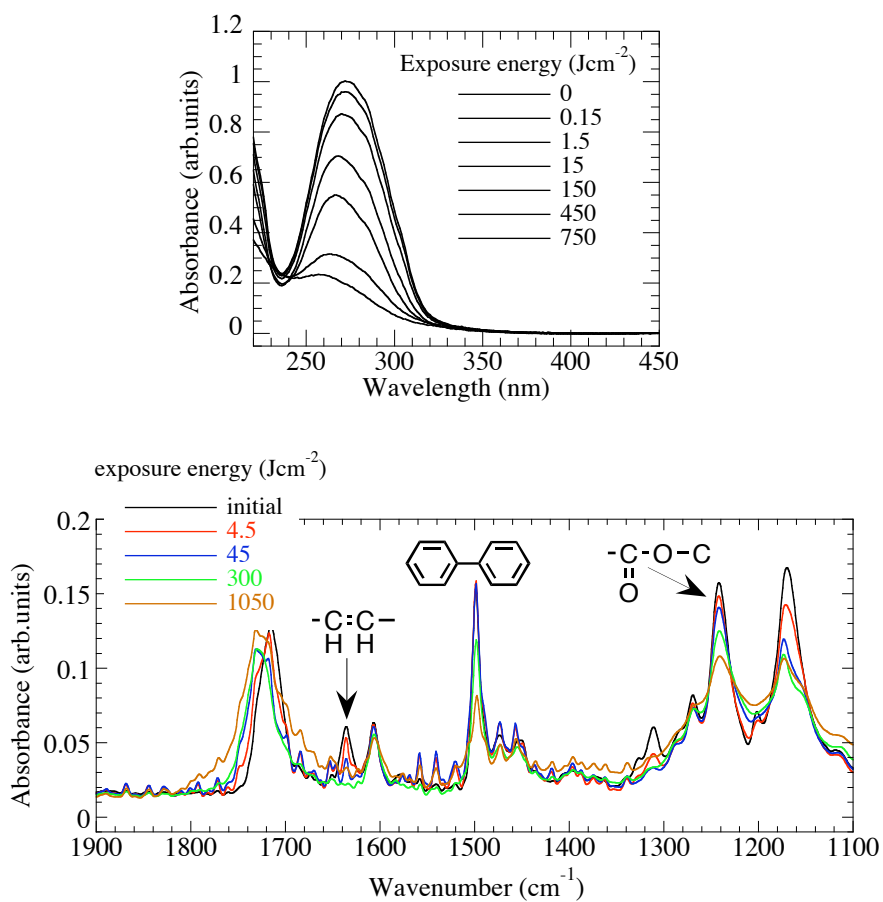


Change in UV absorption and FT-IR spectrum of P2 film.



When the exposure energy is until 50 Jcm⁻², decrease at 1635 cm⁻² (double bond in cinnamate) is observed. For the further exposing, decreases at 1500 cm⁻² (biphenyl groups), and at 1240 cm⁻² (ester C-O-C bond) are detected, which correspond to the photodegradation.

Other polymer films exhibited similar results.