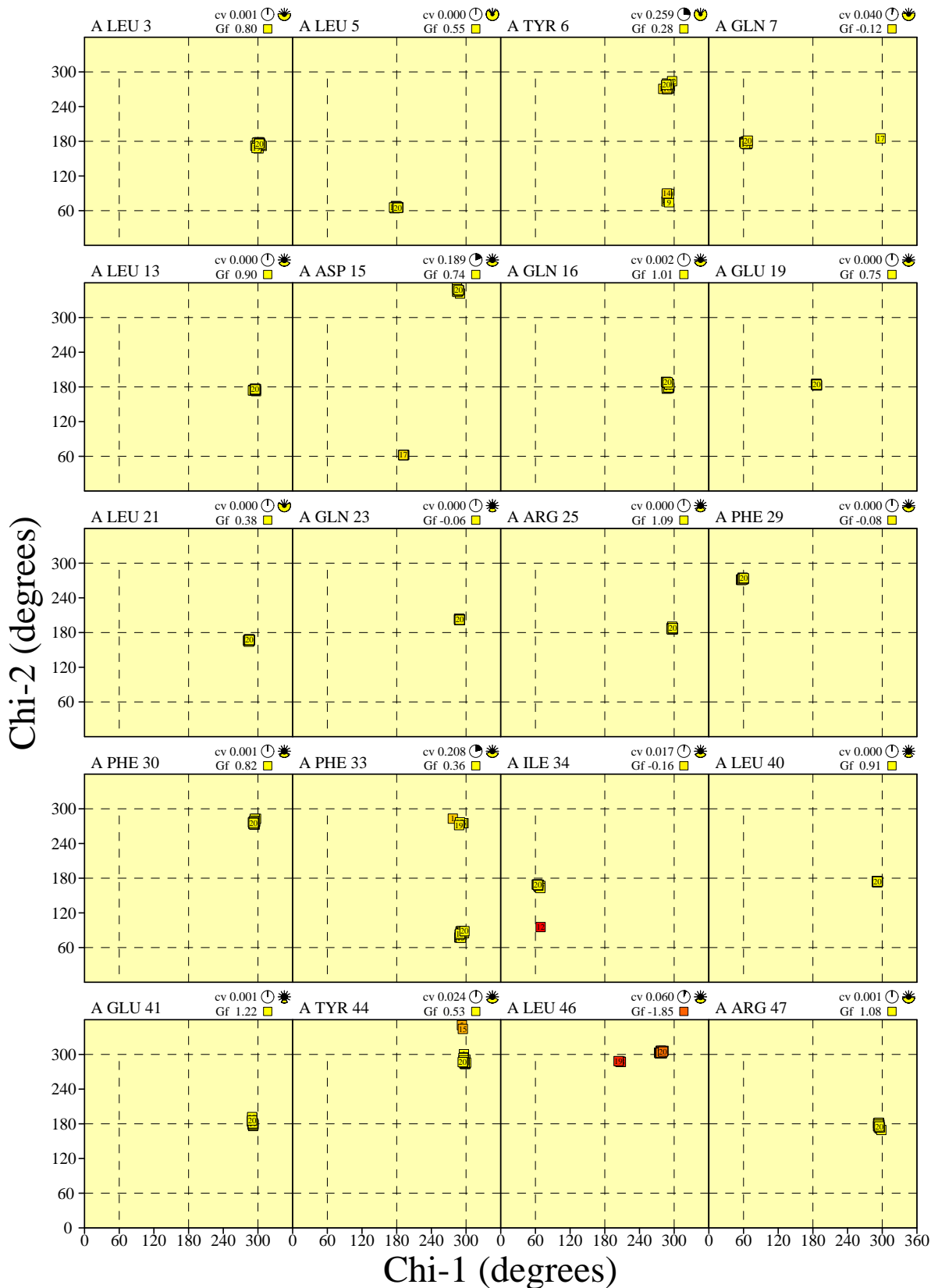


Ensemble chi1-chi2 plots

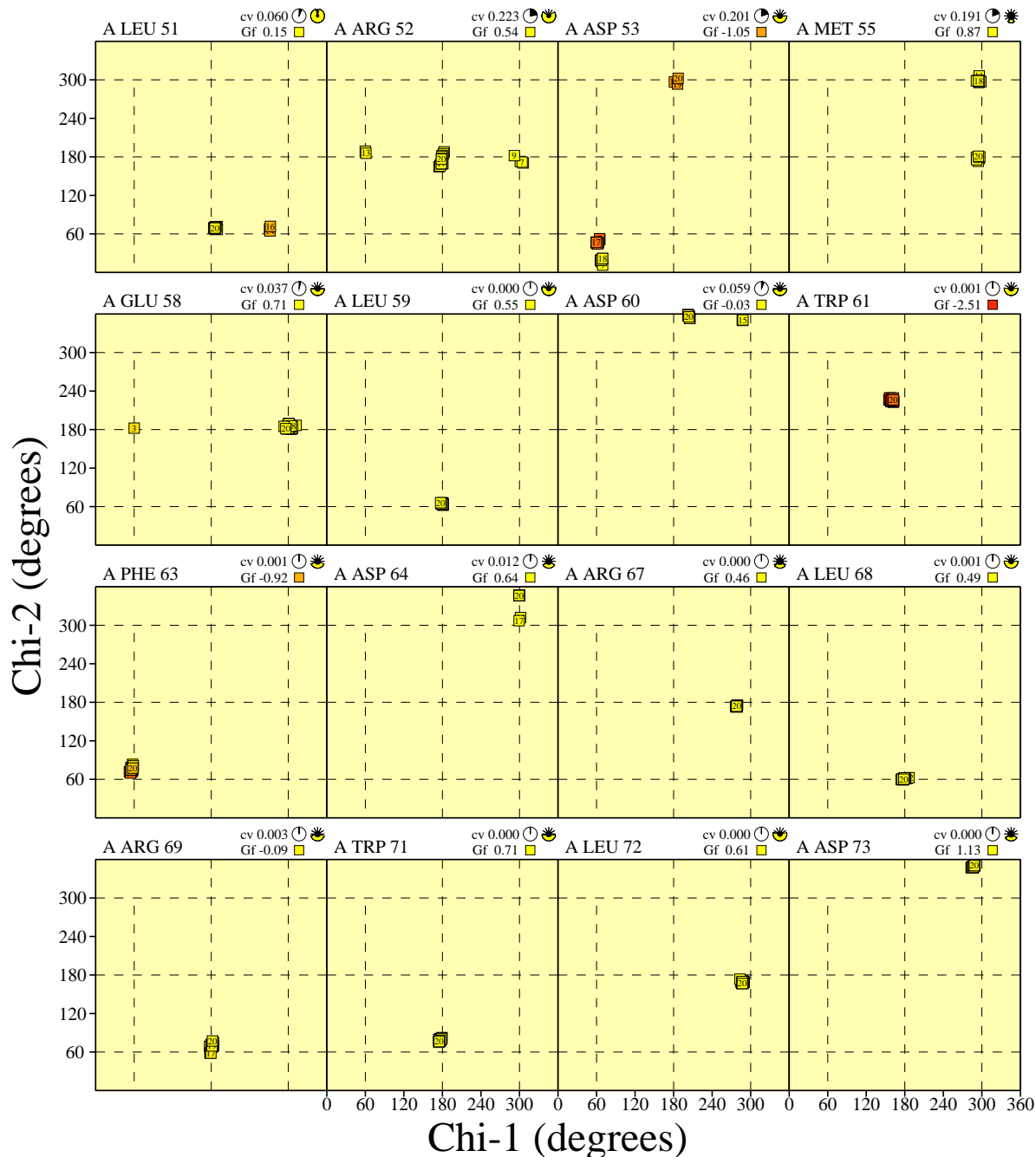
XCR50_R3Cons_em_bcr3 (20 models)**



cv = Circular Variance (low values signify high clustering of the data points). * Accessible ☉ Buried
 Gf = Average G-factor for the residue (the higher the value the more favourable the conformations) based on analysis of high-res. Xstal structures
 Data points coloured according to G-factor: Favourable Unfavourable

Ensemble chi1-chi2 plots

XCR50_R3Cons_em_bcr3 (20 models)**



cv = Circular Variance (low values signify high clustering of the data points). * Accessible ☹ Buried
 Gf = Average G-factor for the residue (the higher the value the more favourable the conformations) based on analysis of high-res. Xstal structures
 Data points coloured according to G-factor: Favourable Unfavourable