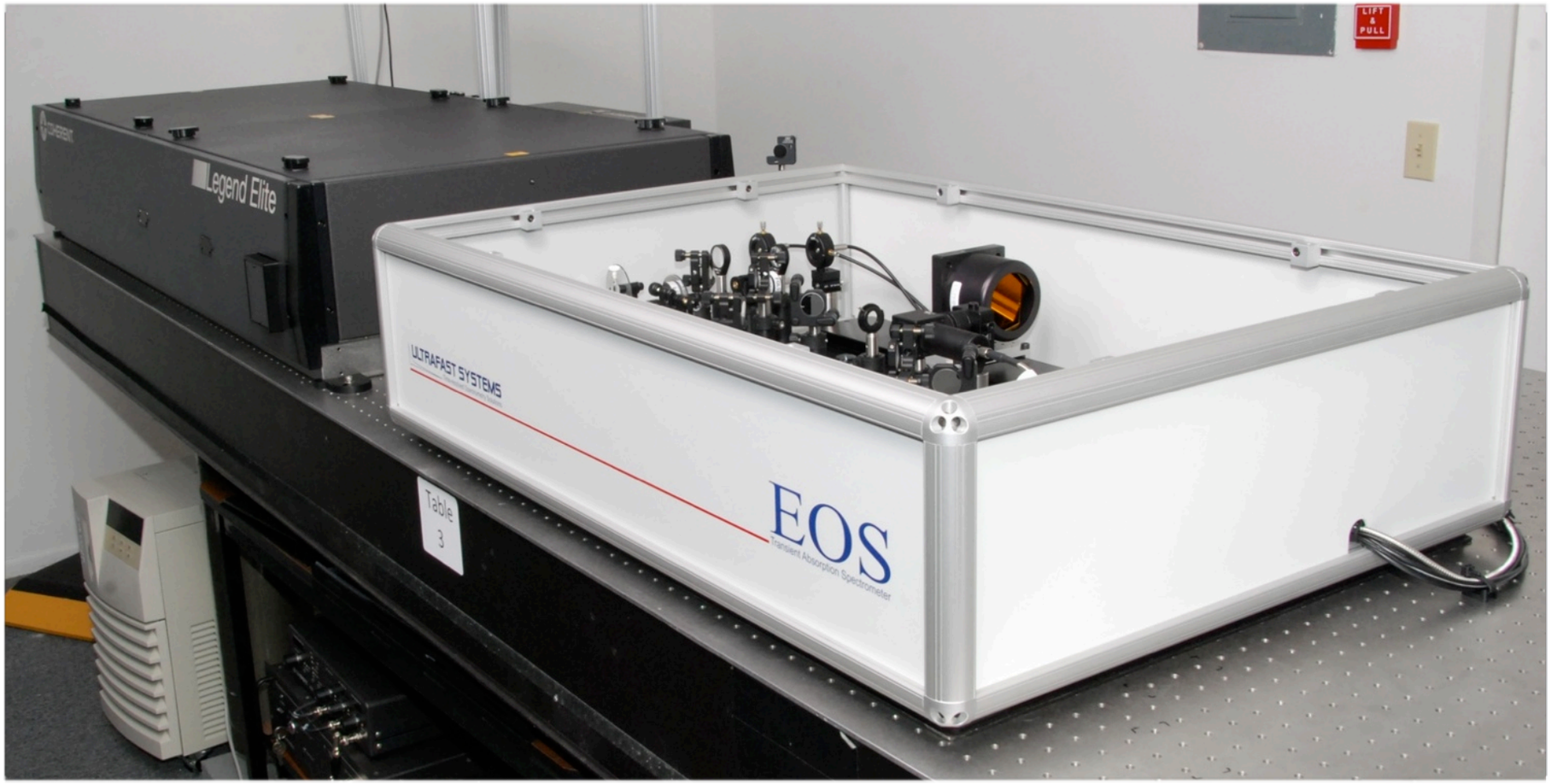

EOS + LEGEND ELITE

Data Example

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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 1 kHz.
- The photoexcitation of the samples was done with the SH (second harmonic) of the fundamental laser output - 400nm.
- Time points were sampled randomly for 25 min.
- The experiment was performed with two probe channels (probe reference).
- The background noise in the experiment was 5E-4 OD after 25 min of averaging.
- No correction for excitation energy fluctuations was performed.
- The photoexcitation energy was 2 μJ per pulse.
- Sample measured: ZnTPP (Zn Tetra-phenyl-porphyrin) in toluene.

