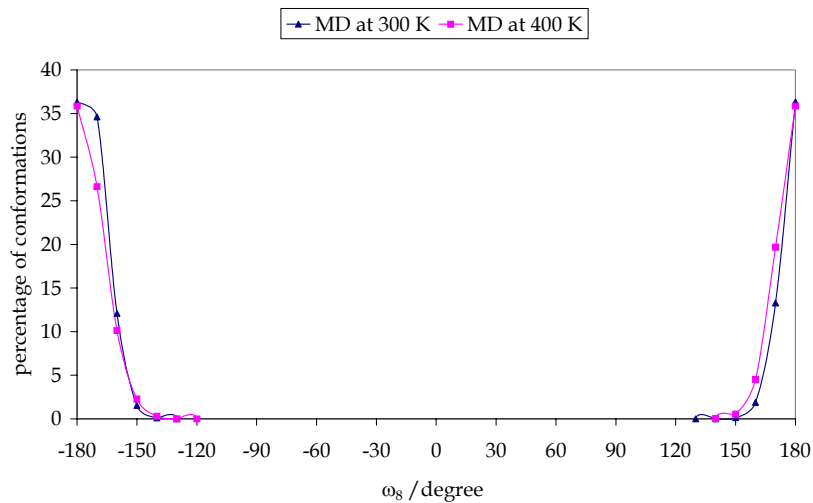


**Figure A.2.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

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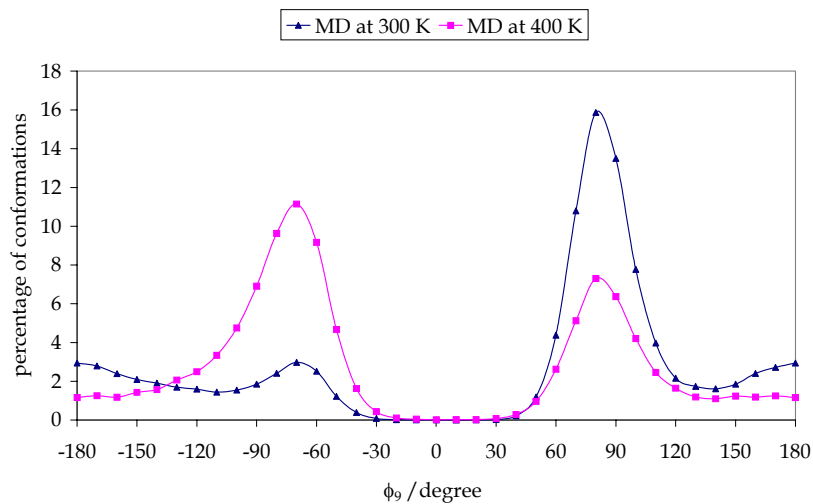
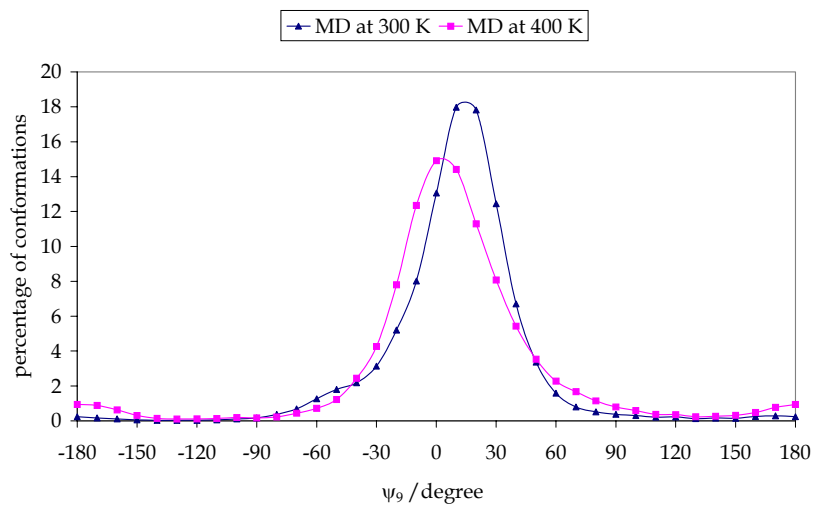
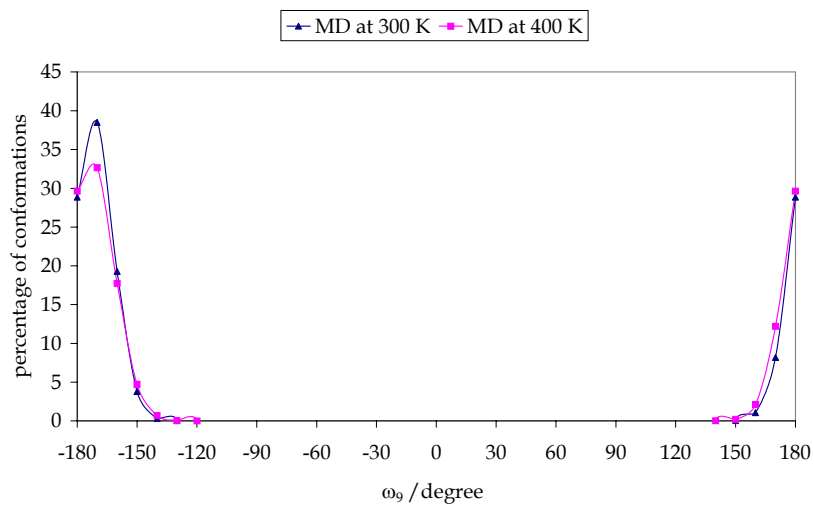


Figure A.2. Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

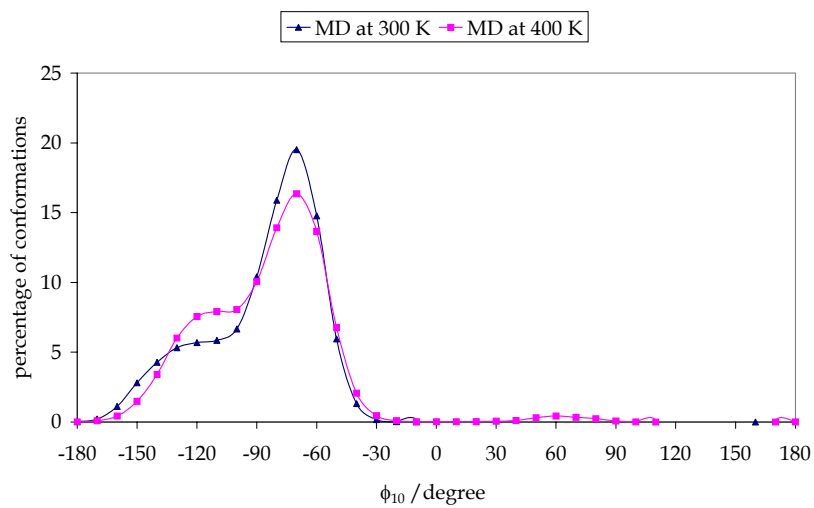
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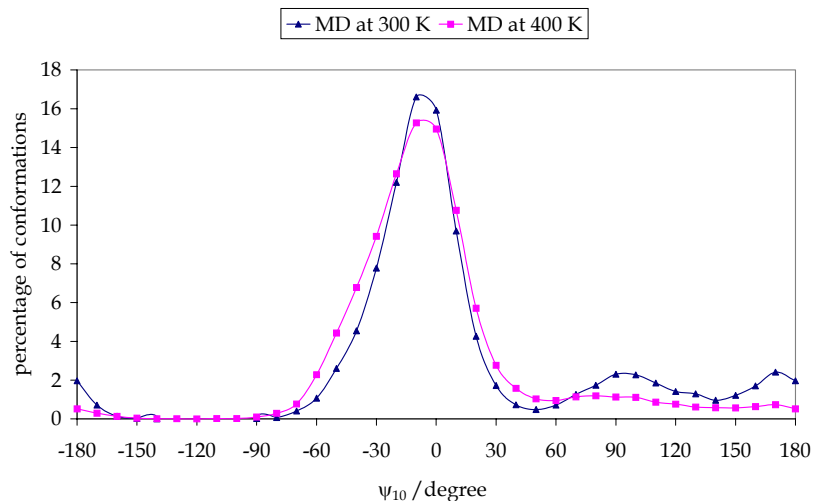


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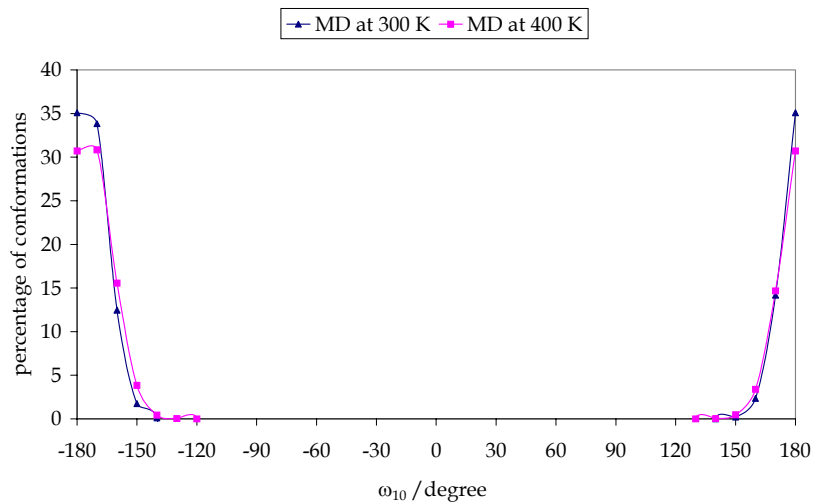


**Figure A.2.** Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

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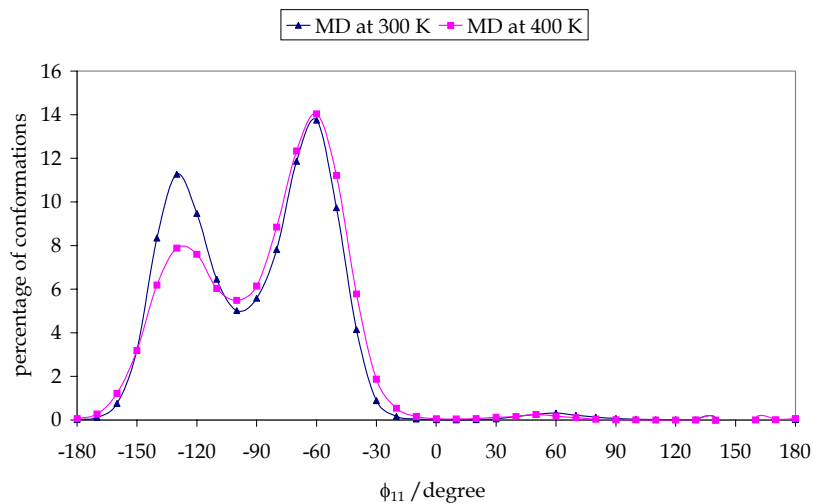
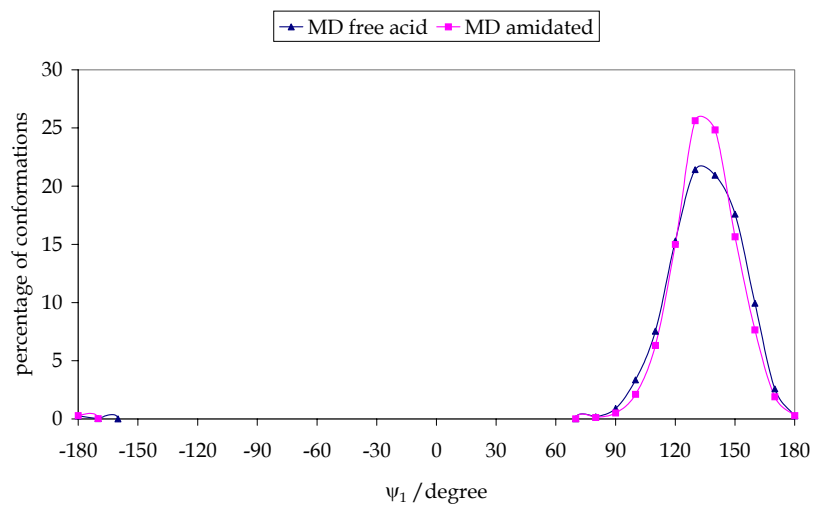
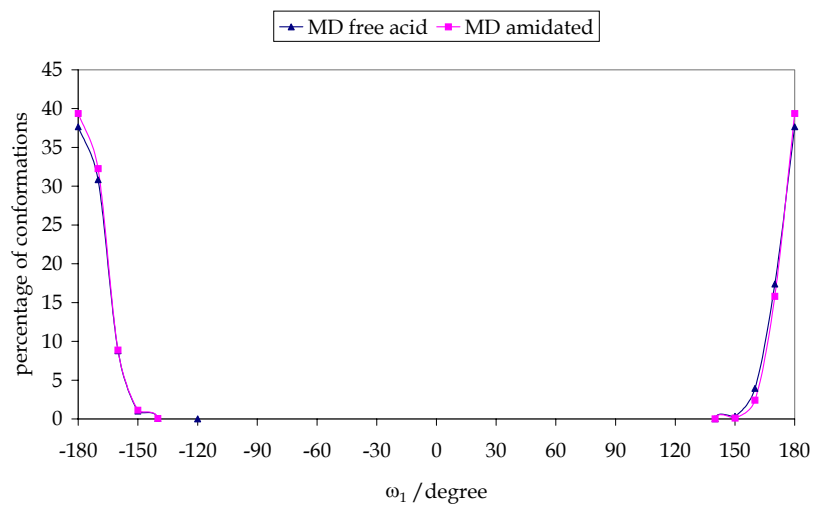


Figure A.2. Probability distribution function of dihedral angles for SPOH in MD at 300 K and 400 K.

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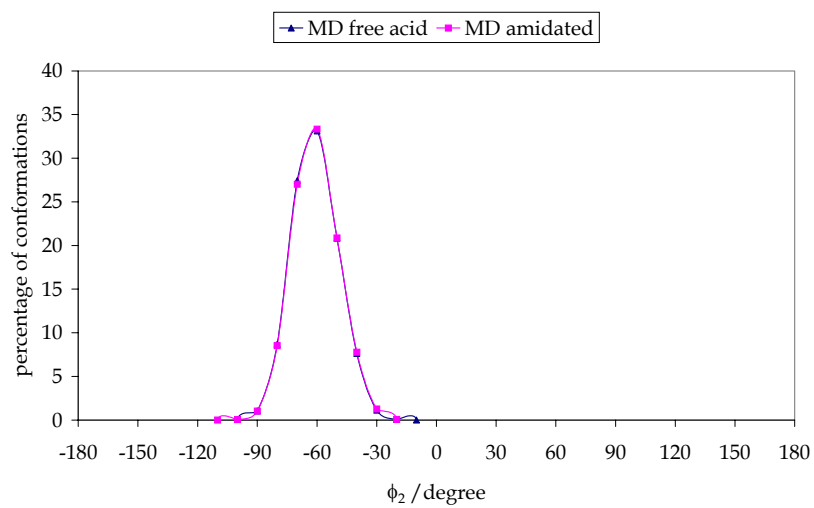
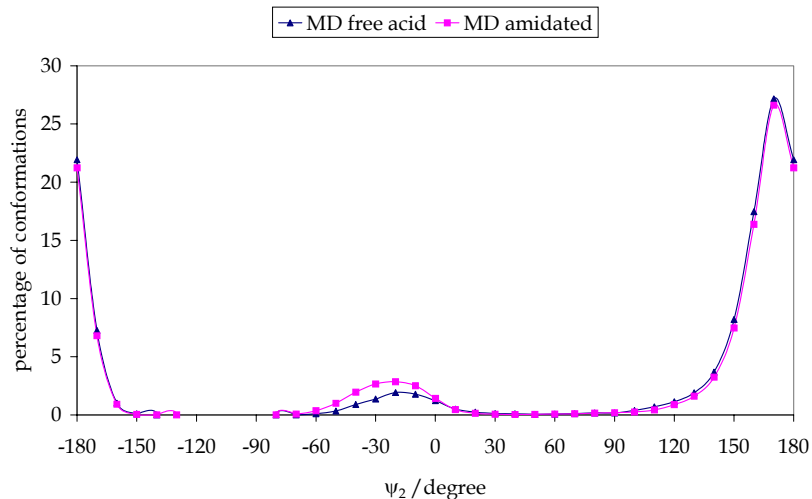
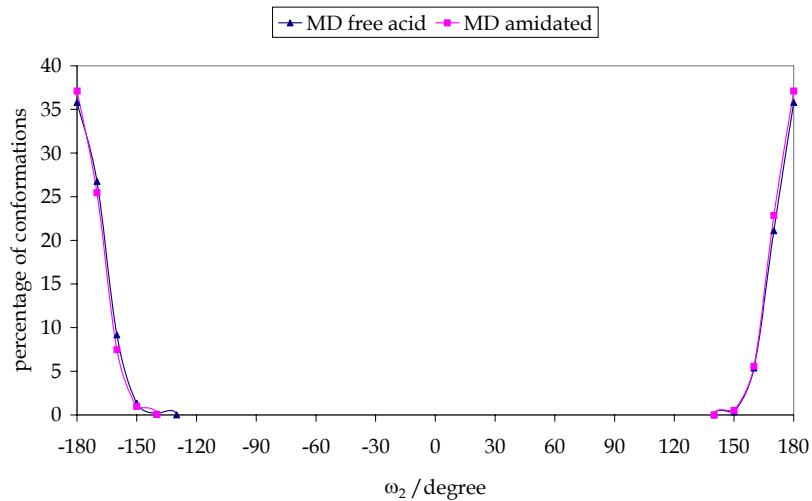


