

Excimer Lasers and Their Applications

Module 2-9
of
Course 2, *Laser Systems and Applications*
2nd Edition



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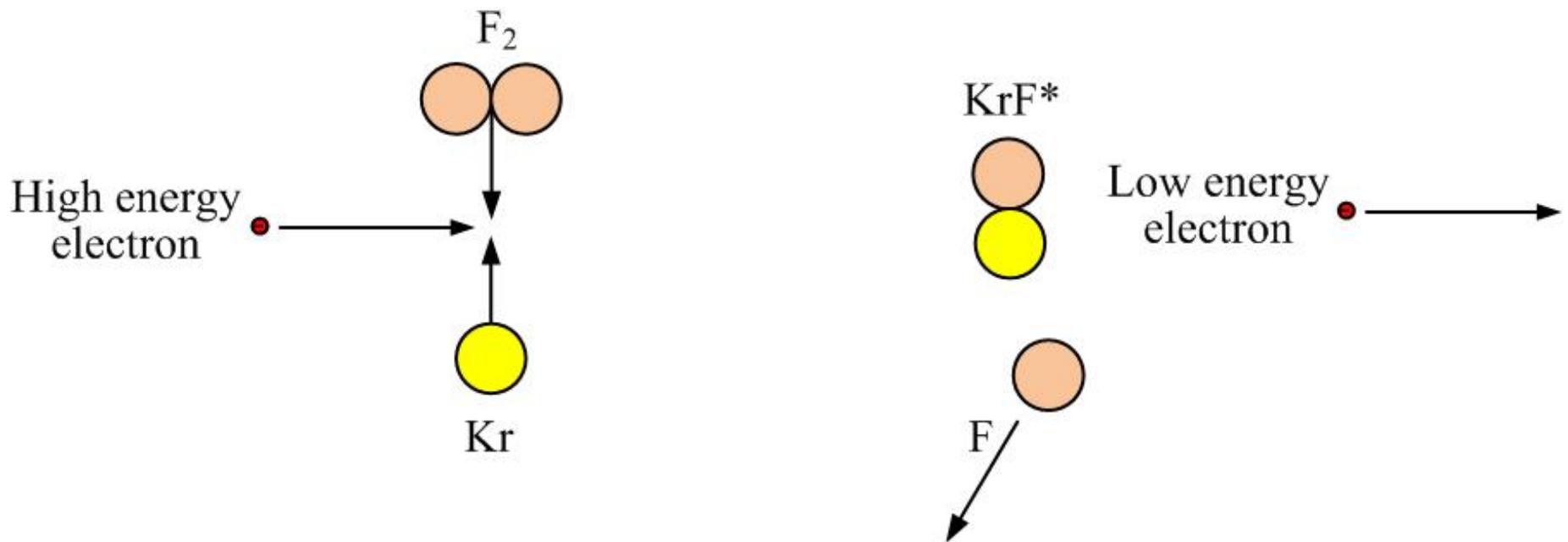


Figure 9-1 *Formation of a KrF* molecule. Left: Original situation of approaching particles before interaction. Right: Situation after the interaction has formed KrF*.*

