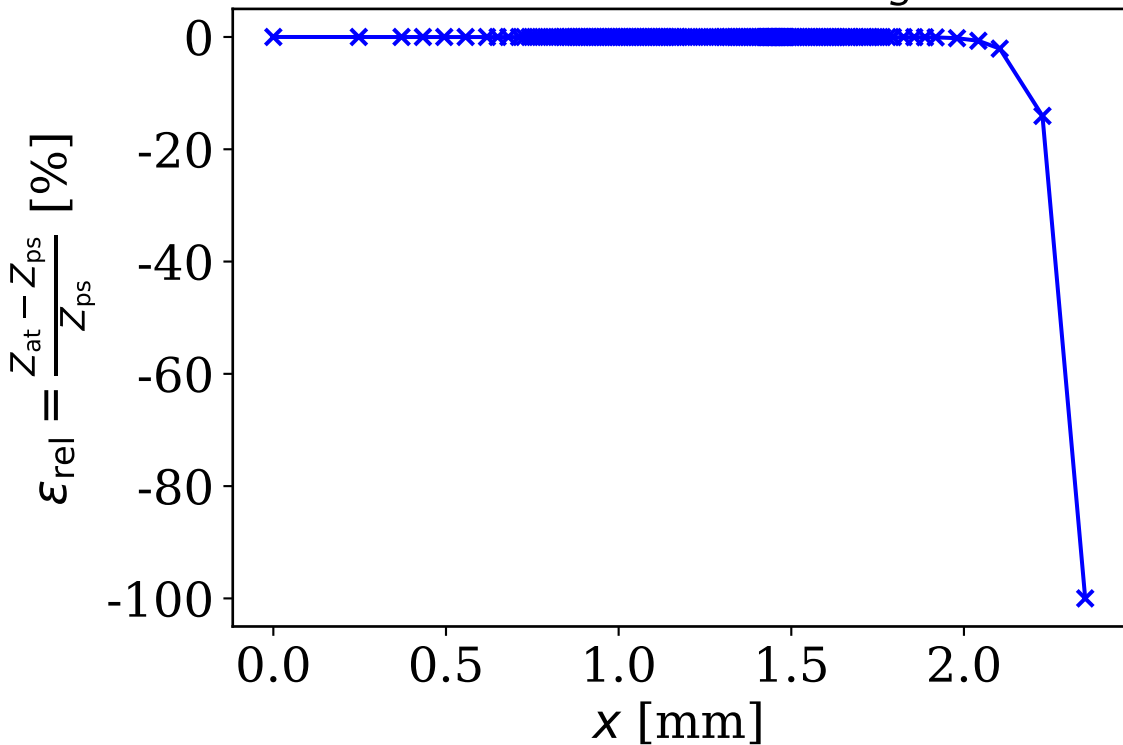
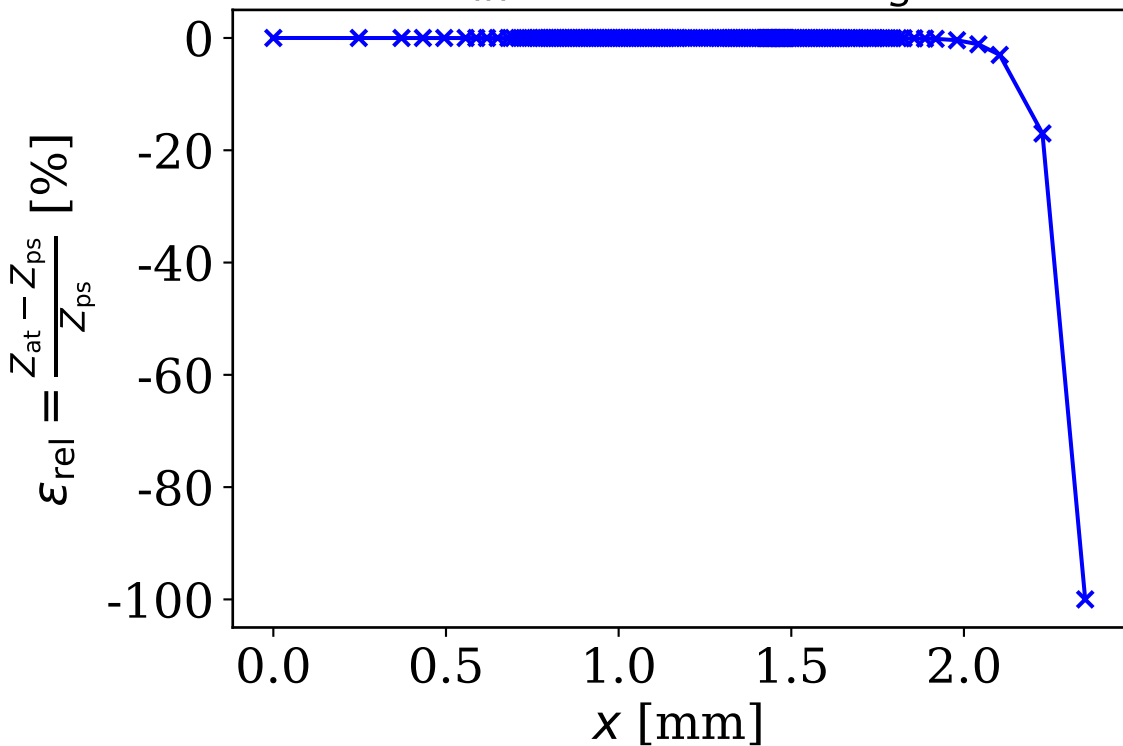


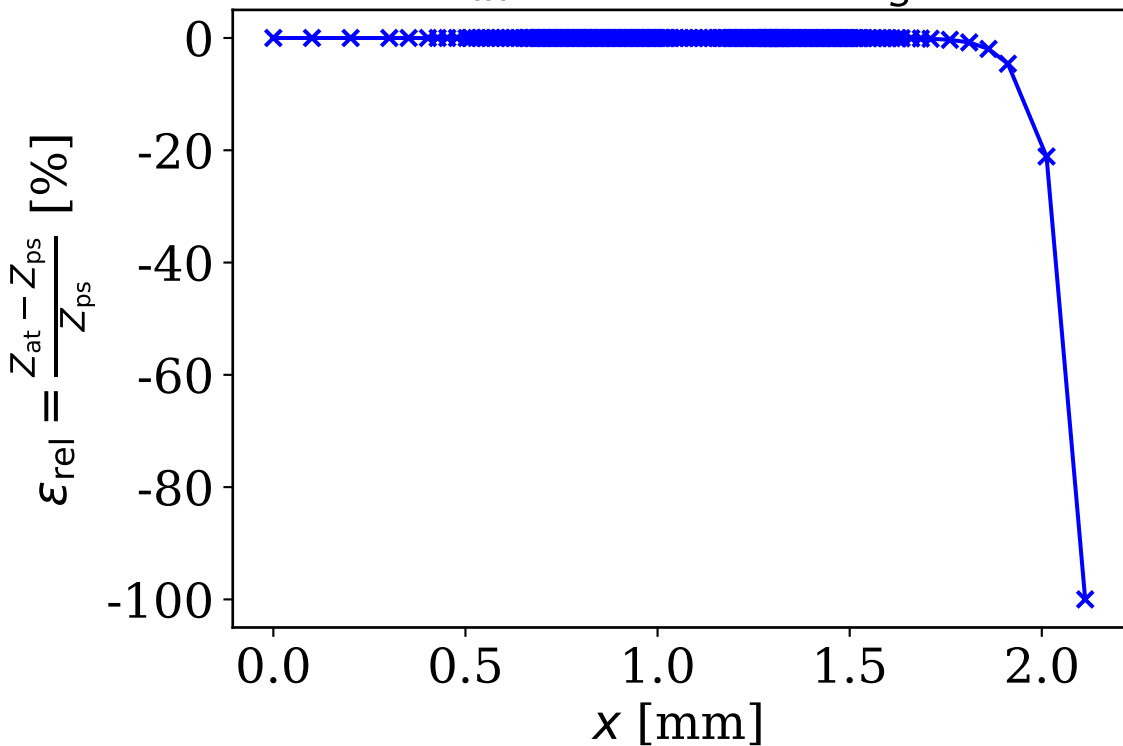
$$T_{\text{in}}=300\text{K} \quad a=33\frac{1}{\text{s}}$$