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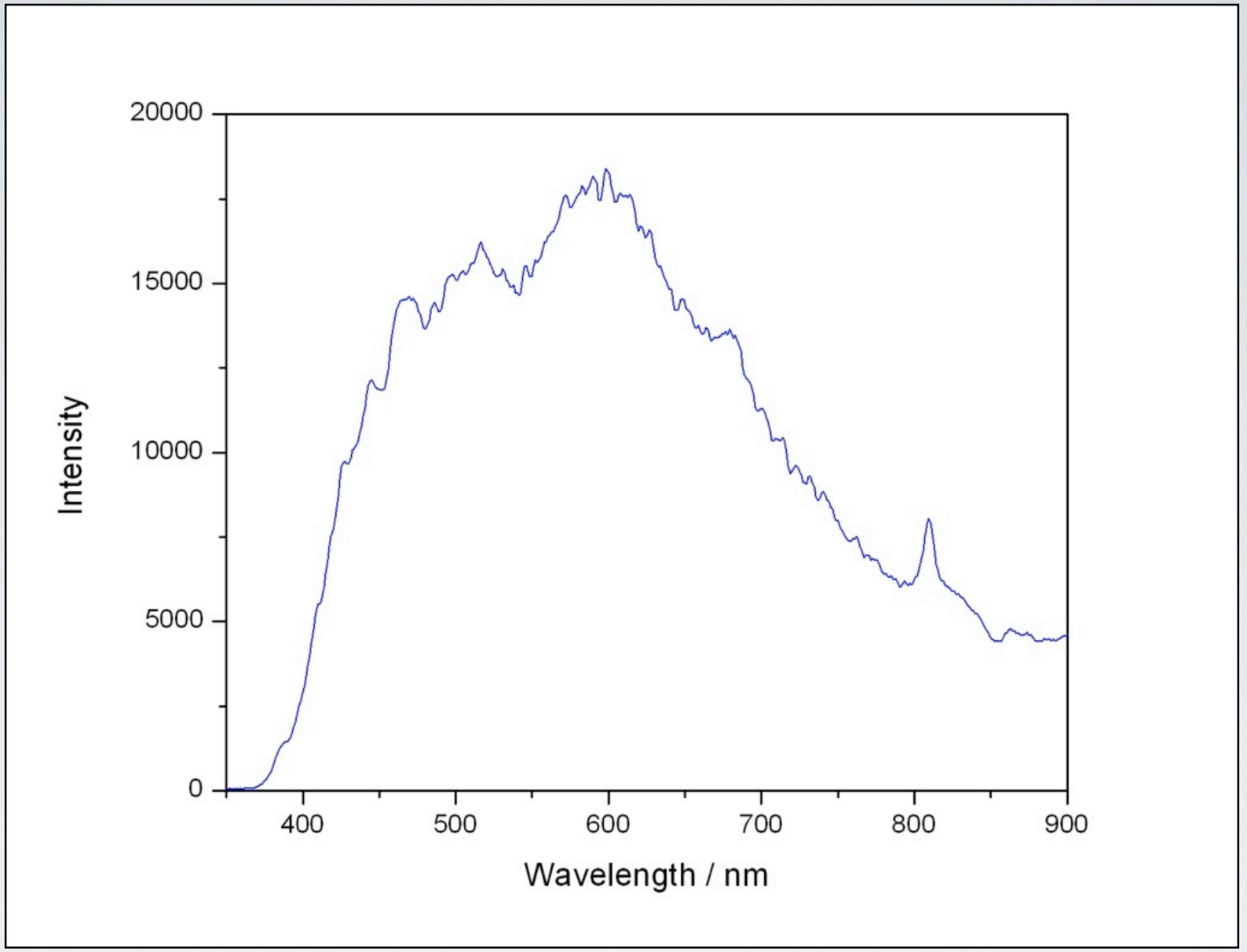

PROBE LIGHT SPECTRUM

The supercontinuum spectrum generated in the photonic crystal fiber.

