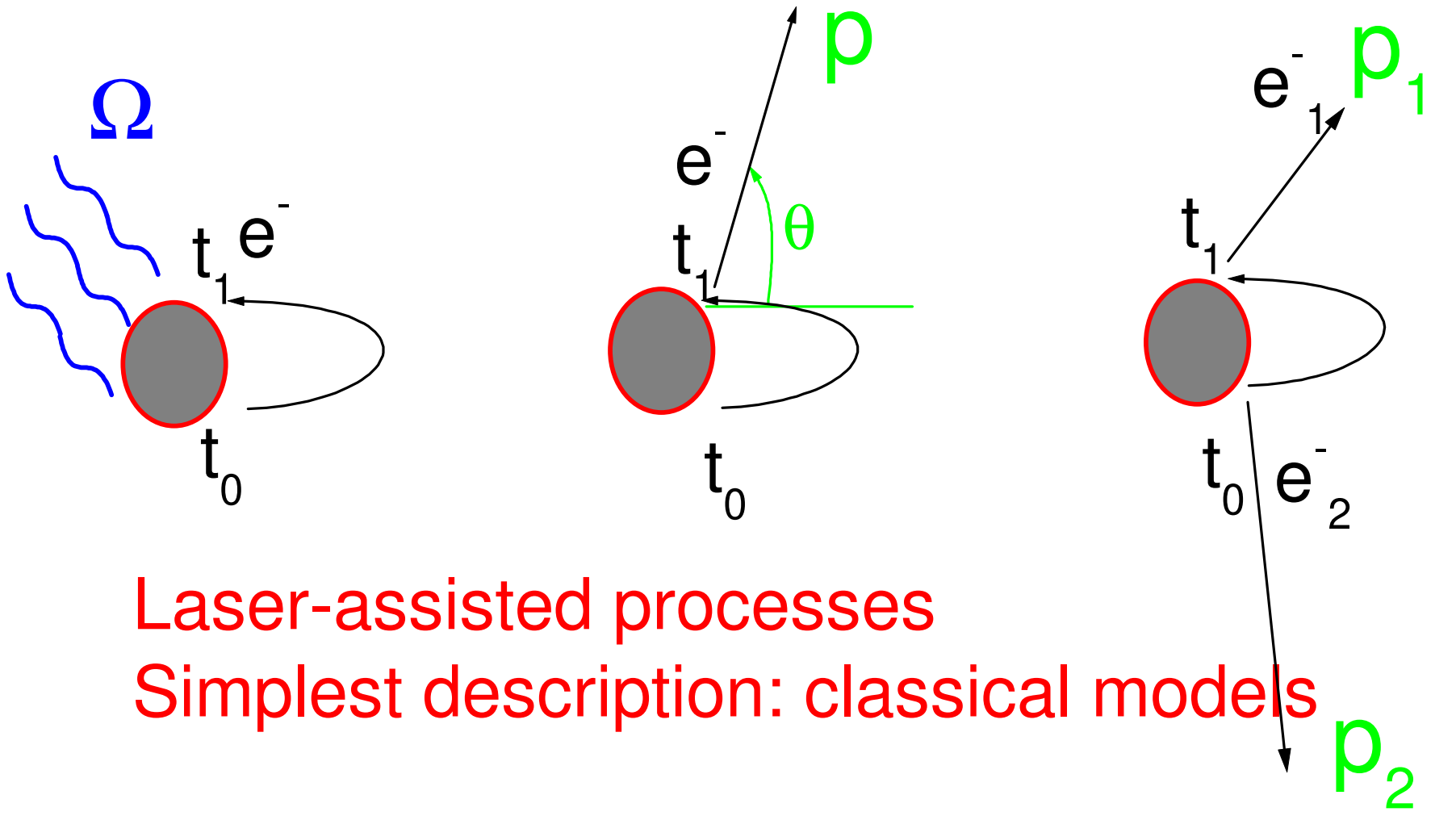
HHG
Recombination

High-order ATI
Elastic rescattering

NSDI
Inelastic rescattering



Laser-assisted processes
Simplest description: classical models