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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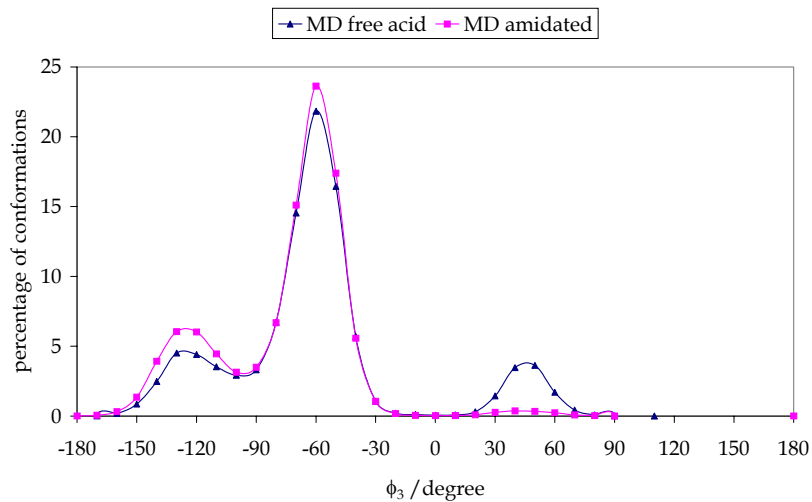
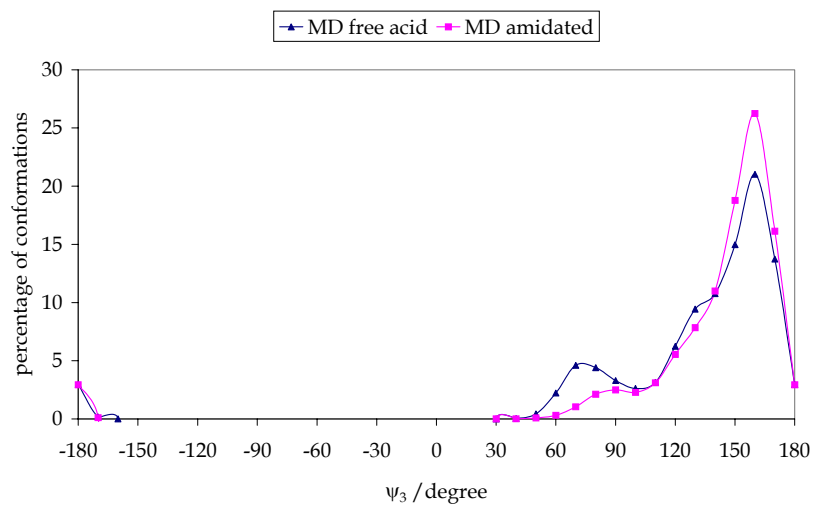


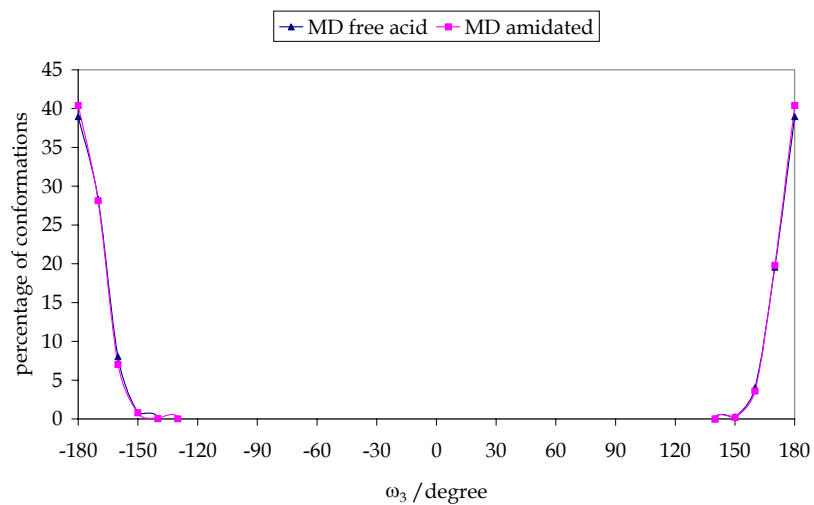
Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.



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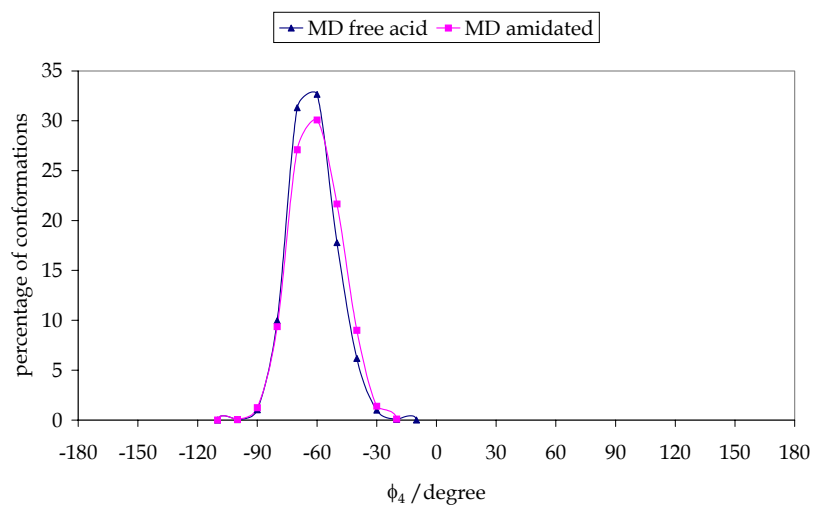
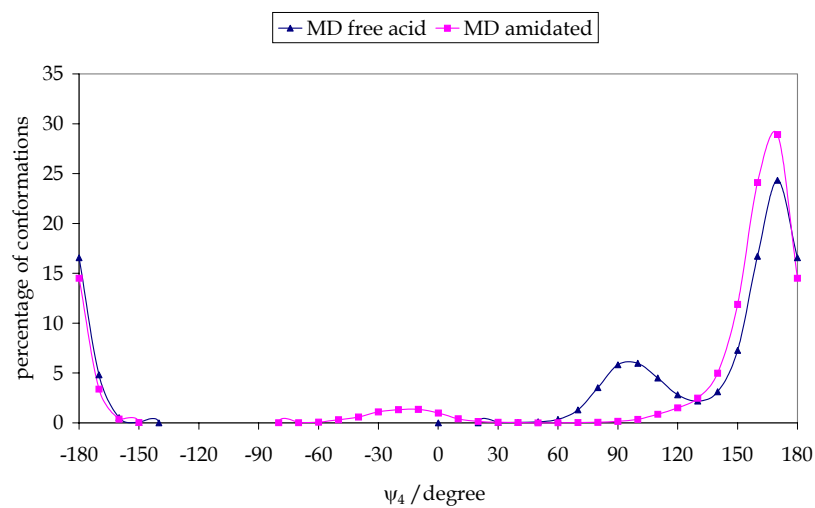
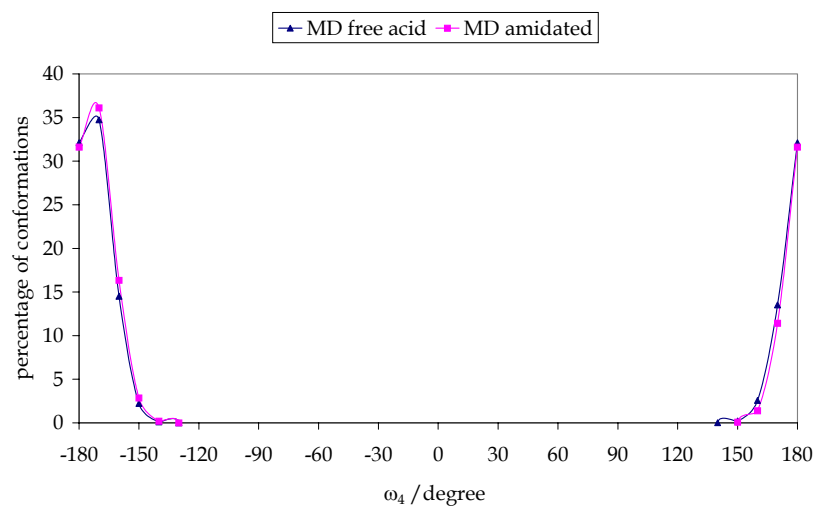


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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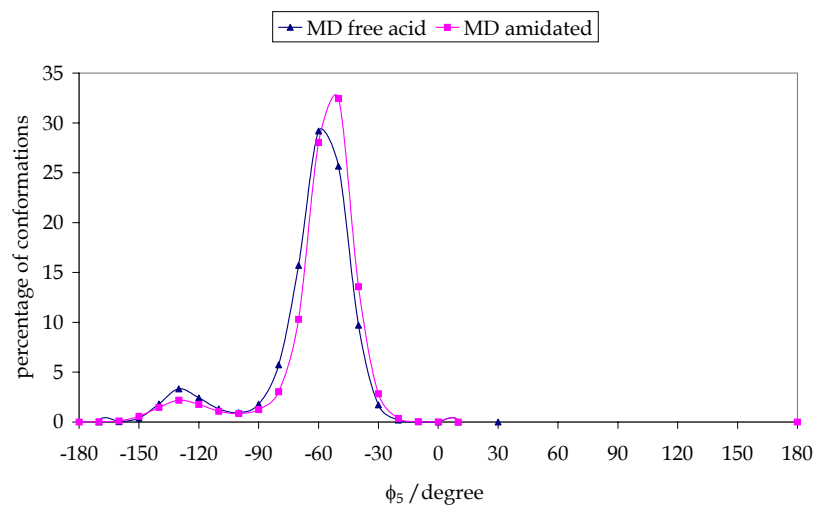
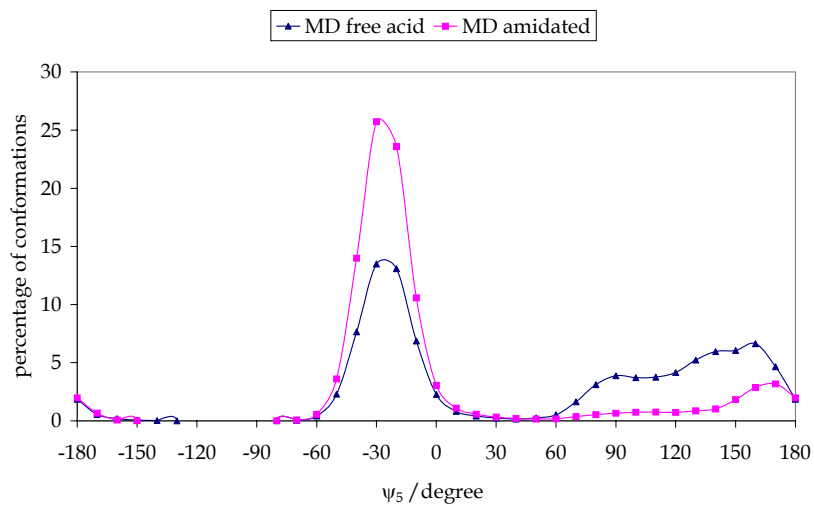
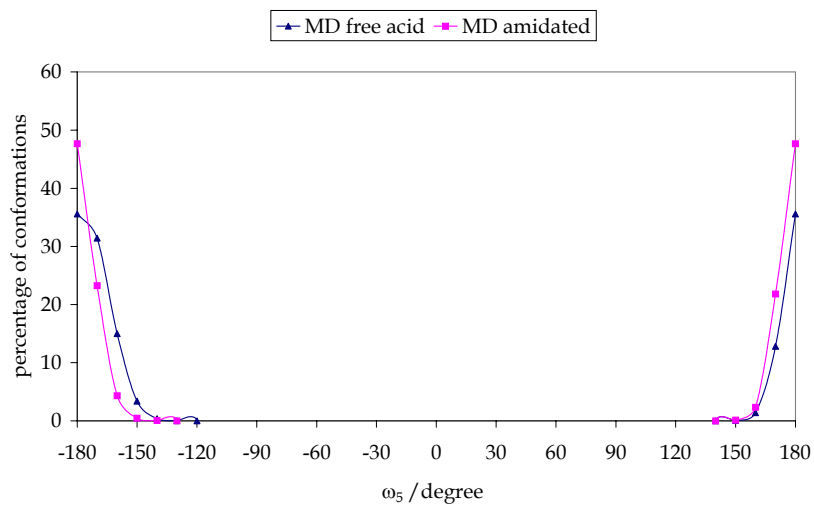


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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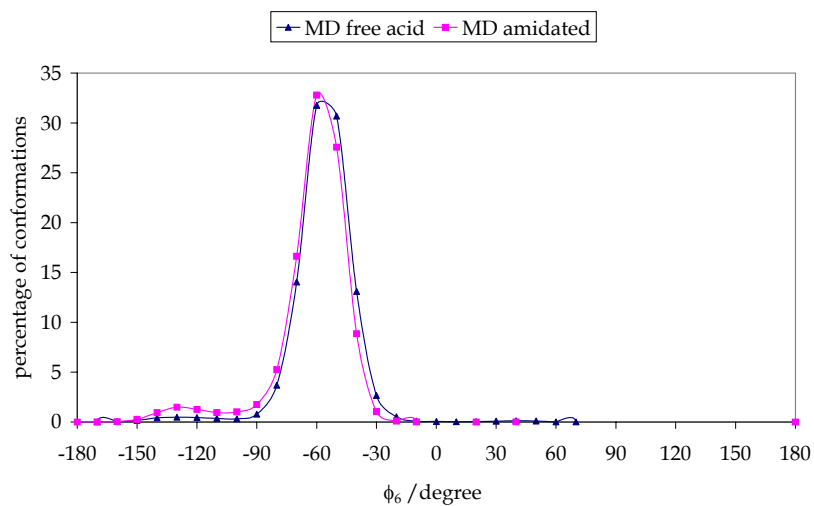
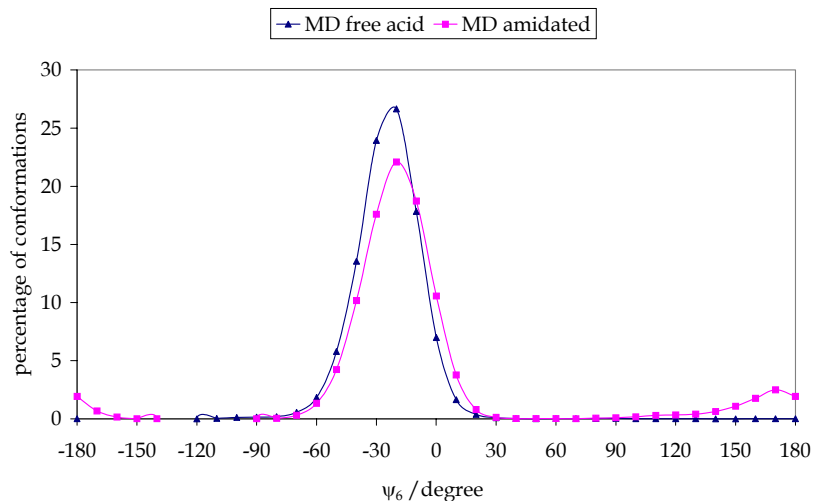
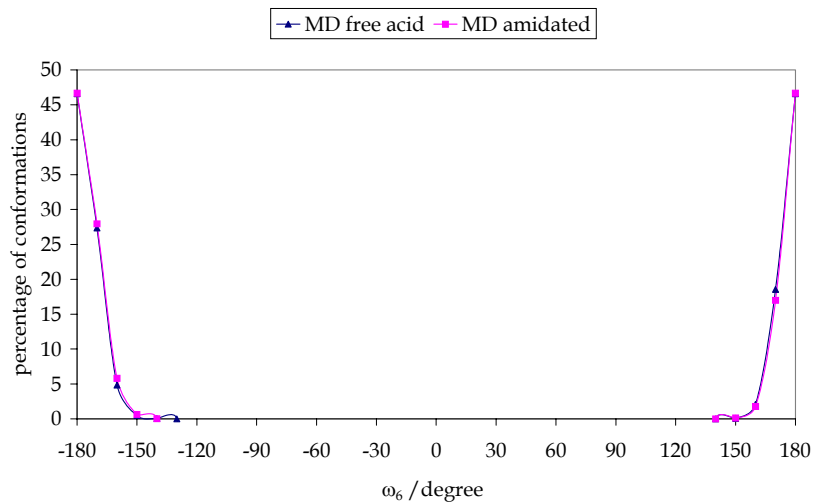