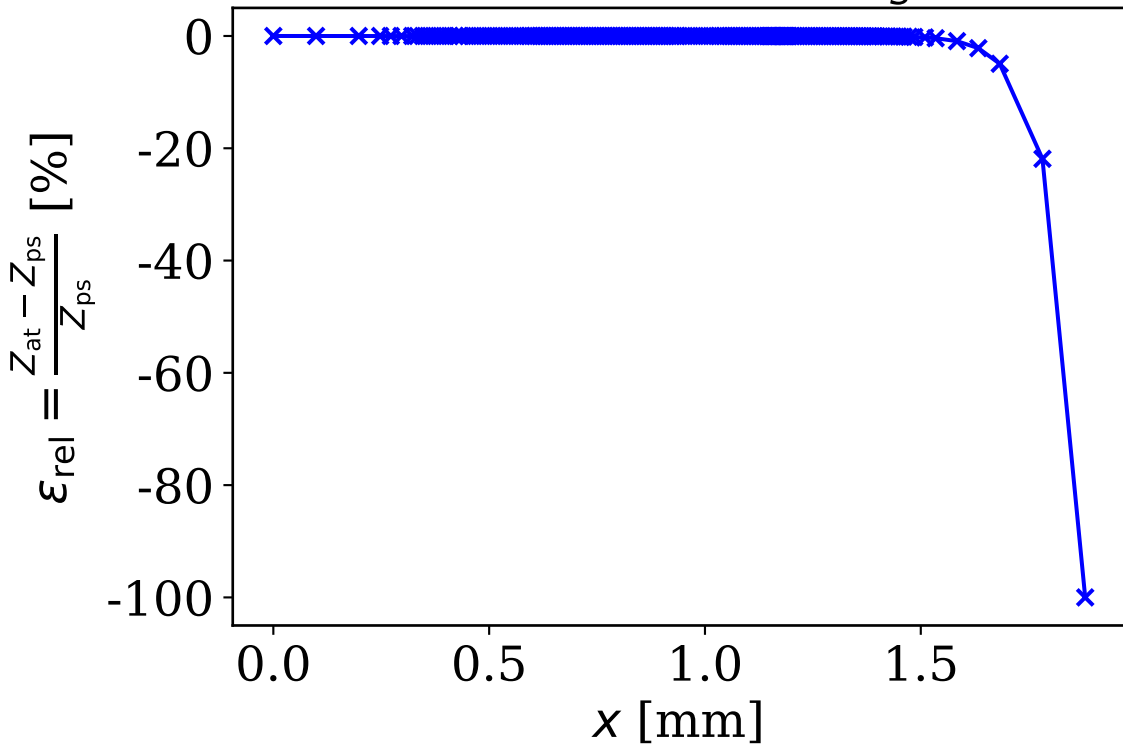
$$T_{\text{in}}=400\text{K} \quad a=32\frac{1}{\text{s}}$$



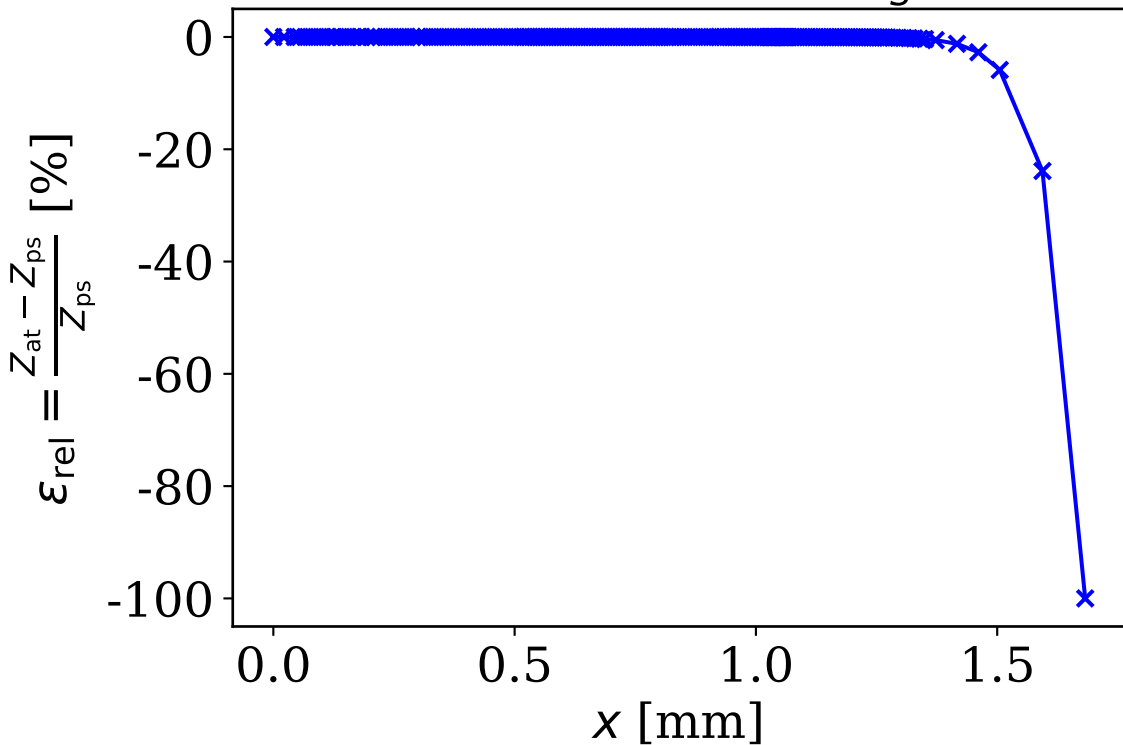
