

log[sensitivity]

$$\log L_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log V_o = -0,35[u_\lambda - u_{557}]^2$$

log [L_o, O_a, M_a]

$$\log O_o = -0,35[u_\lambda - u_{595}]^2$$

$$\log M_o = -0,35[u_\lambda - u_{545}]^2$$

$$\log O_a = \log O_o + 0,26$$

$$\log M_a = \log M_o - 0,09$$

$$u_\lambda = (\lambda - 550)/50$$

adaptation

O&M: 545

t_s=0.04

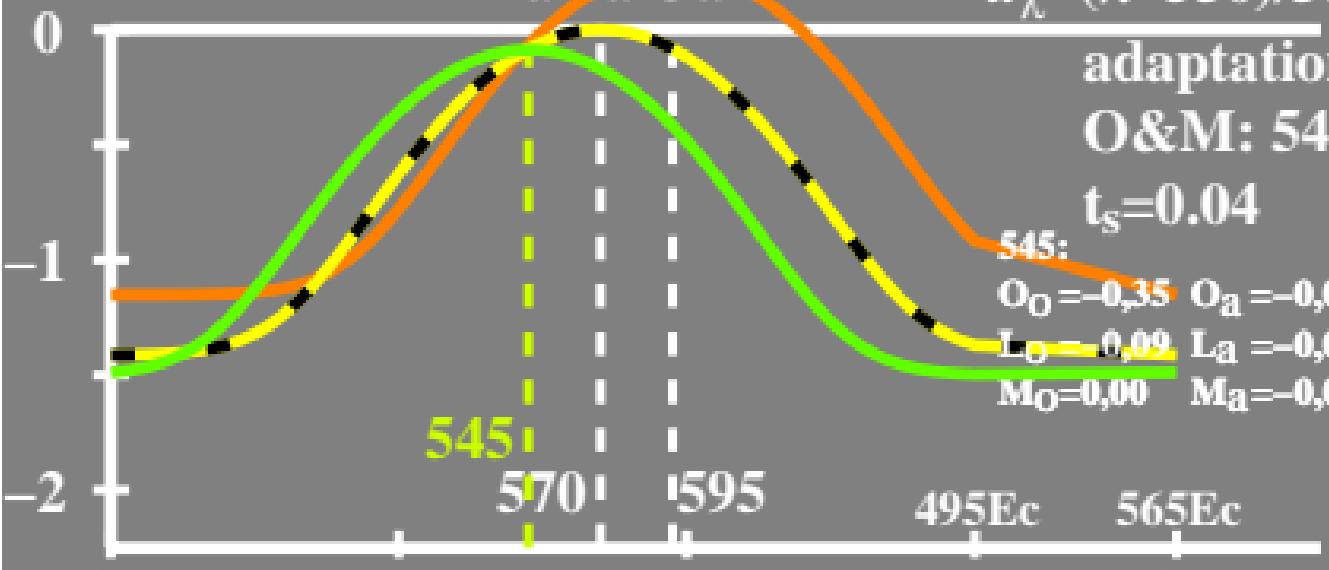
545:

$$O_o = -0,35 \quad O_a = -0,02$$

$$L_o = 0,09 \quad L_a = -0,02$$

$$M_o = 0,00 \quad M_a = -0,02$$

Ma La Oa



545

570

595

495Ec

565Ec

400

500

600

λ_d /nm

700

λ_c

400