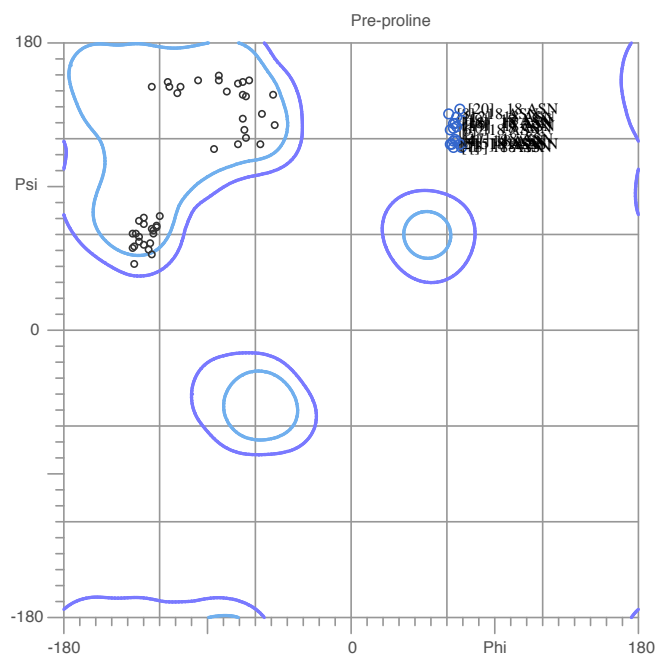
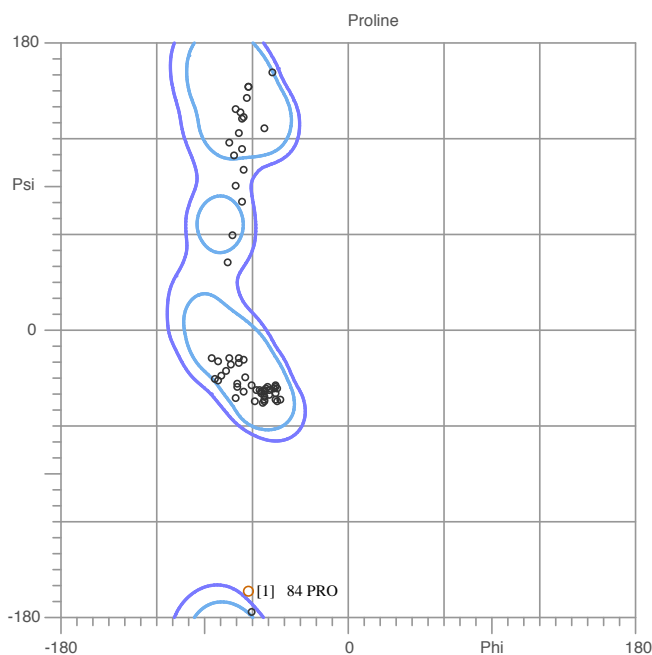
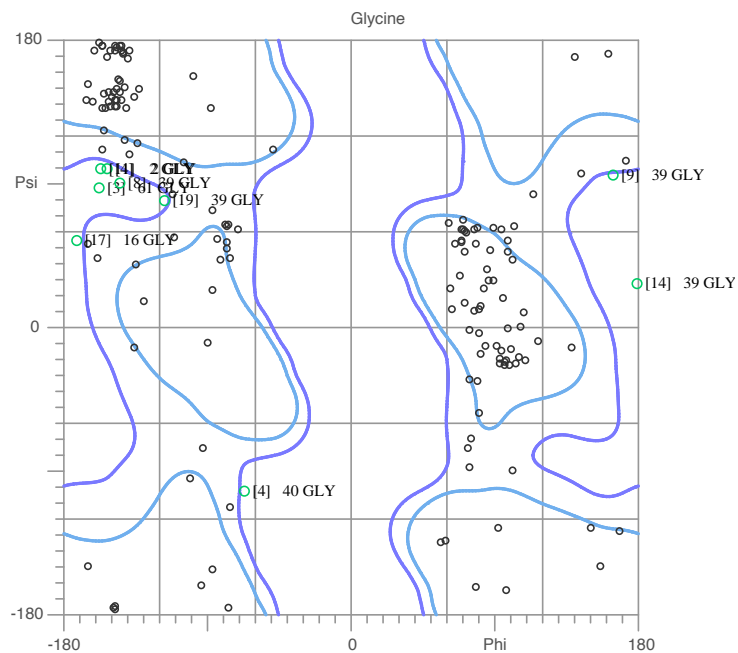
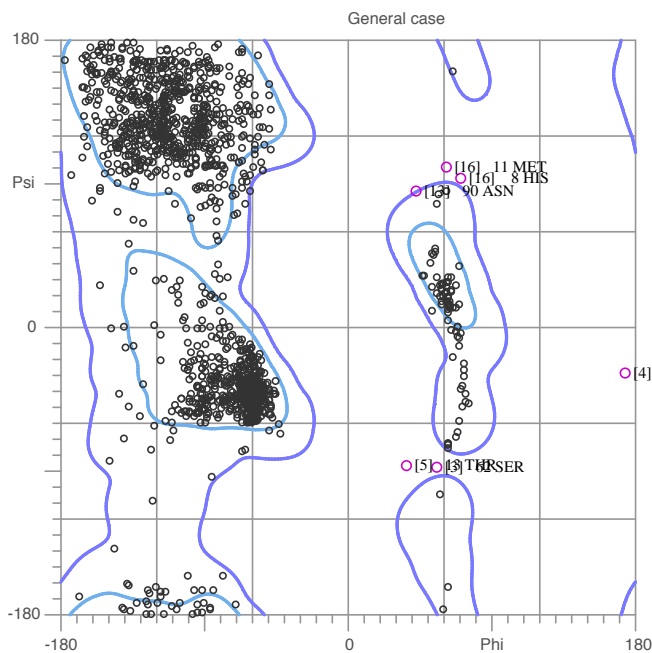


MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, all models



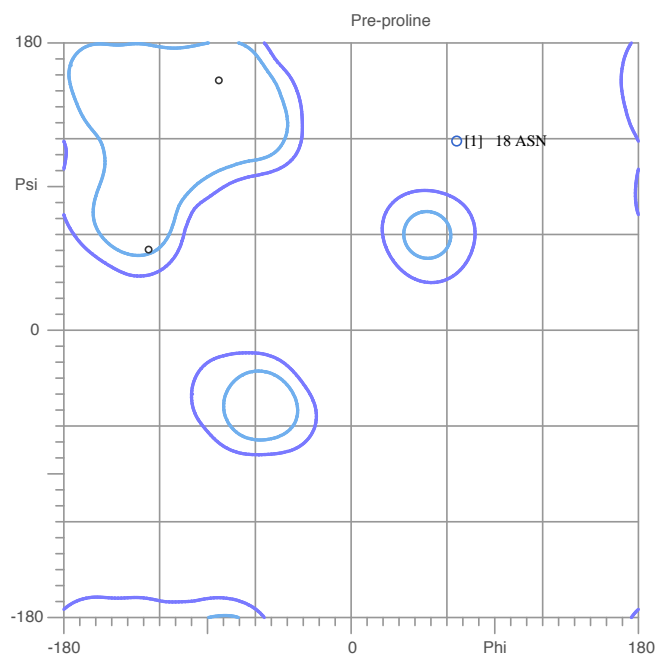
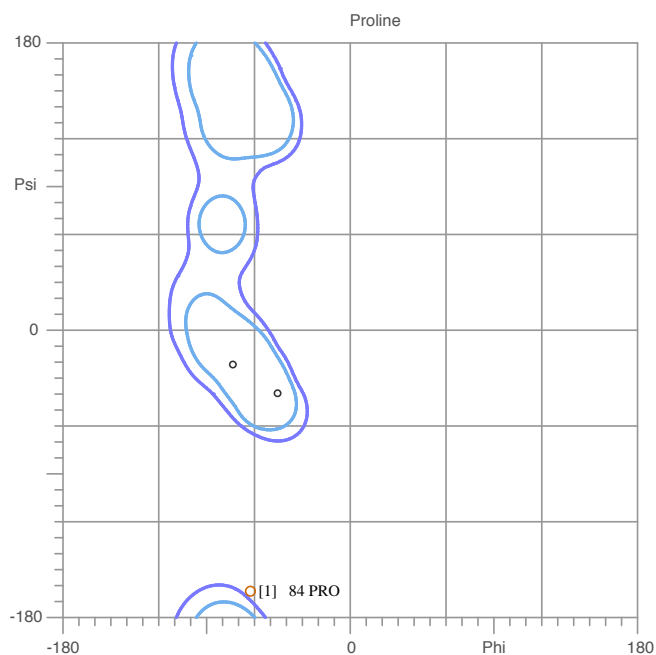
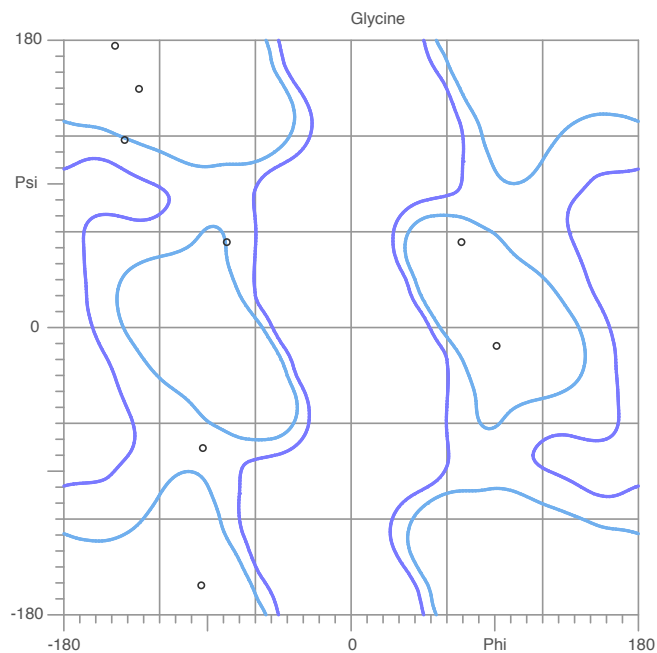
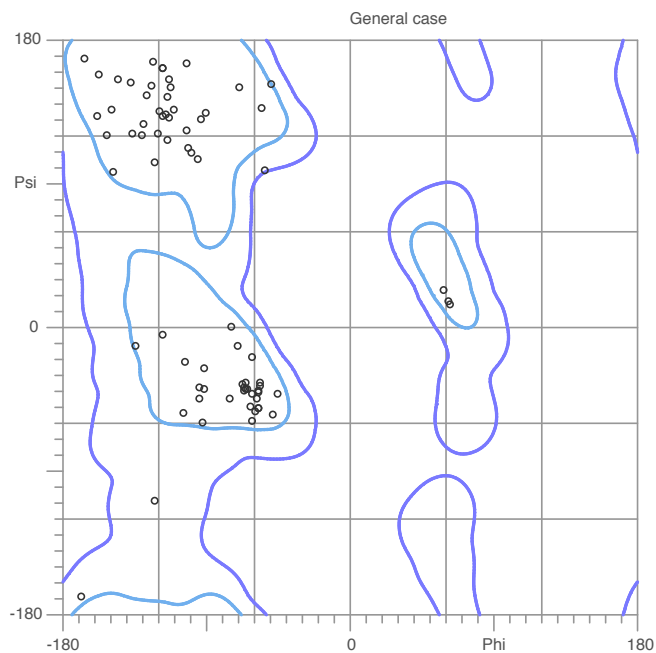
90.1% (1604/1780) of all residues were in favored (98%) regions.
98.1% (1747/1780) of all residues were in allowed (>99.8%) regions.

There were 33 outliers (phi, psi):

- | | |
|----------------------------|----------------------------|
| [1] 18 ASN (66.6, 119.1) | [8] 18 ASN (61.7, 136.1) |
| [1] 84 PRO (-63.4, -163.4) | [8] 39 GLY (-145.6, 91.1) |
| [2] 18 ASN (62.9, 117.6) | [9] 18 ASN (69.1, 132.6) |
| [3] 18 ASN (69.2, 115.9) | [9] 39 GLY (164.1, 96.6) |
| [3] 61 GLY (-159.0, 89.0) | [10] 18 ASN (64.2, 127.4) |
| [3] 62 SER (55.2, -87.9) | [11] 2 GLY (-157.6, 100.4) |
| [4] 2 GLY (-153.1, 100.4) | [12] 18 ASN (66.2, 134.4) |
| [4] 18 ASN (64.3, 119.4) | [13] 90 ASN (42.4, 86.0) |
| [4] 40 GLY (-67.3, -102.7) | [14] 39 GLY (179.3, 29.0) |
| [4] 42 HIS (173.6, -28.1) | [15] 18 ASN (68.2, 117.1) |
| [5] 13 THR (36.6, -86.4) | [16] 8 HIS (70.2, 94.7) |
| [5] 18 ASN (63.5, 118.0) | [16] 11 MET (61.8, 101.3) |
| [6] 18 ASN (62.8, 126.2) | [16] 18 ASN (64.9, 130.7) |
| [7] 18 ASN (64.6, 115.7) | [17] 16 GLY (-172.5, 55.5) |
| | [17] 18 ASN (65.9, 120.7) |
| | [18] 18 ASN (65.5, 130.9) |
| | [19] 18 ASN (66.9, 128.8) |
| | [19] 39 GLY (-117.7, 80.3) |
| | [20] 18 ASN (68.1, 139.9) |

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 1



91.0% (81/89) of all residues were in favored (98%) regions.
97.8% (87/89) of all residues were in allowed (>99.8%) regions.

