

Date: 2022-11-24

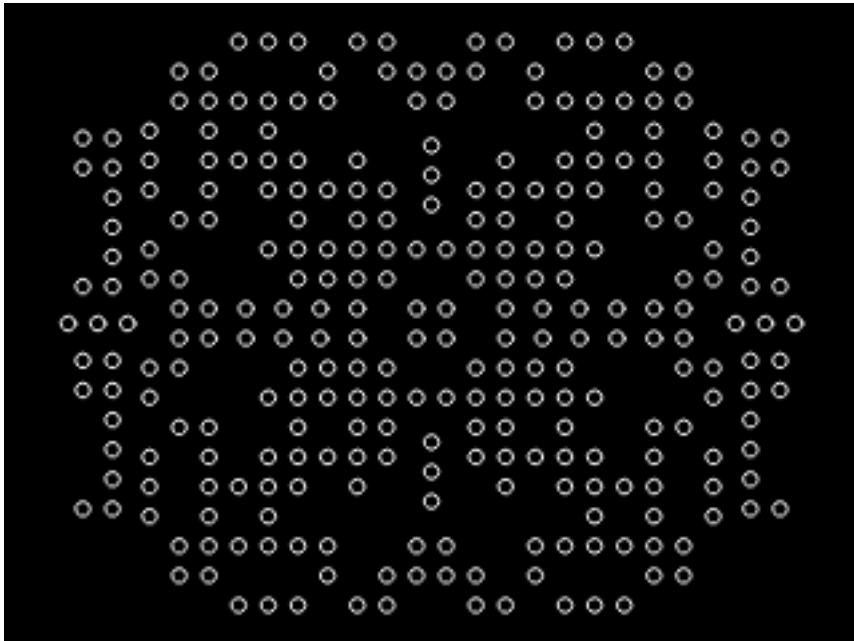
Glass micromachining

280 holes (dia 100 μm) in fused silica glass

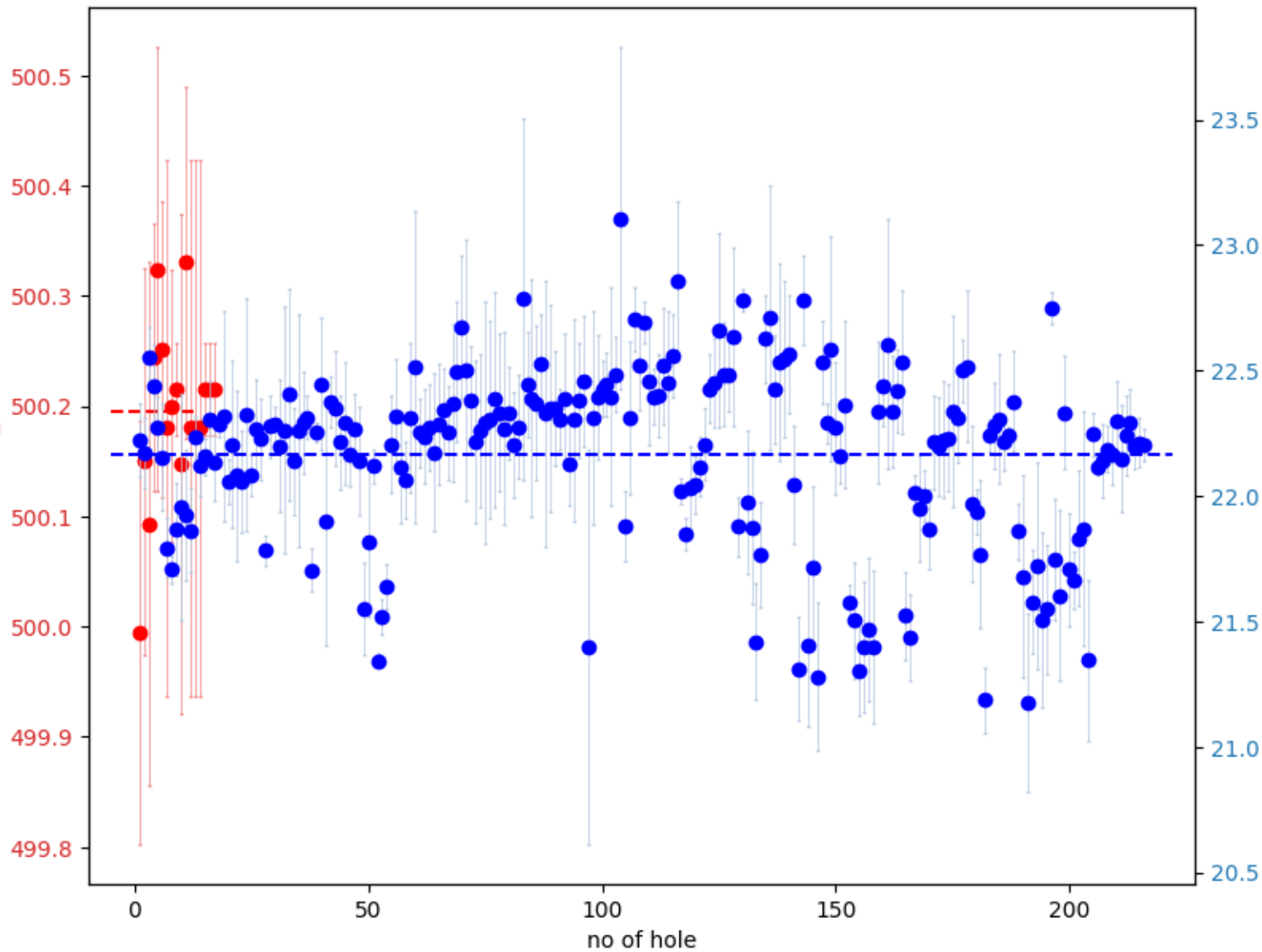
