

Electron density maps as a function of resolution. (a) Two strands of poly-L-alanine antiparallel β sheet within a two-dimensional unit cell. C_2 and C_1 symmetry axes of a planar projection of the structure are indicated. (b) Calculated structure factor data for a two-dimensional crystal, formed by projecting the structure shown in part a onto the C_2 and C_3 have circles show the data that would be sampled for analysis at resolutions of C_3 have C_4 have C_5 have C_5 have expected by increasingly large circles). The filled dots indicate C_5 have expected by the open dots indicate C_5 have each dot is proportional to C_5 have electron density map at C_5 have electron density map