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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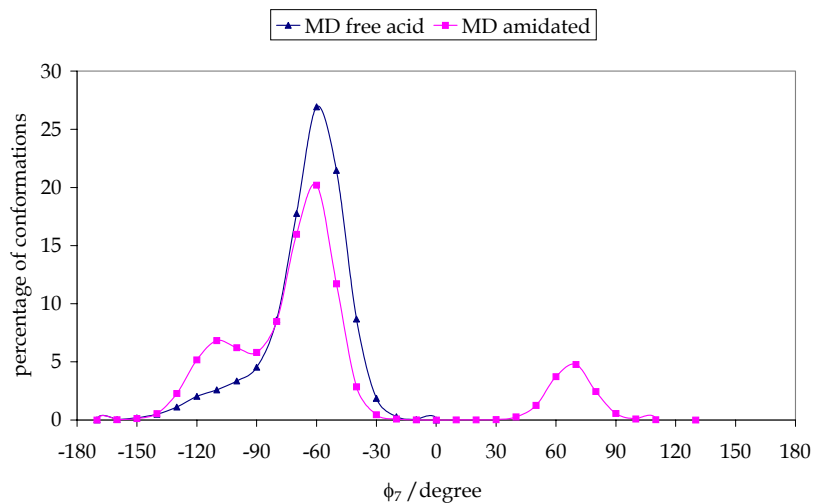
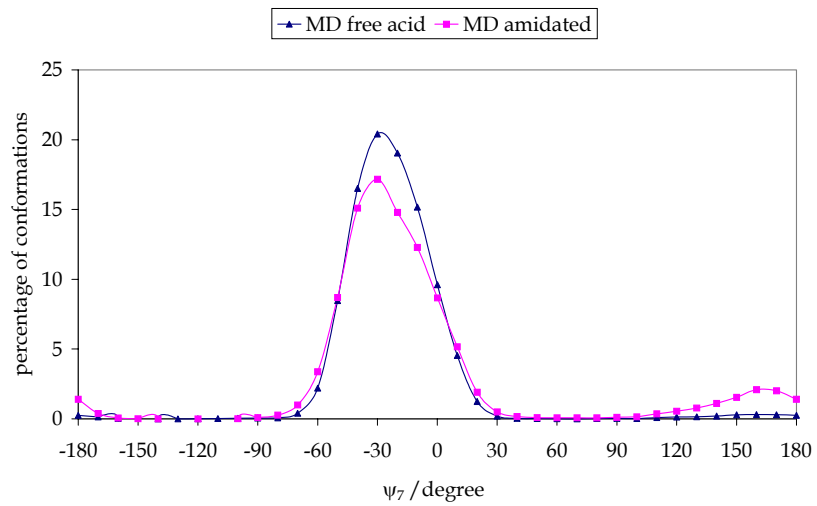
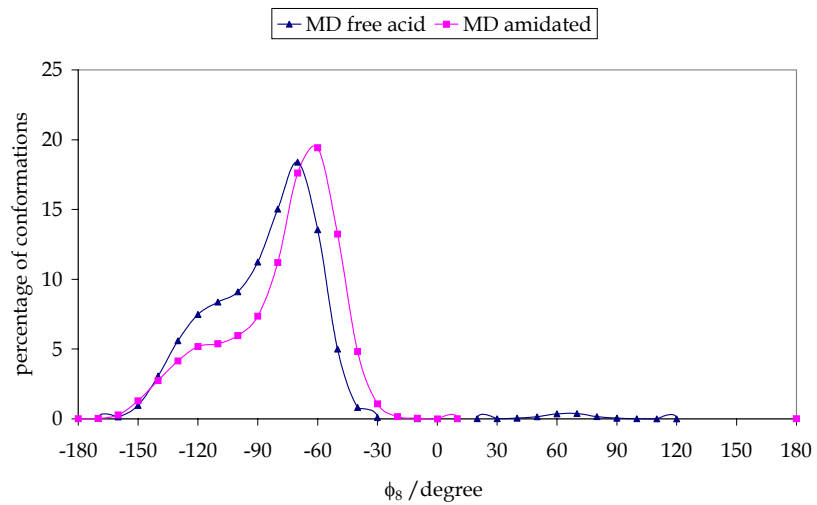


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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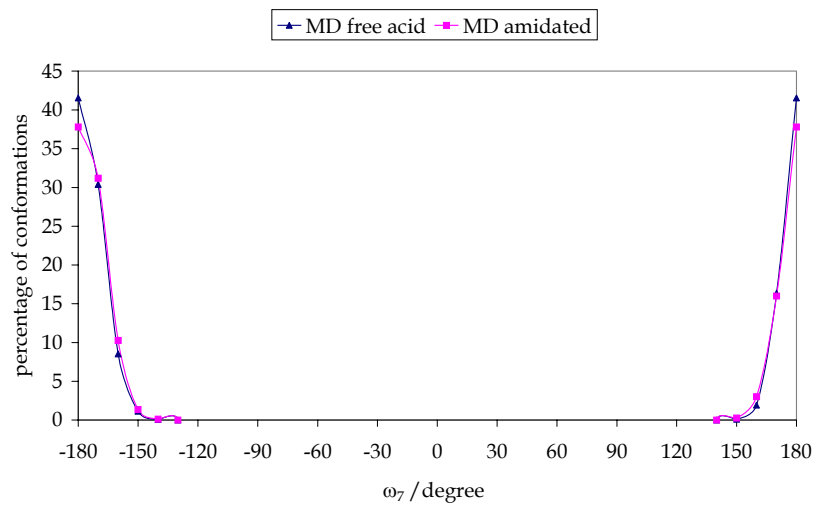
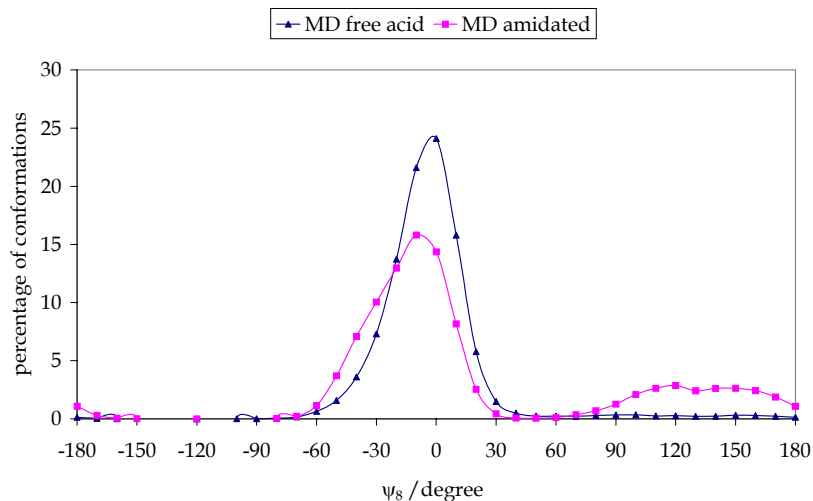
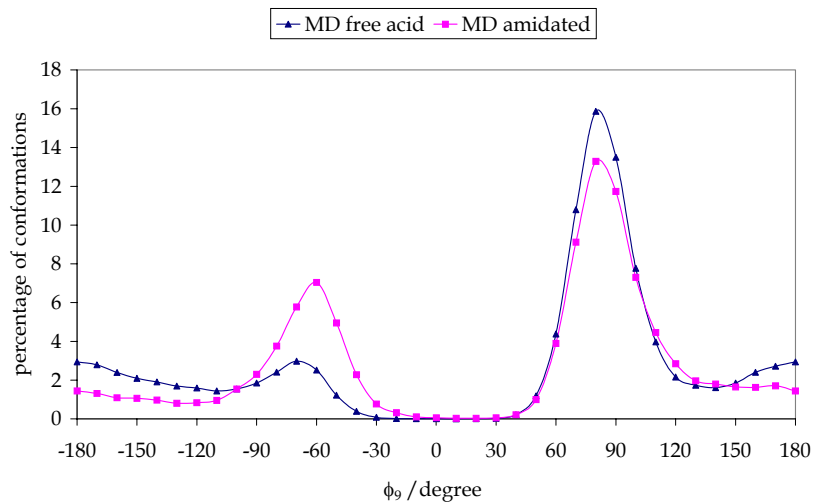


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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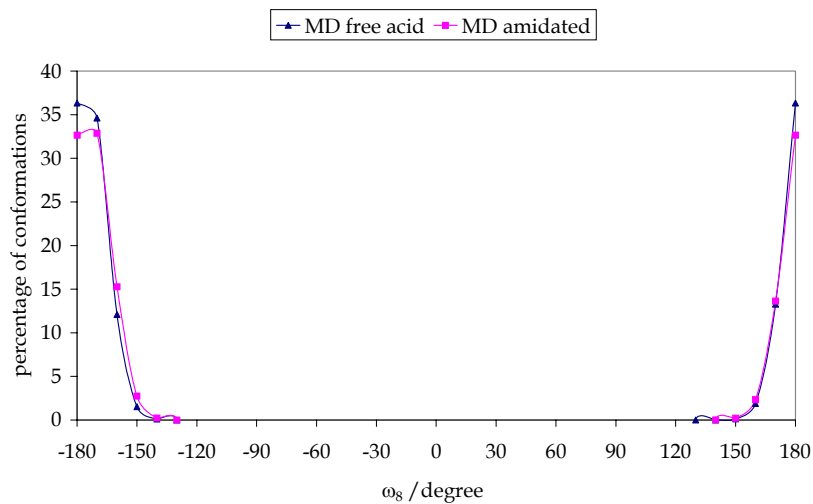
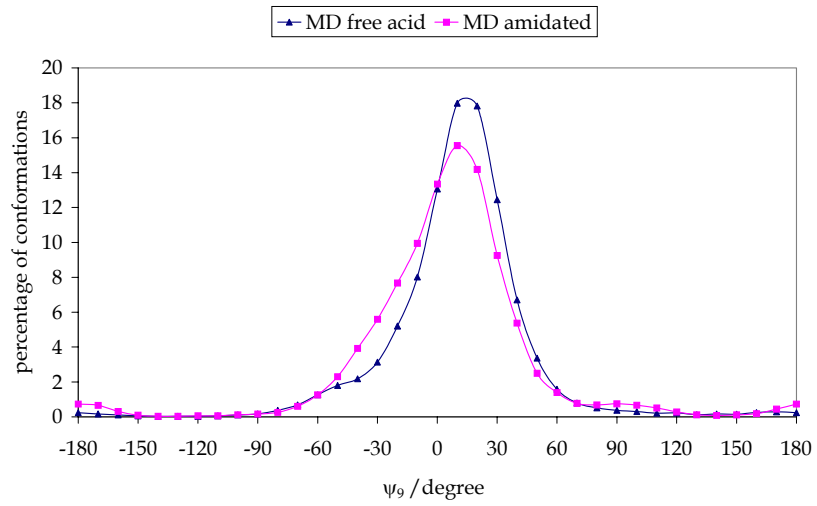
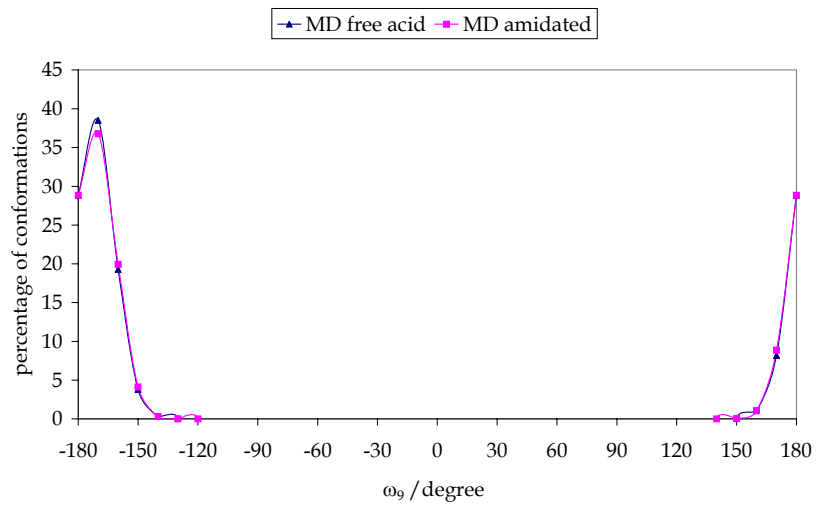


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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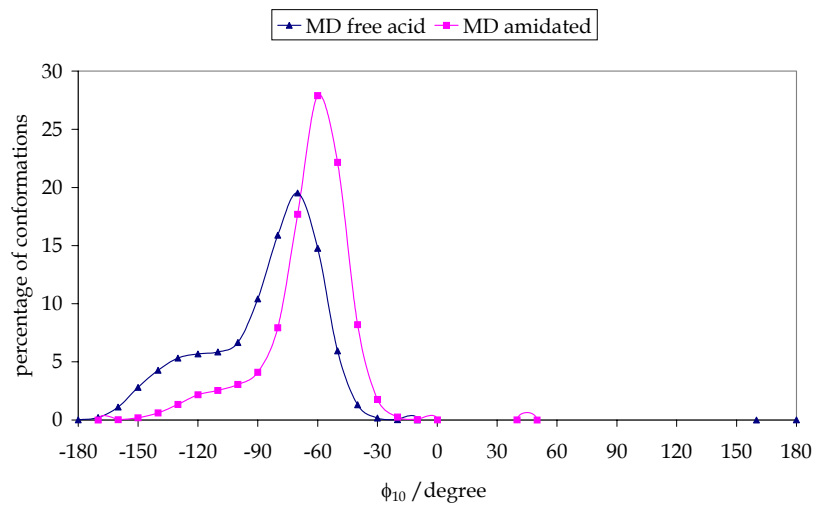
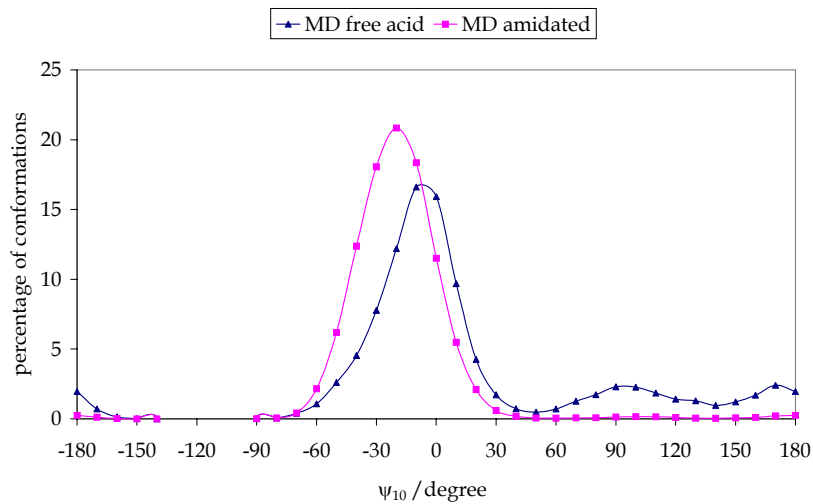
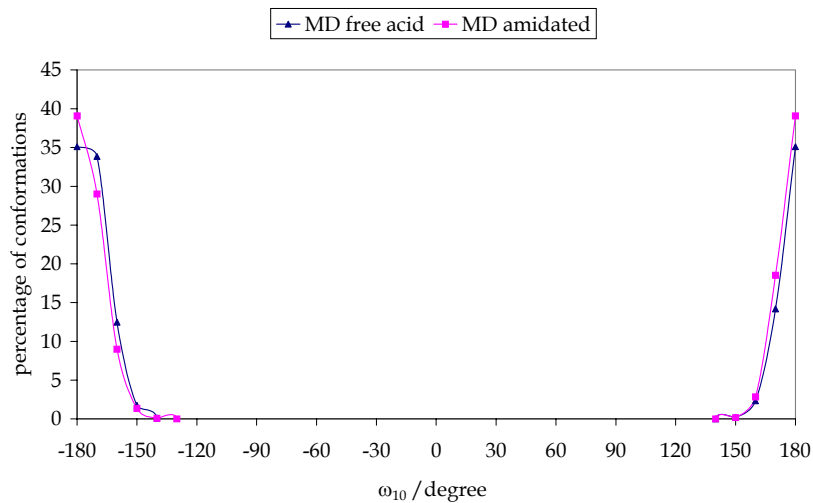


Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.

