Line of sight integrand $\tilde{S}(k_{max}, x) j_\ell[k_{max}(\eta_0 - \eta(x))]$

Legend:
- $\ell = 6$
- $\ell = 100$
- $\ell = 200$
- $\ell = 500$
- $\ell = 1000$

x-axis: $x = \ln(a)$