Wafer thickness 1 mm

Smooth sidewalls, $R_a < 0.5 \mu\text{m}$

Positional accuracy $\pm 3 \mu\text{m}$



diameter_1, um



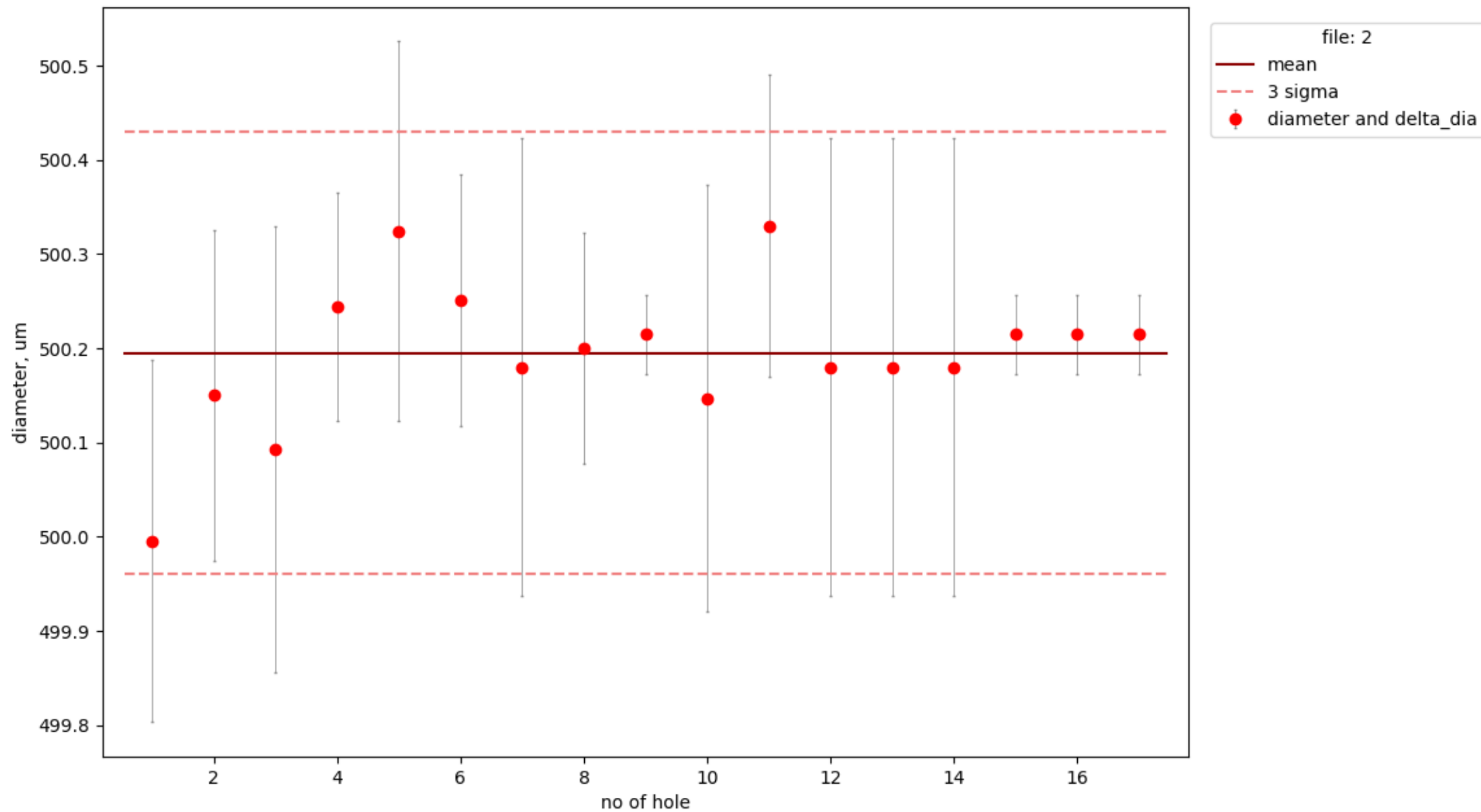