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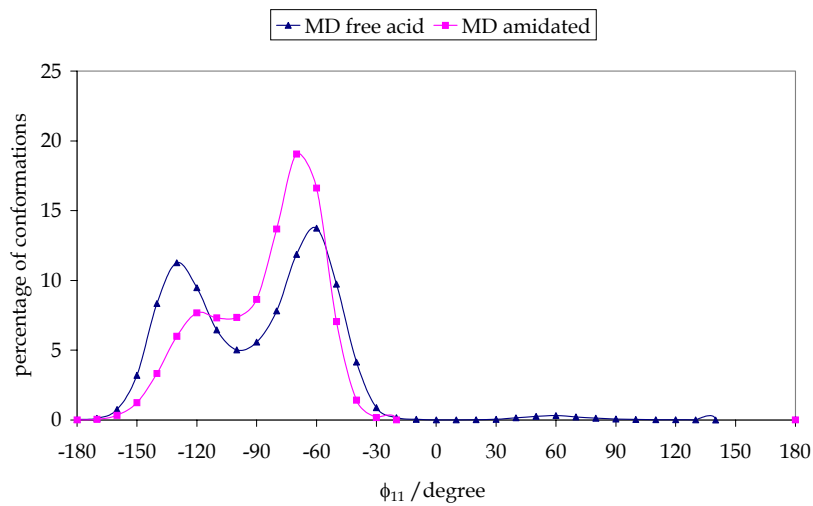
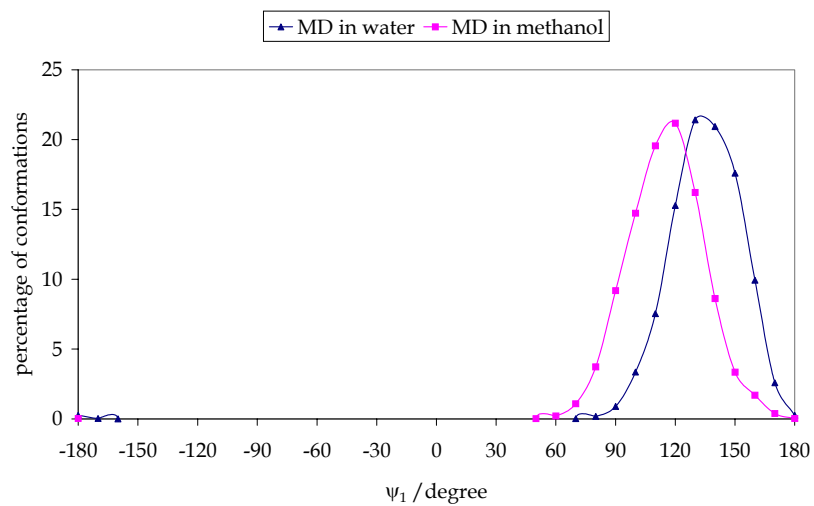


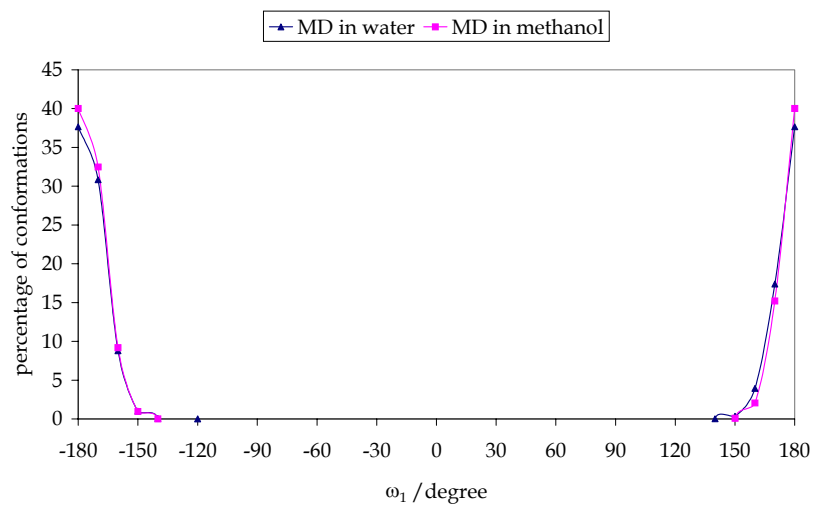
Figure A.3. Probability distribution function of dihedral angles for SP and SPOH in MD.



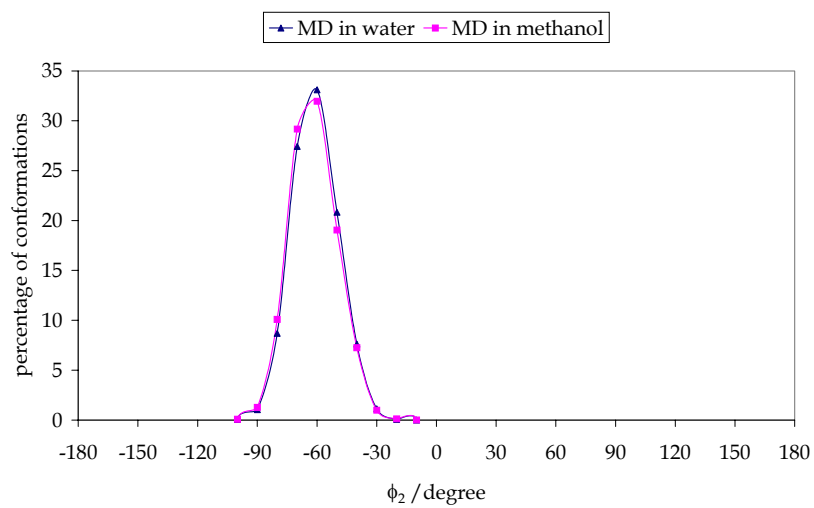
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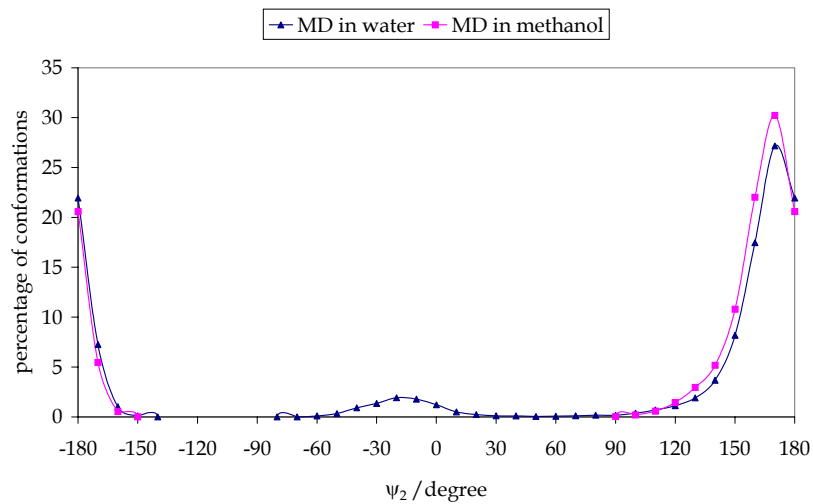


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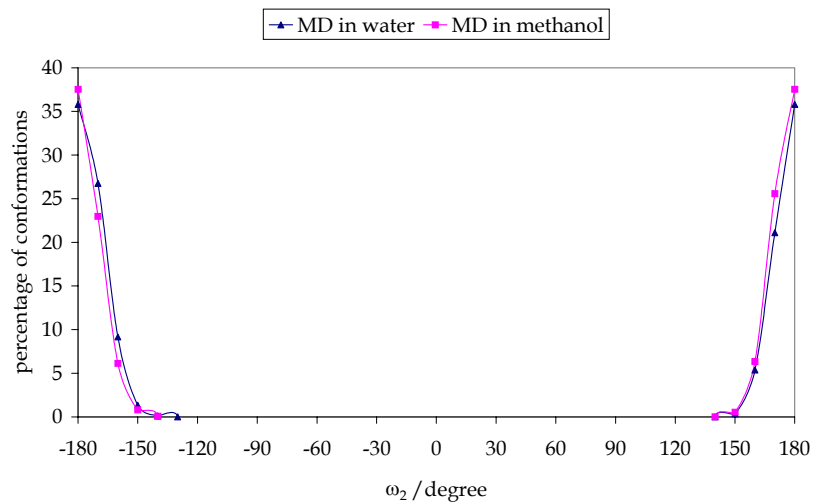


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

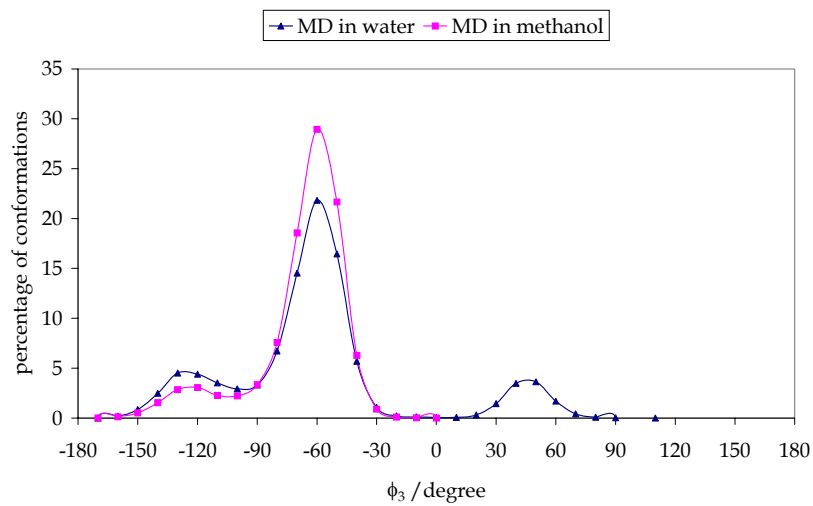
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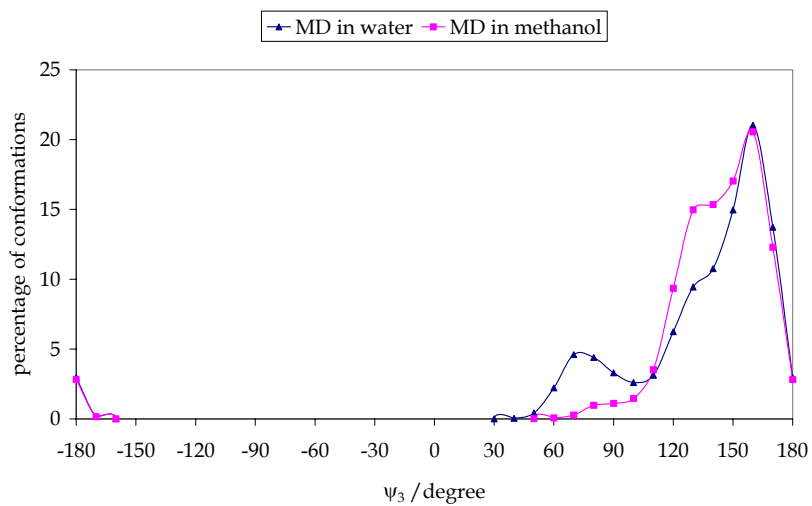


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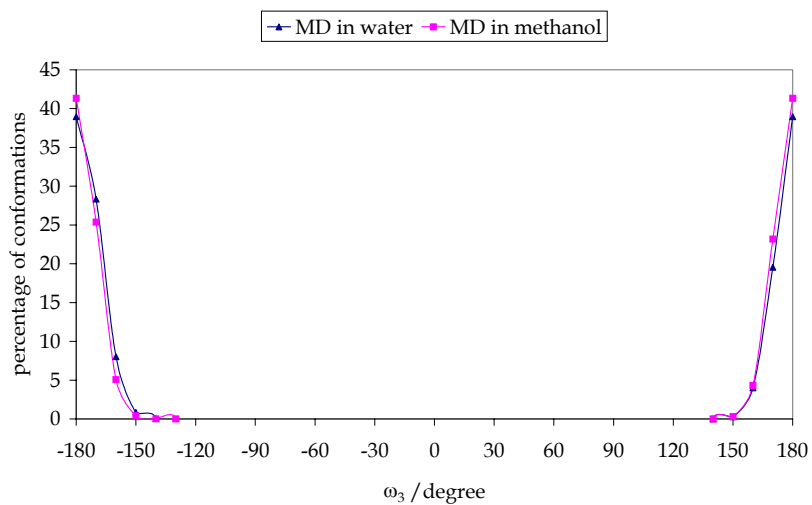


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

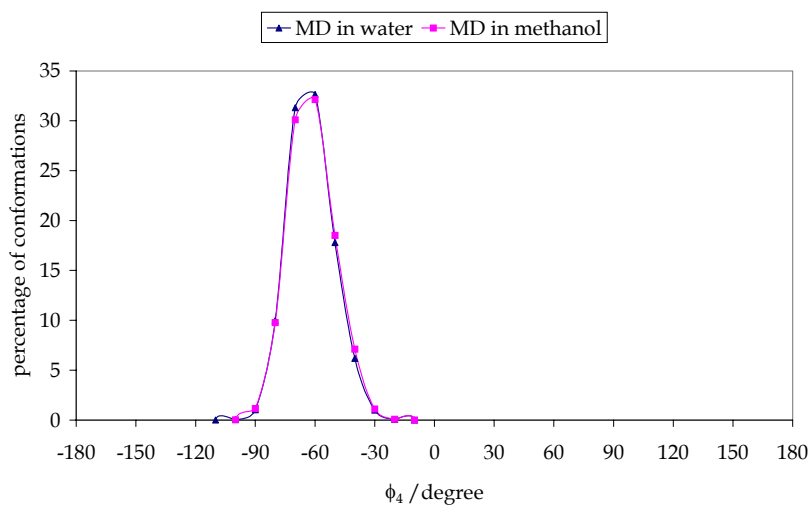
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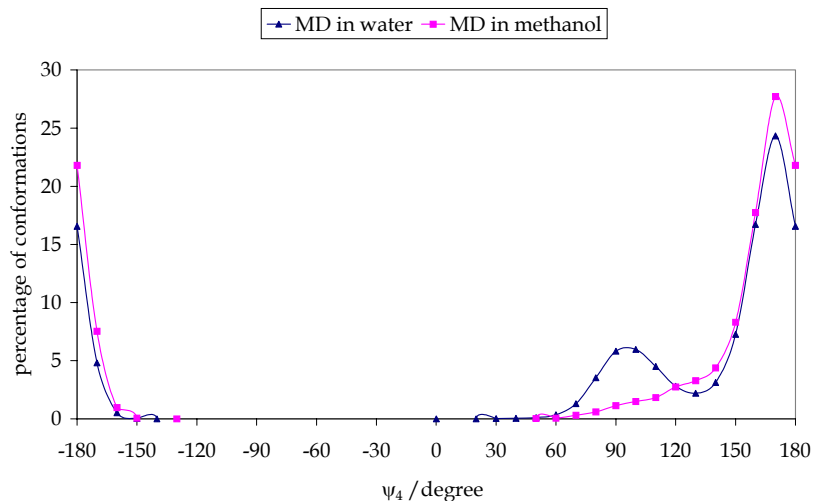


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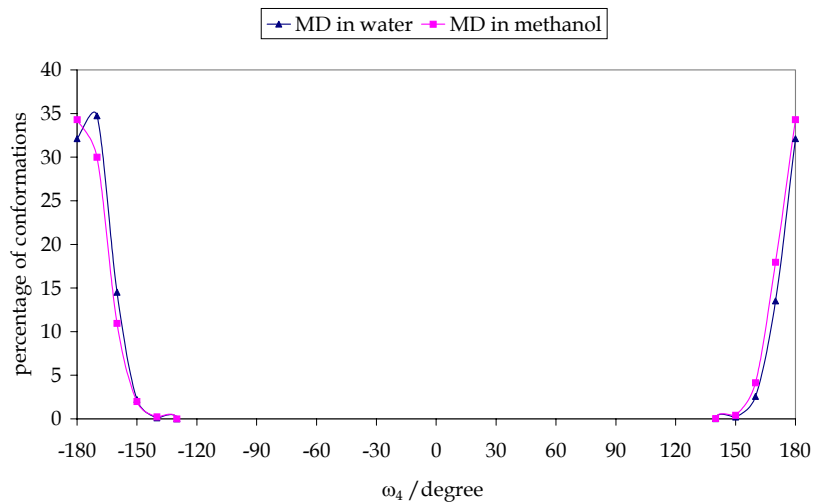


