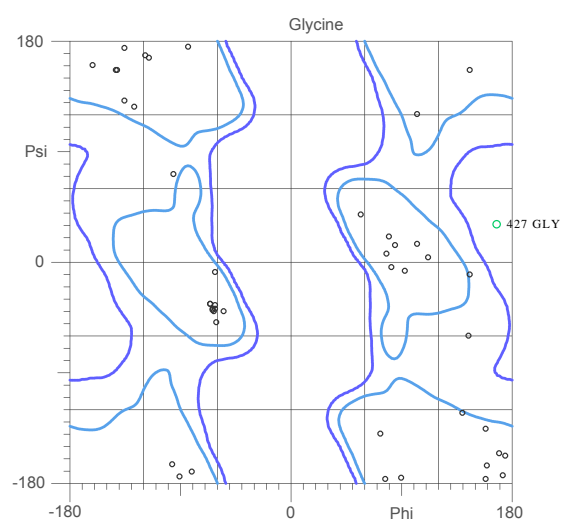# MolProbity Ramachandran analysis

1a4sA.B99990028.pdb, model 1

General case

Isoleucine and valine

O 212 VAL

Pre-proline

O 370 THR

Glycine

O 427 GLY

Trans proline

O 461 PRO

Cis proline
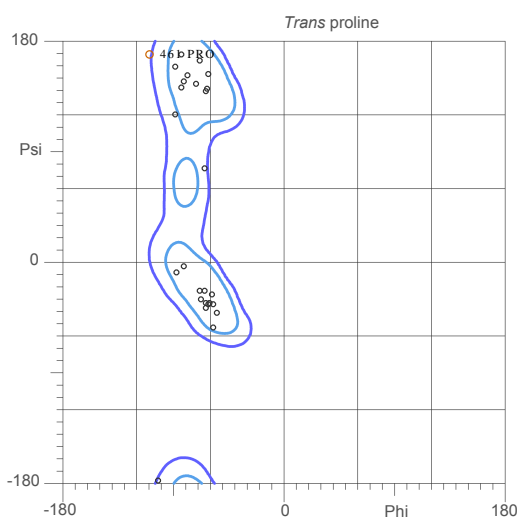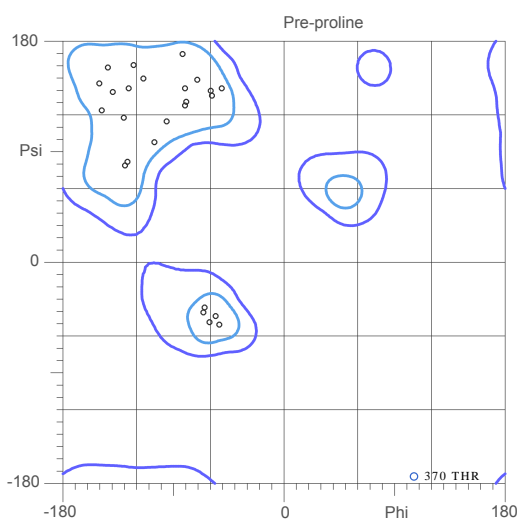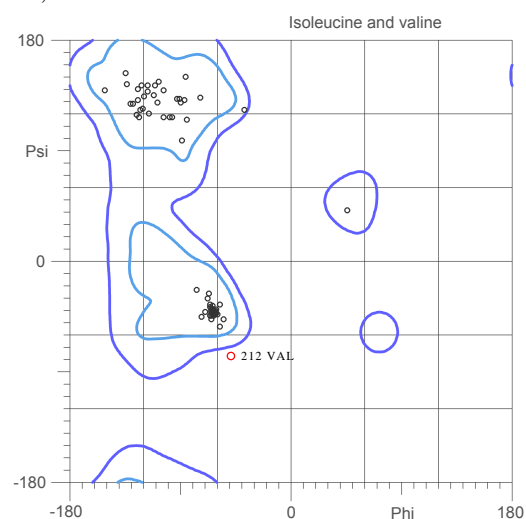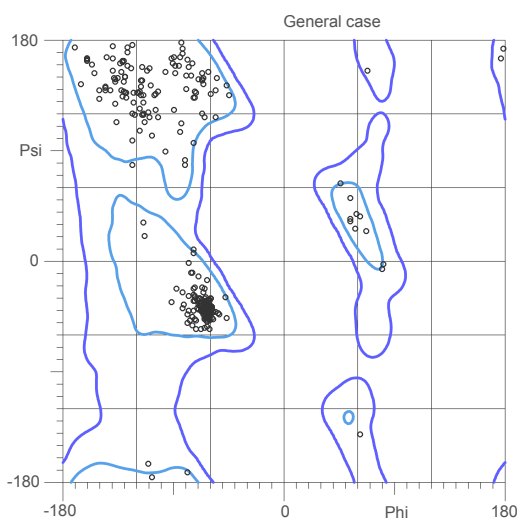
95,6% (479/501) of all residues were in favored (98%) regions.
99,2% (497/501) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
    212 VAL (-49,2, -77,8)
    370 THR (106,9, -175,9)
    427 GLY (168,4, 31,8)
    461 PRO (-110,1, 170,4)

http://kinemage.biochem.duke.edu

Lovell, Davis, et al. Proteins 50:437 (2003)