MolProbity Ramachandran analysis

1a02N.B99990032.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
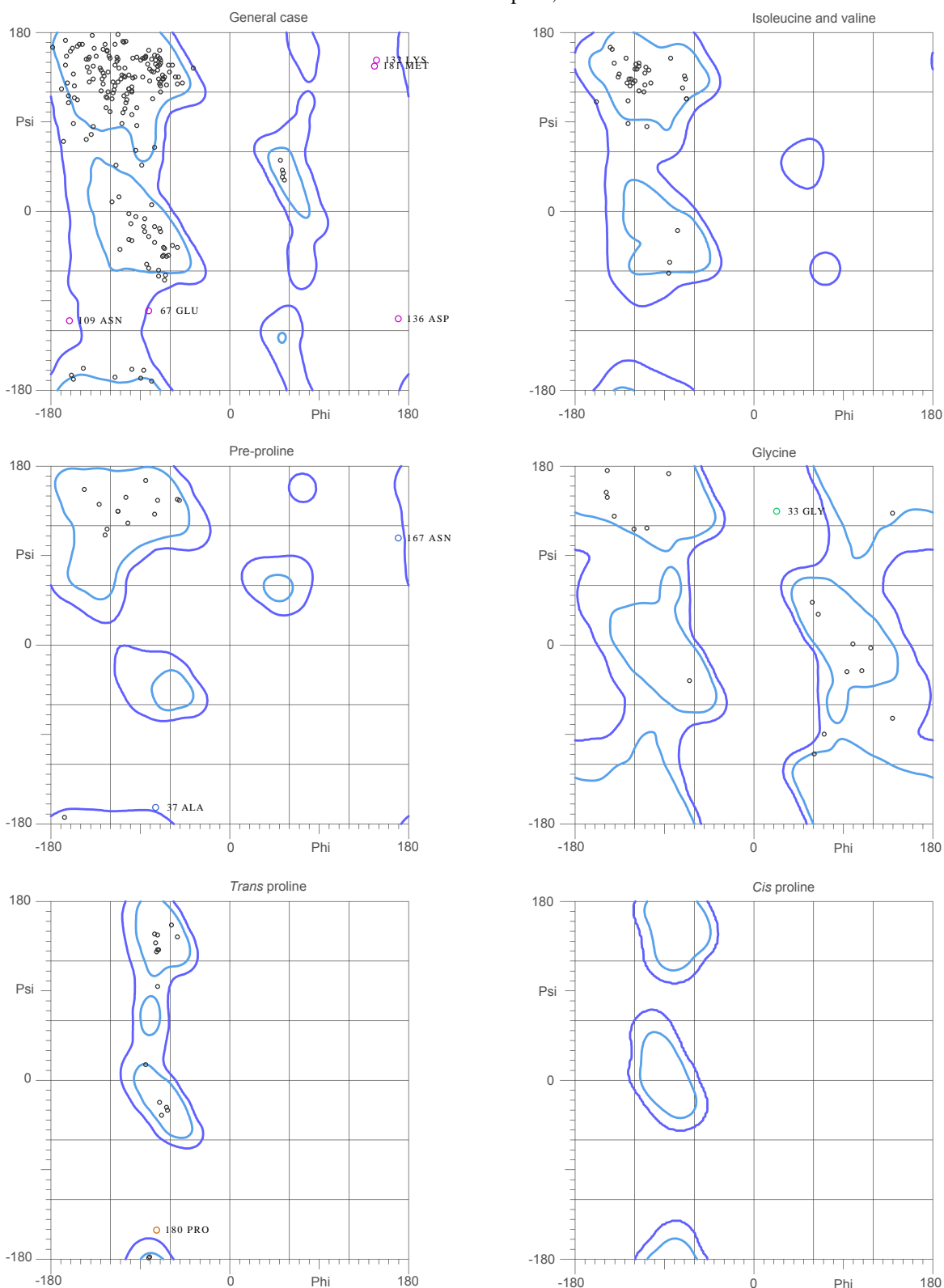
86.7% (241/278) of all residues were in favored (98%) regions.
96.8% (269/278) of all residues were in allowed (>99.8%) regions.

There were 9 outliers (phi, psi):
    33 GLY (23.5, 135.7)
    37 ALA (-75.1, -164.8)
    67 GLU (-82.7, -100.3)
    109 ASN (-162.8, -110.3)
    132 LYS (149.0, 153.7)
    136 ASP (170.8, -108.3)
    167 ASN (170.6, 108.7)
    180 PRO (-75.0, -151.4)
    181 MET (146.6, 147.2)