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

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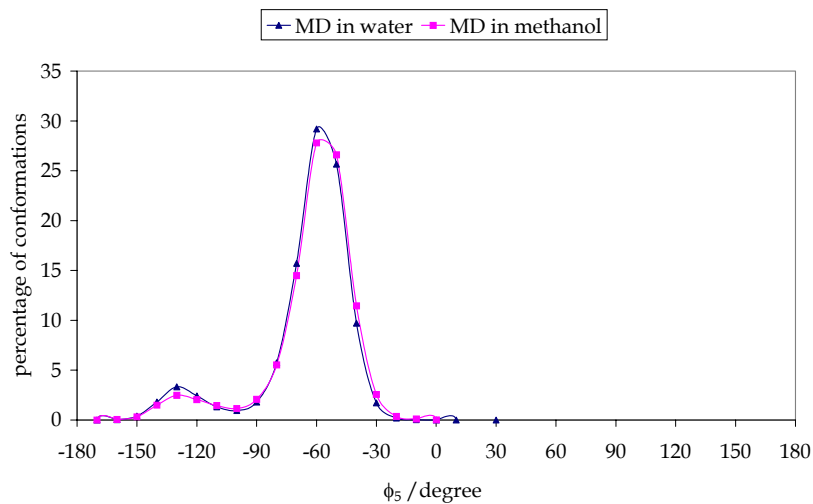
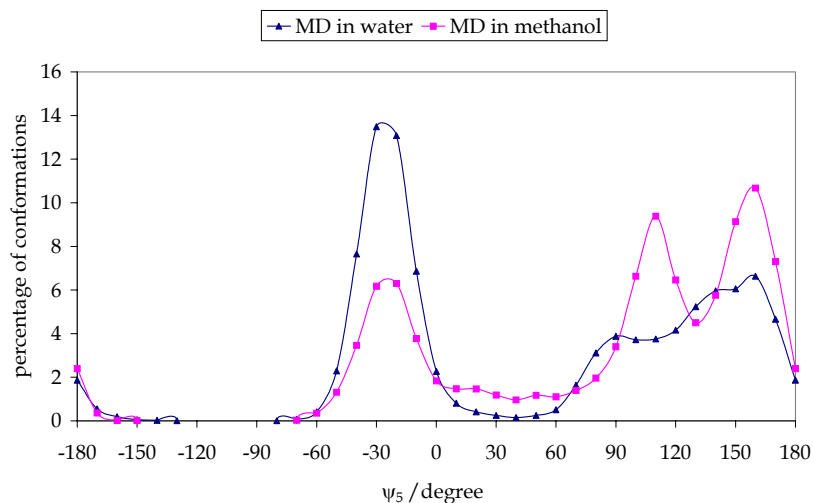
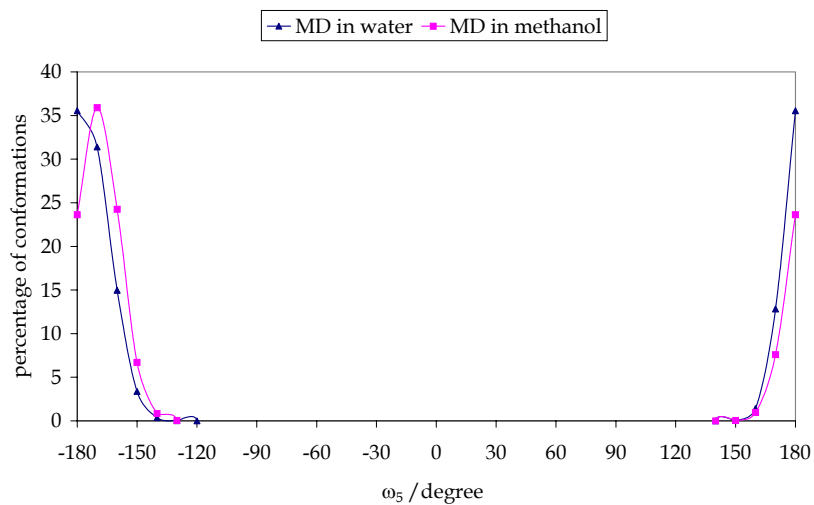


Figure A.4. Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

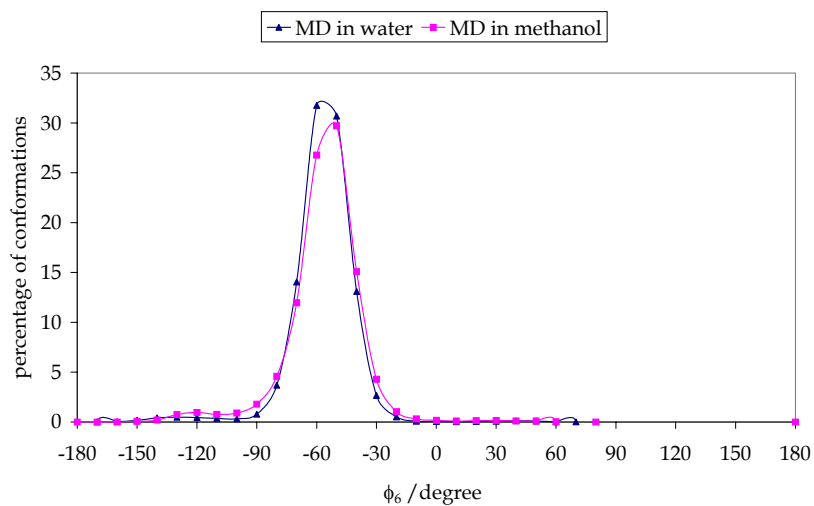
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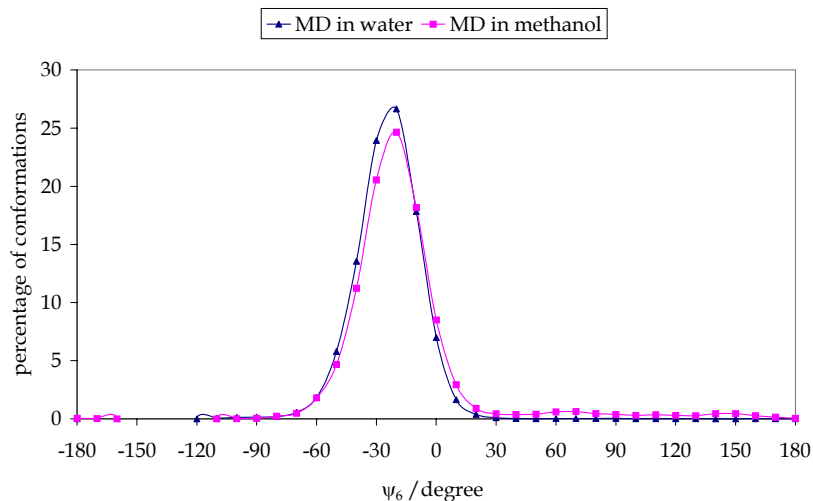


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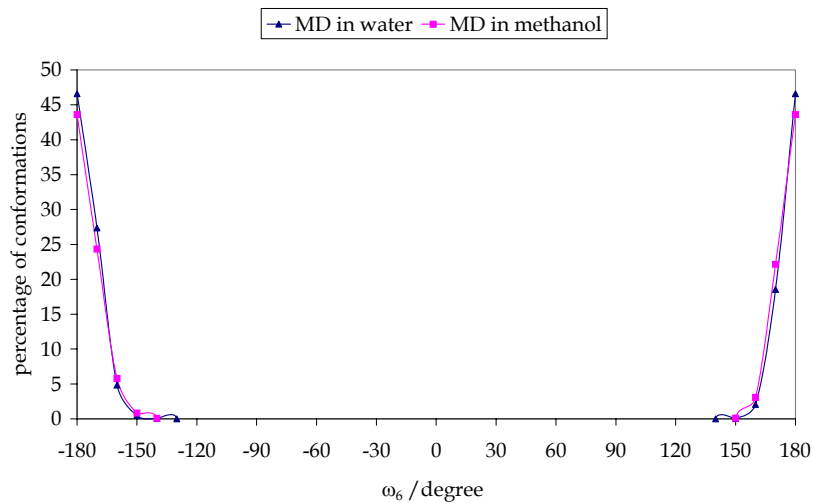


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

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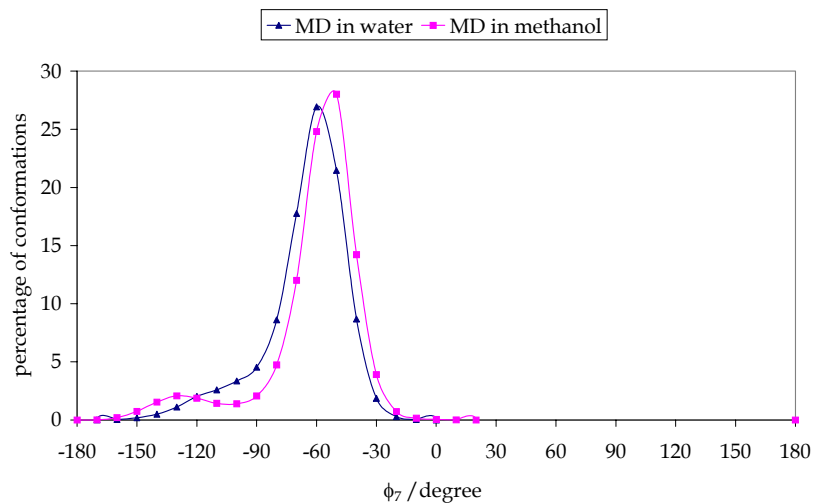
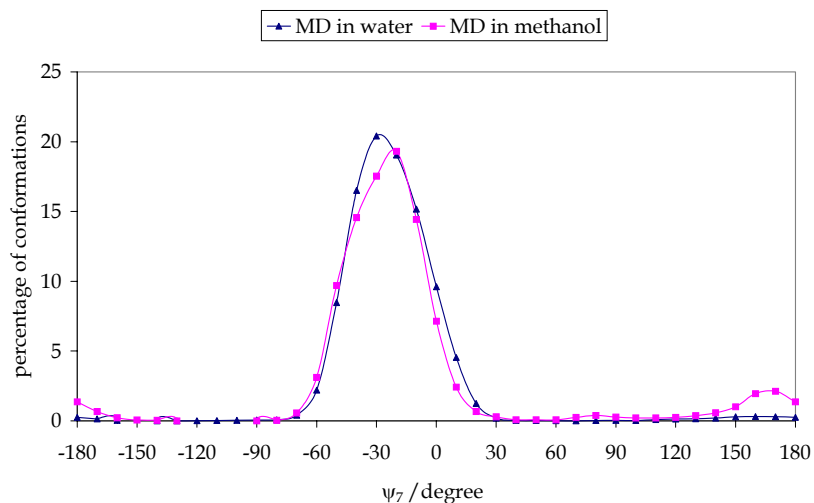
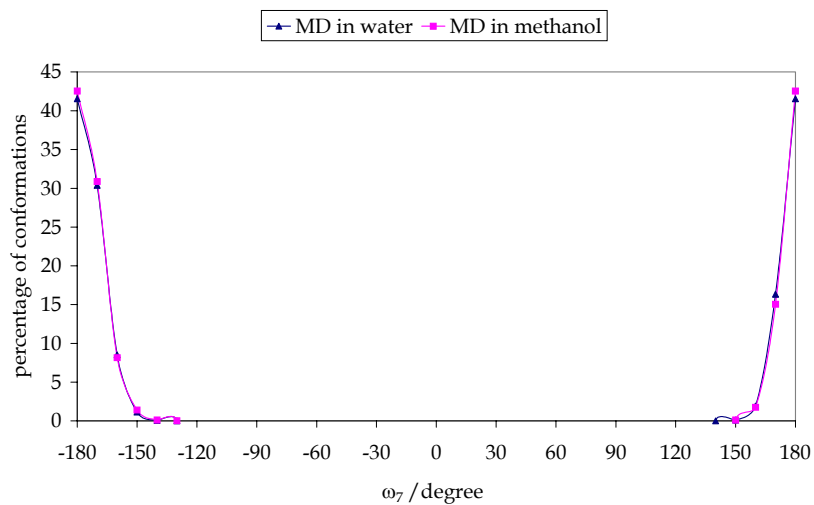


Figure A.4. Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

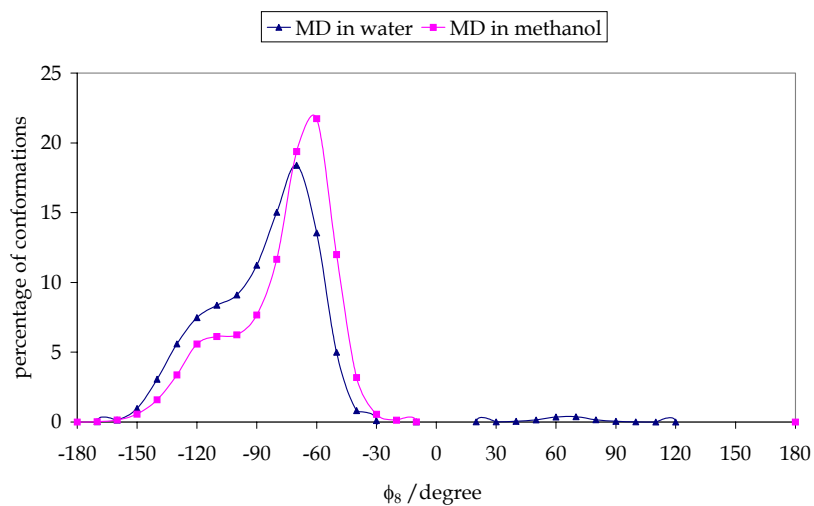
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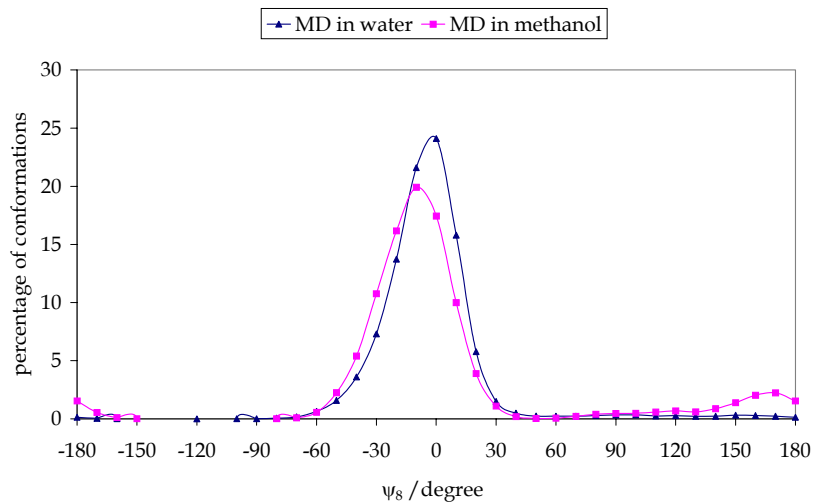


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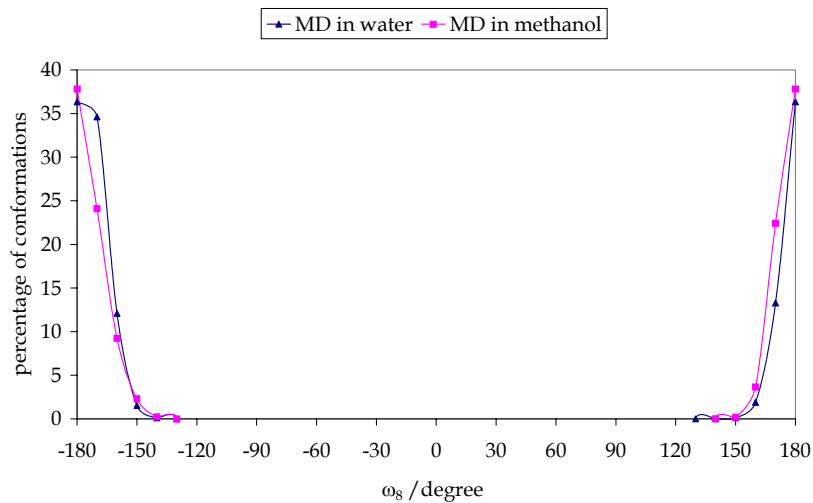