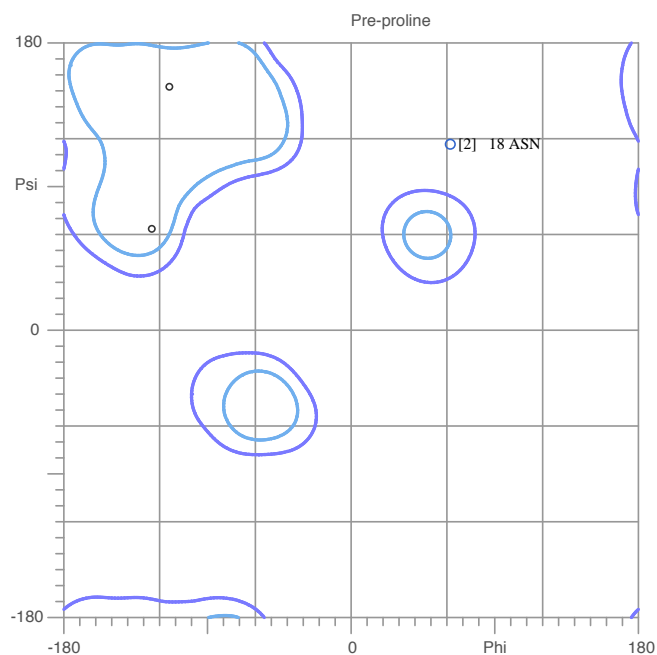
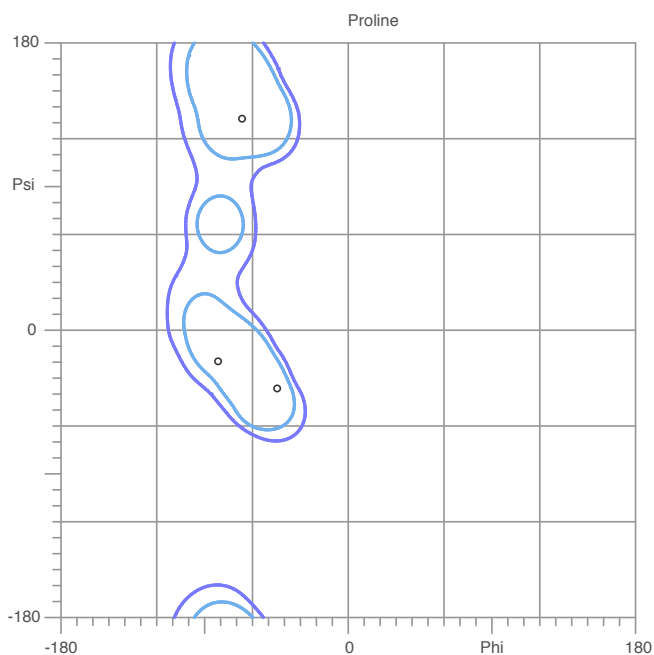
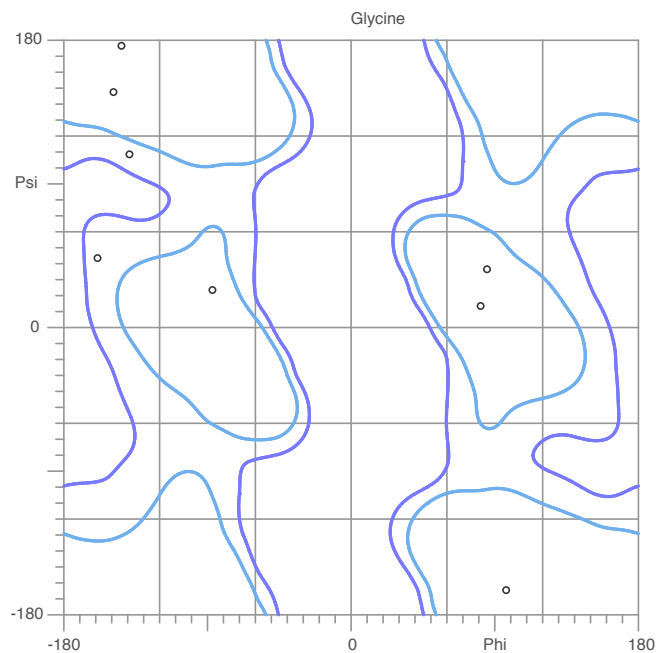
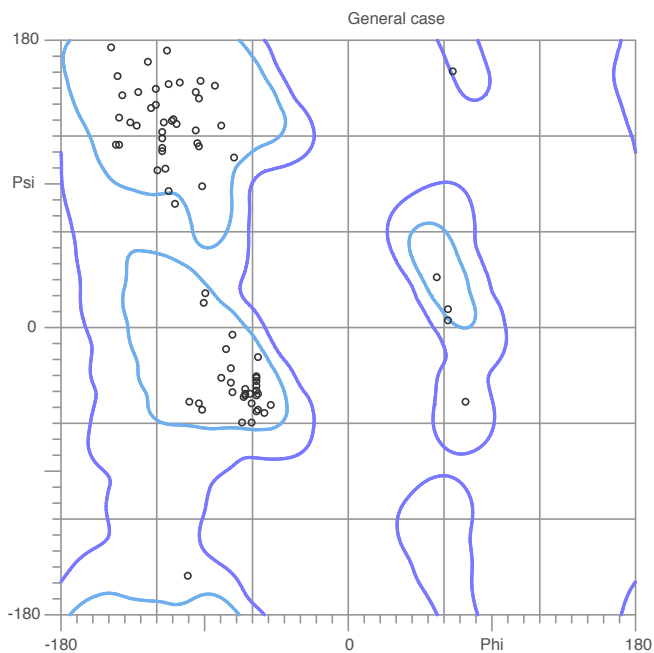
There were 2 outliers (phi, psi):

[1] 18 ASN (66.6, 119.1)

[1] 84 PRO (-63.4, -163.4)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 2



91.0% (81/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

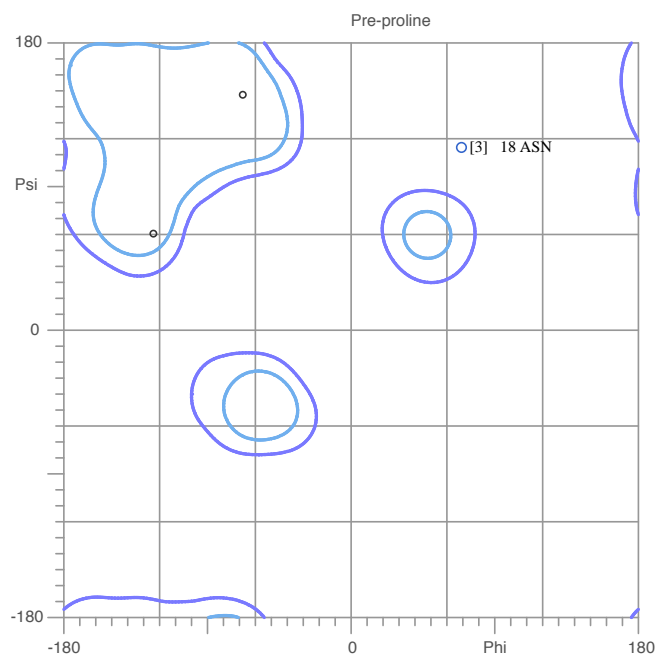
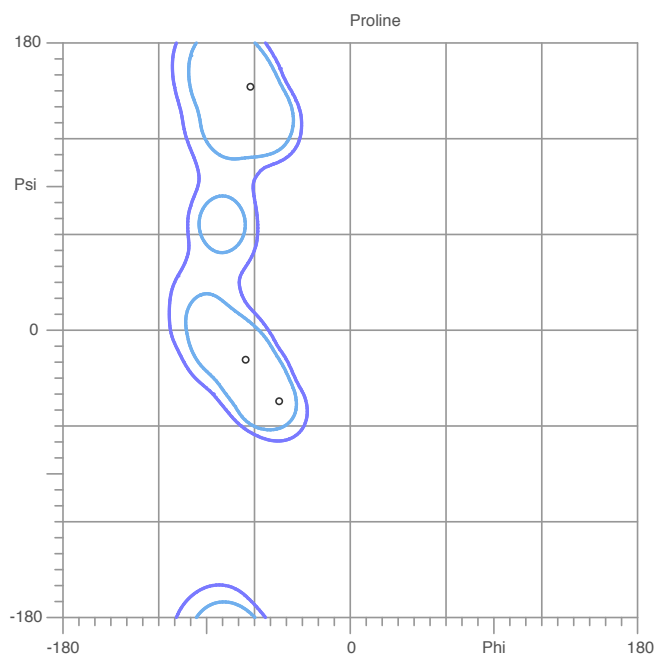
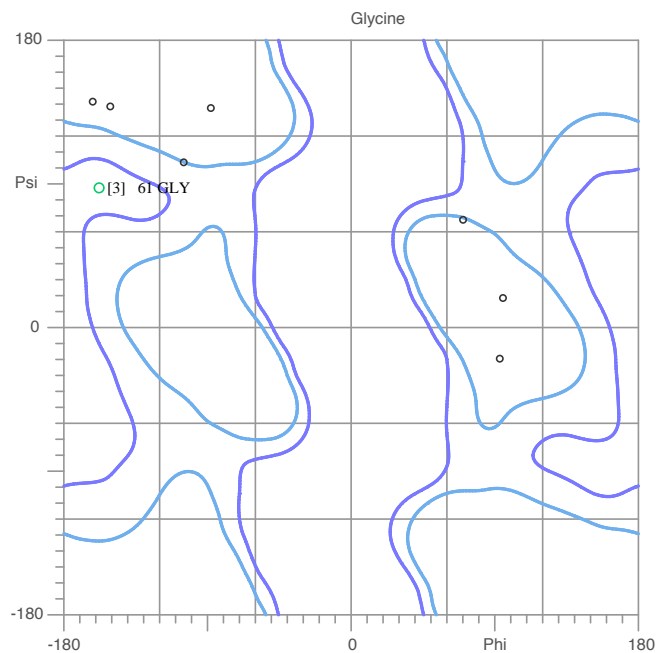
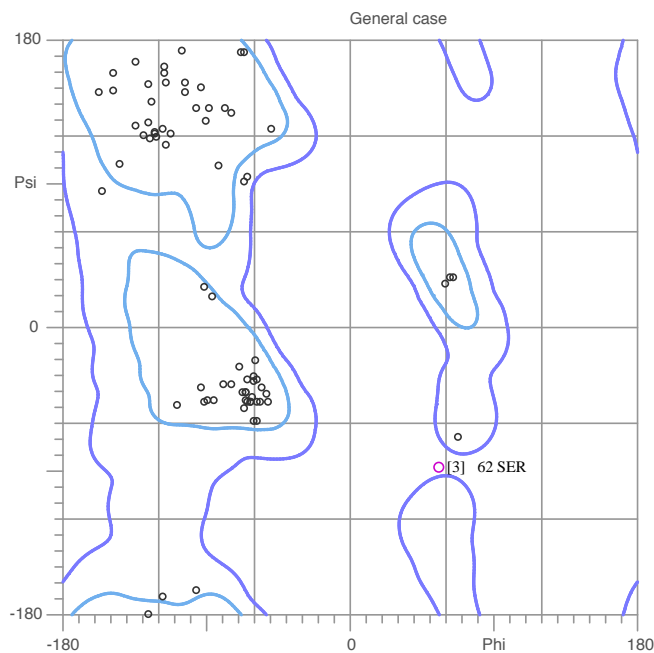
There were 1 outliers (phi, psi):
[2] 18 ASN (62.9, 117.6)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 3



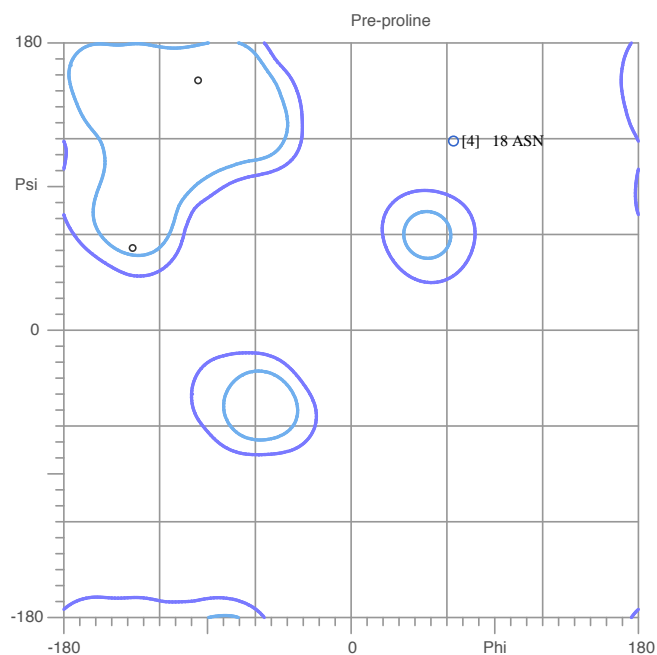
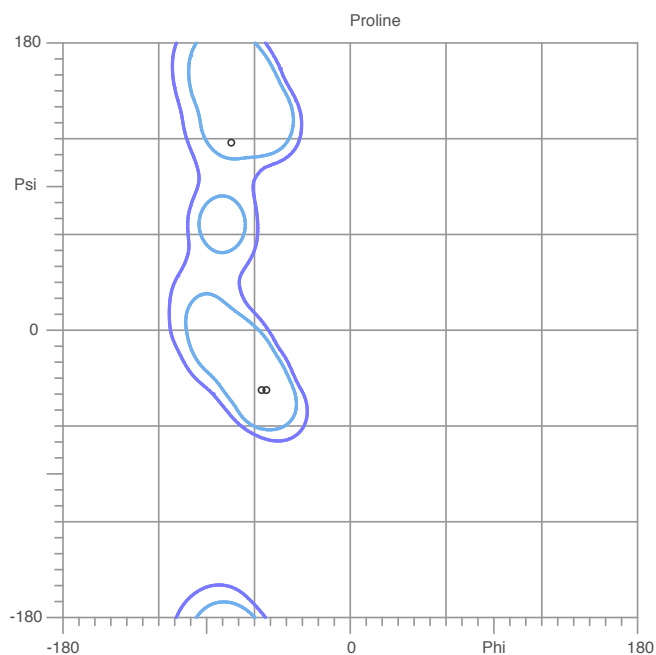
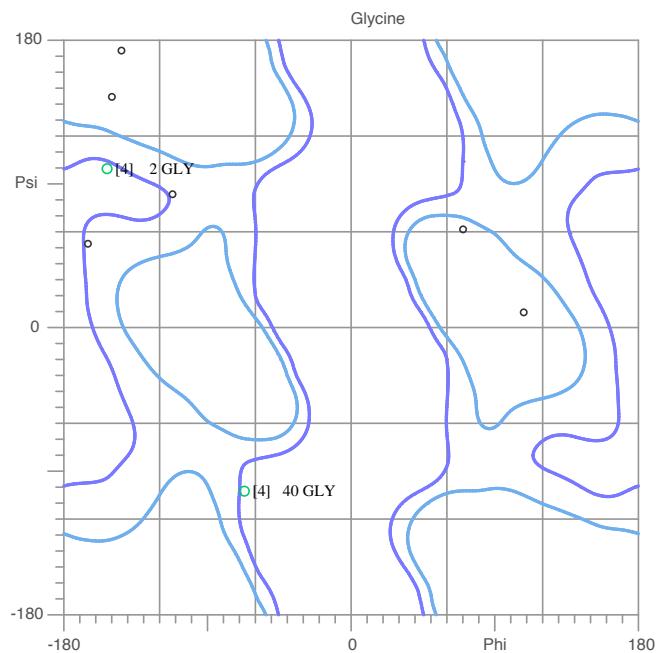
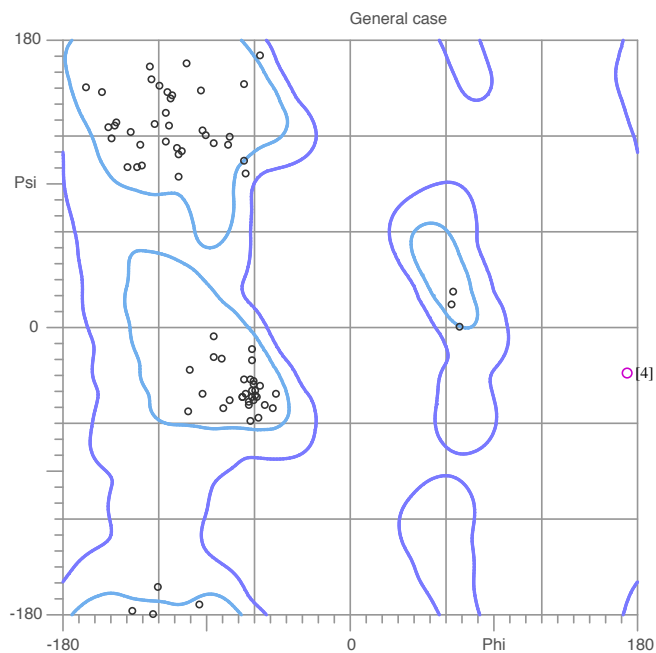
89.9% (80/89) of all residues were in favored (98%) regions.
96.6% (86/89) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [3] 18 ASN (69.2, 115.9)
- [3] 61 GLY (-159.0, 89.0)
- [3] 62 SER (55.2, -87.9)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 4