$$T_{\text{in}} = 500\text{K} \quad a = 32 \frac{1}{\text{s}}$$



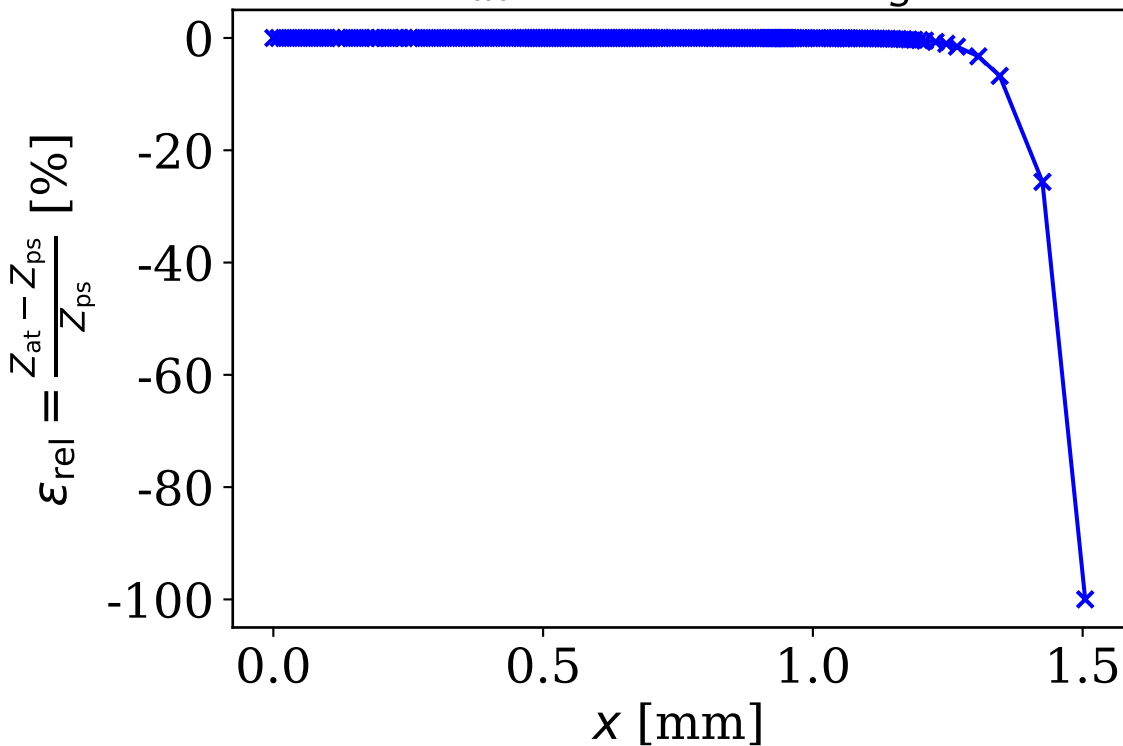
$$T_{\text{in}}=600\text{K} \quad a=32\frac{1}{\text{s}}$$



