	He	Ne	Be	Mg
I_p in eV	24.6	21.6	9.32	7.65
λ in nm	800	800	2000	3200
I_0 in W/cm^2	1.15×10^{15}	1×10^{15}	5×10^{13}	1.6×10^{13}
γ	0.425	0.426	0.501	0.502
$E_{\text{cut-off}}$ in eV	242	211	68.5	56.1
P_I	0.03	0.07	0.10	0.03

Table 1: Parameters used in the simulation of strong-field driving of He, Ne, Be, and Mg by a two-cycle laser pulse chosen to yield comparable Keldysh parameters. I_p: ionization potential [**?**], λ: wavelength, I_0: intensity of the driving field, γ: Keldysh parameter (Eq. **??**), $E_{\text{cut-off}}$: HHG cut-off energy calculated with the classical formula Eq. **??**, and P_I: ionization probability at the conclusion of the pulse.