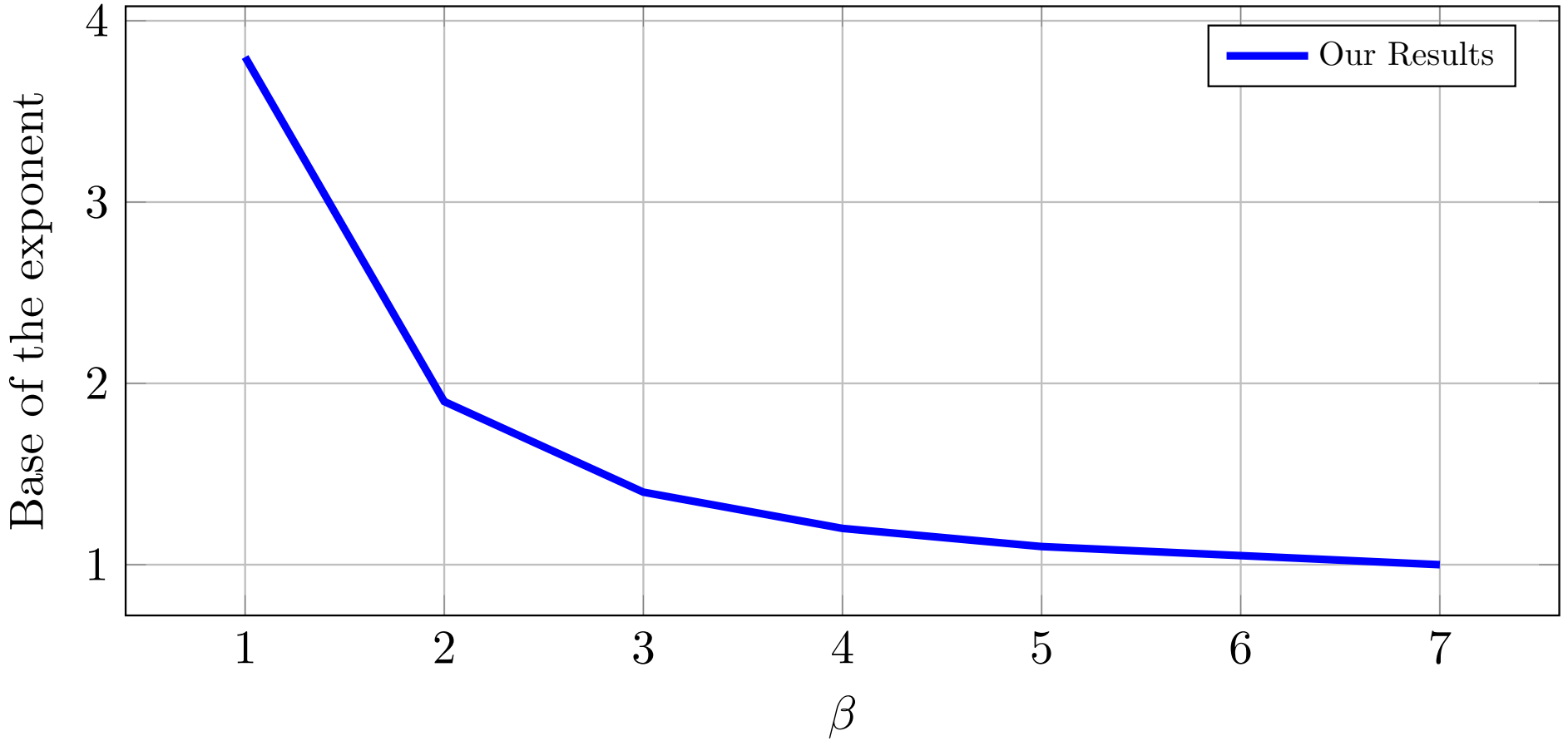

A Plot of Running Time The plot above shows the running time of our algorithm for `povd`. The x-axis represents the approximation ratio β, and the y-axis represents the base of the exponent in the running time, which is given by the relationship $\text{base}^k \cdot n^{(1)}$. Each point (β, d) in the plot indicates that the running time of the algorithm for a β-approximation is $d^k \cdot n^{(1)}$.