Densities - LiH, DFT, $I_0 = 1 \text{ W/cm}^2$ Grid $M_{max.} = 35$ Electronic density $\rho(x)$ 10^{-1} $M_{max.} = 90$ frozen $- M_{max.} = 24$ 10⁻³ 10⁻⁵ 10^{-7} 10^{-1} $\frac{10^{-1}}{(x)^{\frac{1}{2}}} \frac{10^{-3}}{10^{-3}}$ $\frac{(x)^{\frac{1}{2}}}{10^{-5}} \frac{10^{-5}}{10^{-5}}$ 10⁻³ 10^{-7} **-**300 300 -200 -100 100 200

Position x [a.u.]