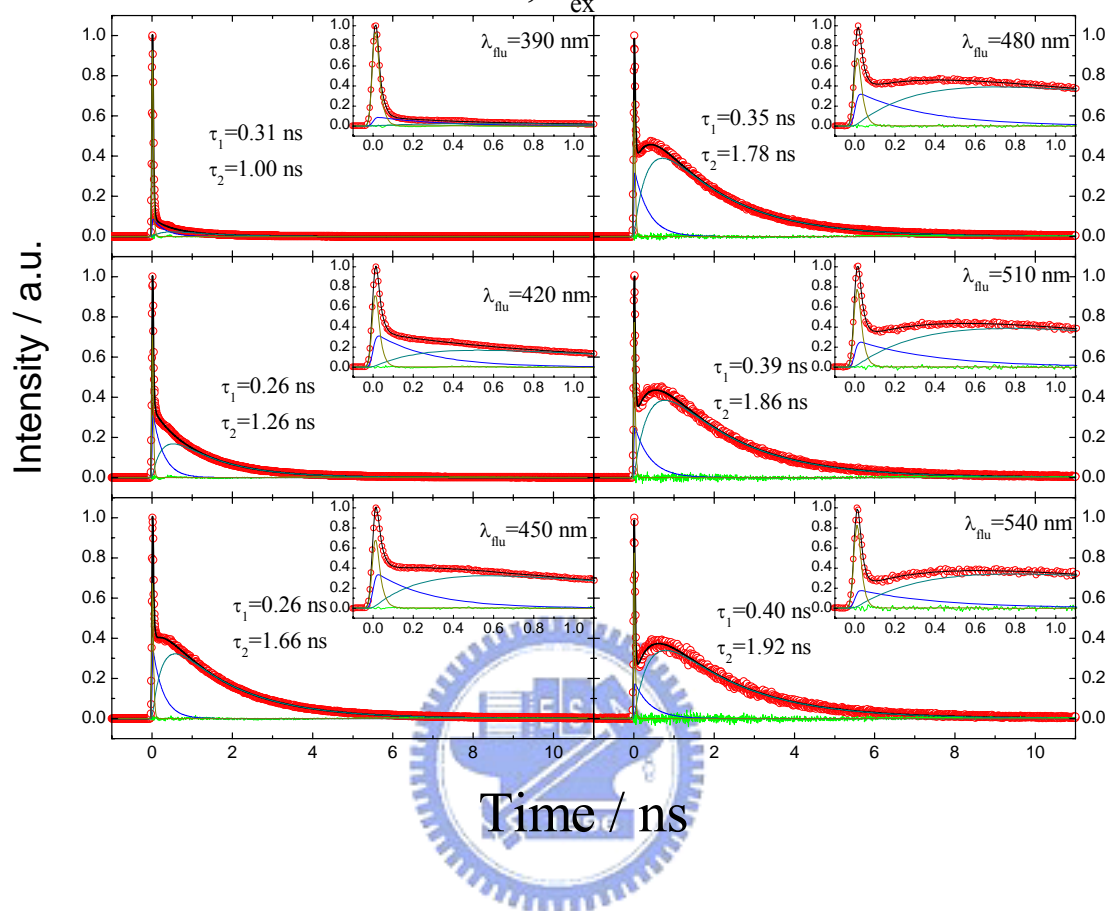