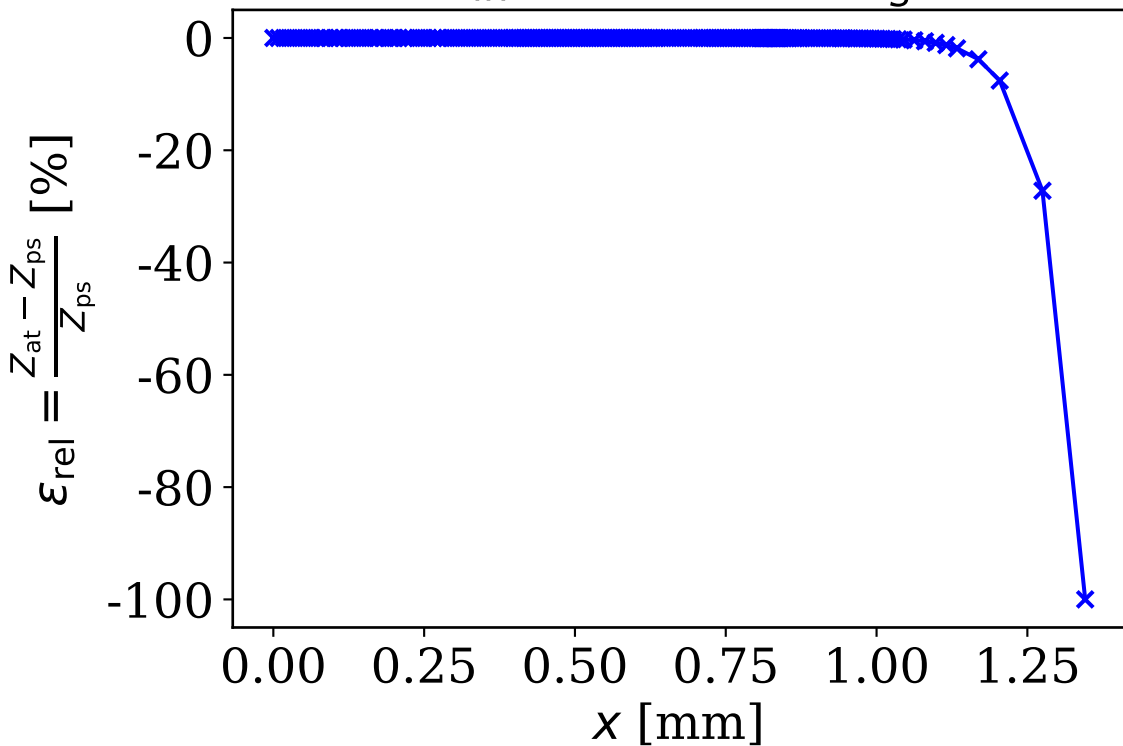
$$T_{\text{in}} = 700\text{K} \quad a = 33 \frac{1}{\text{s}}$$



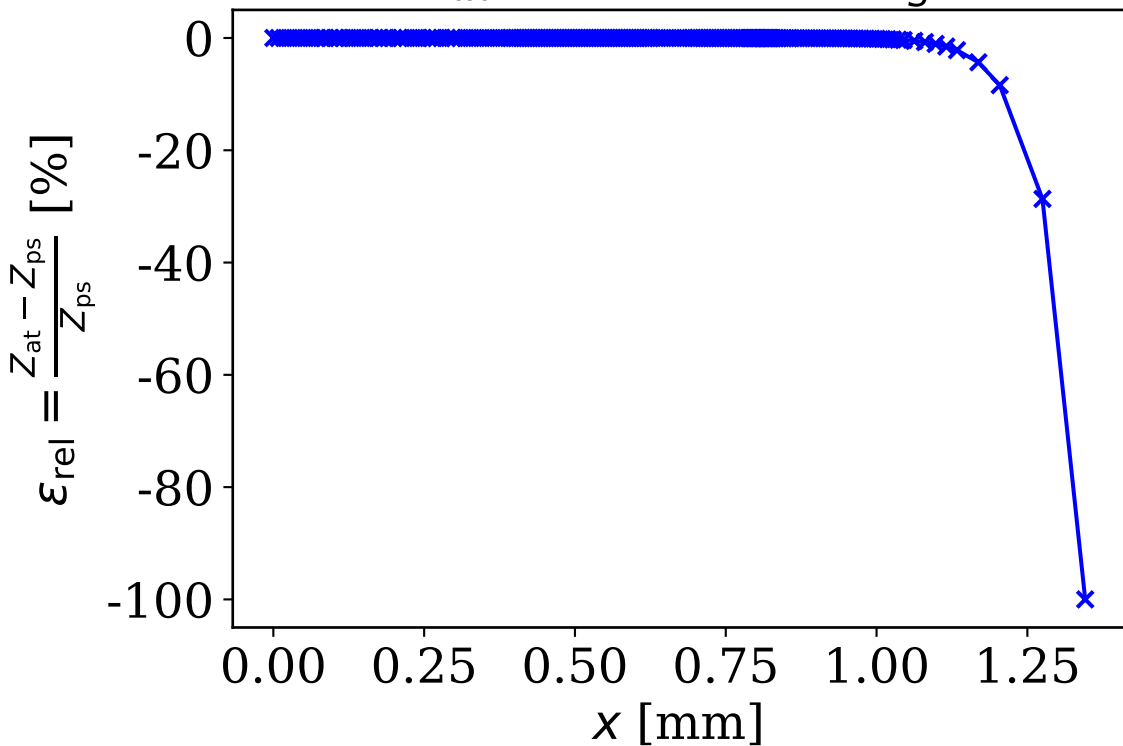
