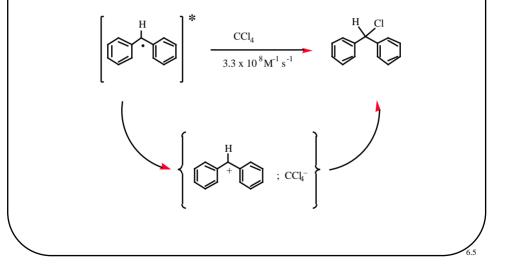
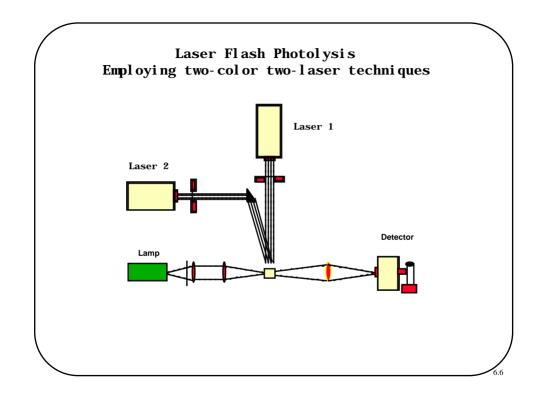
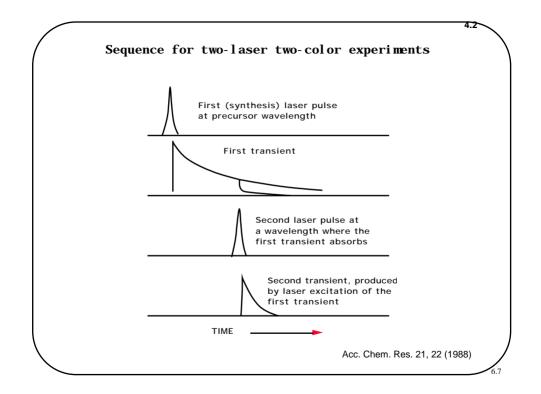
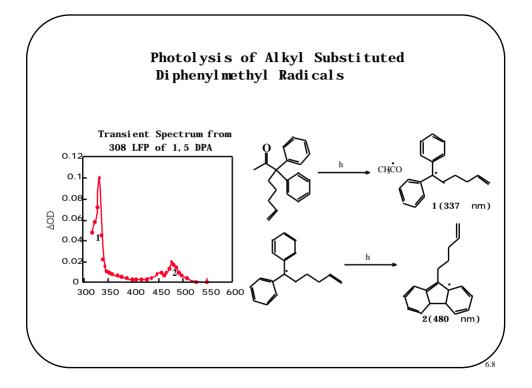


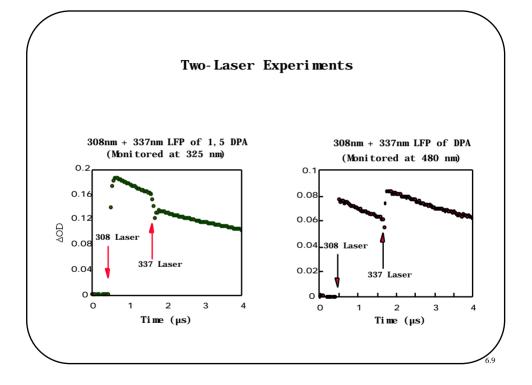
Halogen abstraction reactions of excited diphenylmethyl radicals are quite common. They are known to involve a charge transfer mechanism

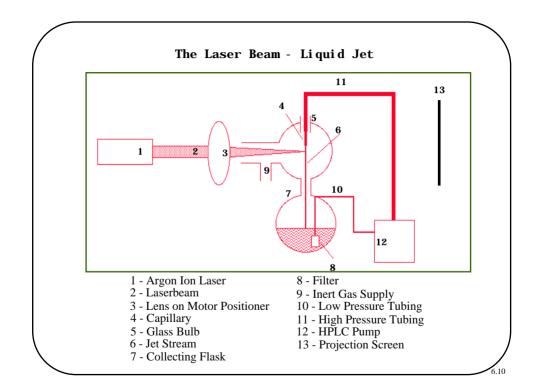












k₂ / k₁ for Laser Jet Photolysis of Dialkoxybenzyl Radical Precursors

Radicals		Thermolysis	Lamp Photolysis	Laser Jet Photolysis
R ¹	R ²	56 °C	35 C	40 °C
Ме	Et	6.5	4.2	0.90
Et	i-Pr	12	6.4	1.25
Me	i-Pr	>40	25	1.10