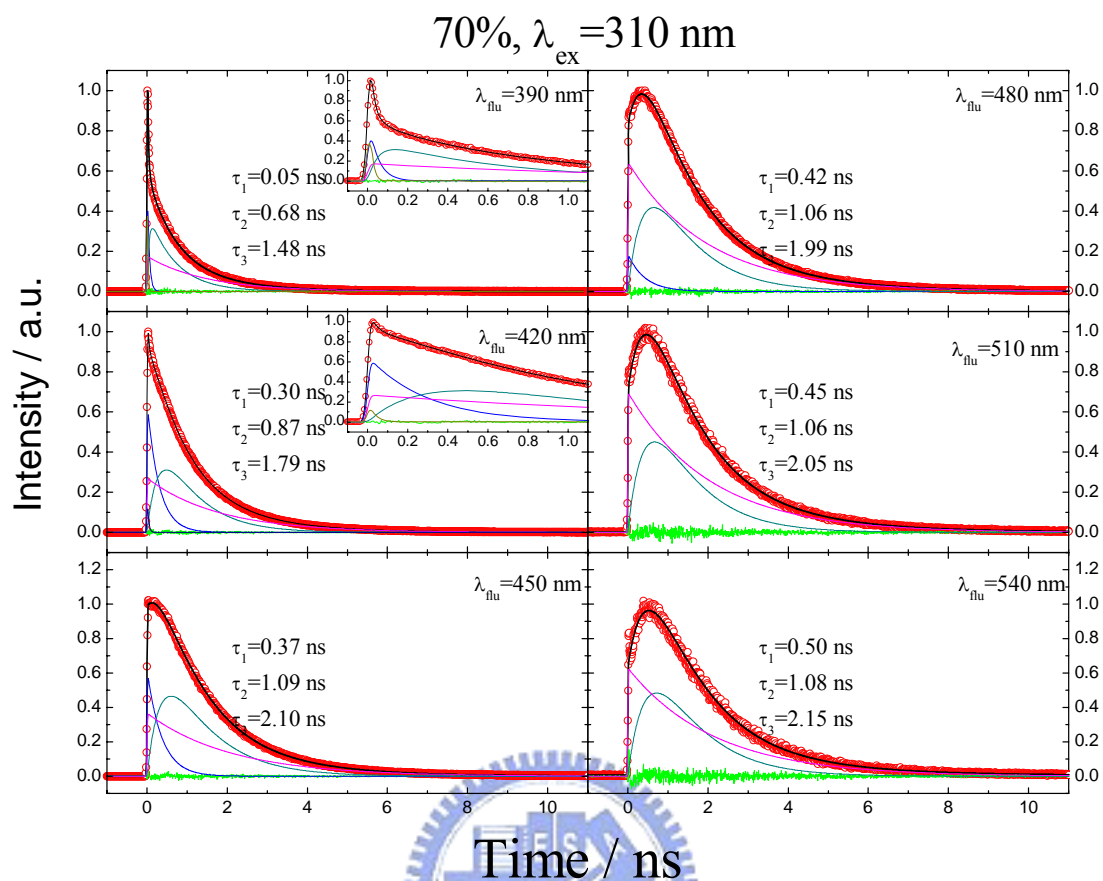