$$T_{\text{in}}=800\text{K} \quad a=34\frac{1}{\text{s}}$$



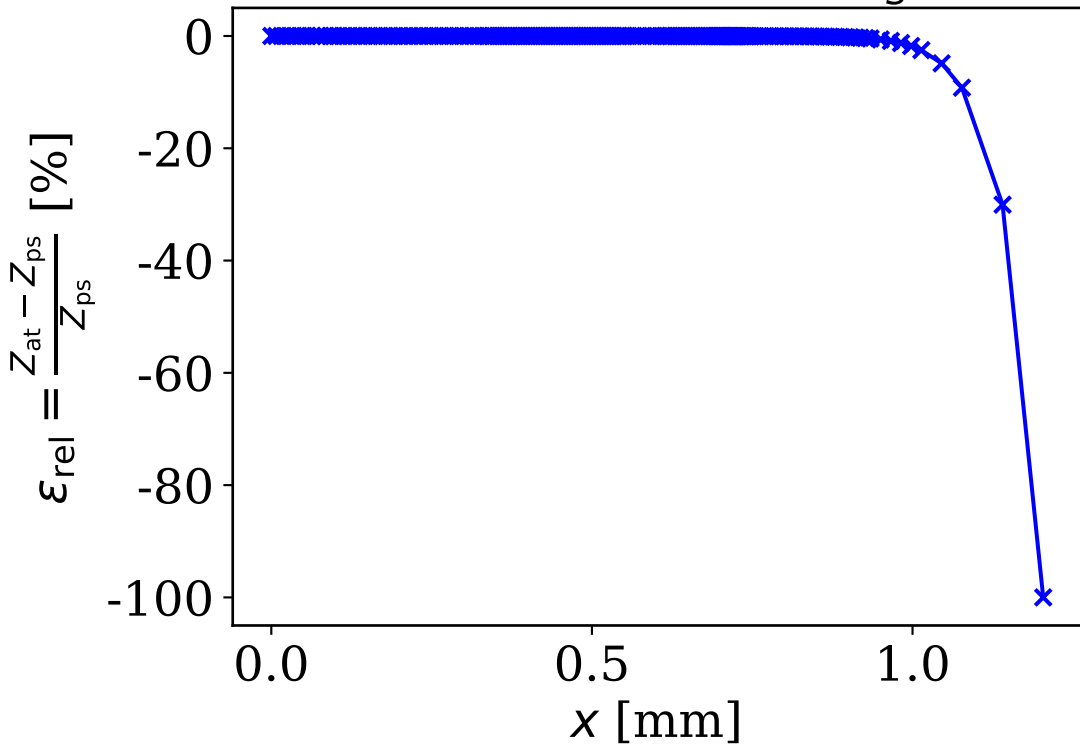
$$T_{\text{in}}=900\text{K} \quad a=34\frac{1}{\text{s}}$$



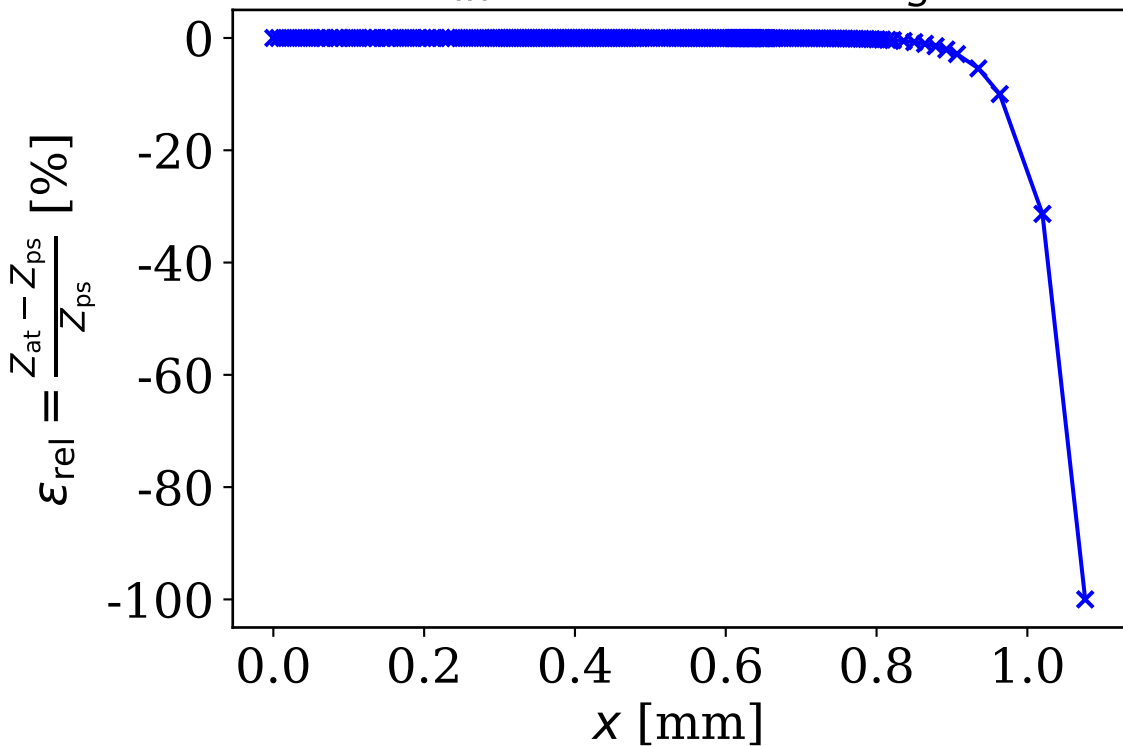