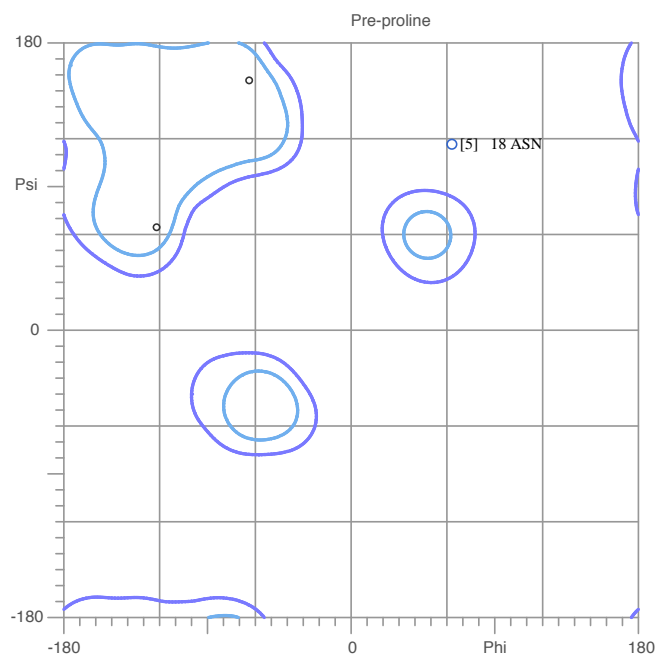
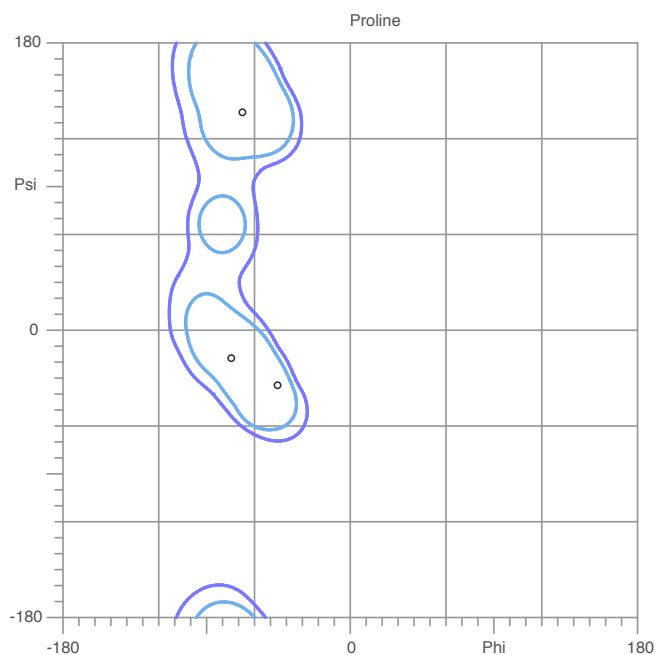
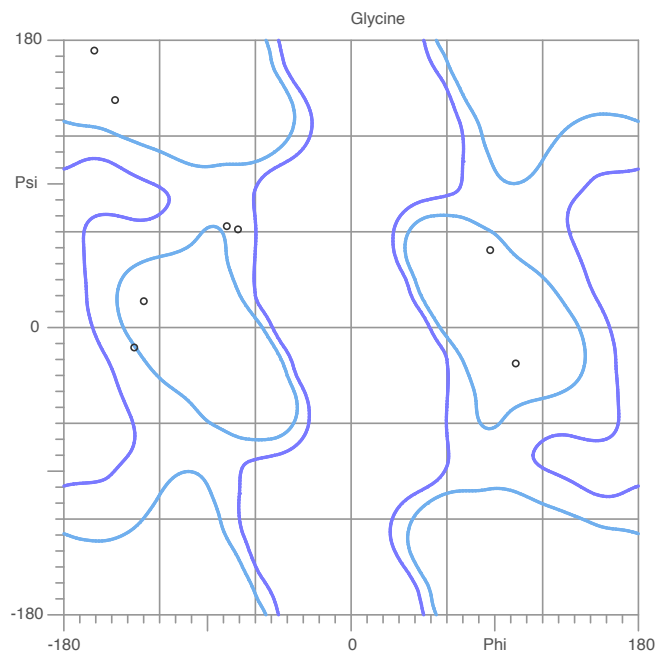
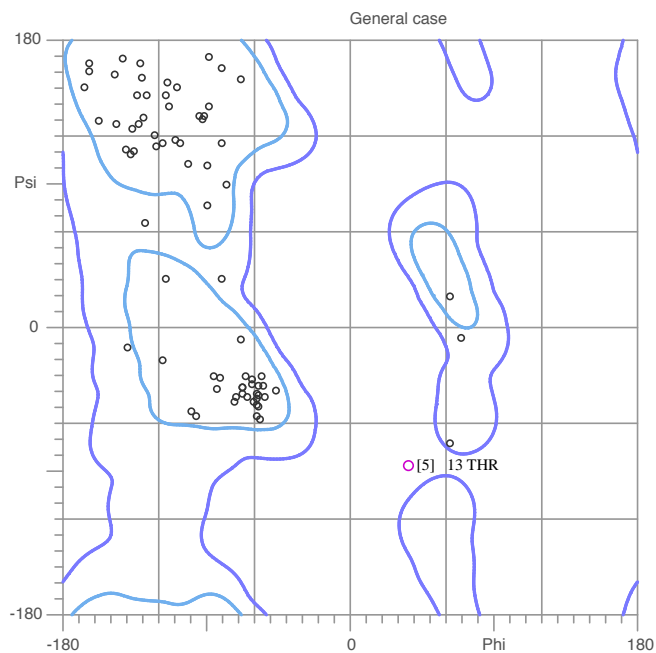
89.9% (80/89) of all residues were in favored (98%) regions.
95.5% (85/89) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

- [4] 2 GLY (-153.1, 100.4)
- [4] 18 ASN (64.3, 119.4)
- [4] 40 GLY (-67.3, -102.7)
- [4] 42 HIS (173.6, -28.1)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 5



88.8% (79/89) of all residues were in favored (98%) regions.
97.8% (87/89) of all residues were in allowed (>99.8%) regions.

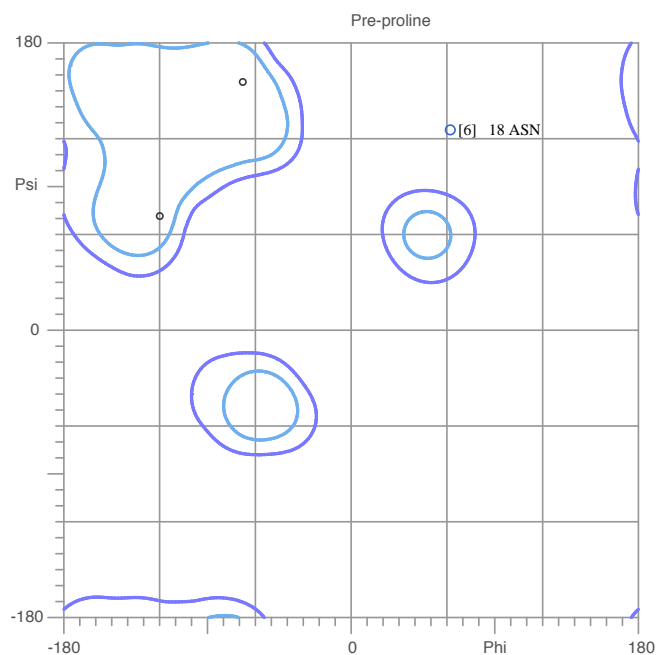
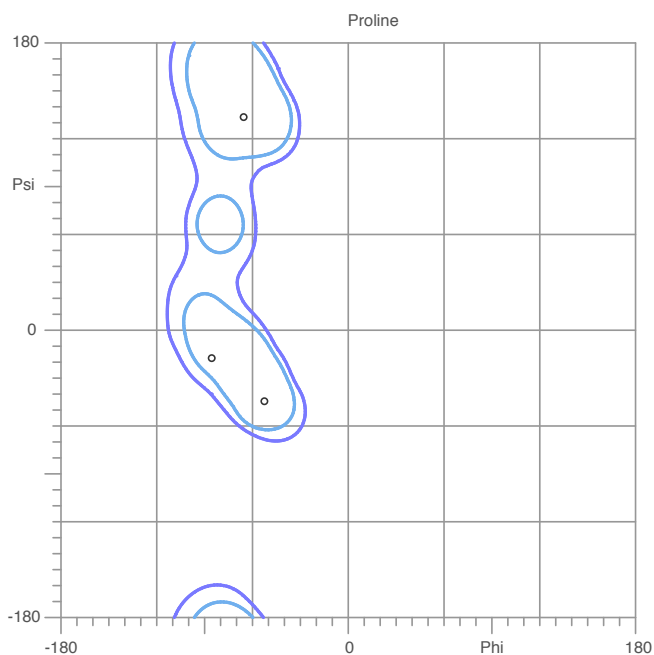
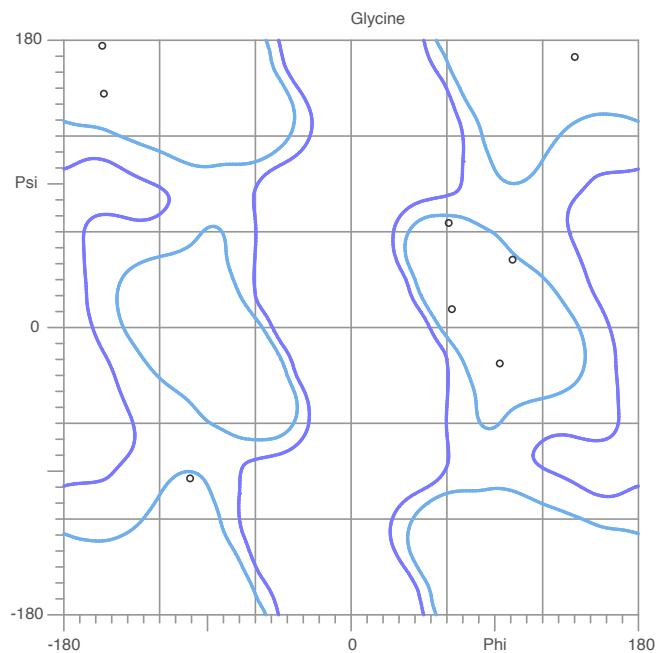
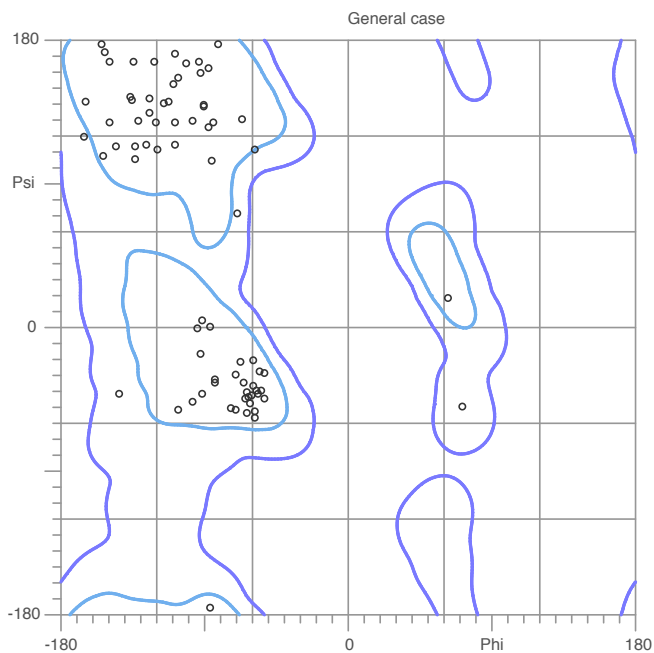
There were 2 outliers (phi, psi):

[5] 13 THR (36.6, -86.4)

[5] 18 ASN (63.5, 118.0)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 6



94.4% (84/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

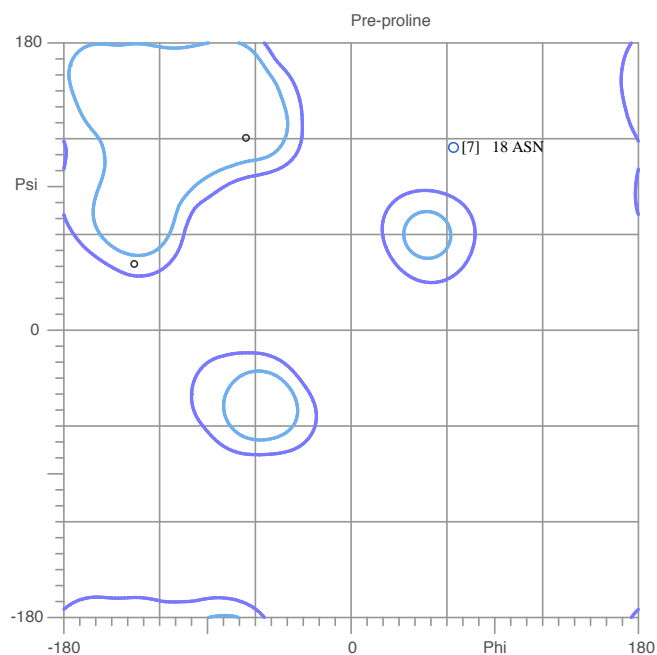
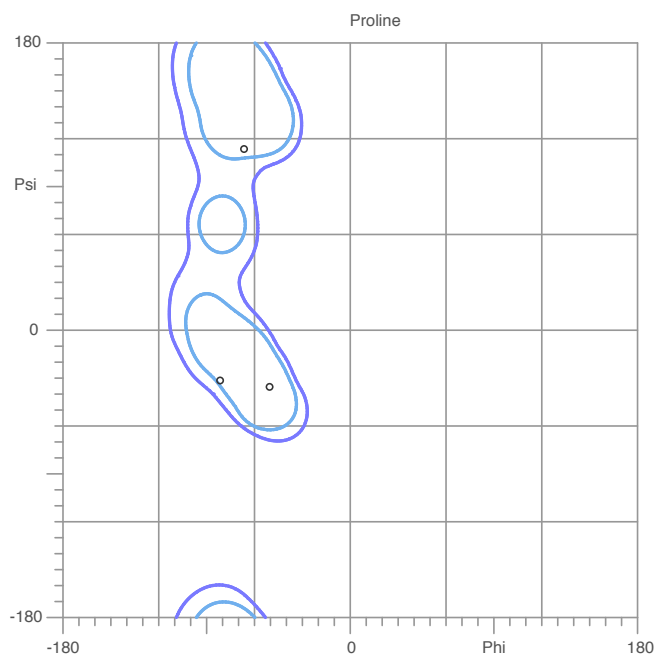
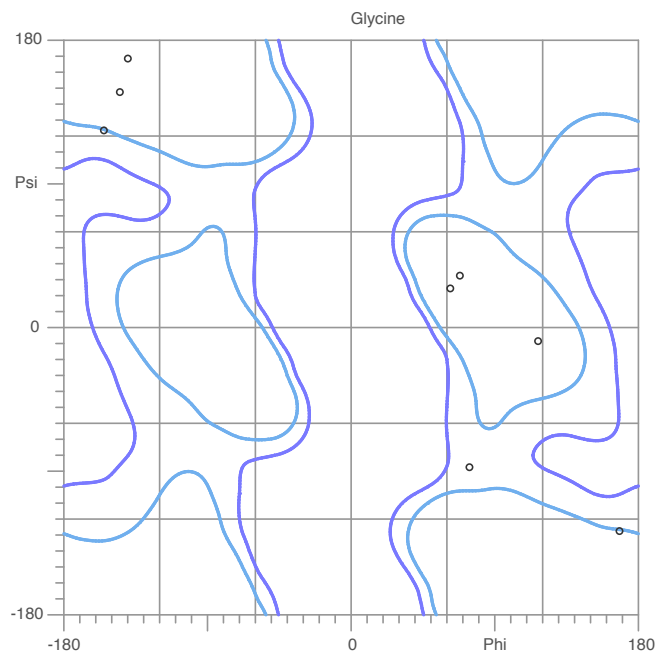
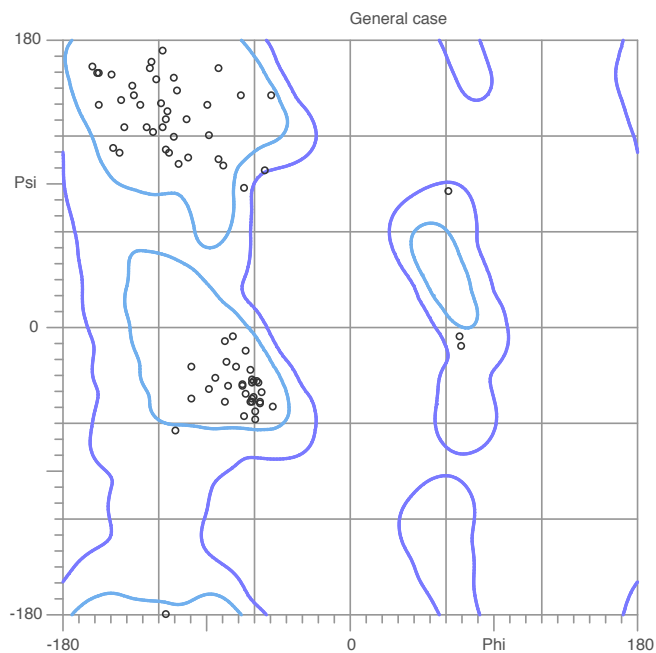
There were 1 outliers (phi, psi):
[6] 18 ASN (62.8, 126.2)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 7