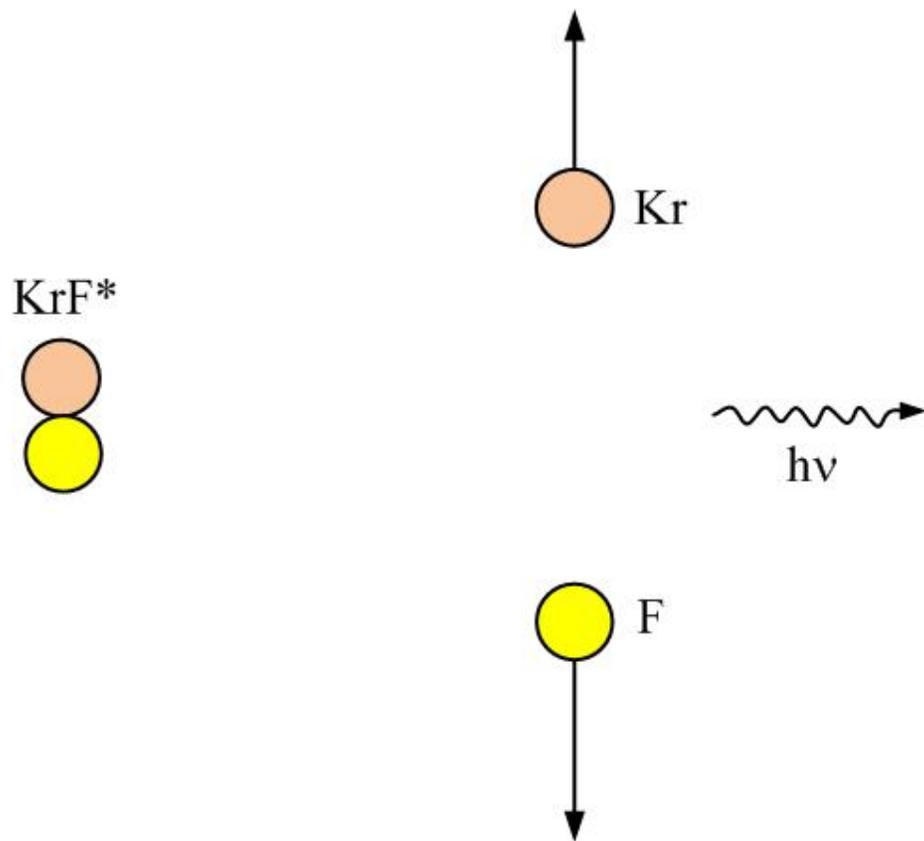


Figure 9-2 Breakup of excited KrF^* molecule. Left: Original KrF^* molecule. Right: Products of breakup of KrF^* molecule.

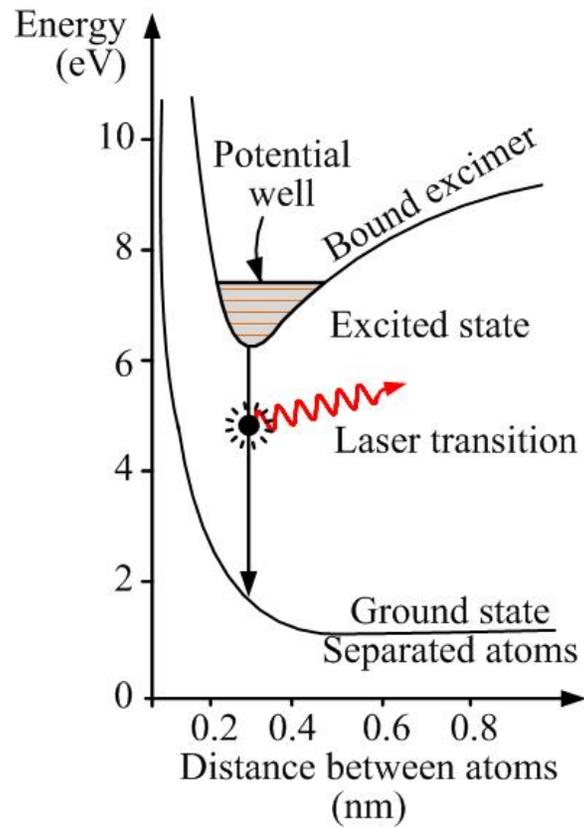


Figure 9-3 *Energy level diagram for an excimer*

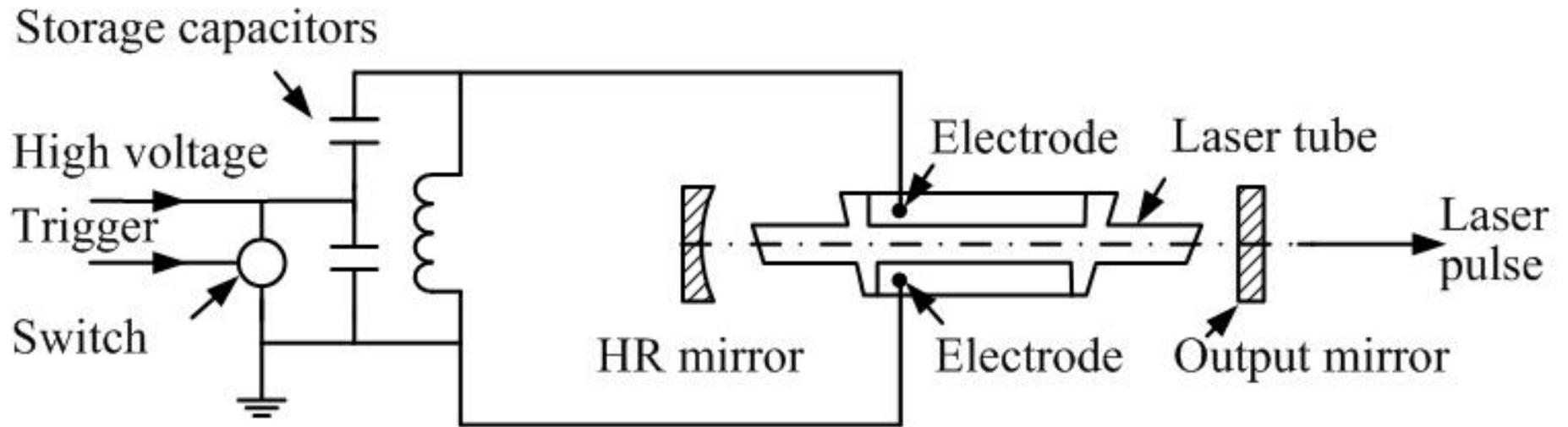


Figure 9-4 *Simplified schematic diagram of an excimer laser*