# MolProbity Ramachandran analysis

1a02N.B99990025.pdb, model 1



General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
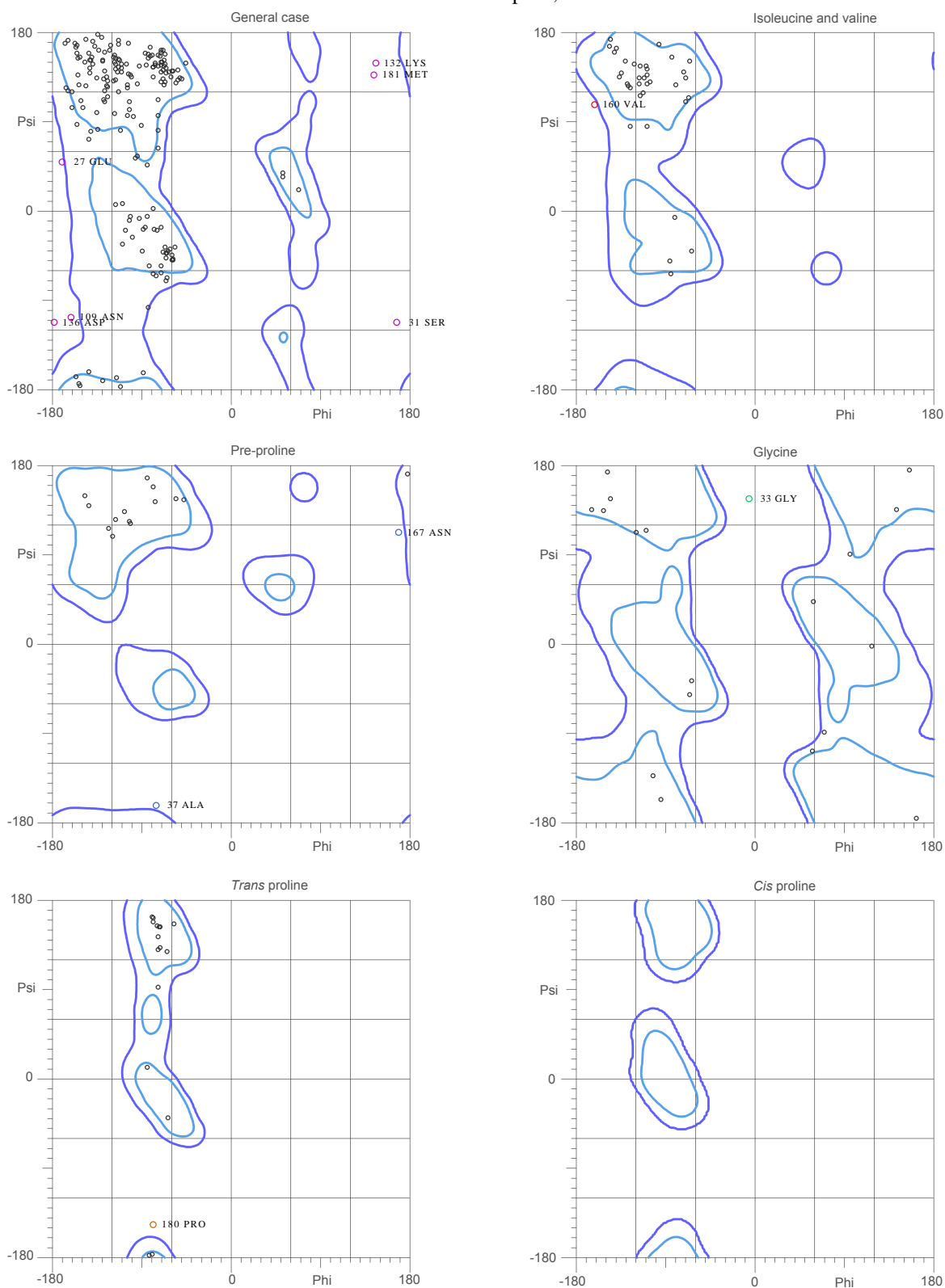
85,3% (237/278) of all residues were in favored (98%) regions.
96,0% (267/278) of all residues were in allowed (>99.8%) regions.

There were 11 outliers (phi, psi):
    27 GLU (-171,3, 50,5)
    31 SER (167,4, -112,0)
    33 GLY (-6,1, 147,5)
    37 ALA (-76,6, -164,0)
    109 ASN (-162,1, -107,7)
    132 LYS (146,6, 150,4)
    136 ASP (-179,9, -112,6)
    160 VAL (-162,4, 108,8)
    167 ASN (169,3, 113,0)
    180 PRO (-79,1, -147,9)
    181 MET (144,6, 138,7)