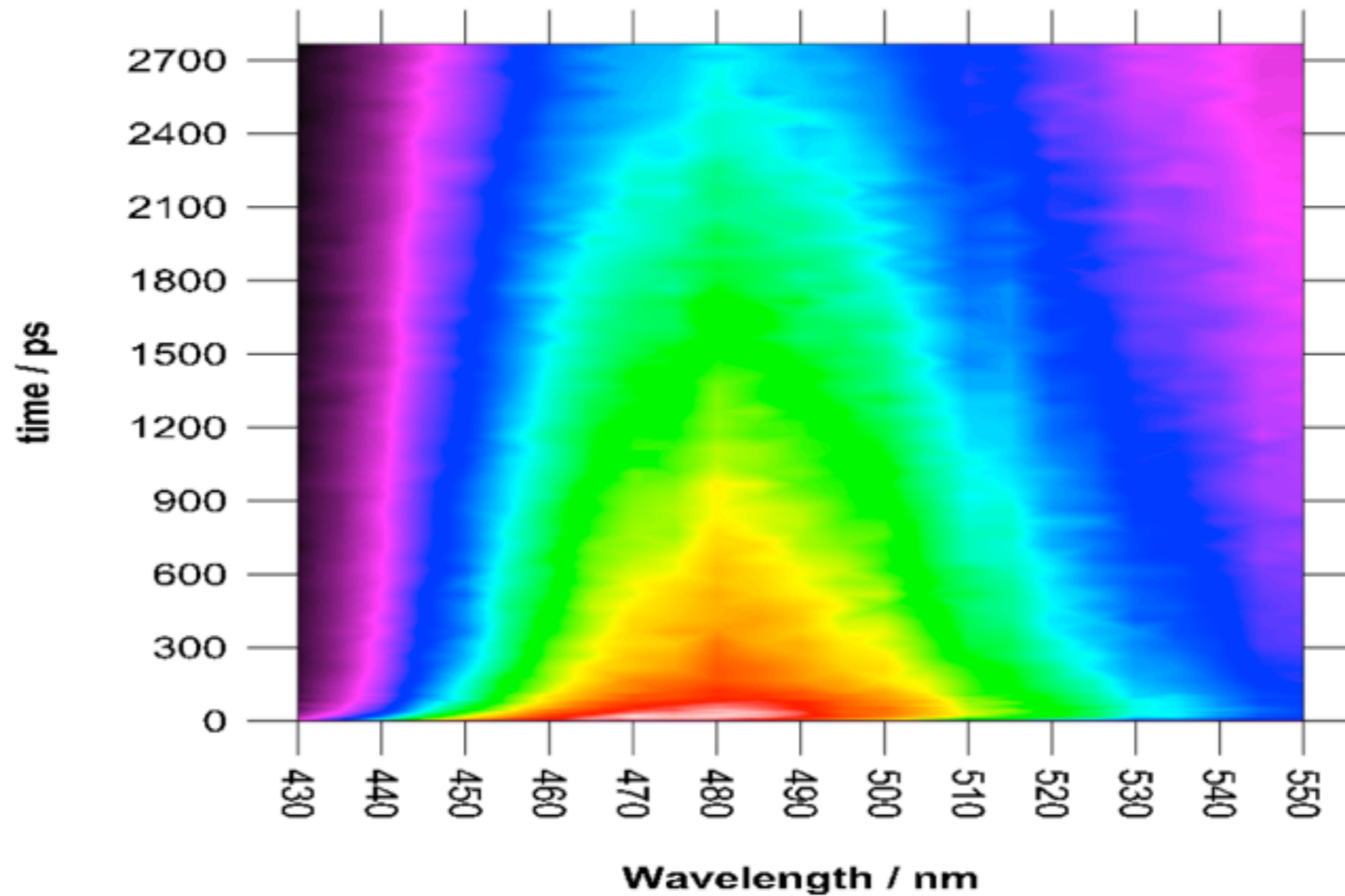


HALCYONE + MAITAI

Data Example

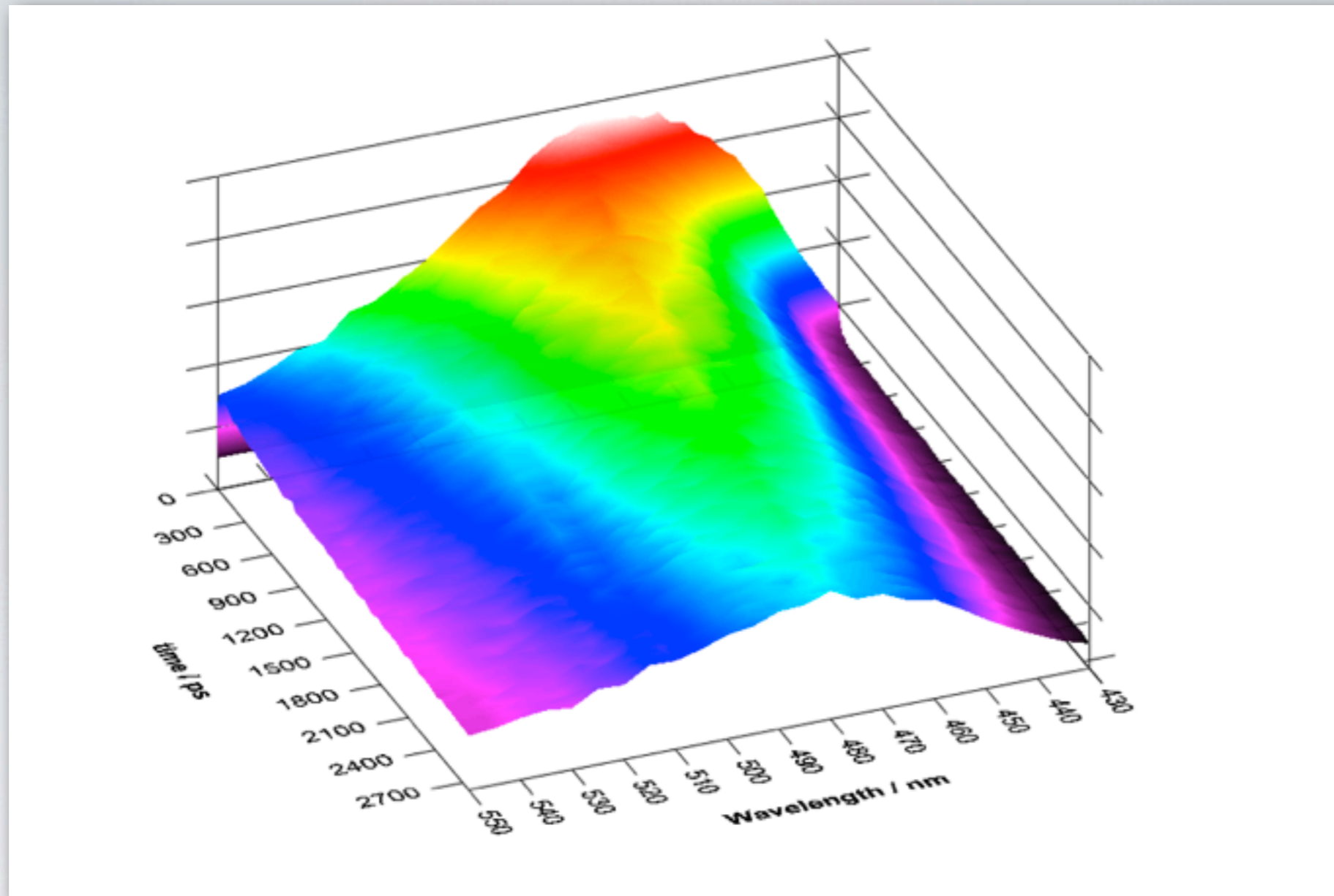
EXPERIMENTAL DETAILS

- The lab is not humidity controlled.
- The lab is air conditioned at 76° F, however the temperature fluctuations are up to 4 degrees throughout the day.
- Laser repetition rate was 80 MHz.
- The photoexcitation of the samples was done with the SH (second harmonic) of the fundamental laser output - 400 nm.
- Each time/wavelength point is a result of a 1 sec integration.
- No correction for excitation energy fluctuations was performed.
- The photoexcitation energy was 3 mW.
- Sample measured: Coumarin 480 in ethanol.



