MolProbity Ramachandran analysis

1a3qA.B99990037.pdb, model 1

General case

199 ARG

197 SER

203 GLU

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
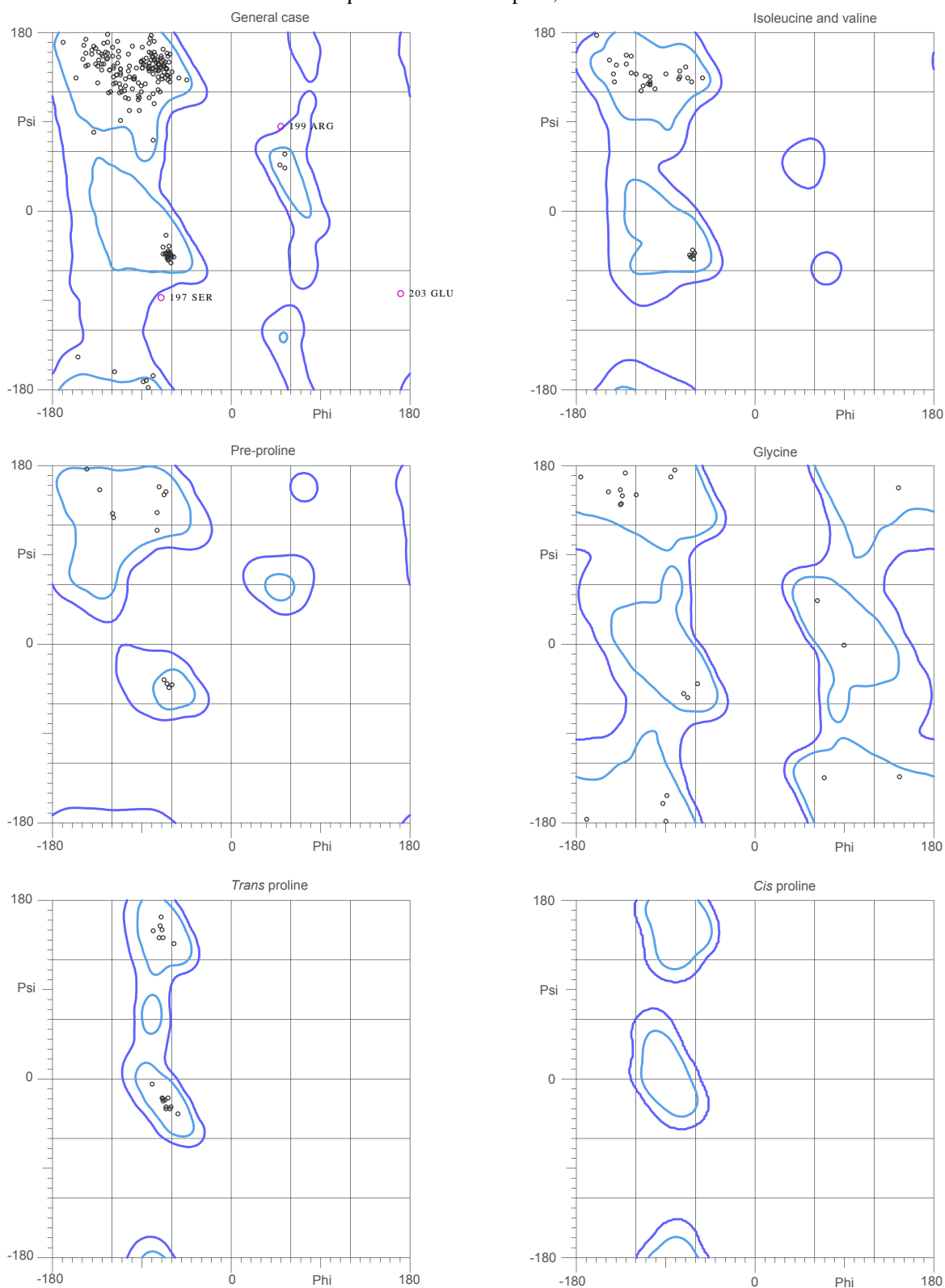
96,8% (274/283) of all residues were in favored (98%) regions.
98,9% (280/283) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):
    197 SER (-71,8, -87,4)
    199 ARG (51,0, 86,8)
    203 GLU (171,3, -83,2)

http://kinemage.biochem.duke.edu

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