89.9% (80/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

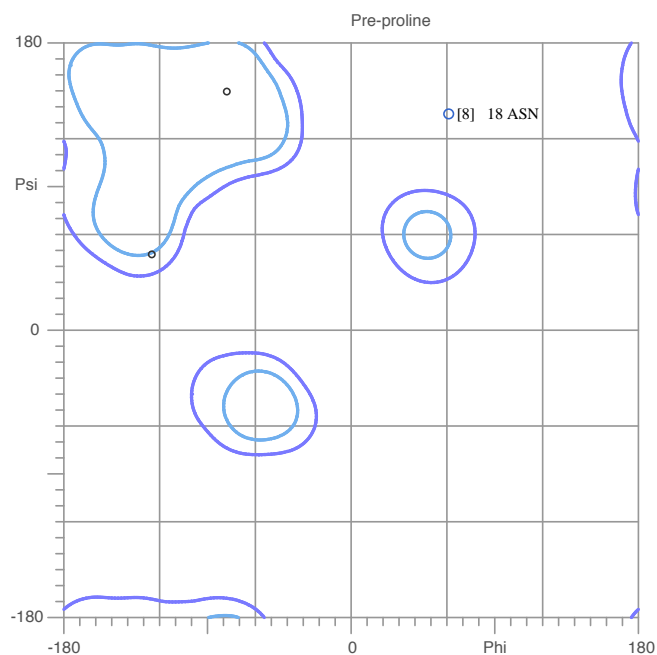
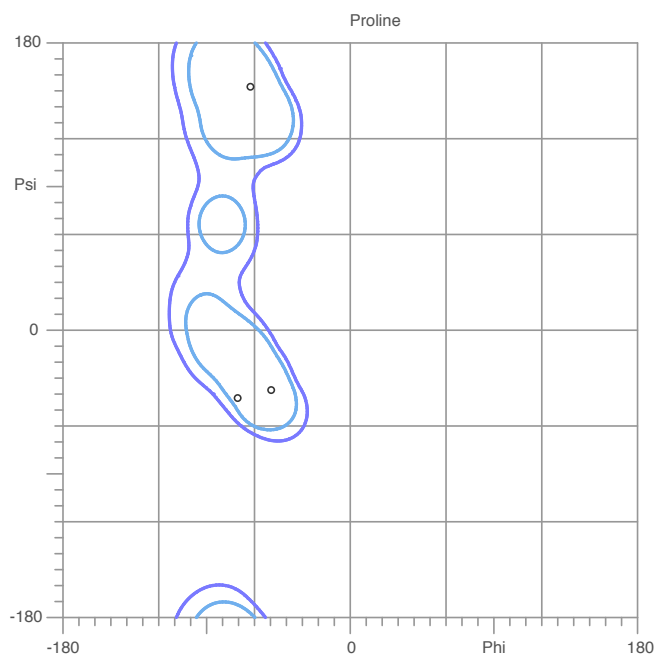
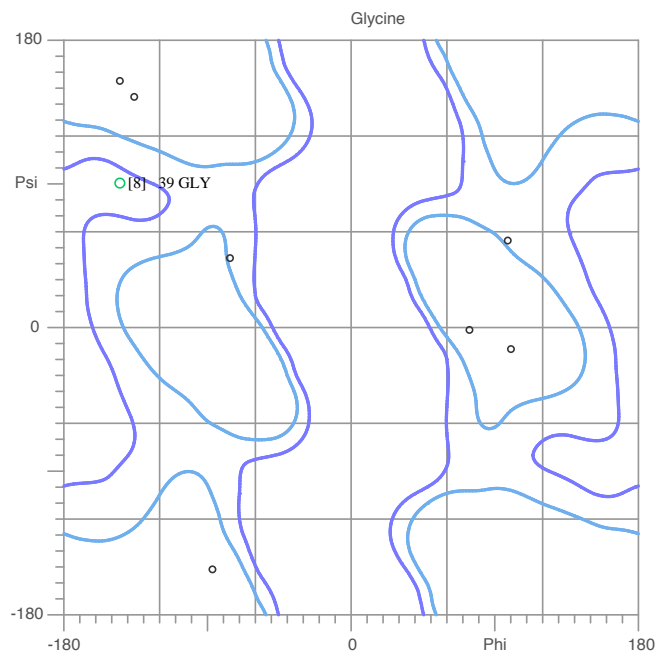
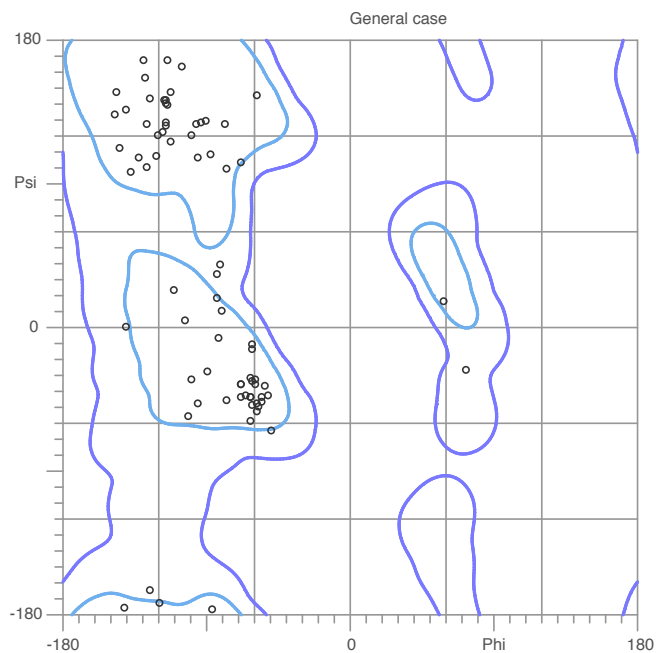
There were 1 outliers (phi, psi):
[7] 18 ASN (64.6, 115.7)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 8



87.6% (78/89) of all residues were in favored (98%) regions.
97.8% (87/89) of all residues were in allowed (>99.8%) regions.

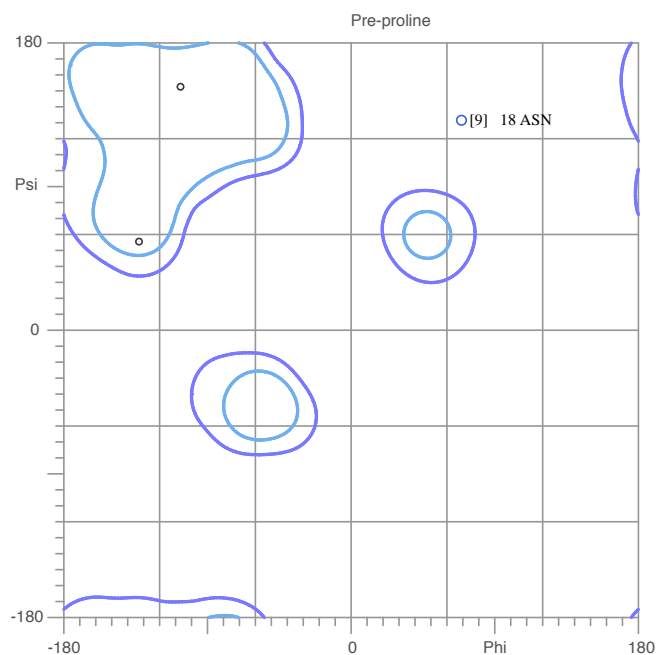
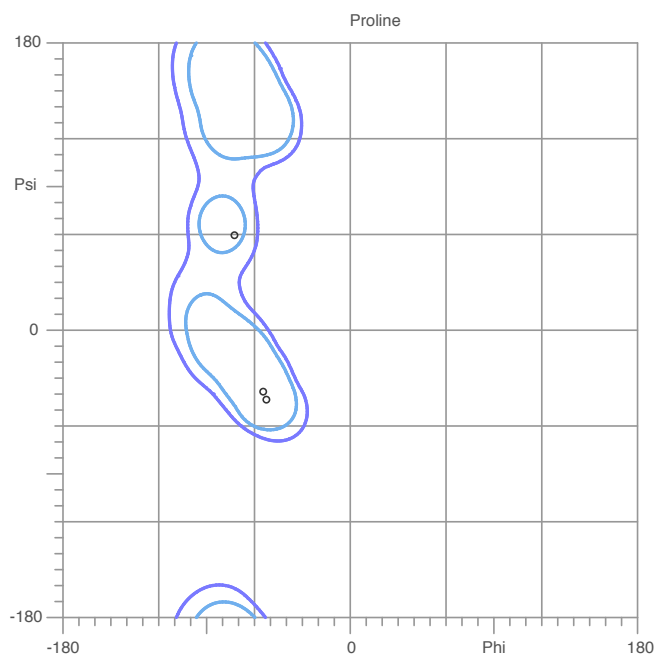
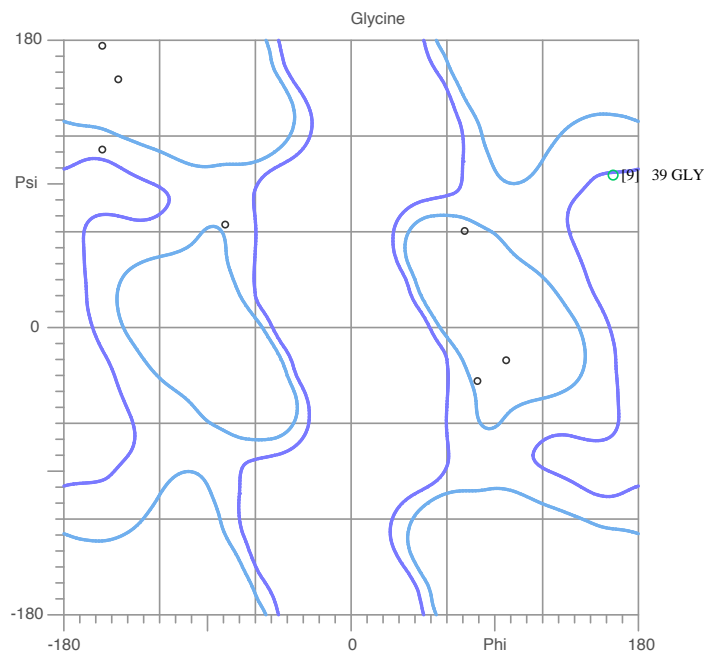
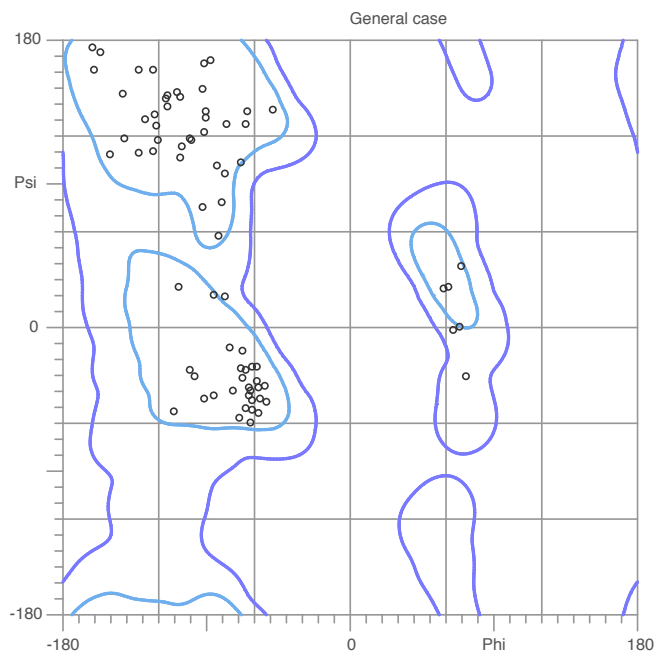
There were 2 outliers (phi, psi):

[8] 18 ASN (61.7, 136.1)

[8] 39 GLY (-145.6, 91.1)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 9



92.1% (82/89) of all residues were in favored (98%) regions.
97.8% (87/89) of all residues were in allowed (>99.8%) regions.