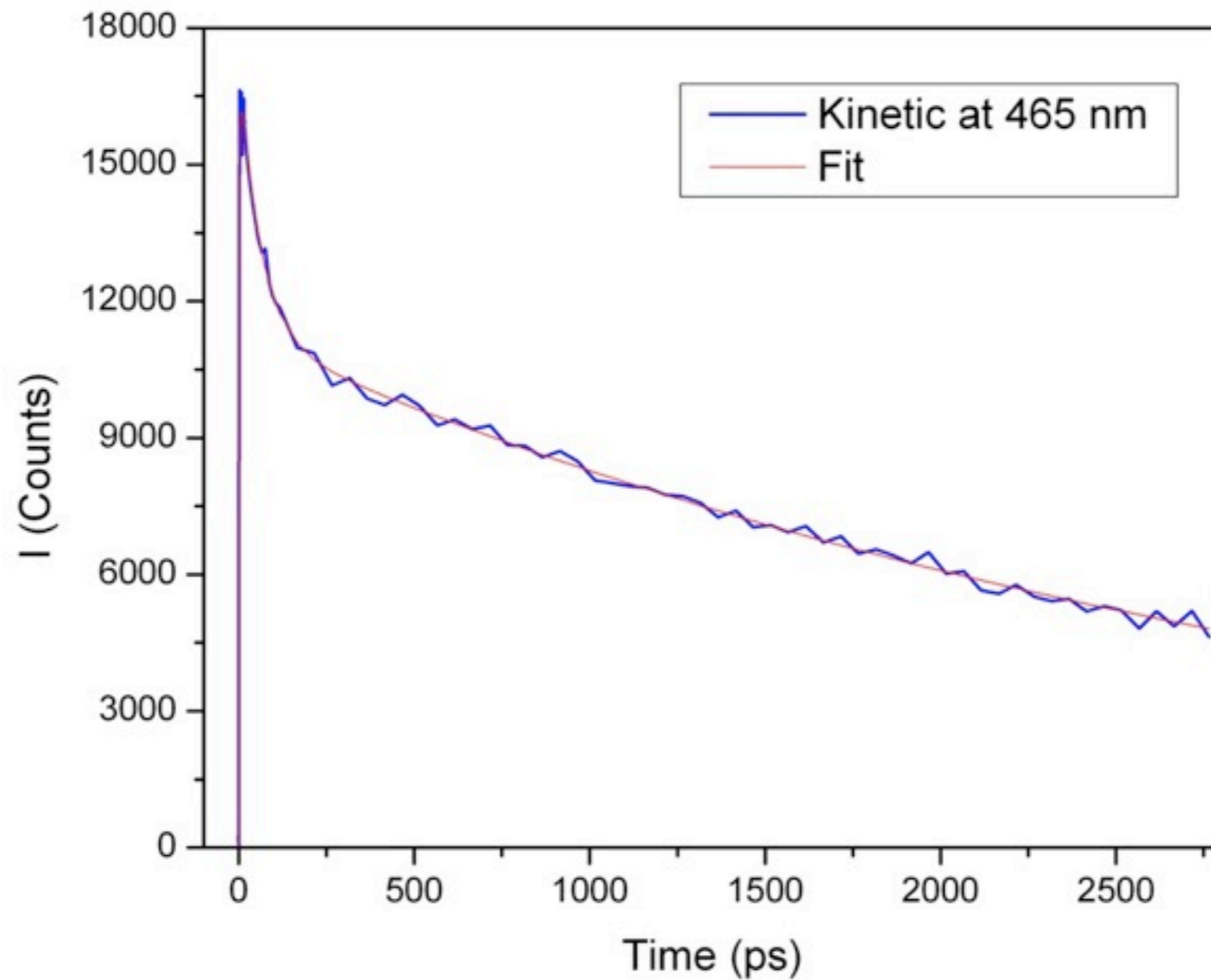
DYNAMIC SURFACE

Intensity-Wavelength-Time surface of Coumarin 480.
Bird's eye view.