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

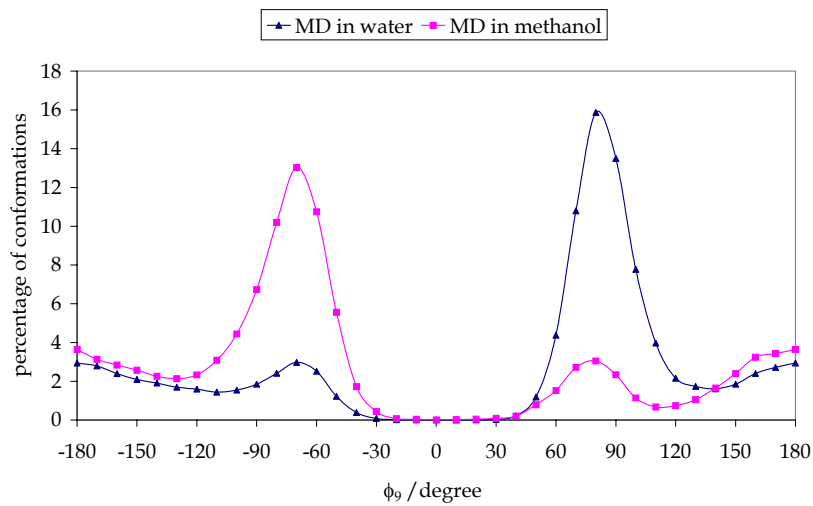
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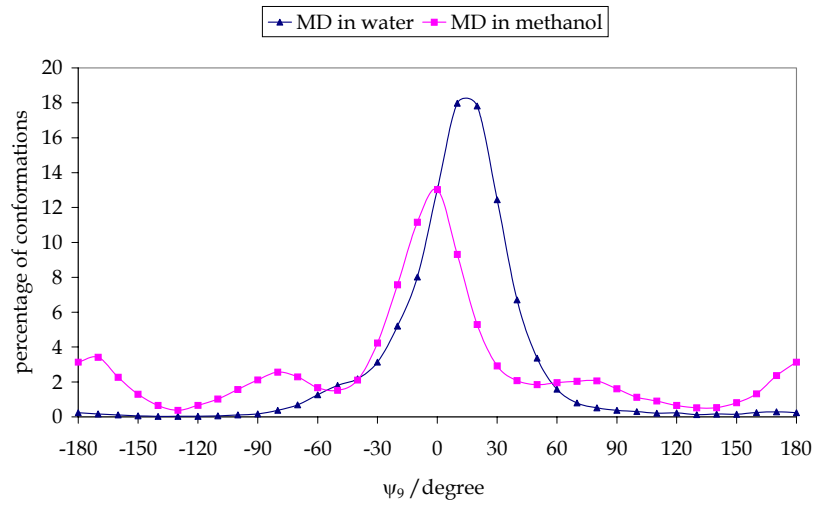
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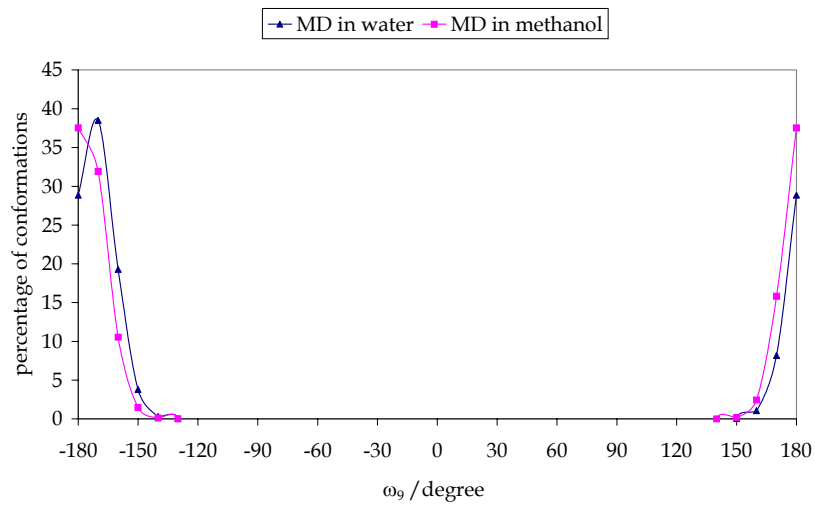
**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.



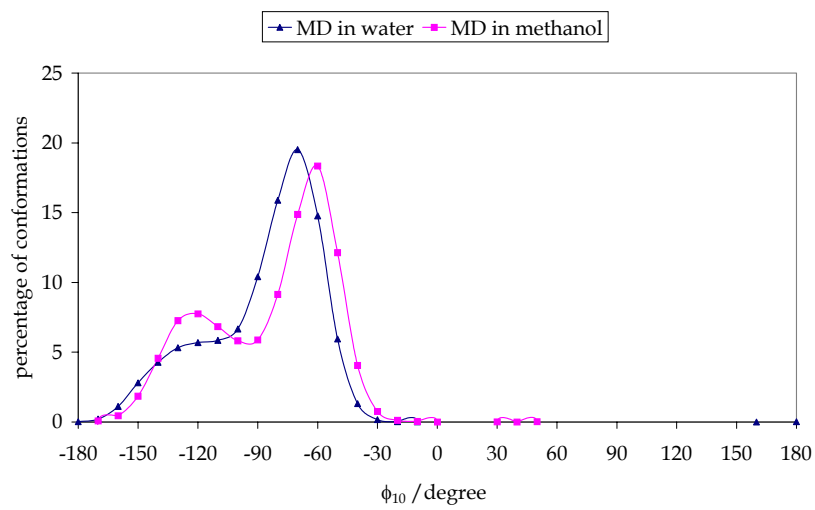
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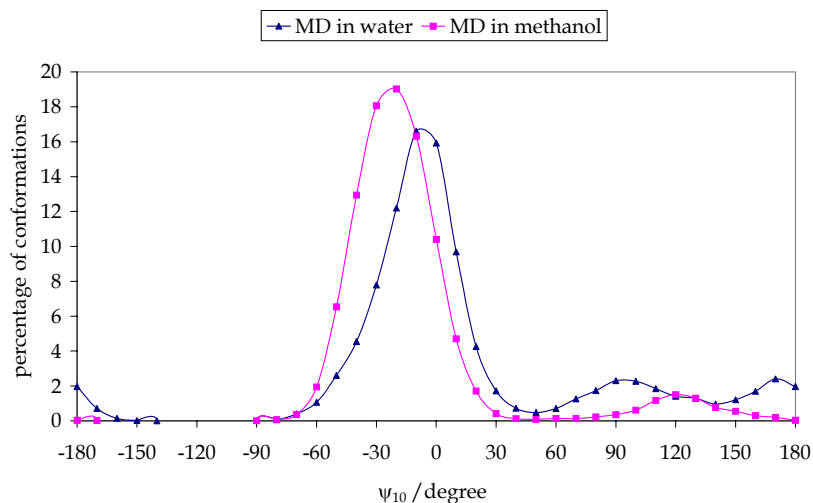


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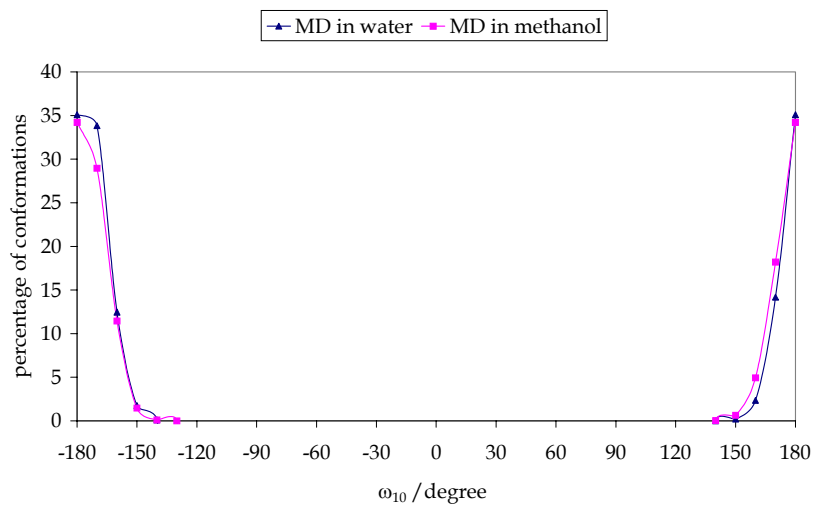


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

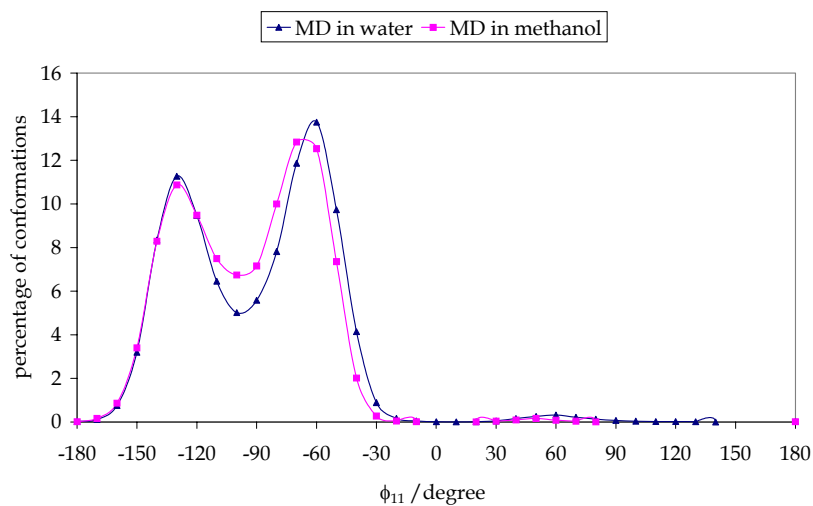
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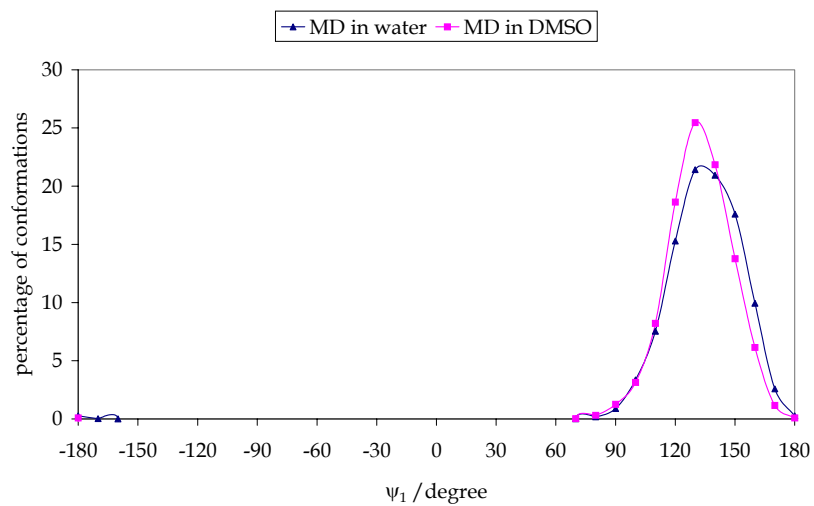


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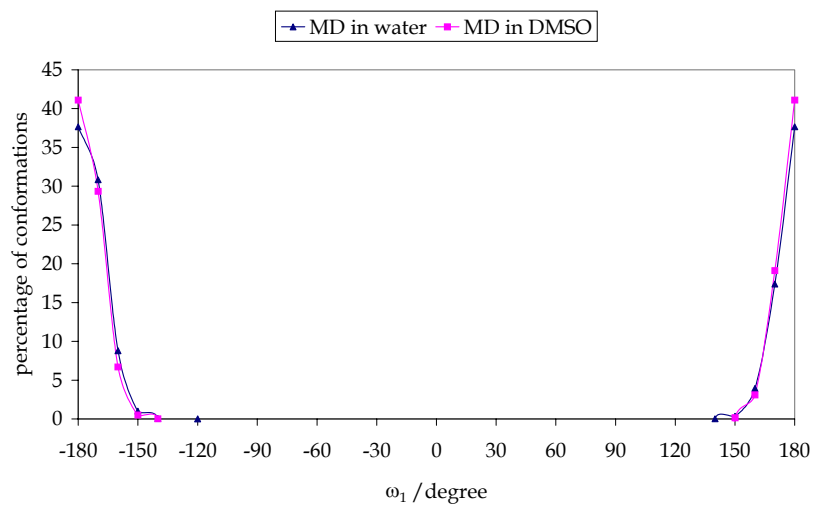


**Figure A.4.** Probability distribution function of dihedral angles for SPOH in MD in water and methanol.

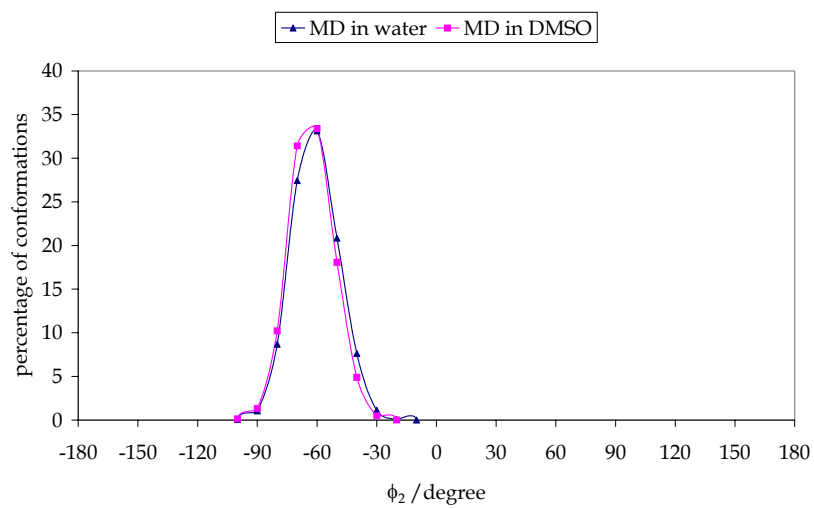
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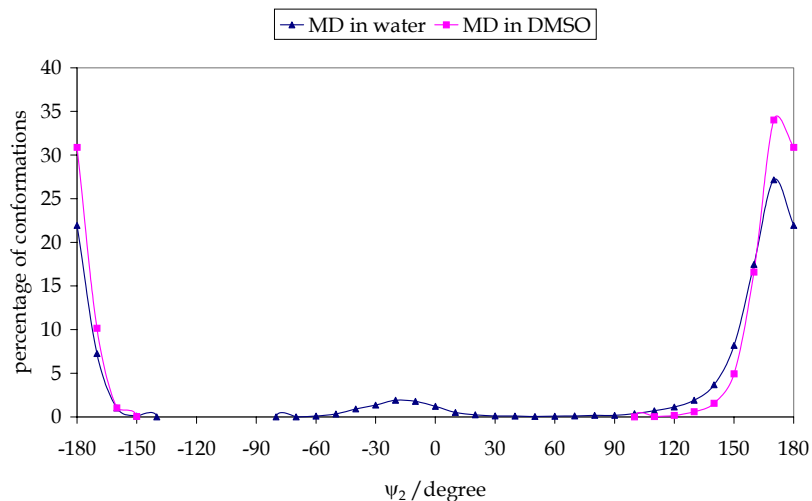


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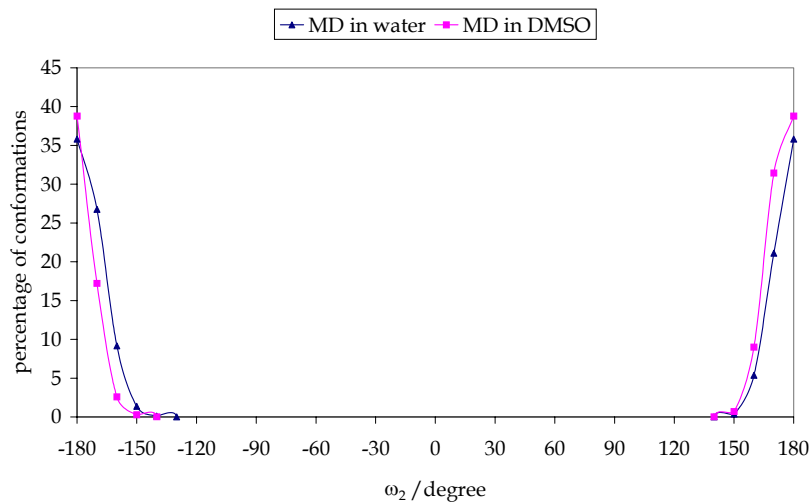


