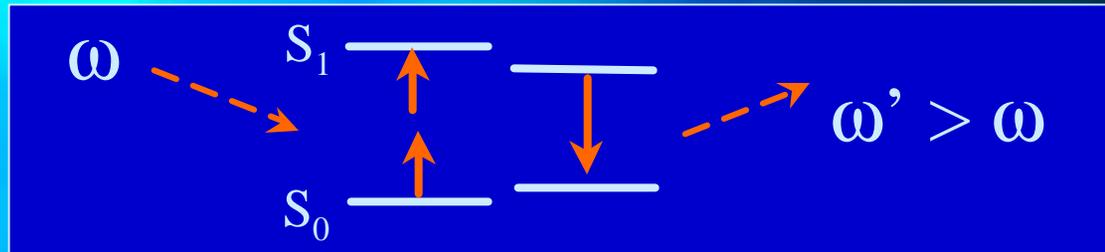
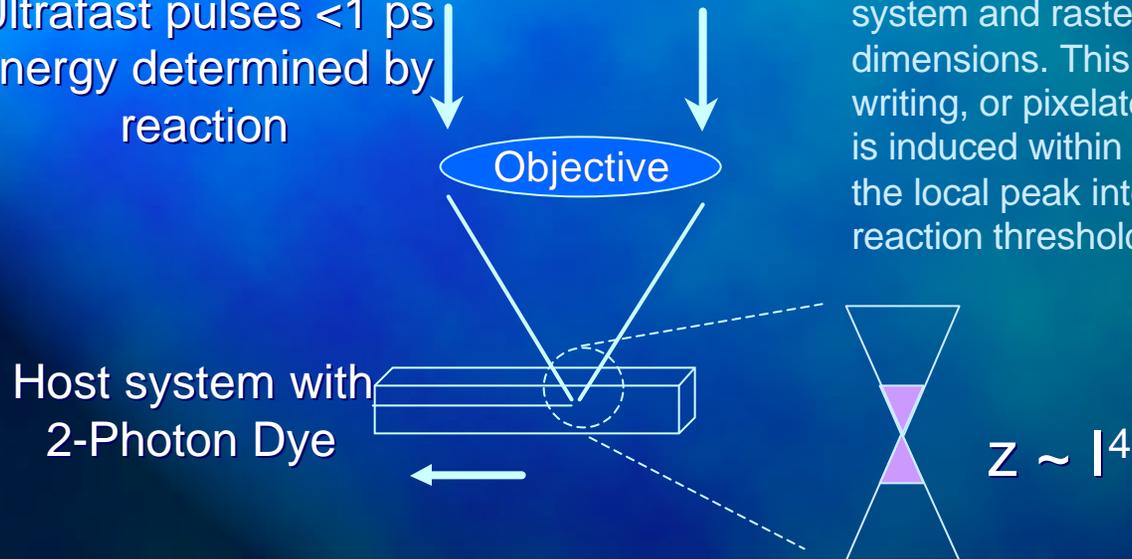


# Conventional Two-Photon-Induced Reactions



Ti:Sapphire Laser  
Ultrafast pulses  $< 1$  ps  
energy determined by  
reaction



Conventional Two-Photon Induced Reactions rely on focusing in a small  $f\#$  system and rastering the sample in three dimensions. This is referred to as serial writing, or pixelated writing. The reaction is induced within the focal volume where the local peak intensity is above the reaction threshold.