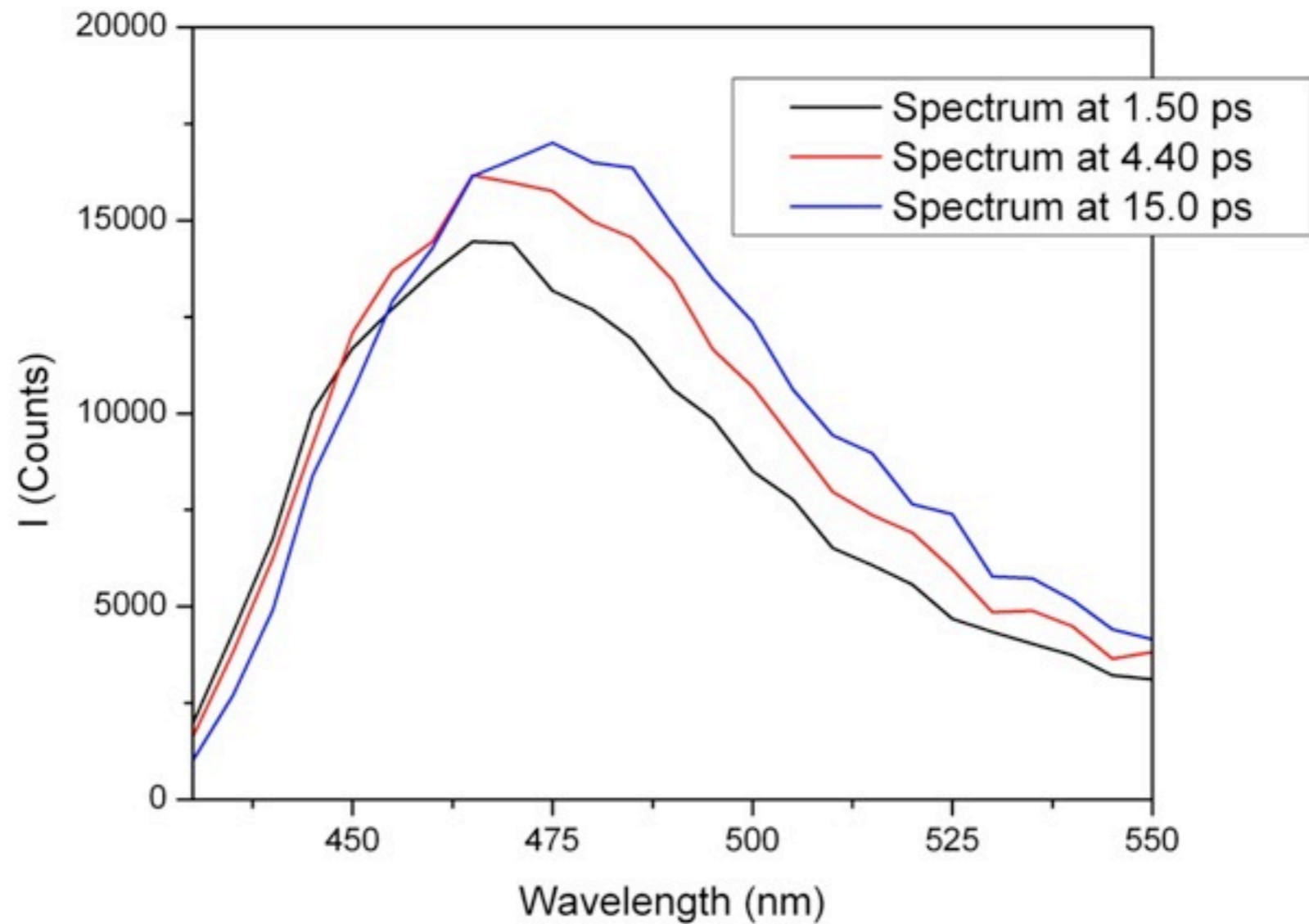
DYNAMIC SURFACE

Intensity-Wavelength-Time surface of Coumarin 480.
3D view.



DATA EXAMPLES

Kinetic profile of Coumarin 480 in ethanol at 465 nm.



DATA EXAMPLES

Spectral profiles of Coumarin 480 in ethanol at various delays.