

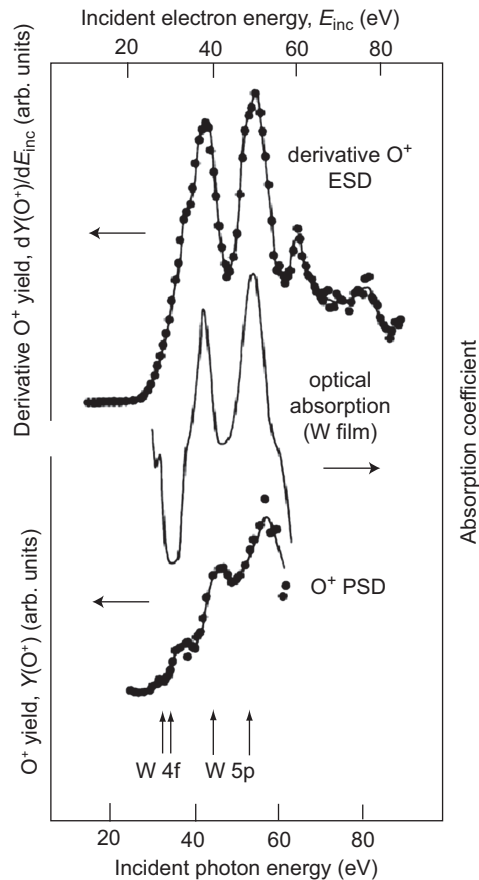


Fig. 6.38 Photon stimulated yield curve of O⁺ emission from O adsorbed on W{100} shown for comparison with the energy derivative ESD from the same surface and with the optical absorption spectrum of a W foil. All curves are normalised to constant incident photon or electron flux, while the ESD is offset in energy by 5 eV as an approximate work function correction to give the same excitation energy relative to the Fermi level. The approximate binding energies of the W 4f and 5p core levels (which are dependent on the oxidation state) are also shown. Reprinted from Woodruff *et al.* (1981). Copyright 1981, with permission from Elsevier.