1st file: 2

2nd file: 3

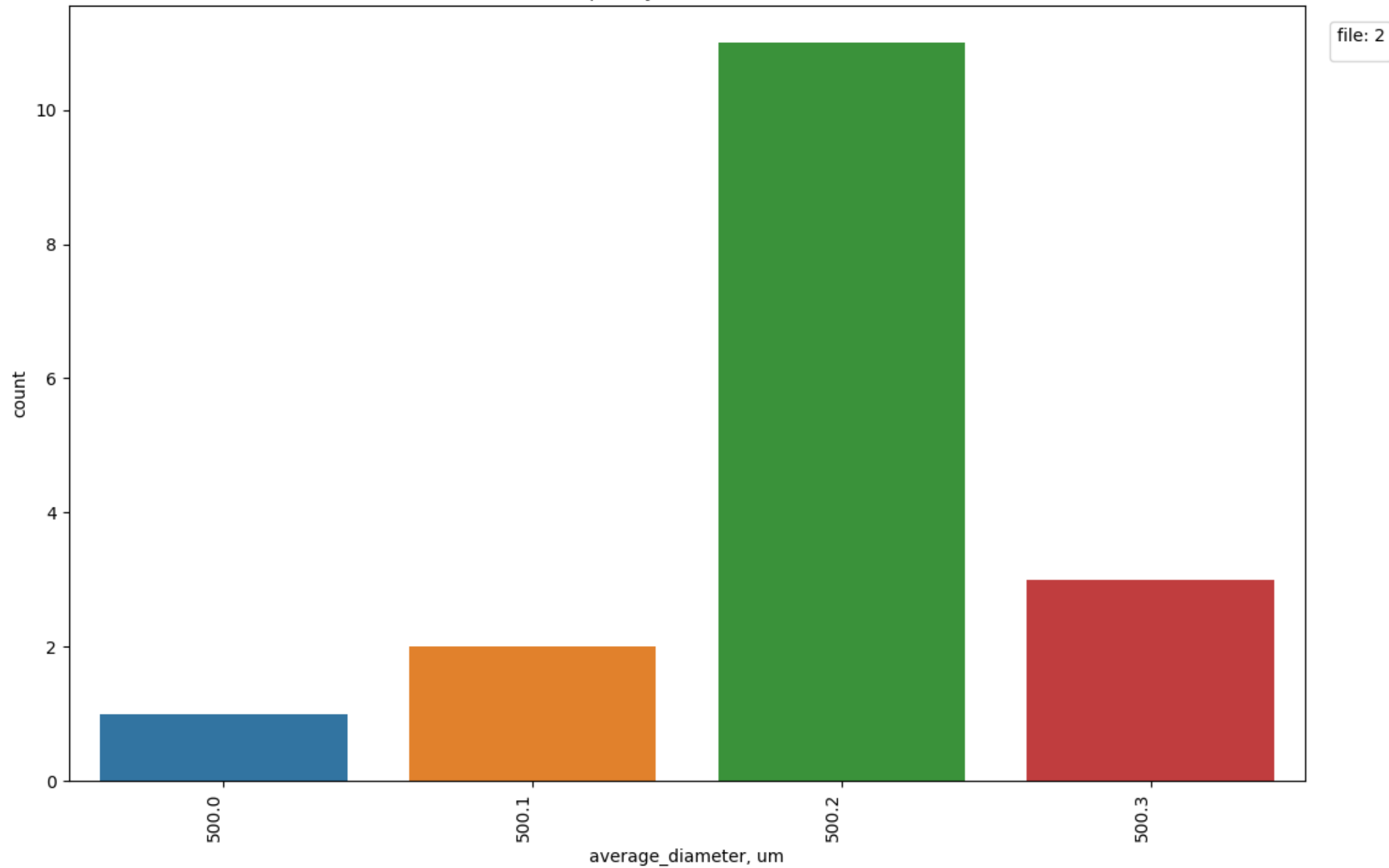
- mean_1
- diameter_1 and delta_dia_1
- mean_2
- diameter_2 and delta_dia_2

