

$$\begin{aligned}
s-45000 = & (-6.66 \pm 0.14)(\mu\text{m}) + (0.43 \pm 0.02)\left(\frac{\mu\text{m}}{\text{cm}}\right)x + (5.99 \pm 0.33) \times 10^{-2} \left(\frac{\mu\text{m}}{\text{cm}^2}\right)x^2 + \\
& (-0.854 \pm 0.061)\left(\frac{\mu\text{m}}{\text{cm}}\right)y + (2.10 \pm 0.18) \times 10^{-3} \left(\frac{\mu\text{m}}{\text{cm}^3}\right)x^3 + \\
& (-7.16 \pm 0.61) \times 10^{-2} \left(\frac{\mu\text{m}}{\text{cm}^2}\right)xy + (-2.05 \pm 0.38) \times 10^{-4} \left(\frac{\mu\text{m}}{\text{cm}^4}\right)x^3y + \\
& (3.08 \pm 0.80) \times 10^{-3} \left(\frac{\mu\text{m}}{\text{cm}^4}\right)y^4 + (-7.4 \pm 2.0) \times 10^{-2} \left(\frac{\mu\text{m}}{\text{cm}^2}\right)y^2 + \\
& (-3.4 \pm 1.0) \times 10^{-3} \left(\frac{\mu\text{m}}{\text{cm}^3}\right)xy^2 + (-8.1 \pm 3.6) \times 10^{-3} \left(\frac{\mu\text{m}}{\text{cm}^3}\right)y^3 + \dots
\end{aligned}$$

interferometer lineshape