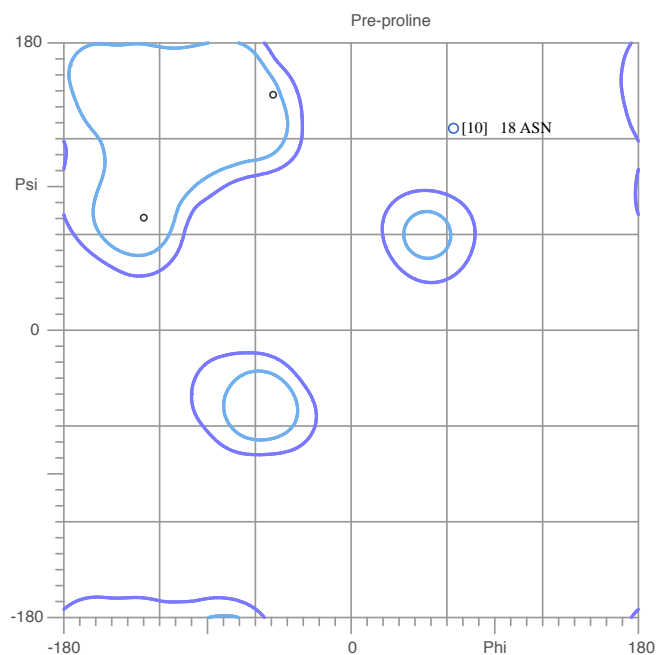
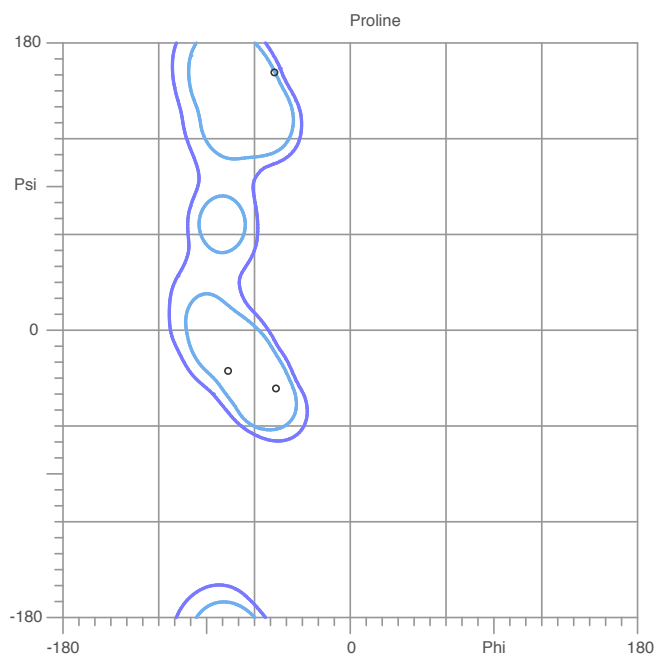
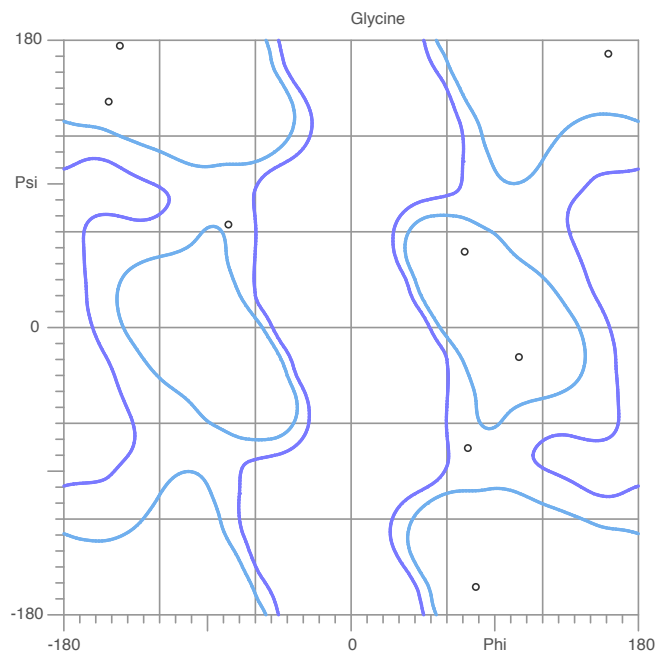
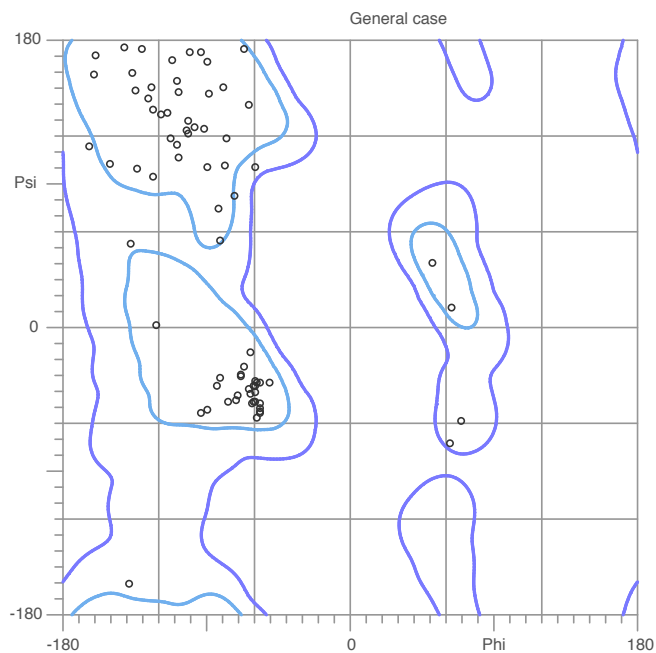
There were 2 outliers (phi, psi):

[9] 18 ASN (69.1, 132.6)

[9] 39 GLY (164.1, 96.6)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 10



89.9% (80/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

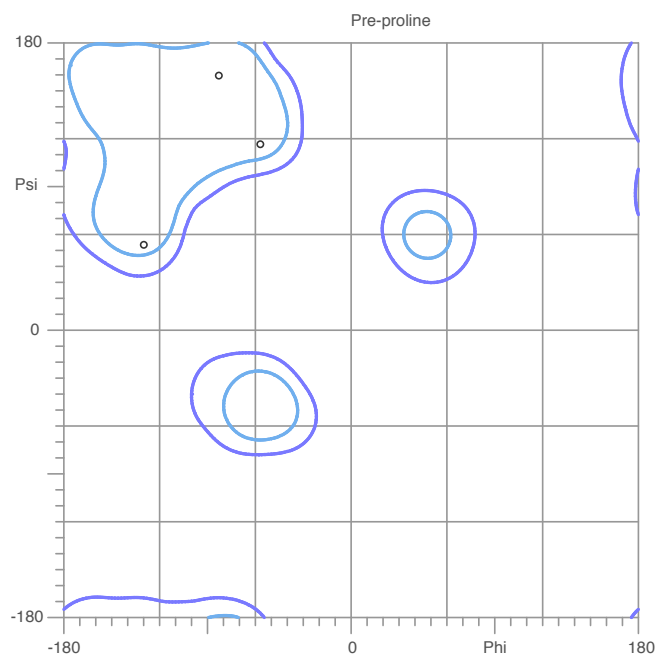
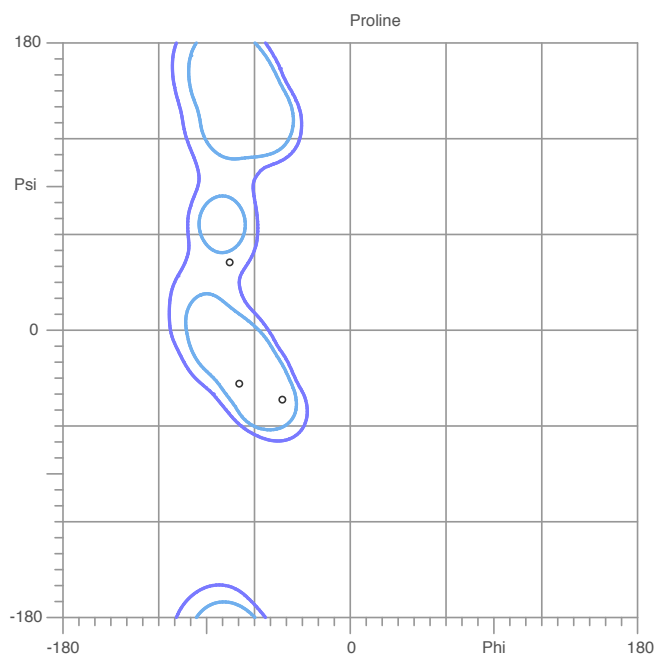
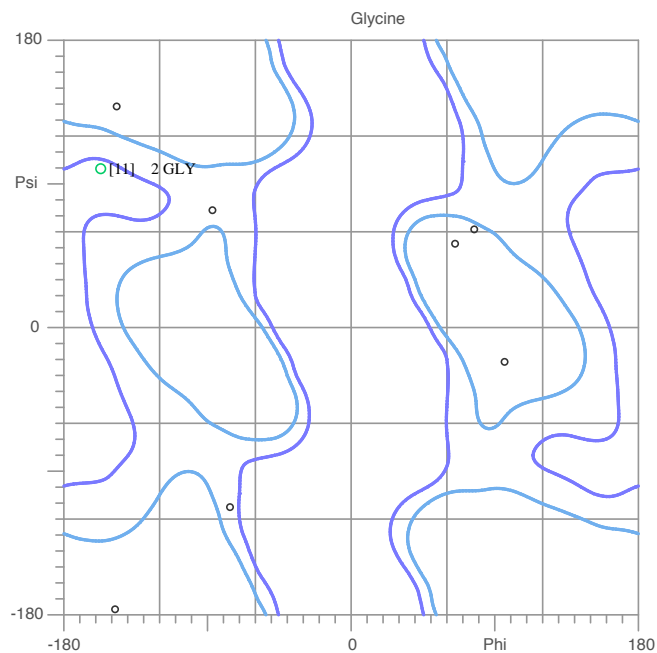
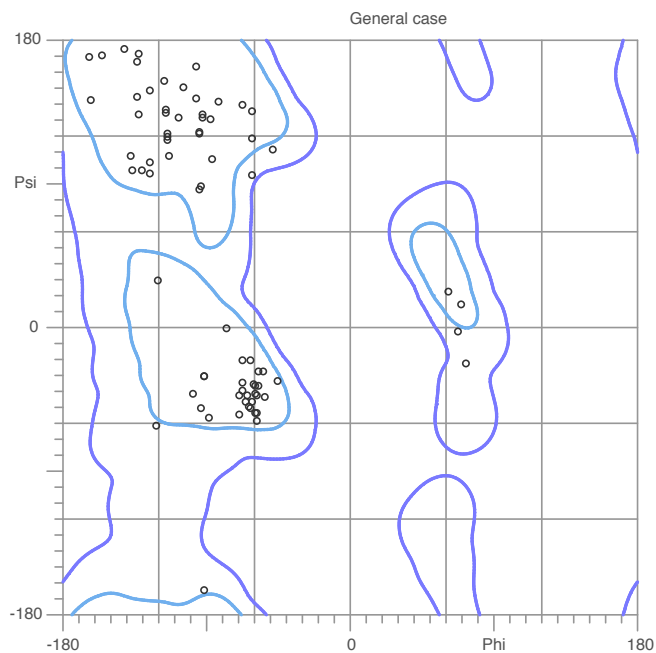
There were 1 outliers (phi, psi):
[10] 18 ASN (64.2, 127.4)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 11



88.8% (79/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

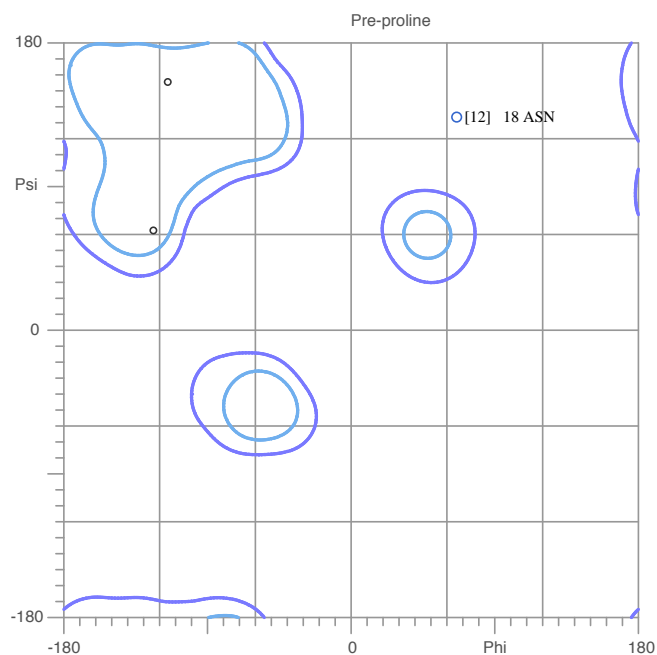
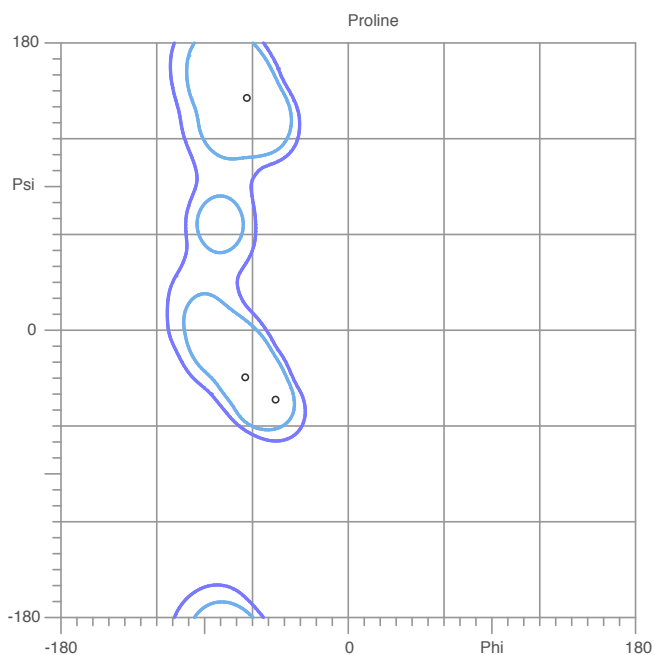
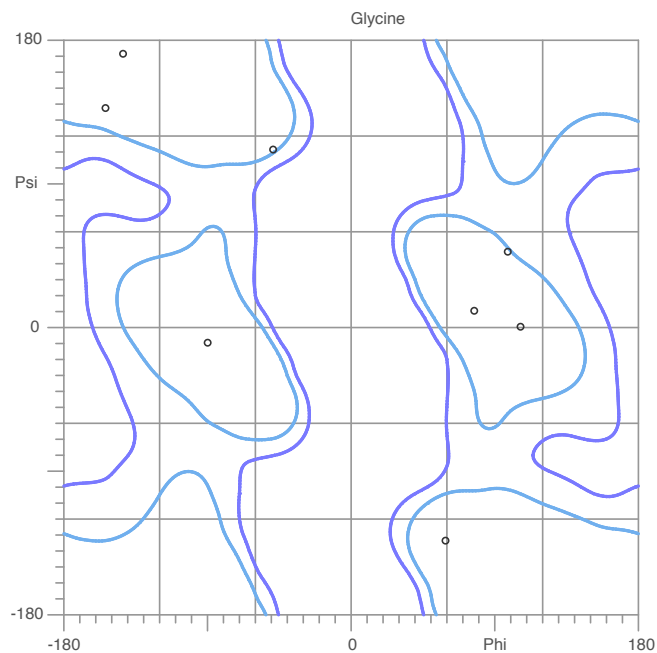
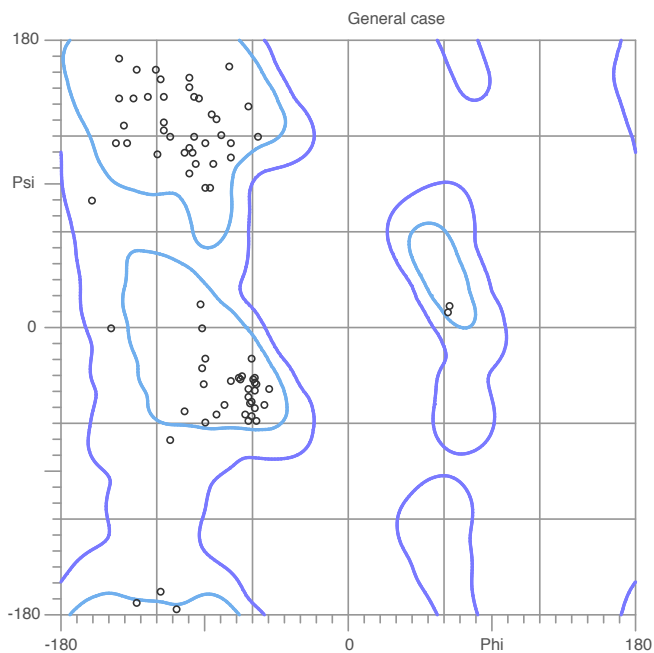
There were 1 outliers (phi, psi):
[11] 2 GLY (-157.6, 100.4)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 12