**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

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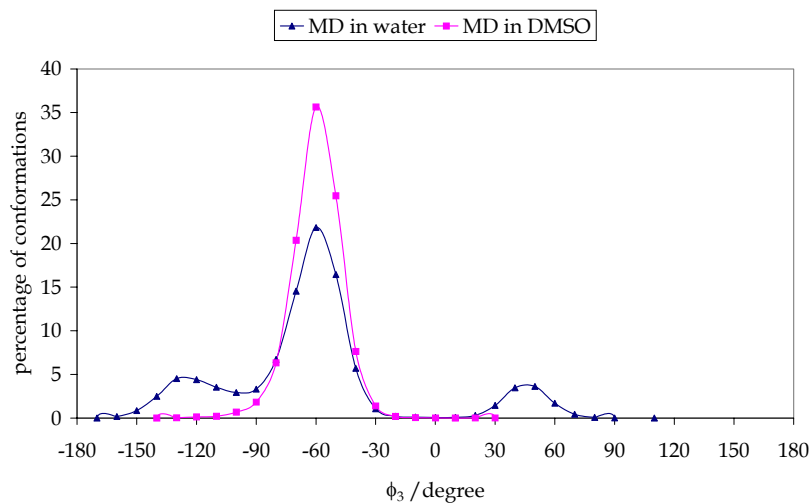
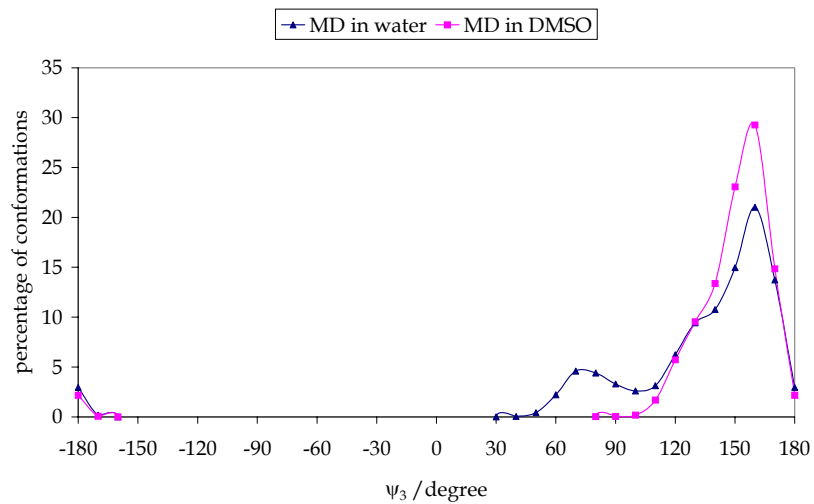
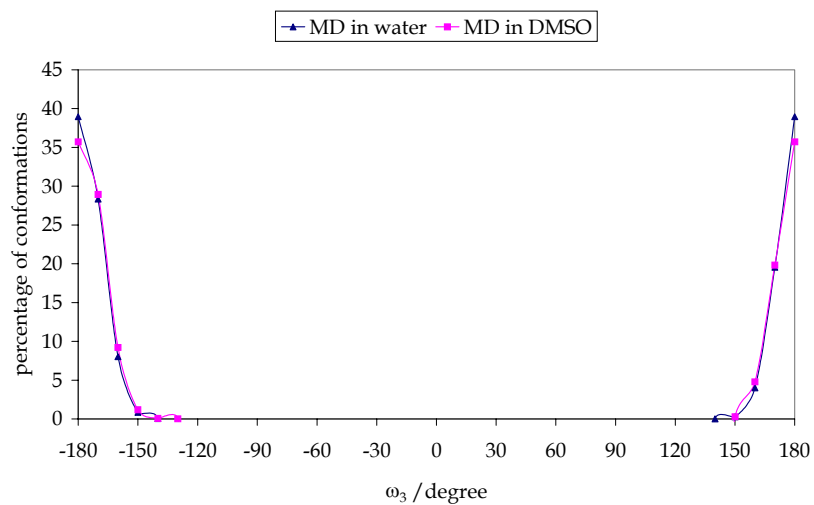


Figure A.5. Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

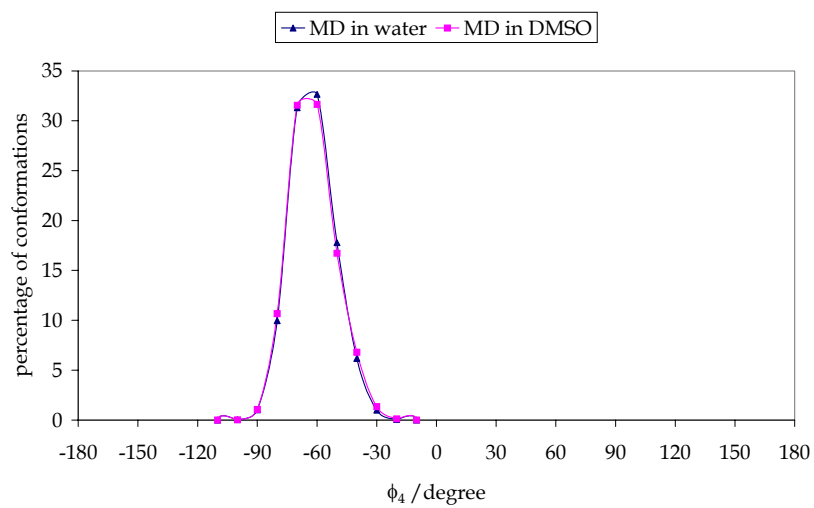
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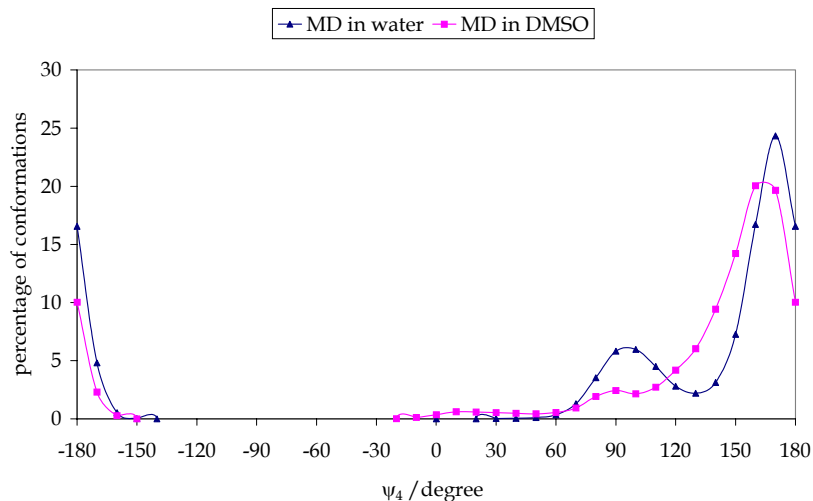


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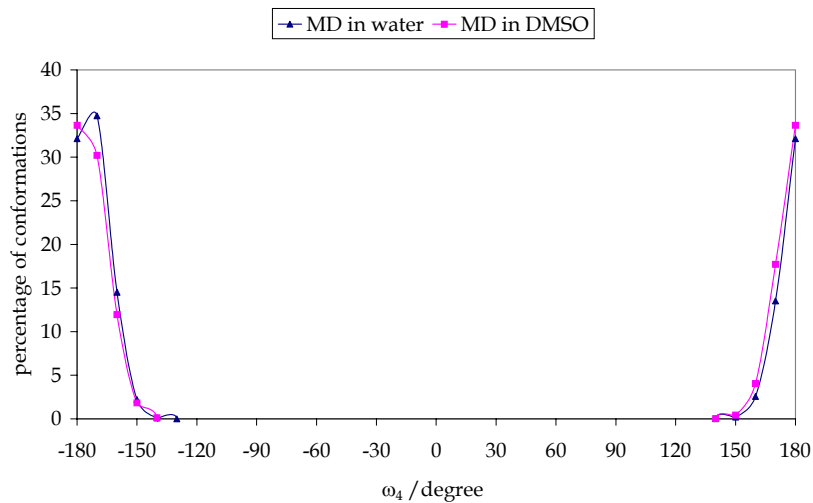


**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

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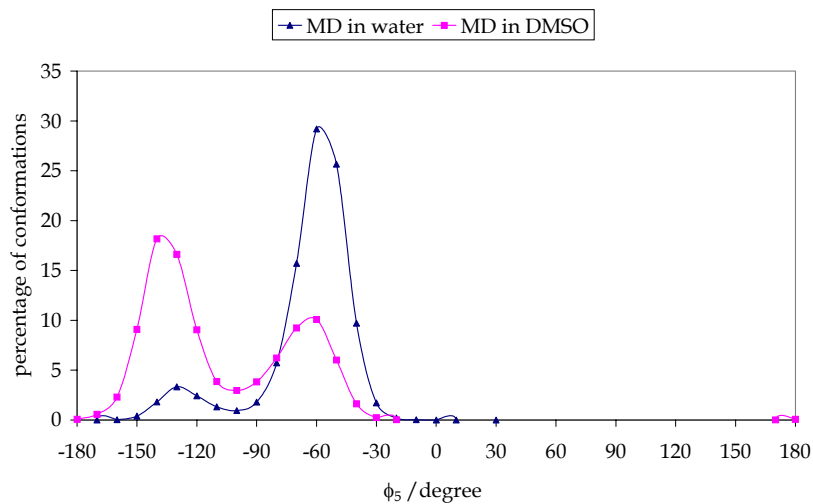
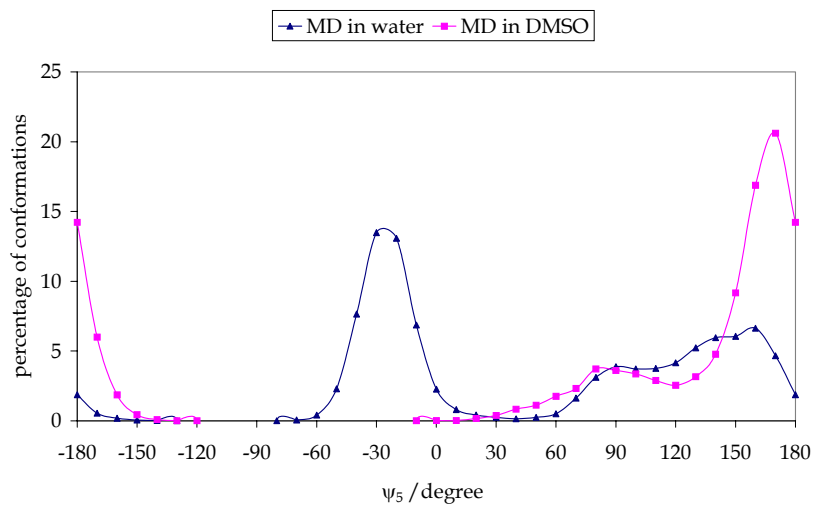
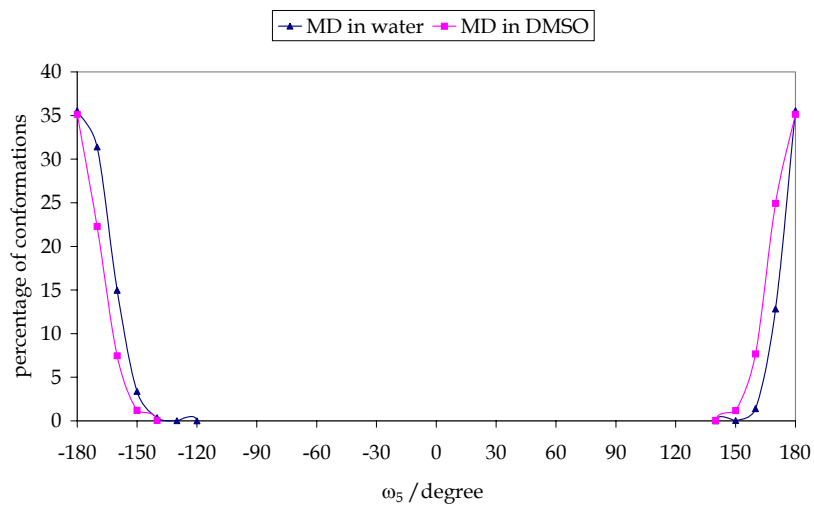


Figure A.5. Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

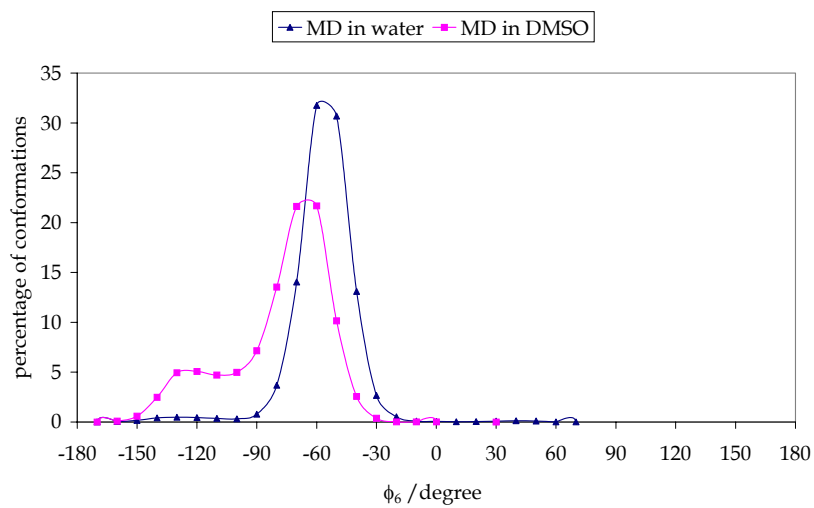
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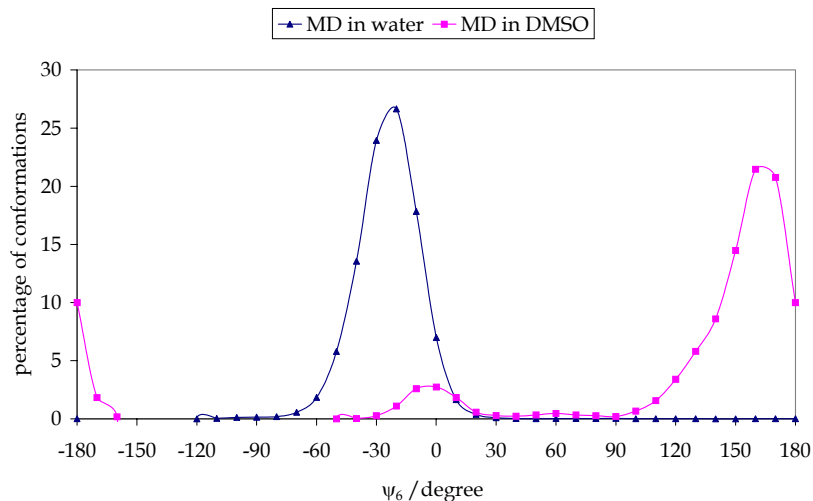


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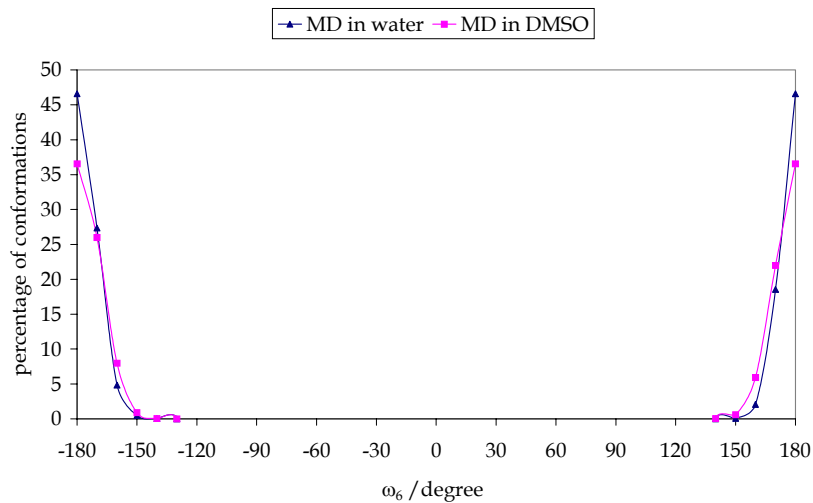


