Integrand of $C_\ell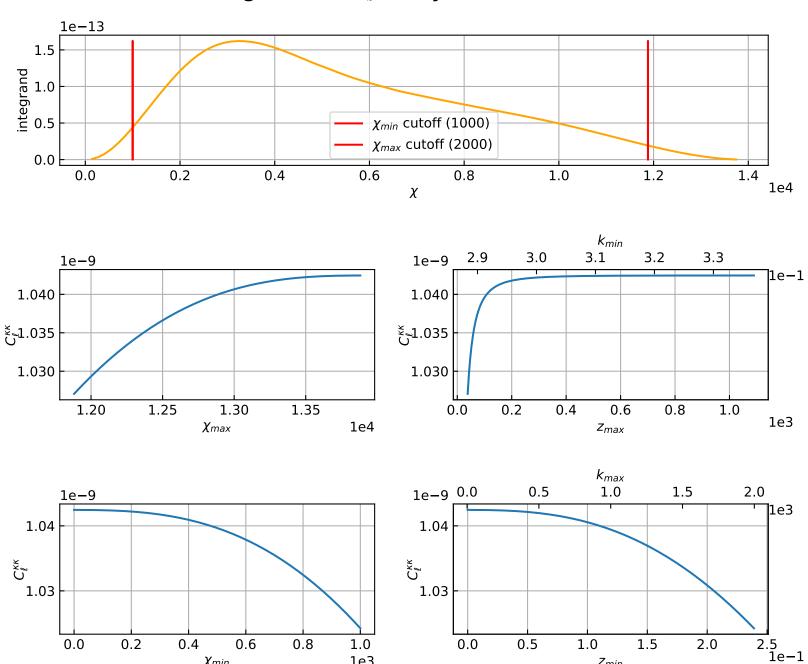(dweyl)$ at $\ell = 4002.0$