

log[Empfindlichkeit]

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

$$\log V_a = \log V_o + 0,00$$

log [V_a, L_a, M_a]

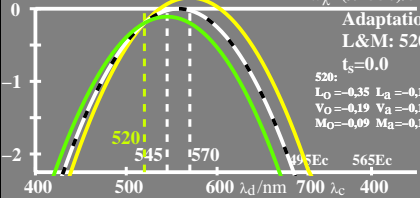
$$\log L_o = -0,35[u_\lambda - u_{570}]^2$$

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

$$\log L_a = \log L_o + 0,58$$

$$\log M_a = \log M_o - 0,11$$

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



Adaptation

L&M: 520

t_s=0.0

520:

$$L_o = -0,35 \quad L_a = -0,19$$

$$V_o = -0,19 \quad V_a = -0,19$$

$$M_o = -0,09 \quad M_a = -0,19$$

520

545

570

495Ec

565Ec

400

500

600

700

λ_c