

Structure Factor Check

XXXX

Title: XXXXXXXX ?
Date: XX-XXX-XX
PDB code: XXXX

Crystal

Cell parameters:

a: 27.07 A b: 31.25 A c: 33.76 A
 α : 87.98 β : 108.00 γ : 112.11

Space group: P 1

Structure Factors

Input

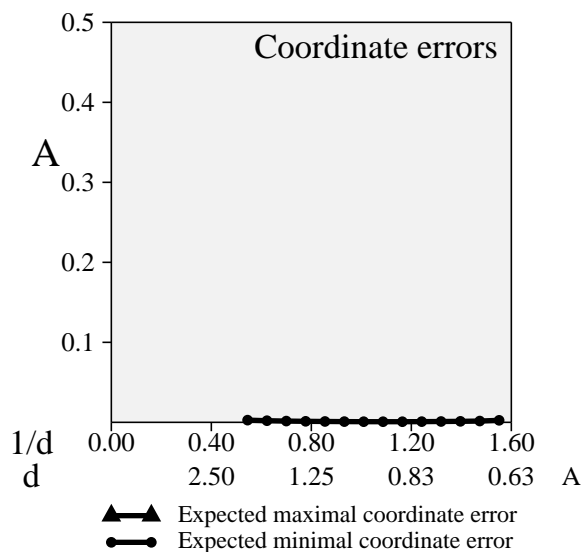
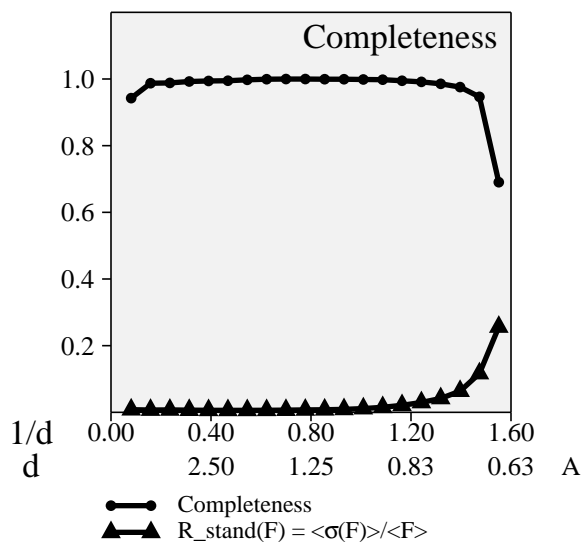
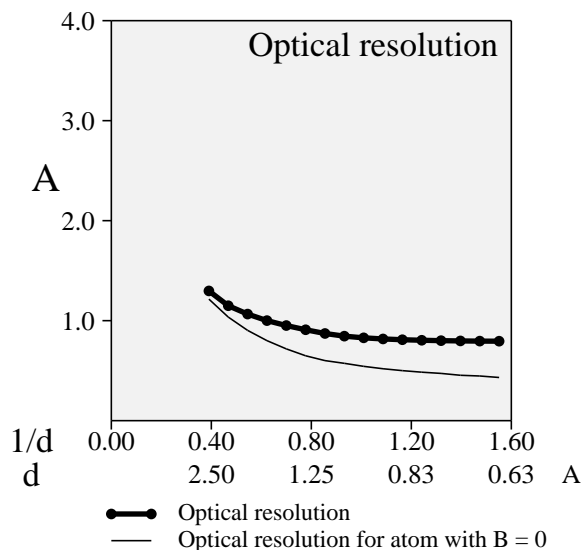
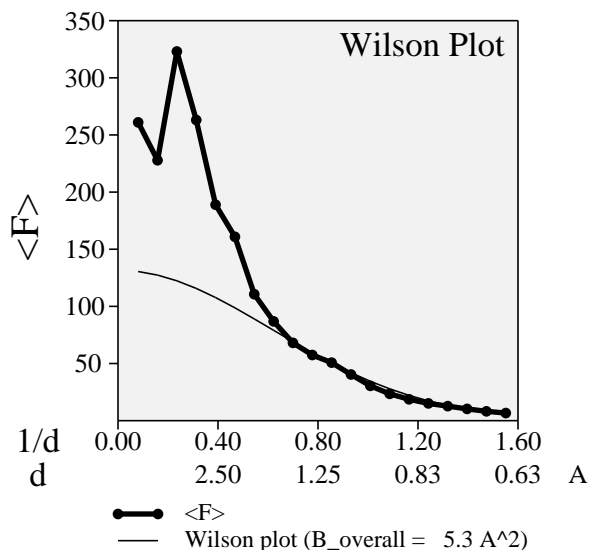
Nominal resolution range: 23.8 – 0.63 A
Reflections in file: 199123
Unique reflections above 0: 199121
 above 1 σ : 190632
 above 3 σ : 171310
Reflections > 0: 2

SF CHECK

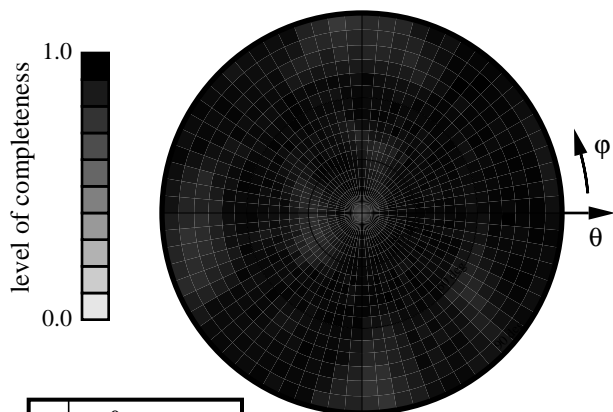
Nominal resolution range: 23.8 – 0.63 A
(max. from input data, min. from author)
Used reflections: 199121
Completeness: 94.4 %
R_{stand}(F) = $\langle \sigma(F) \rangle / \langle F \rangle$: 0.023
Anisotropic distribution of Structure Factors
 ratio of eigen values: 0.9166 1.0000 0.8886
B_{overall} (by Patterson): 10.A²
Optical resolution: 0.79 A
Expected opt. resol. for complete data set: 0.79 A
Estimated minimal error: 0.002 A
Pseudo-translation is not detected

Structure Factor Check

XXXX



Stereographic projection of the averaged radial completeness



	θ	ϕ
h	71.37	22.62
k	84.72	90.00
l	0.00	0.00

polar coordinates of the crystallographical axes