MolProbity Ramachandran analysis

1a02N.B99990018.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
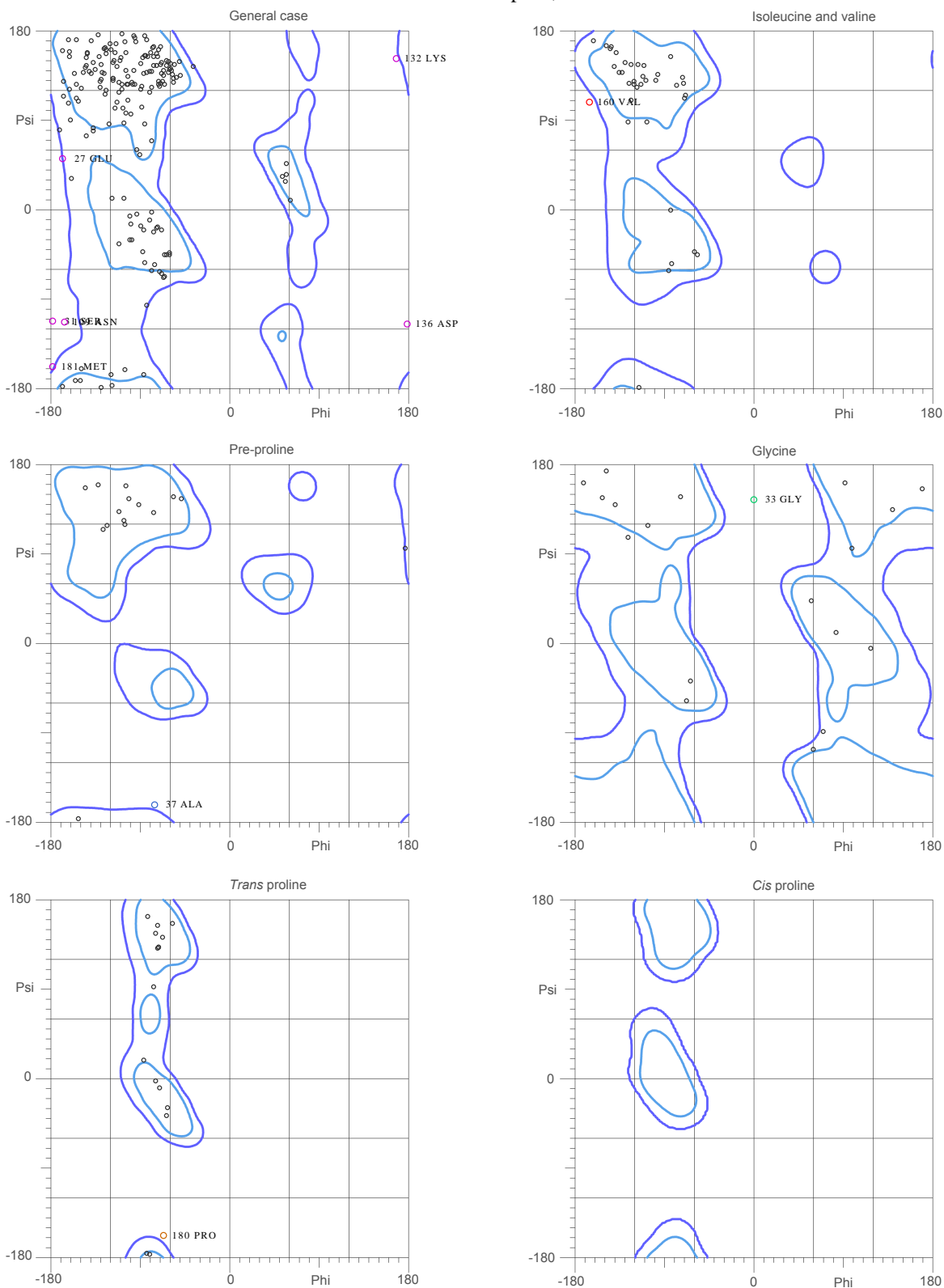
84,9% (236/278) of all residues were in favored (98%) regions.
96,4% (268/278) of all residues were in allowed (>99.8%) regions.

There were 10 outliers (phi, psi):
    27 GLU (-169,2, 52,2)
    31 SER (-179,4, -112,9)
    33 GLY (0,1, 145,6)
    37 ALA (-76,5, -163,6)
    109 ASN (-167,1, -113,3)
    132 LYS (168,6, 153,3)
    136 ASP (179,3, -115,7)
    160 VAL (-166,9, 109,5)
    180 PRO (-67,9, -158,7)
    181 MET (-179,8, -158,9)