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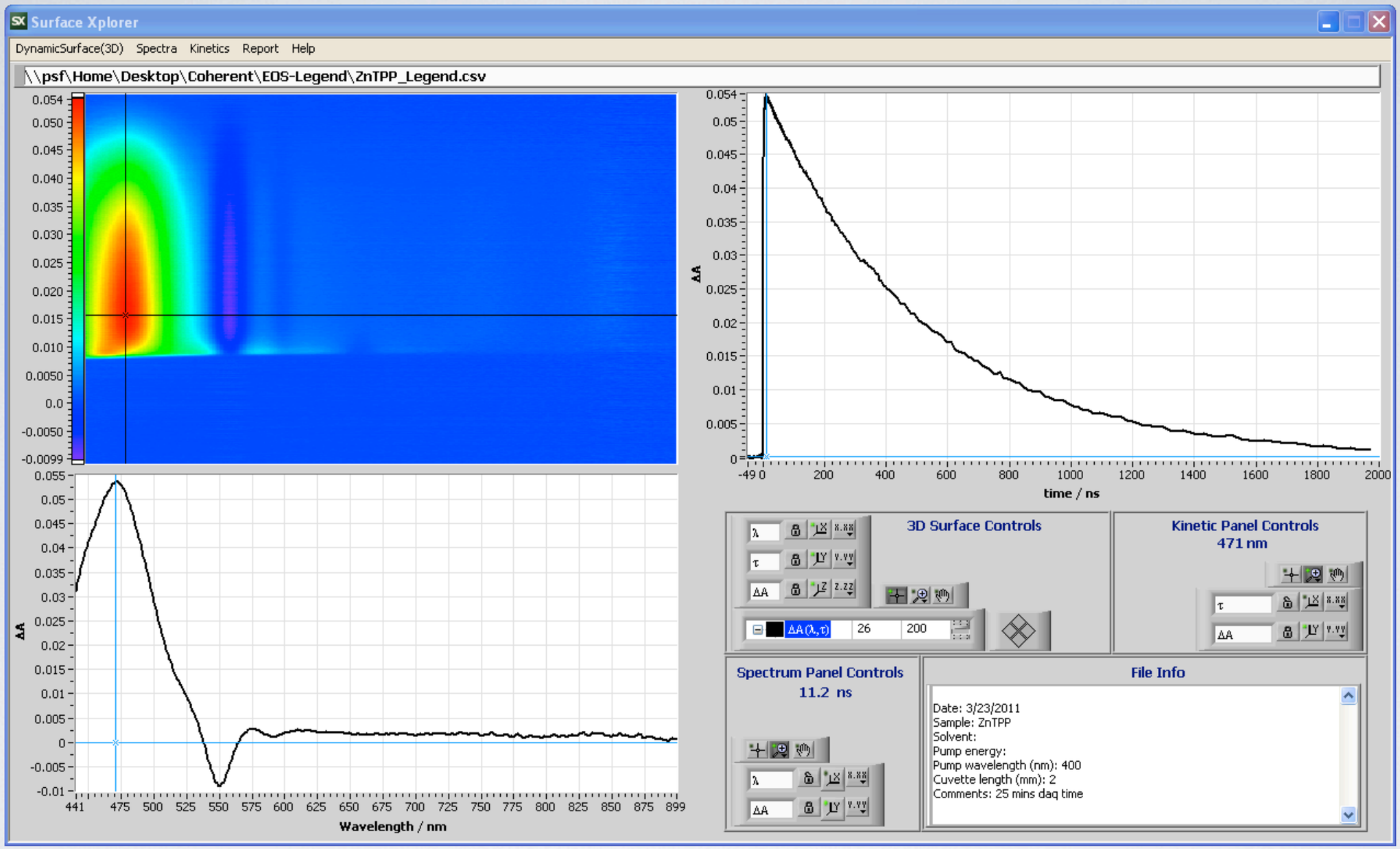