diameter_2, um

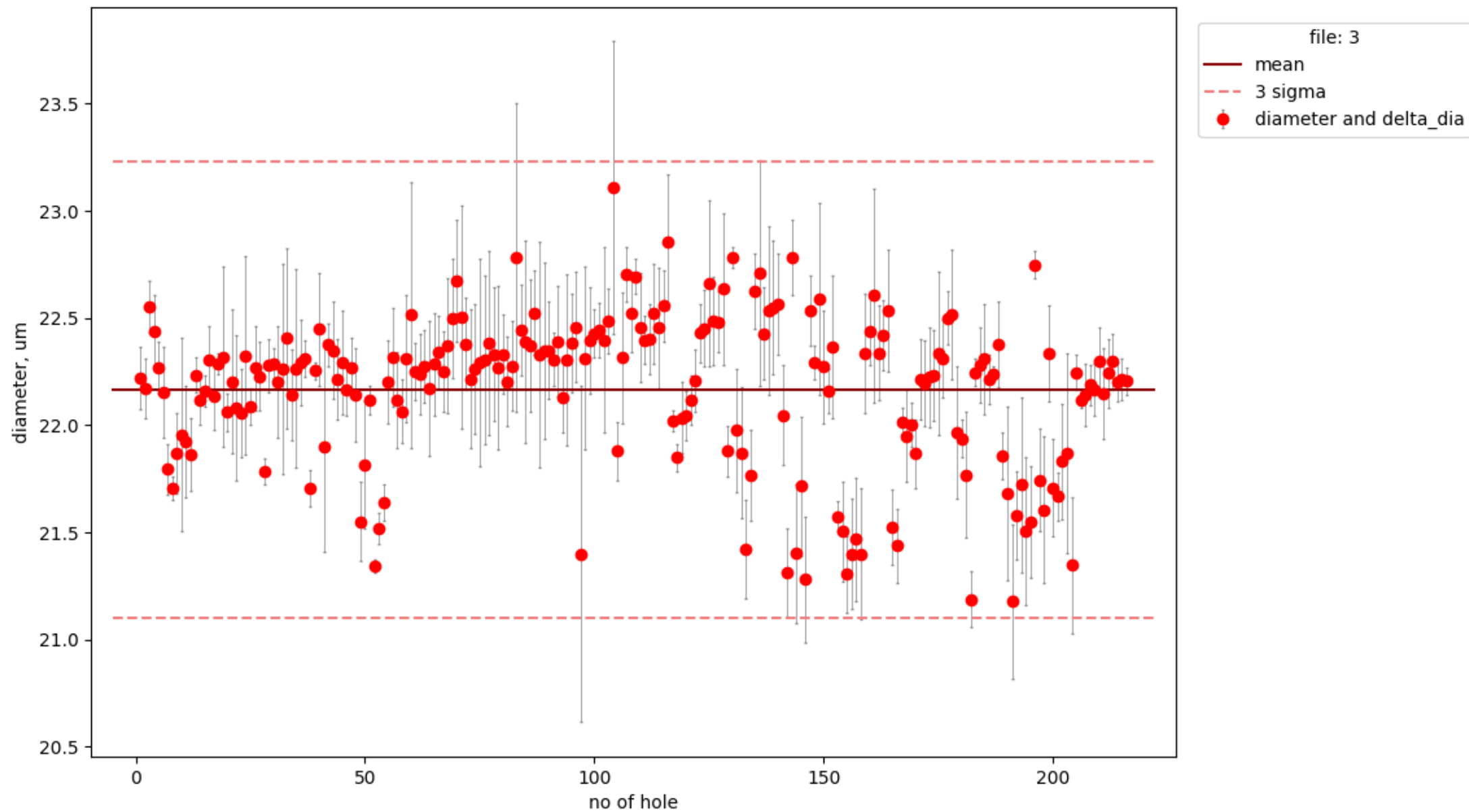
Diameter vs number of holes



Frequency of the diameter



Diameter vs number of holes



Frequency of the diameter

