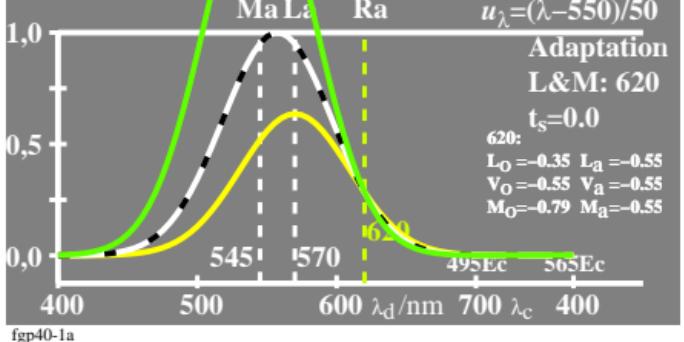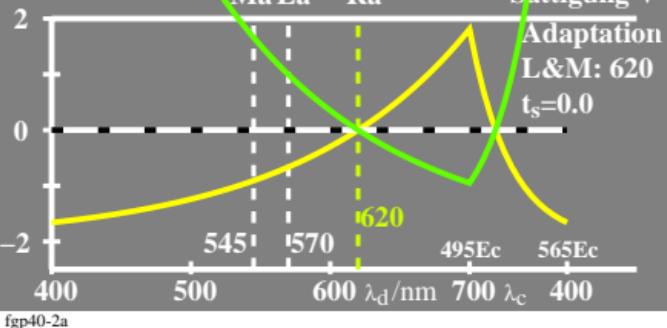**fgp40-1a**

lin[Empfindlichkeit]

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

$\log V_a = \log V_O + 0{,}00$

$[V_a, L_a, M_a]$

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

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

$\log L_a = \log L_O - 0{,}19$

$\log M_a = \log M_O + 0{,}24$

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

Ma La   Ra

Adaptation

L&M: 620

$t_s = 0.0$

620:

$L_O = -0{,}35$ $L_a = -0{,}55$

$V_O = -0{,}55$ $V_a = -0{,}55$

$M_O = -0{,}79$ $M_a = -0{,}55$

620

545 570   495Ec   565Ec
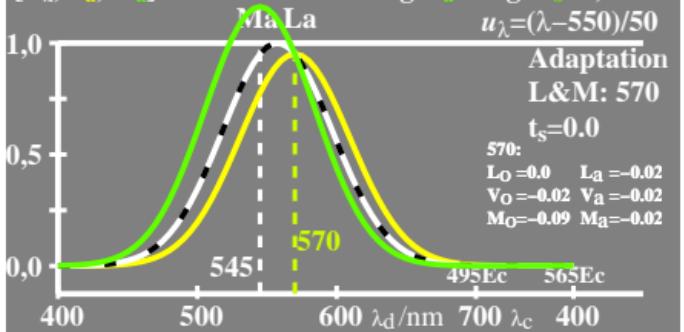
fgp40-2a

lin[Sättigung]

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

$\log V_a = \log V_O + 0{,}00$

$[V_a/V_O, L_a/V_O, M_a/V_O]$

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

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

$\log L_a = \log L_O - 0{,}19$

$\log M_a = \log M_O + 0{,}24$

Ma La   Ra   Sättigung V

Adaptation

L&M: 620

$t_s = 0.0$

620

545 570   495Ec   565Ec

fgp40-3a

lin[Empfindlichkeit]

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

$\log V_a = \log V_O + 0{,}00$

$[V_a, L_a, M_a]$

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

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

$\log L_a = \log L_O + 0{,}07$

$\log M_a = \log M_O + 0{,}07$

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

Ma La

Adaptation

L&M: 570

$t_s = 0.0$

570:

$L_O = 0{,}0$ $L_a = -0{,}02$

$V_O = -0{,}02$ $V_a = -0{,}02$

$M_O = -0{,}09$ $M_a = -0{,}02$

545   570   495Ec   565Ec

fgp40-4a

lin[Sättigung]

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

$\log V_a = \log V_O + 0{,}00$

$[V_a/V_O, L_a/V_O, M_a/V_O]$

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

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

$\log L_a = \log L_O + 0{,}07$

$\log M_a = \log M_O + 0{,}07$

Ma La   Sättigung V

Adaptation

L&M: 570

$t_s = 0.0$

570

545   495Ec   565Ec

fgp40−3n