Forward Error n = 1000, k = 20, cond(A) = 1000.0, $\lambda = 0.4 \cdot \sigma_{\max}(A)$

Legend:
- $\|\widetilde{B}^{-1} - B^{-1}\|_2$
- $4\|A^{-1}\|_2 \, (3\,\varepsilon_1^{\mathrm{rel}} + \varepsilon_2^{\mathrm{rel}})$
- forward error bound
- $\varepsilon_1^{\mathrm{abs}} = \frac{1}{2\lambda\,\alpha}$

Axis labels: Value (y-axis), ε (x-axis)