SURFACE XPLORER

The ZnTPP dynamic surface with kinetic and spectral slices in Surface Xplorer software

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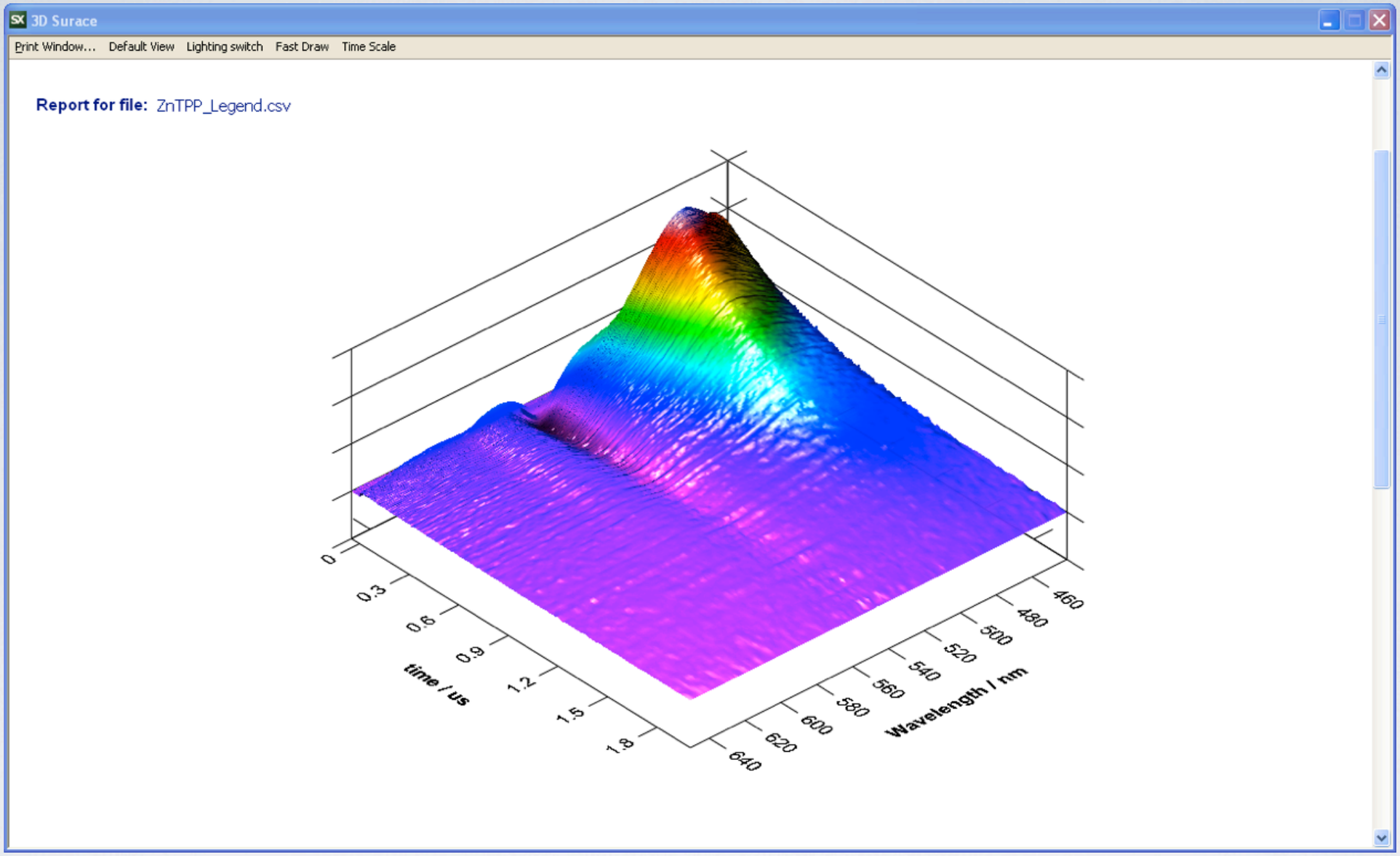