94.4% (84/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

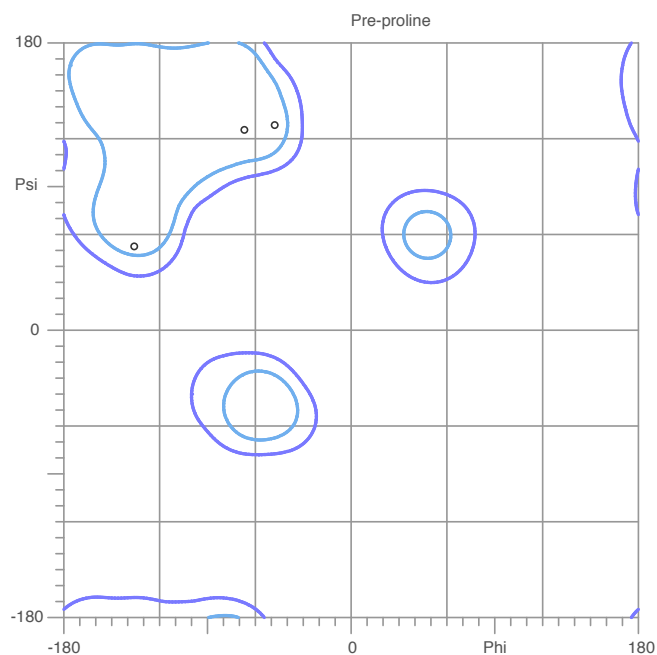
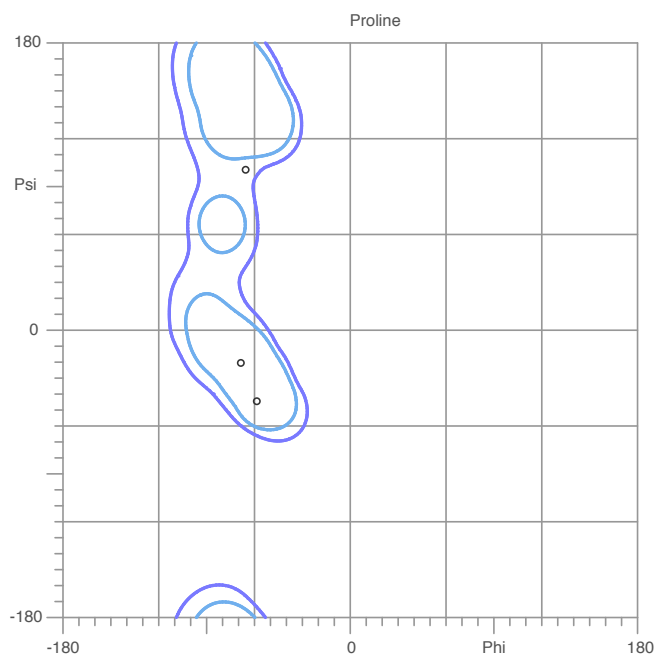
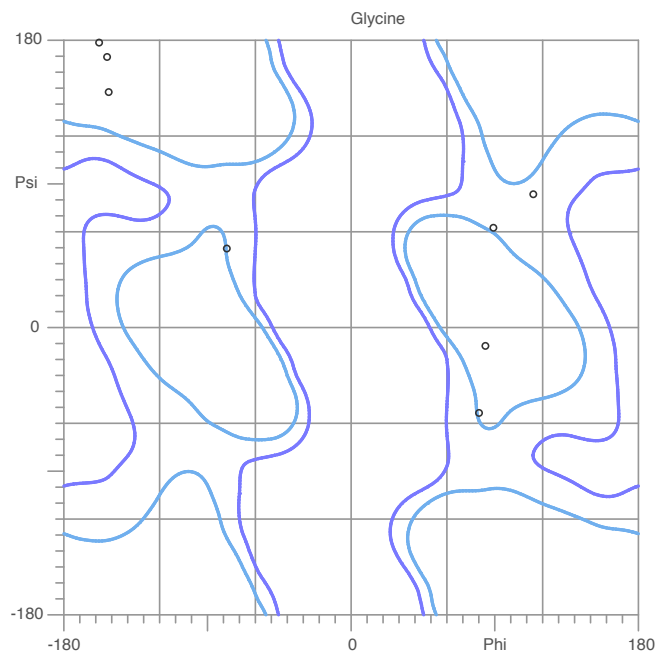
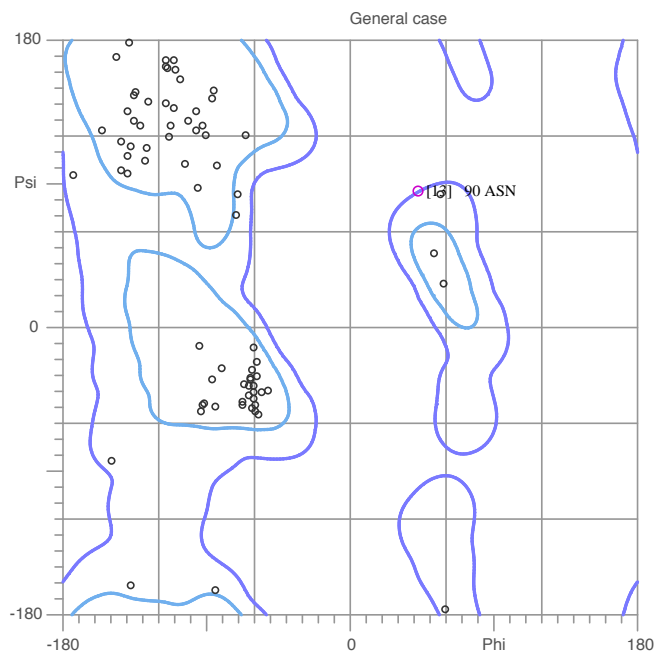
There were 1 outliers (phi, psi):
[12] 18 ASN (66.2, 134.4)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 13



86.5% (77/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

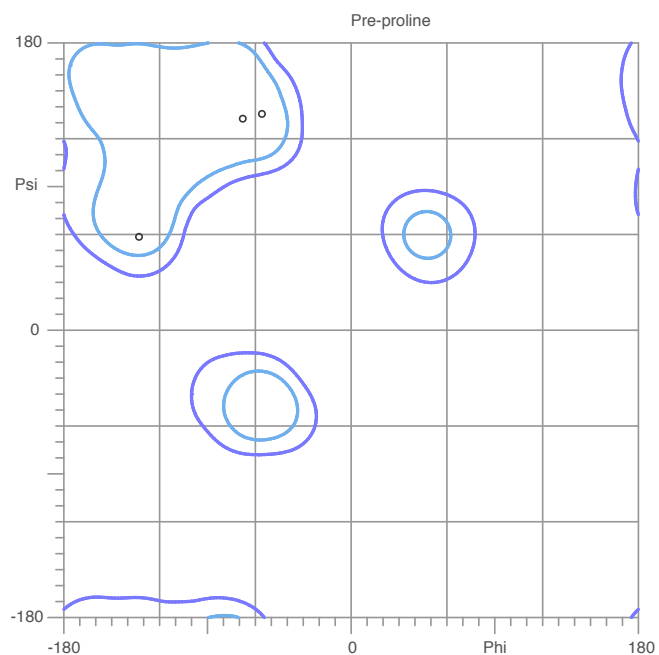
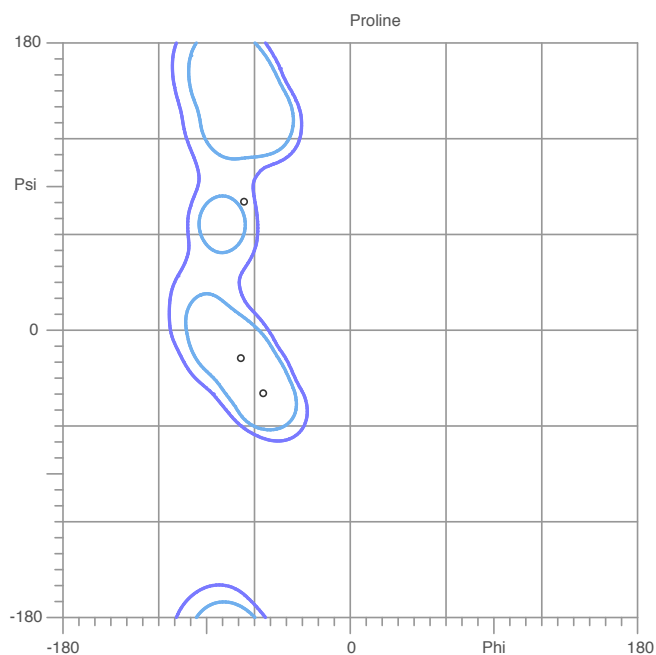
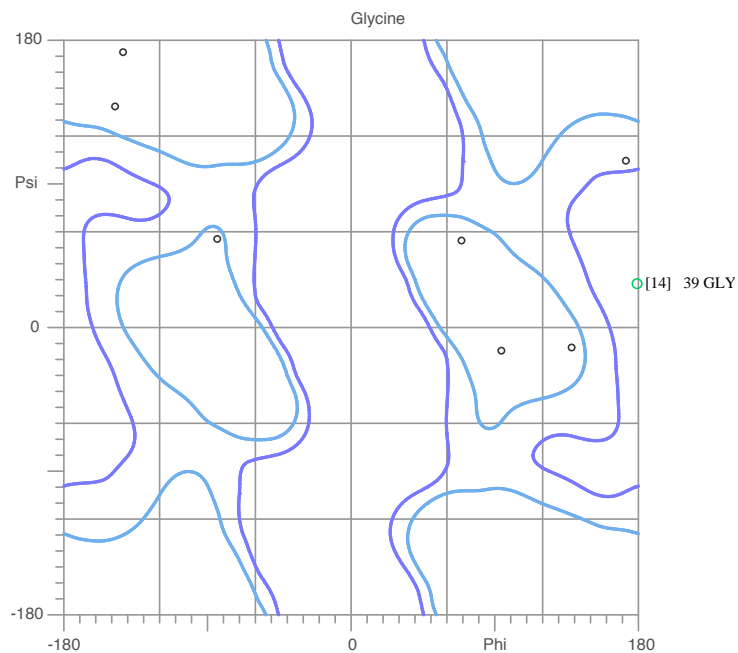
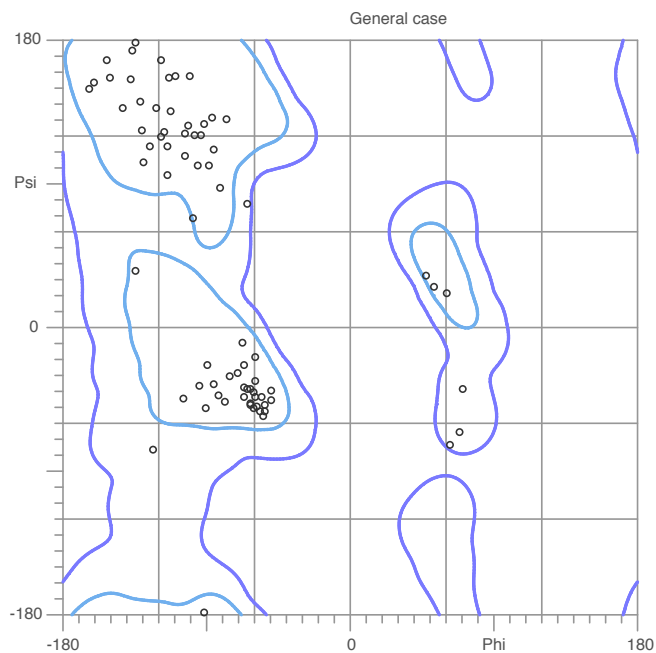
There were 1 outliers (phi, psi):
[13] 90 ASN (42.4, 86.0)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 14



89.9% (80/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

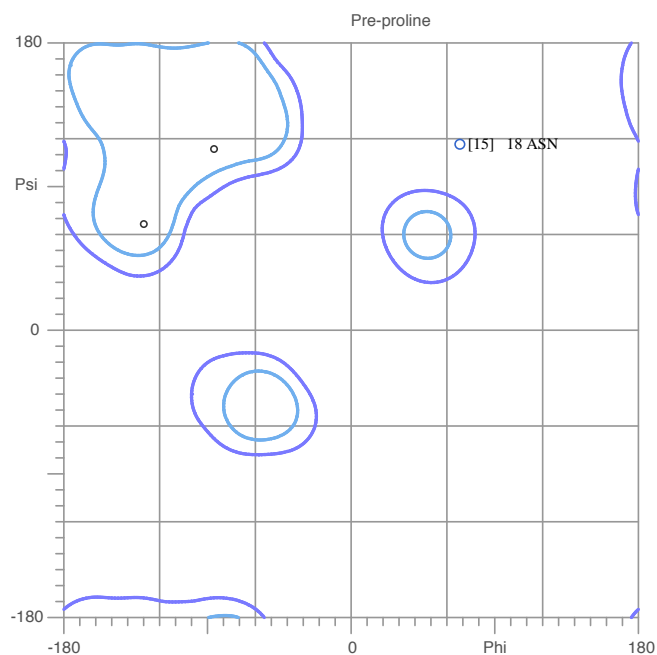
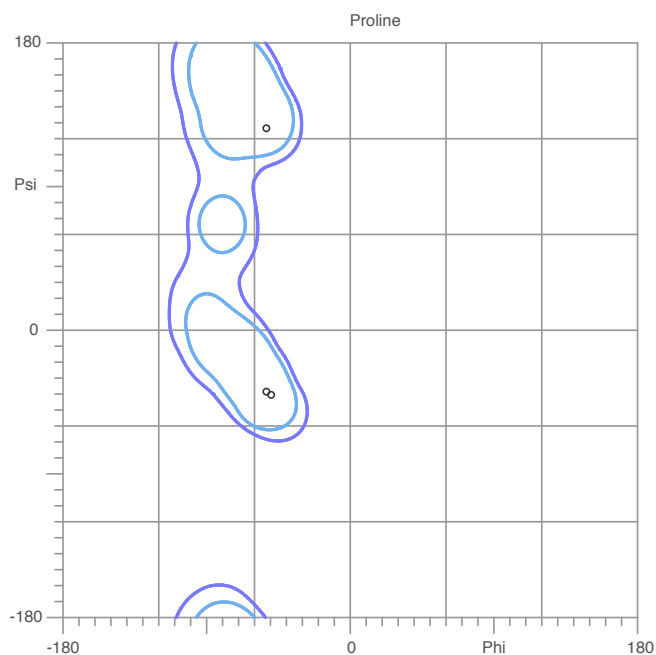
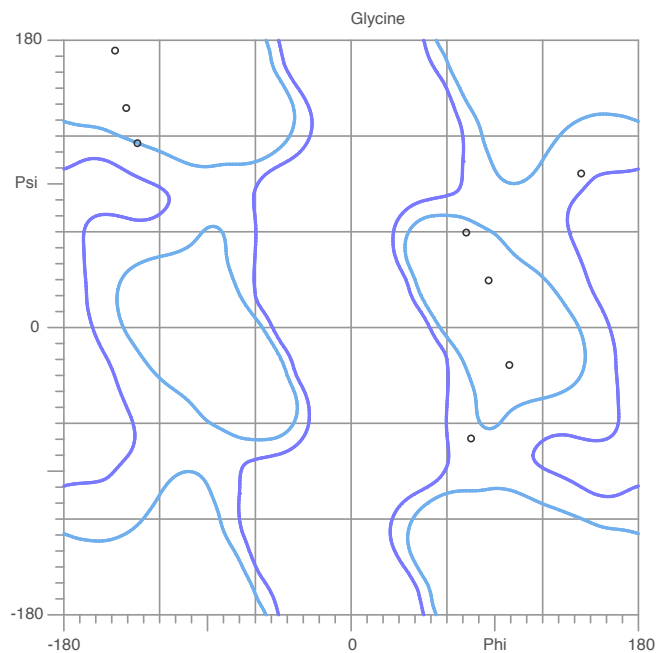
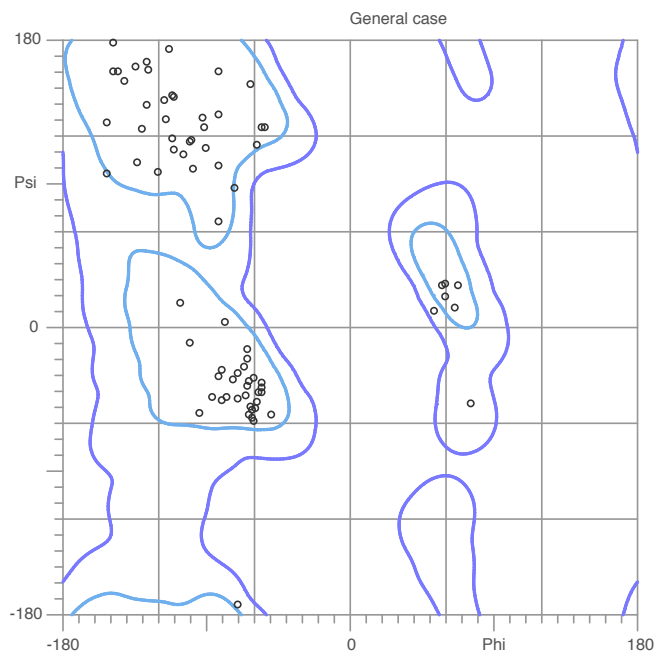
There were 1 outliers (phi, psi):
[14] 39 GLY (179.3, 29.0)