**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

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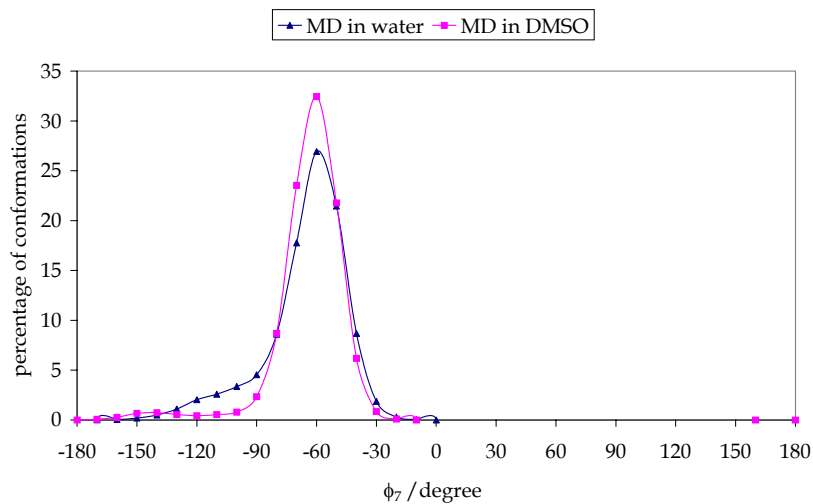
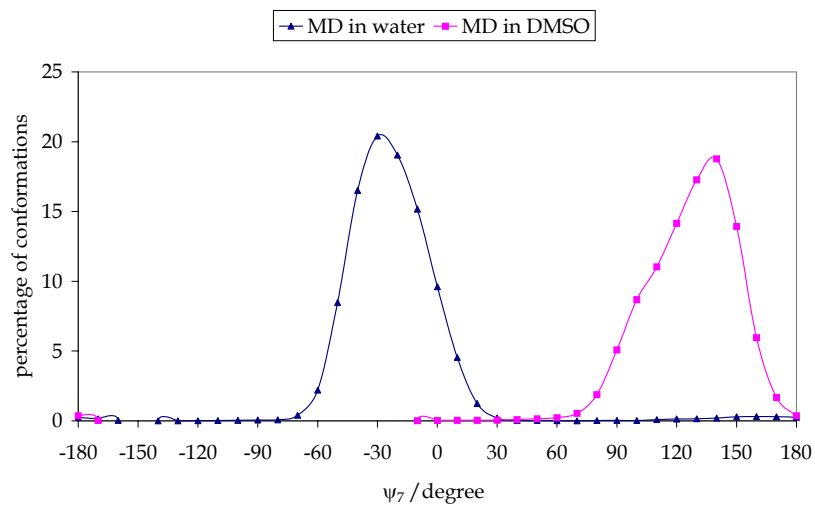


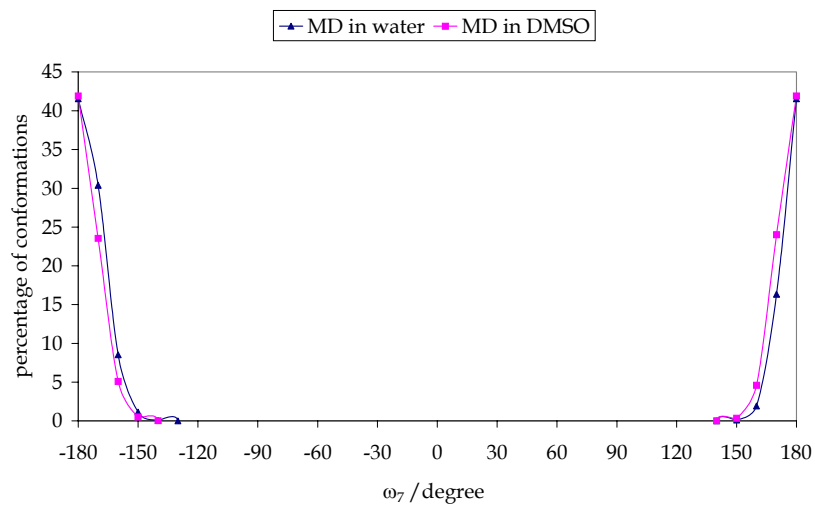
Figure A.5. Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.



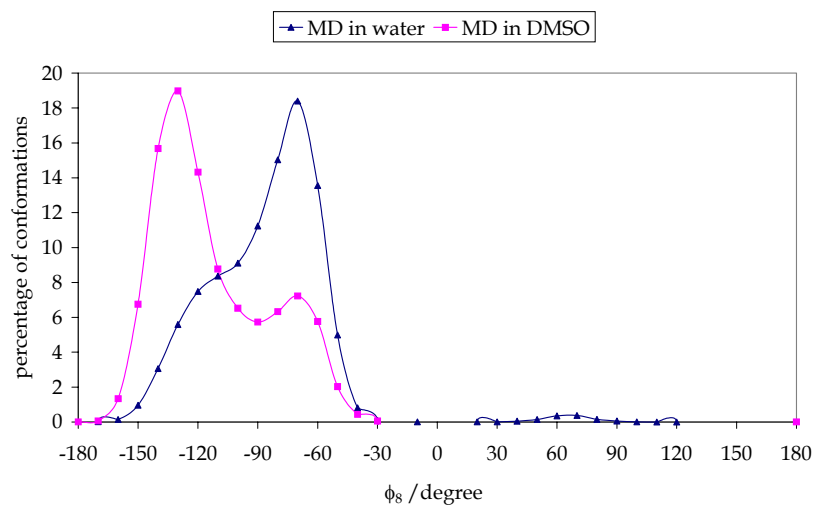
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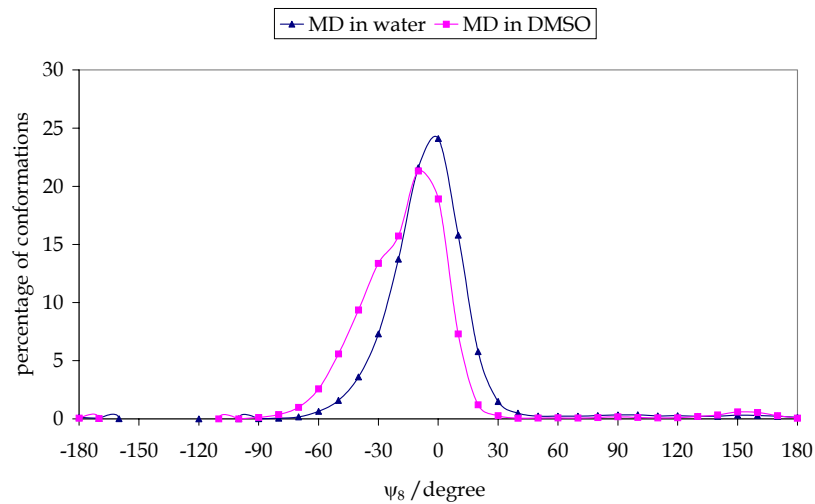


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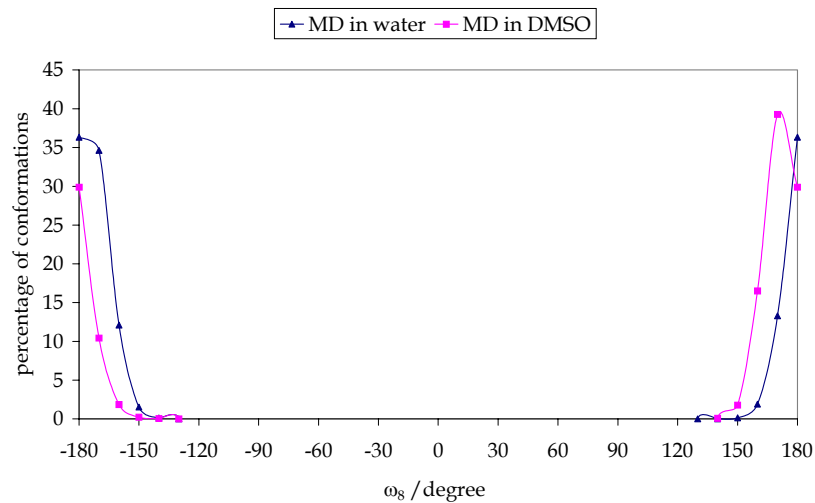


**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

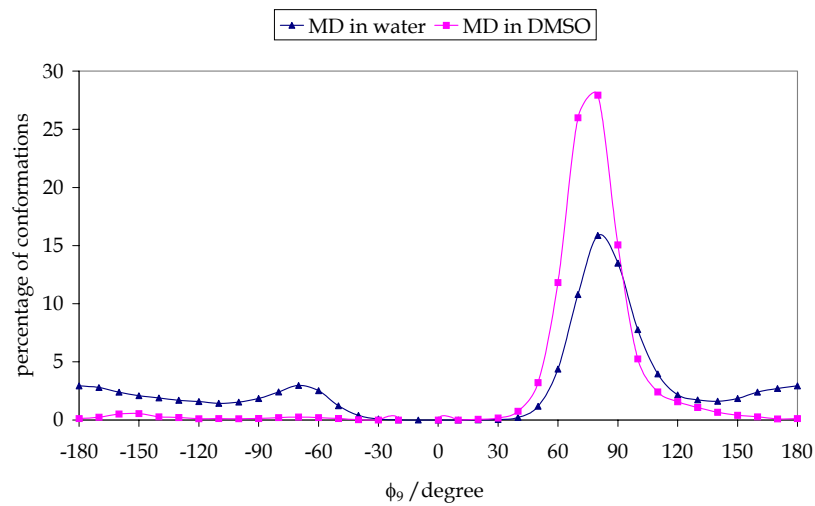
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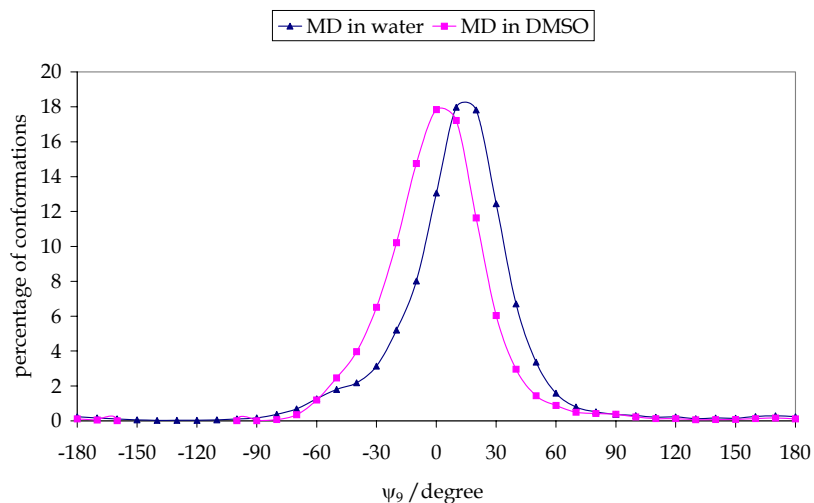


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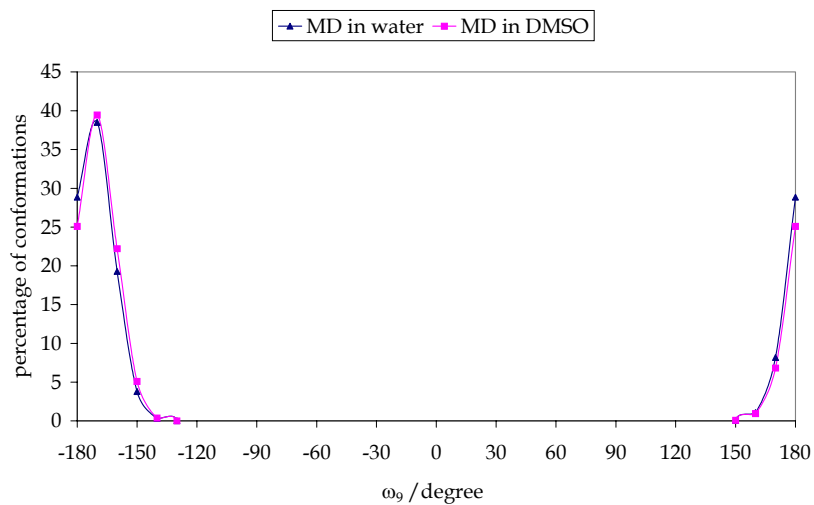


**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

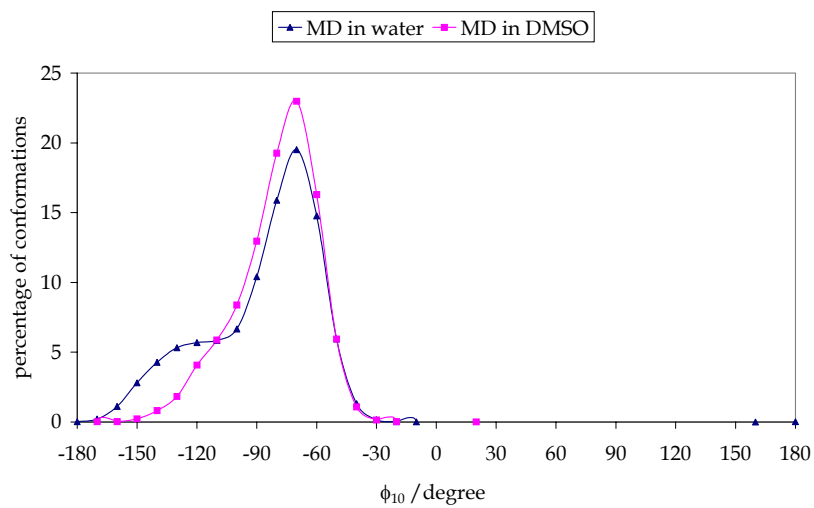
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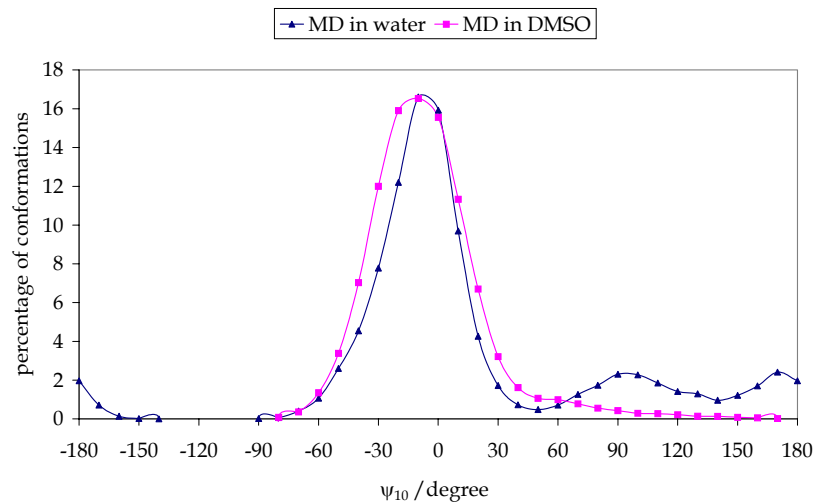


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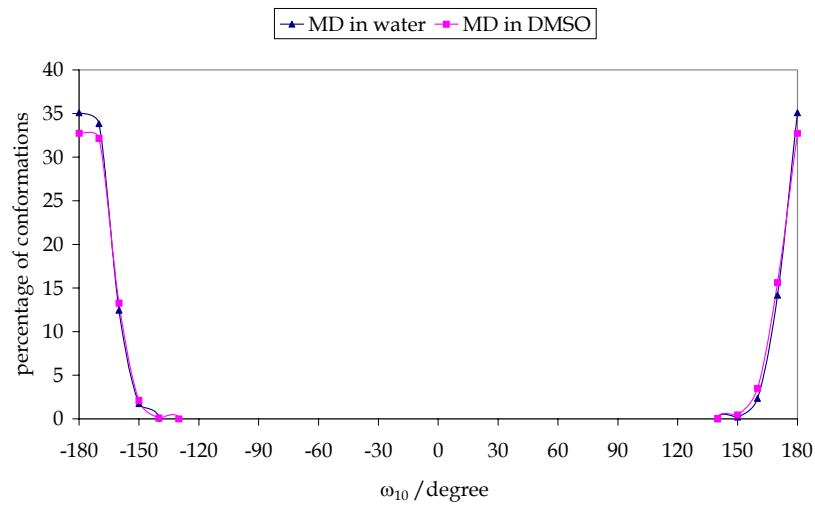


**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.

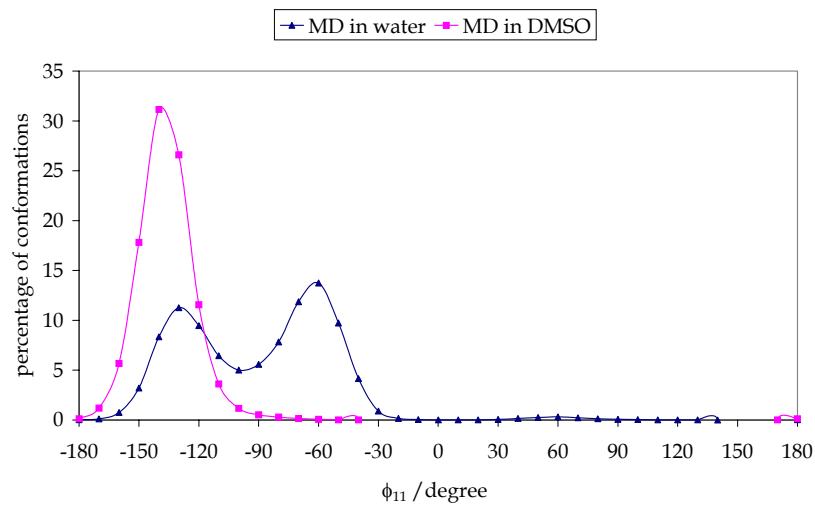
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**Figure A.5.** Probability distribution function of dihedral angles for SPOH in MD in water and DMSO.