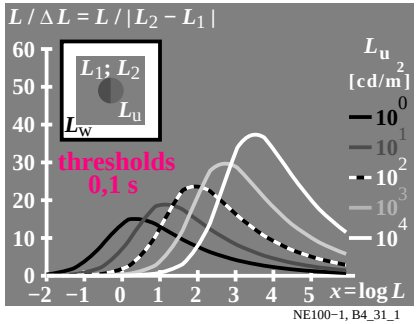

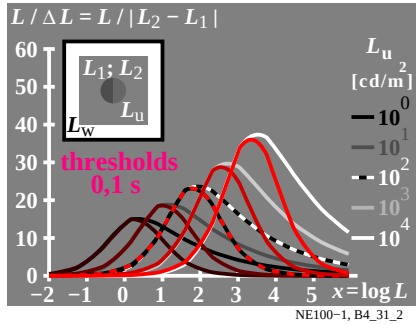

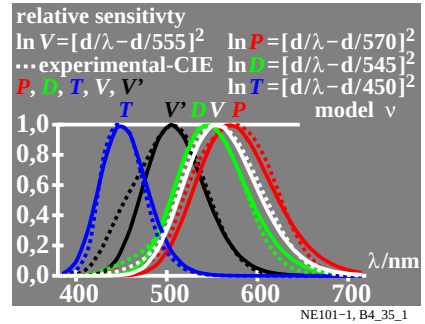

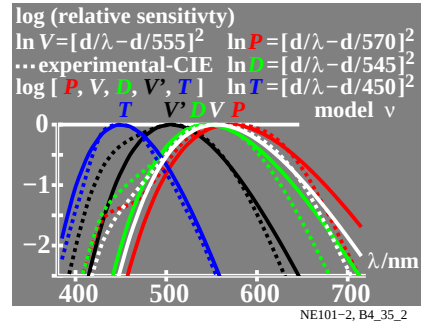

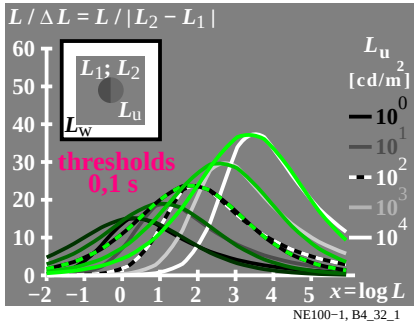

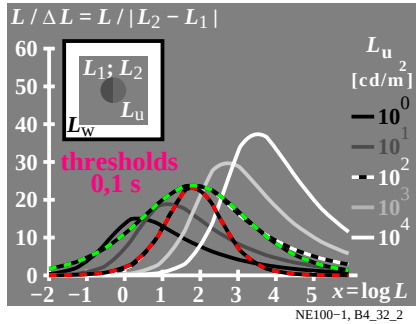

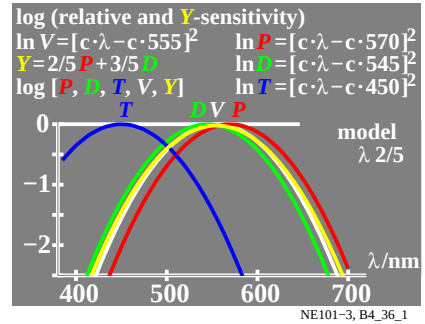

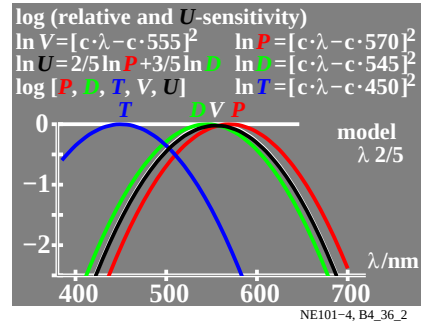

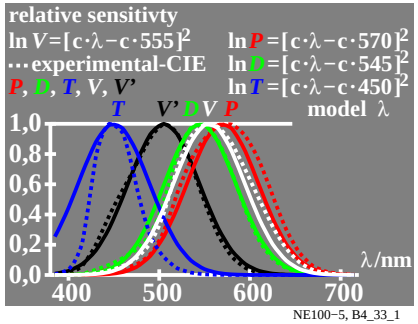

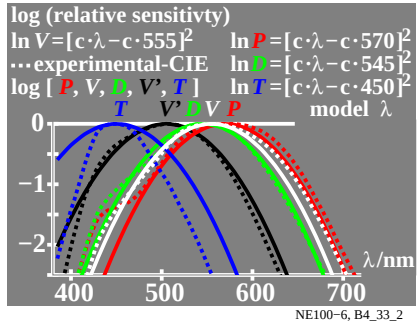

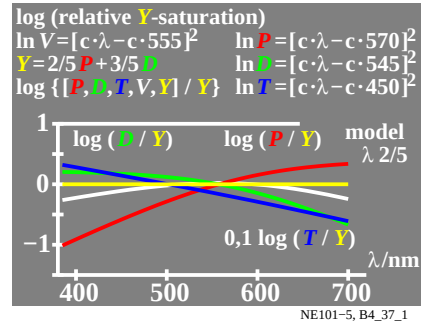

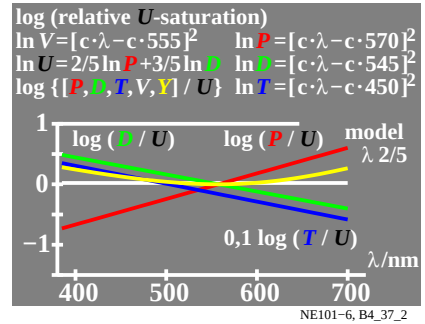

spectral sensitivities s of receptor systems P, D, T, V, V'

u=λ=wavelength; u=ν=frequency

$s(u) = e^{-u^2}$ e=2,7183 ν=1/λ

model λ: $u = \frac{1}{55{,}5}(\lambda - \lambda_0)$

model ν: $u = 5550\,(\nu - \nu_0)$

maxima λ_0 of P, D, T, V, V' in nanometer: 570, 545, 450, 555, 505

NE100−7, B4_34_1

spectral saturations p (=purity) of receptor systems P, D, T, V, V'

u=λ=wavelength; u=ν=frequency

$s(u) = e^{-u^2}$ i=2/5; j=3/5 ν=1/λ

model Y: $p = \frac{s(P, D, T,)}{i\,s(P) + j\,s(D)}$

model V: $p = \frac{s(P, D, T,)}{s(V)}$

model U: $p = \frac{s(P, D, T,)}{e^{[i \ln(P) + j \ln(D)]}}$

NE100−8, B4_34_2