<http://kinemage.biochem.duke.edu>

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 15



92.1% (82/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

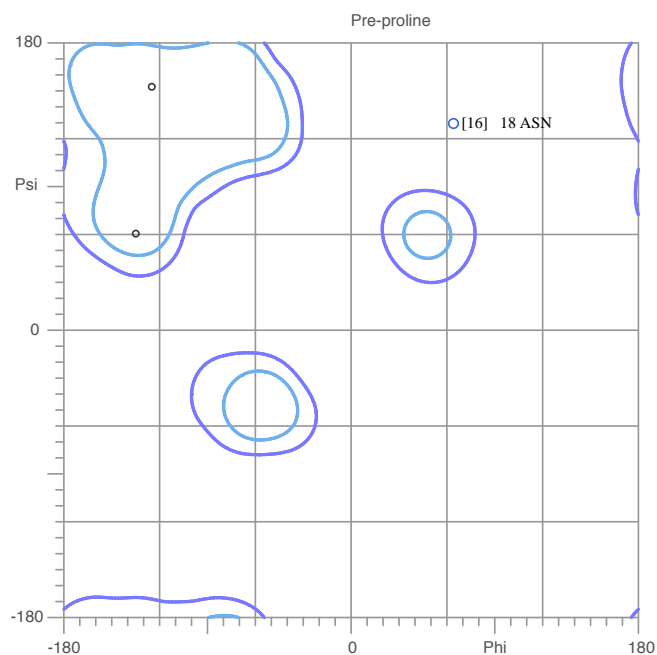
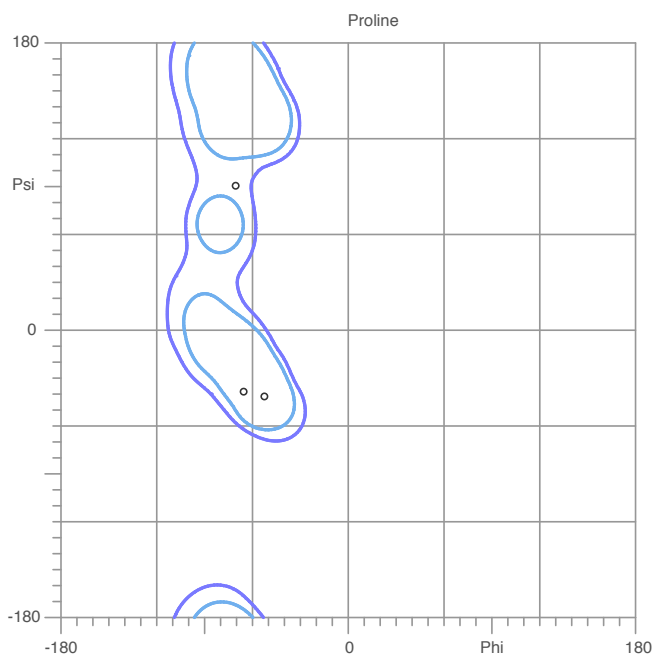
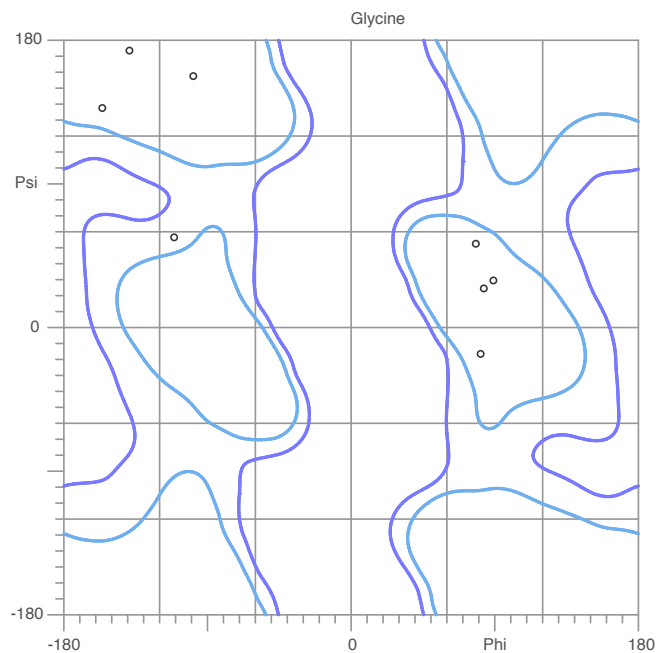
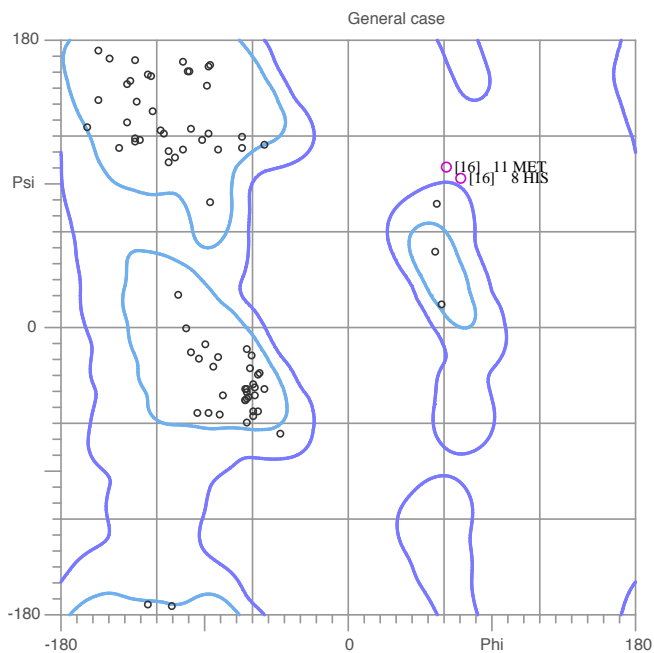
There were 1 outliers (phi, psi):
[15] 18 ASN (68.2, 117.1)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 16



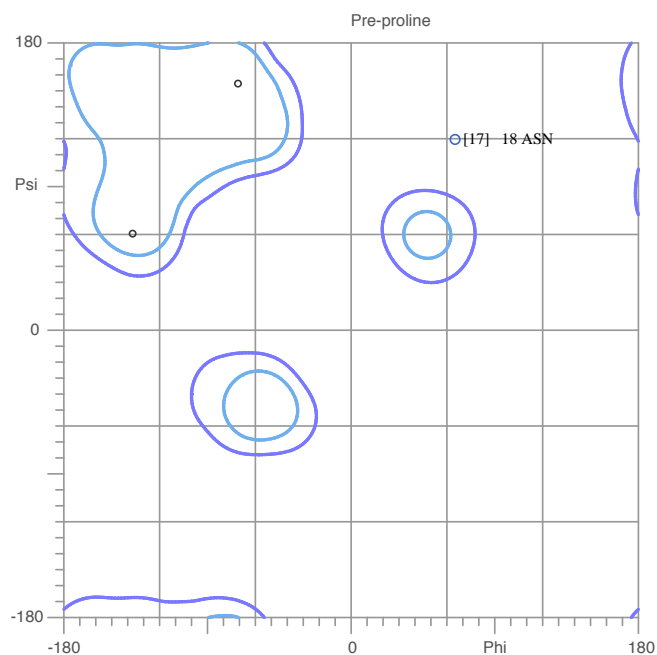
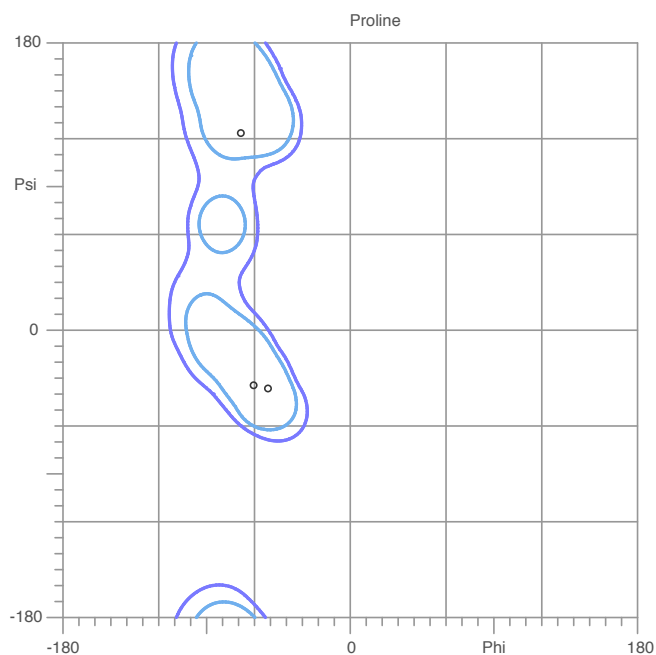
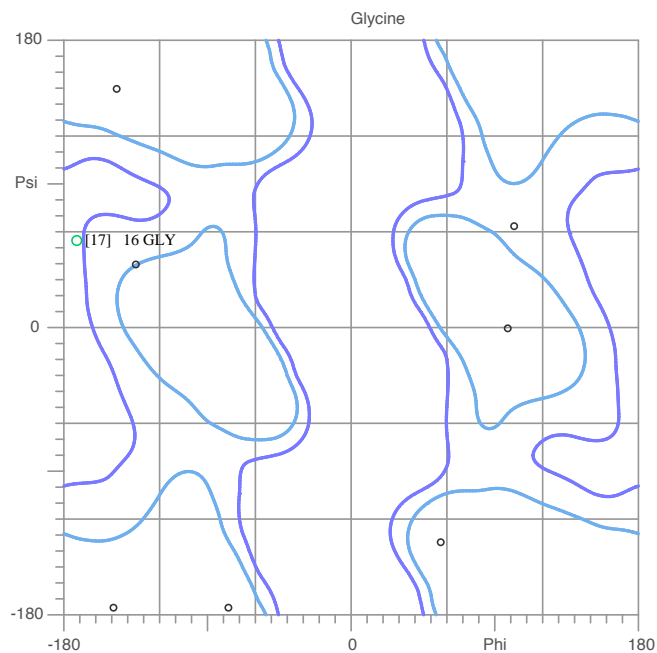
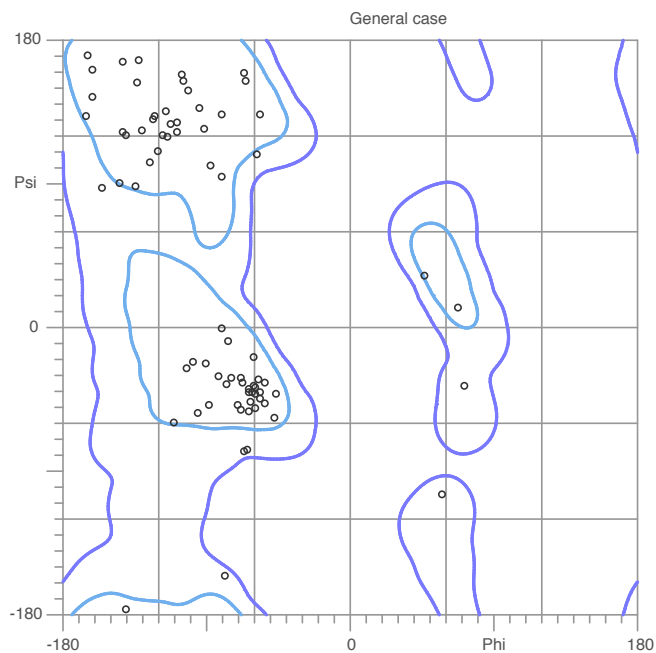
92.1% (82/89) of all residues were in favored (98%) regions.
96.6% (86/89) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [16] 8 HIS (70.2, 94.7)
- [16] 11 MET (61.8, 101.3)
- [16] 18 ASN (64.9, 130.7)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 17



87.6% (78/89) of all residues were in favored (98%) regions.
97.8% (87/89) of all residues were in allowed (>99.8%) regions.

