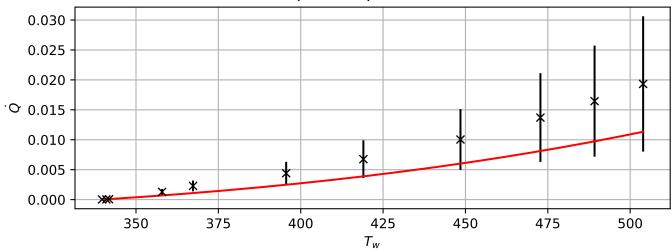$P = (1 \pm 0.1) \times 10^{-3}$ mbar

Fit: $y = ax^4 + b$

a = 2.2126e-13      ± 5.5545e-14
b = -2.9359e-03      ± 7.4571e-04

$\chi^2 = 13.69$

Degrees of freedom = 8

Reduced $\chi^2 = 1.71$

Residuals