# Appendix A

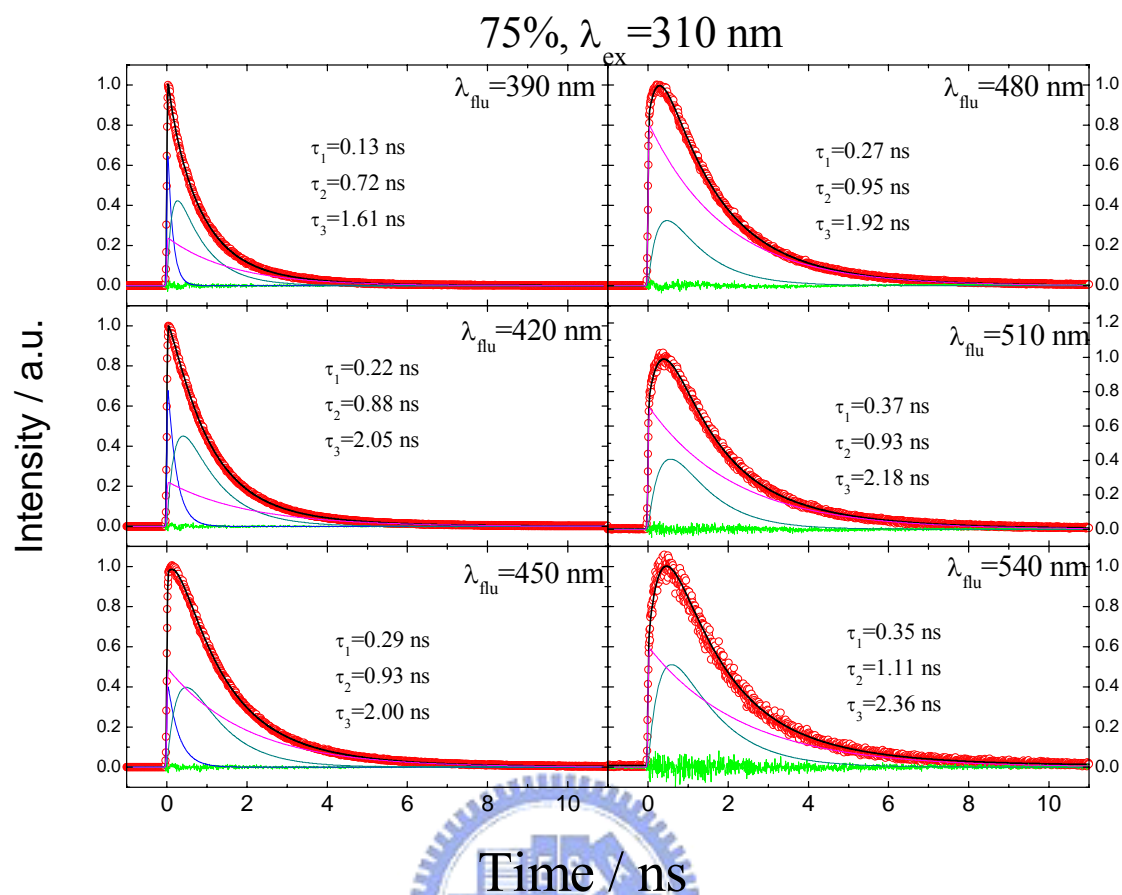
65%,  $\lambda_{\text{ex}} = 310 \text{ nm}$



Appendix A-1: The time-resolved transient of PPB in 65 % water/THF solution. The excitation wavelength is fixed at 310 nm.