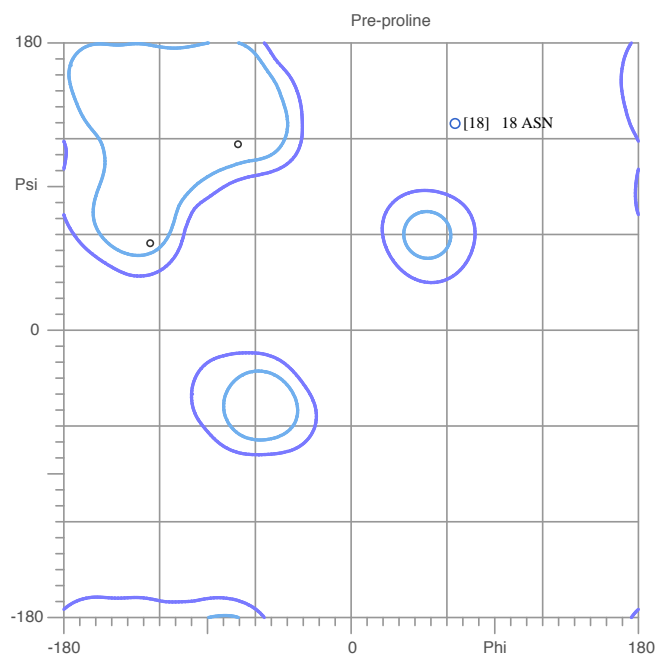
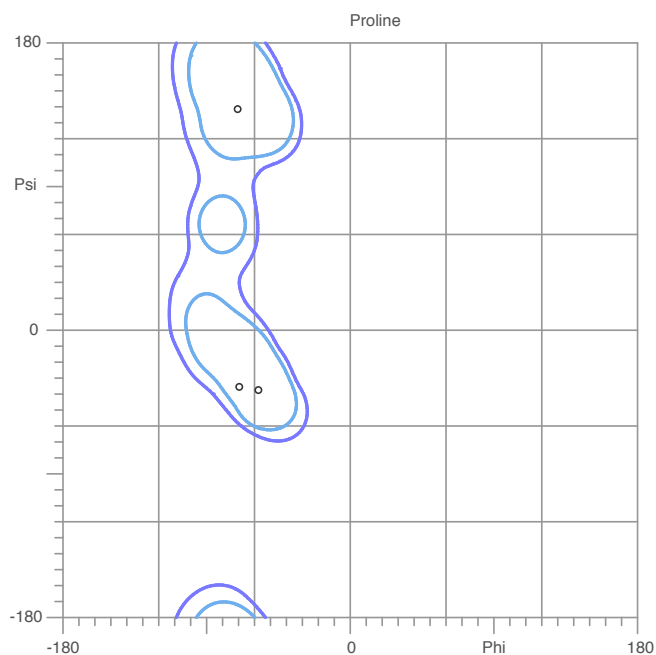
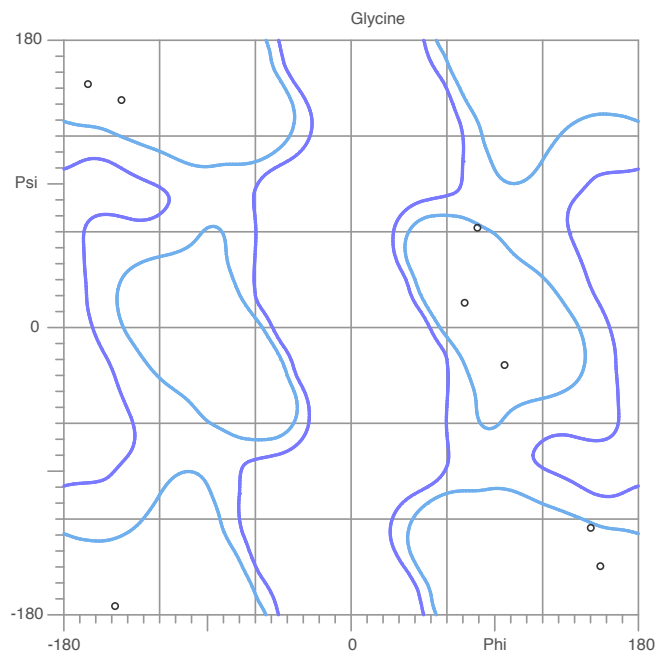
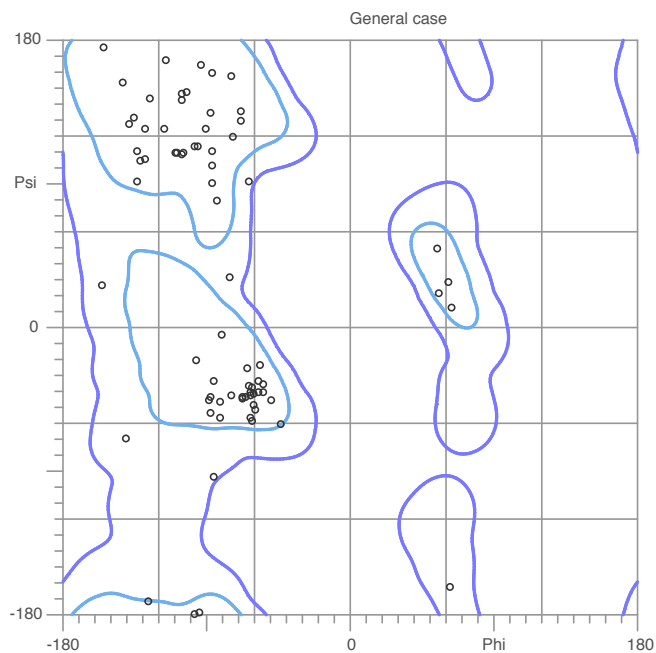
There were 2 outliers (phi, psi):

[17] 16 GLY (-172.5, 55.5)

[17] 18 ASN (65.9, 120.7)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 18



92.1% (82/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

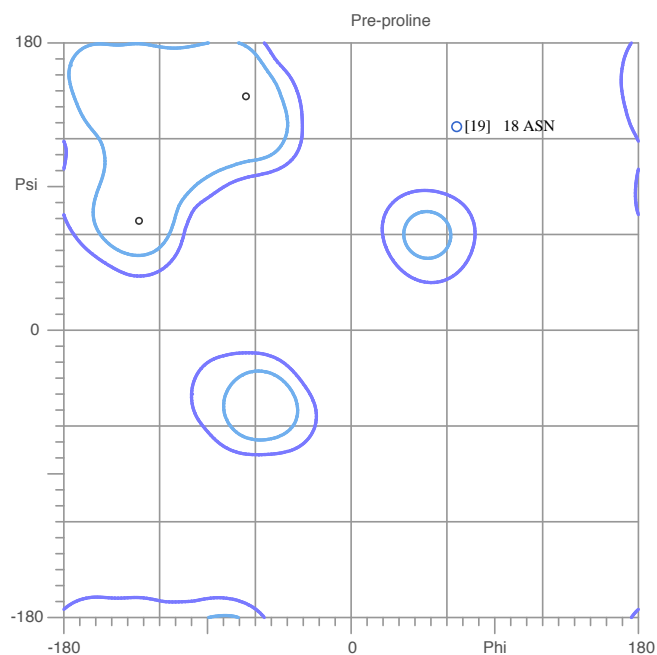
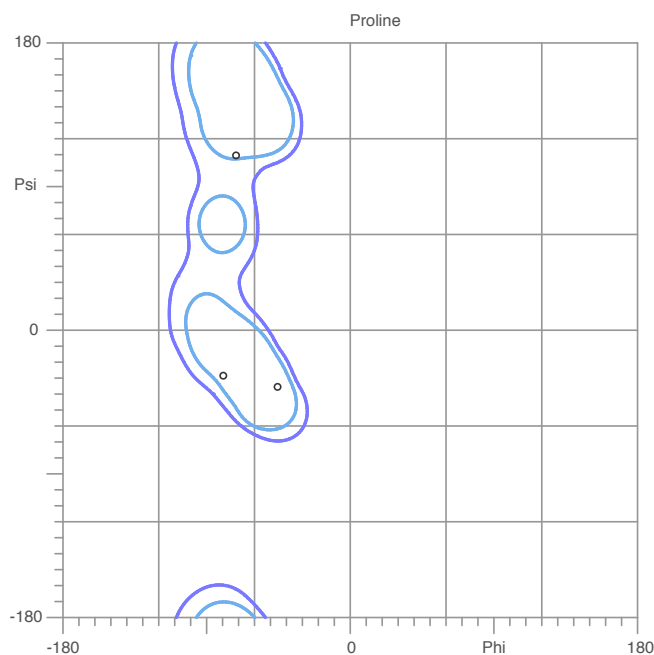
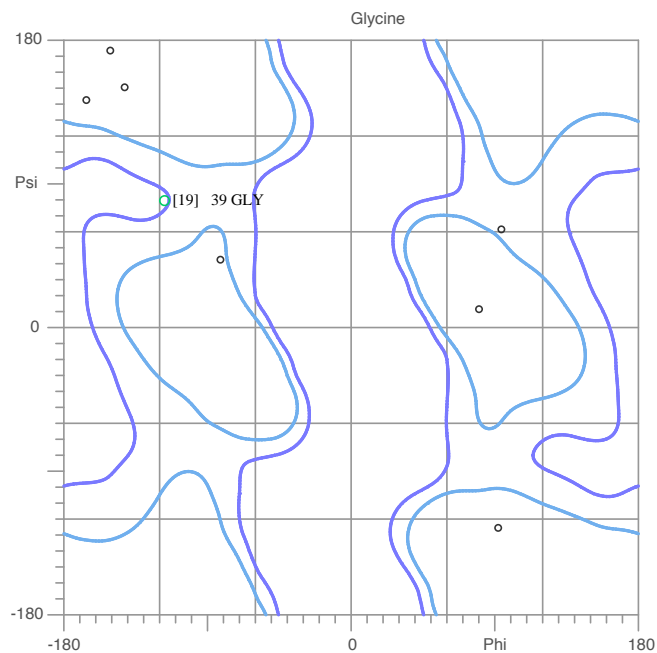
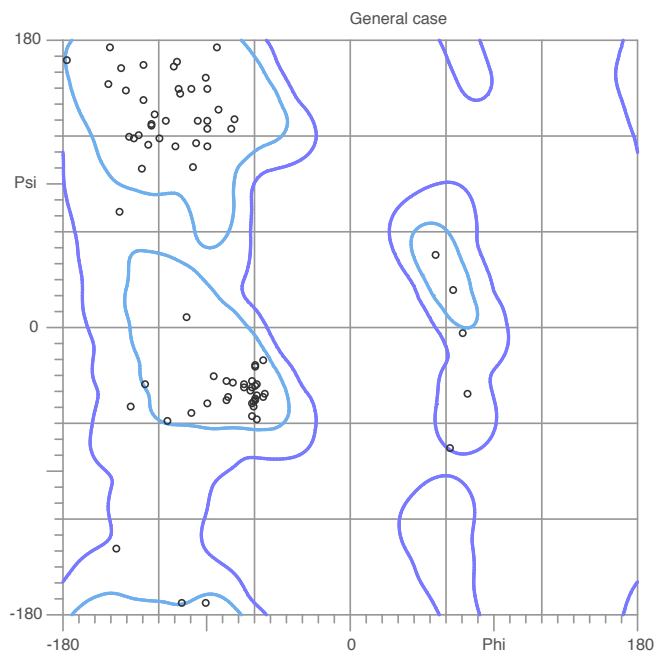
There were 1 outliers (phi, psi):
[18] 18 ASN (65.5, 130.9)

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MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 19

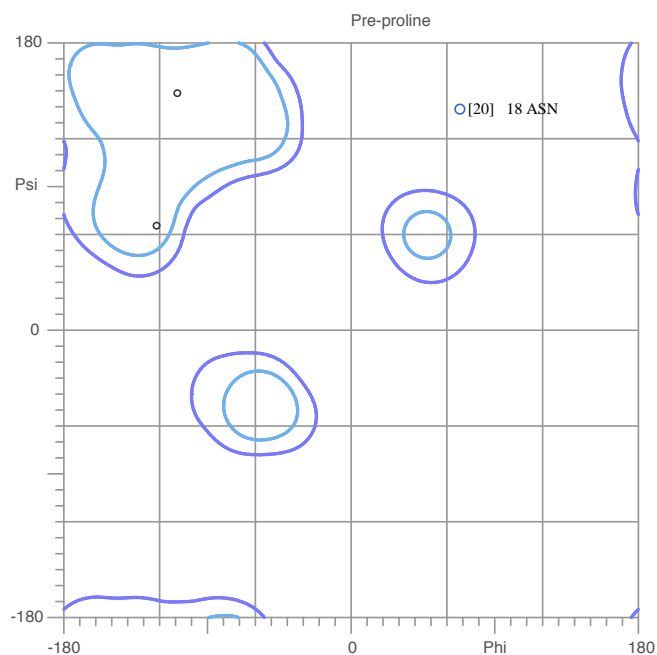
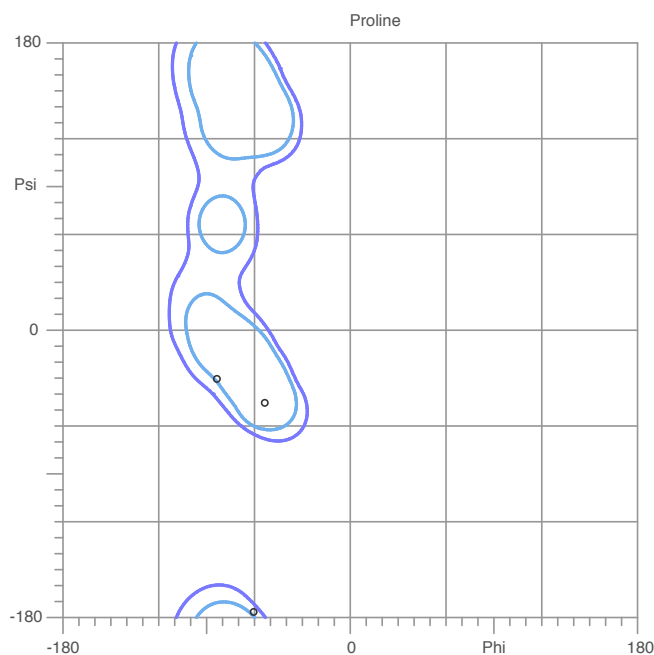
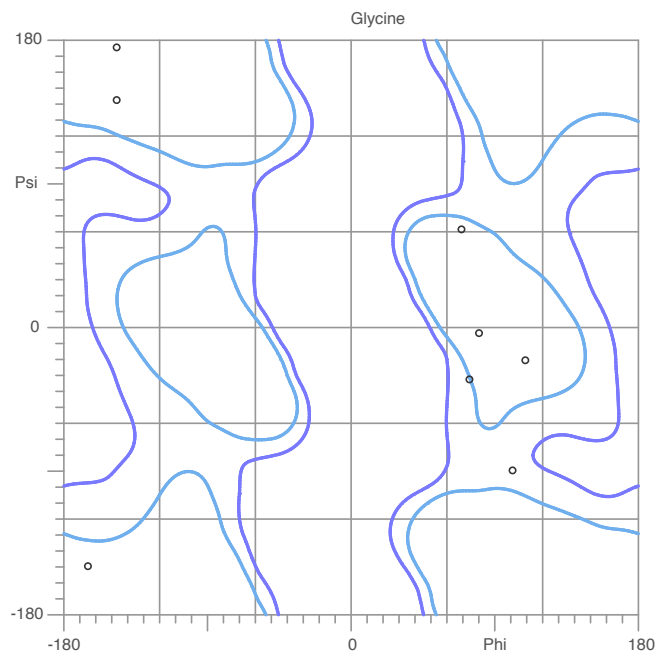
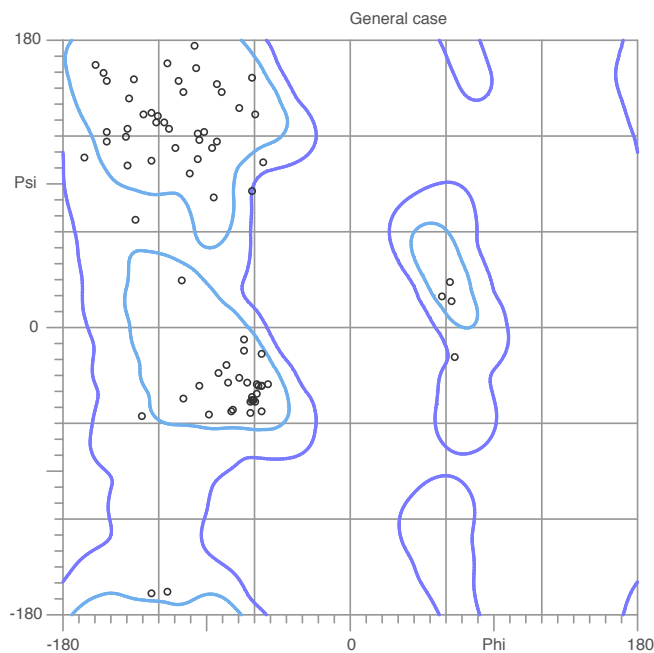


87.6% (78/89) of all residues were in favored (98%) regions.
97.8% (87/89) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[19] 18 ASN (66.9, 128.8)
[19] 39 GLY (-117.7, 80.3)

MolProbity Ramachandran analysis

HR4527E_NMR_em_bcr3.pdb, model 20



86.5% (77/89) of all residues were in favored (98%) regions.
98.9% (88/89) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[20] 18 ASN (68.1, 139.9)

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