$$T_{\text{in}} = 1000\text{K} \quad a = 34 \frac{1}{\text{s}}$$



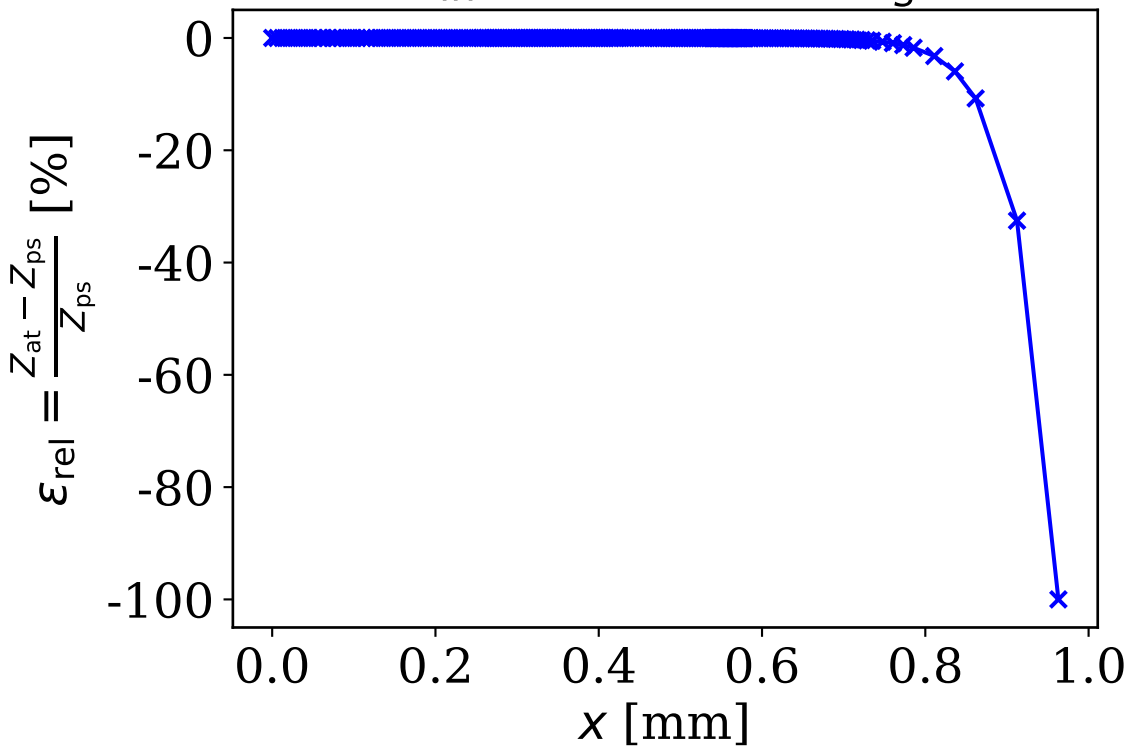
$$T_{\text{in}} = 1100\text{K} \quad a = 35 \frac{1}{\text{s}}$$



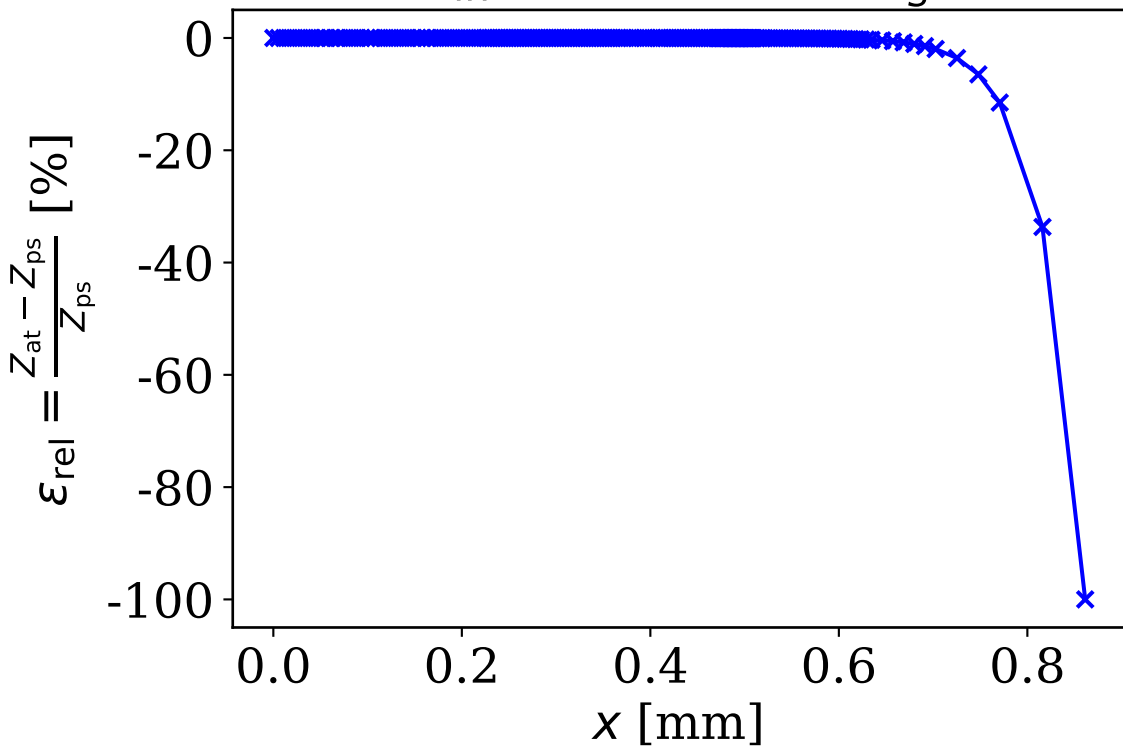
$$T_{\text{in}} = 1200\text{K} \quad a = 35 \frac{1}{\text{s}}$$



$$T_{\text{in}} = 1300\text{K} \quad a = 36 \frac{1}{\text{s}}$$



$$T_{\text{in}} = 1400\text{K} \quad a = 37 \frac{1}{\text{s}}$$



$$T_{\text{in}}=1500\text{K} \quad a=37\frac{1}{\text{s}}$$