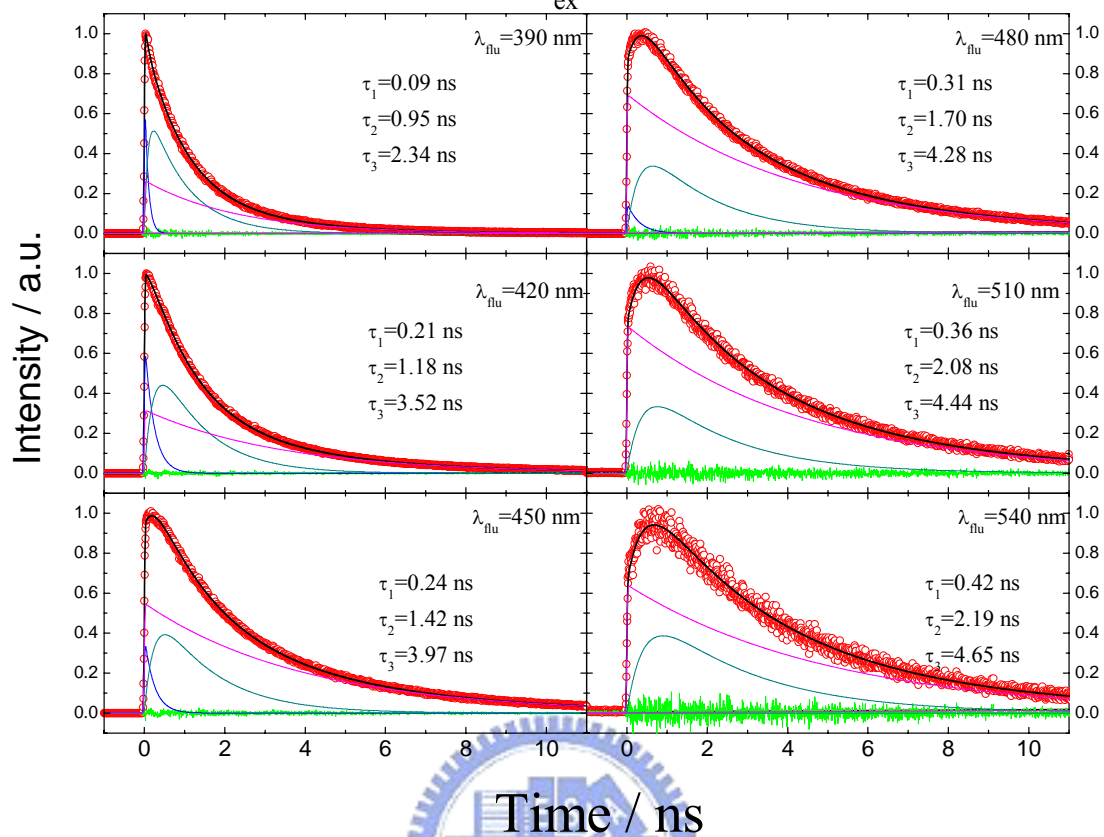


Appendix A-2: The time-resolved transient of PPB in 70 % water/THF solution. The excitation wavelength is fixed at 310 nm



Appendix A-3: The time-resolved transient of PPB in 75 % water/THF solution. The excitation wavelength is fixed at 310 nm

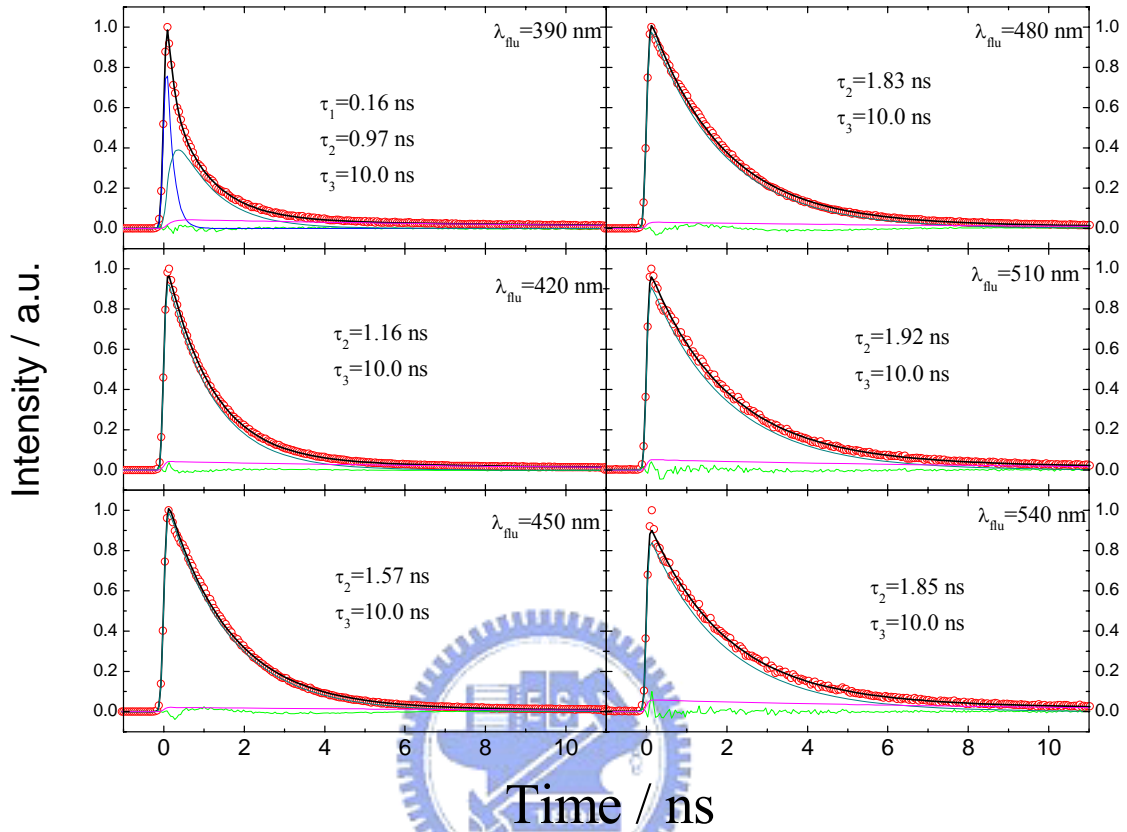
80%,  $\lambda_{\text{ex}} = 310 \text{ nm}$