DYNAMIC SURFACE

3D Delta Absorbance-Wavelength-Time surface of ZnTPP in toluene

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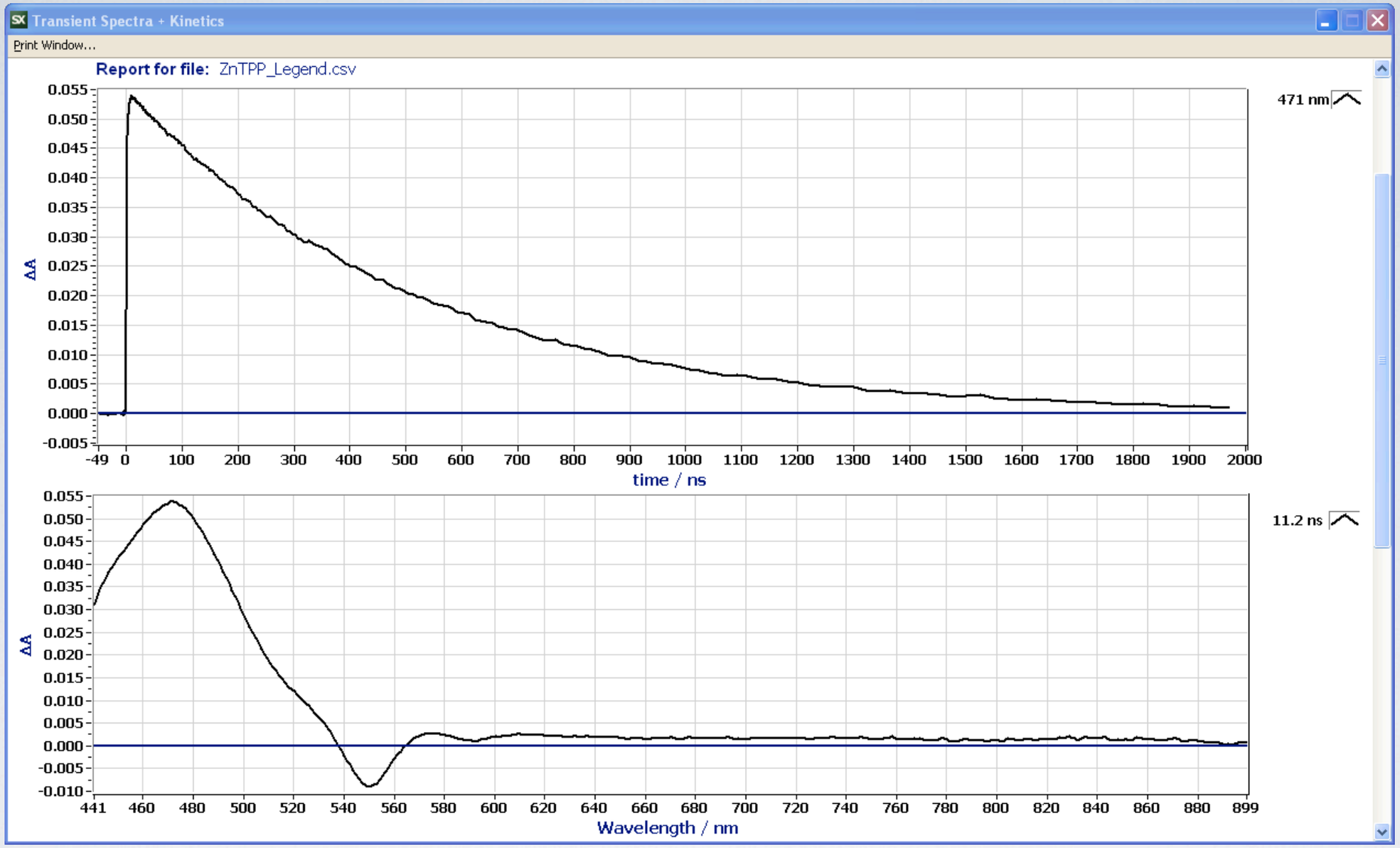

DATA

Kinetics and spectral slices from the dynamic surface

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