Appendix A-4: The time-resolved transient of PPB in 80 % water/THF solution. The excitation wavelength is fixed at 310 nm

# Appendix B

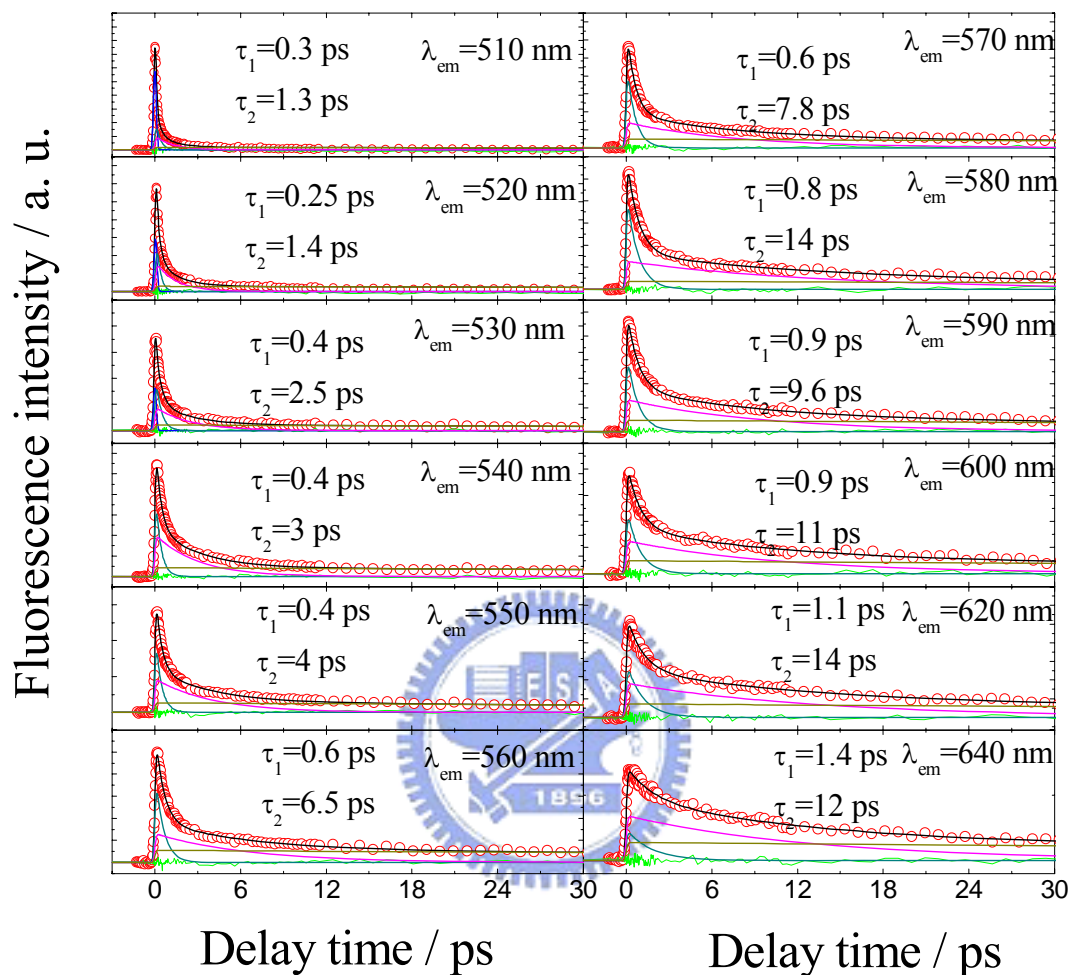
Single crystal,  $\lambda_{\text{ex}}=310$  nm



Appendix B-1: The time-resolved transient of PPB single crystal. The excitation wavelength is fixed at 310 nm.

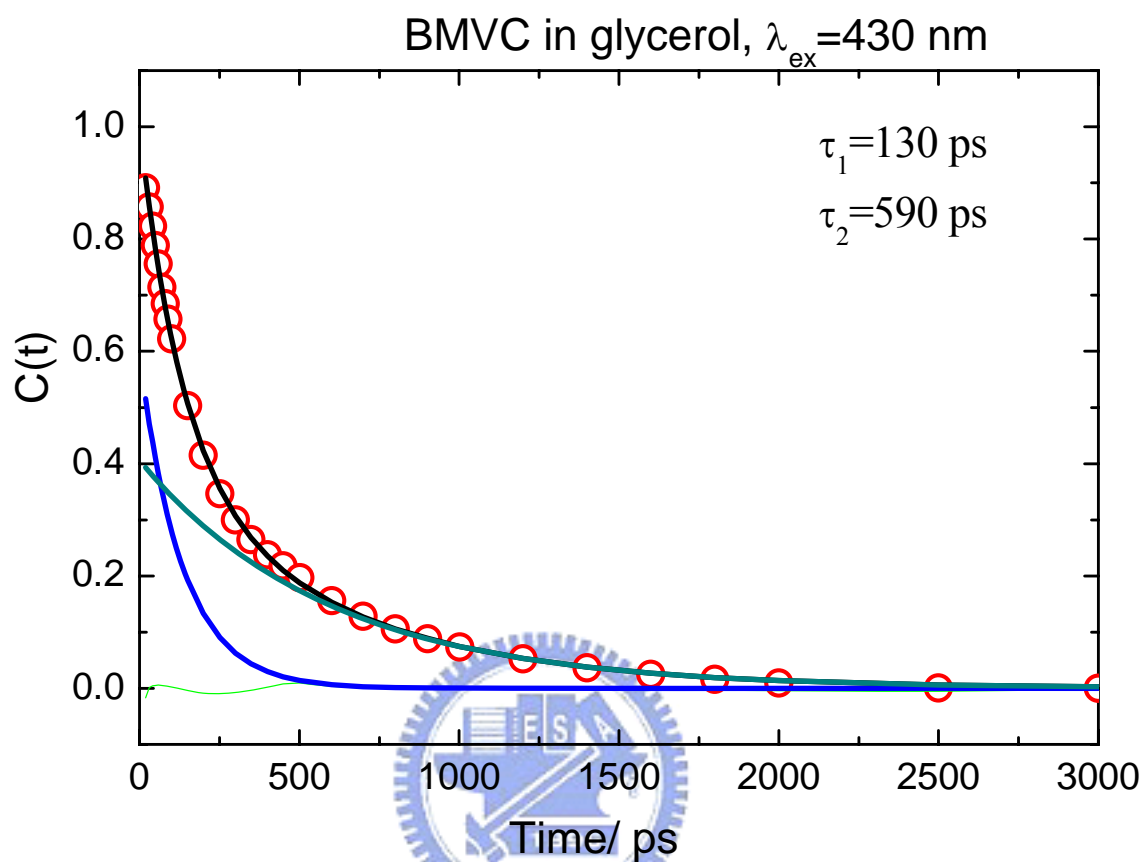
# Appendix C

## BMVC in Tris\_buffer, $\lambda_{\text{ex}}=430$ nm



Appendix C- 1: The deconvolution of the time-resolved transients of BMVC in Tris-HCl solution

## Appendix D



Appendix D-1: The solvent response function,  $C(t)$ , of BMVC in glycerol. The spectra was obtained using TCSPC technique