fer50-1a (top left panel)

log[sensitivity]

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
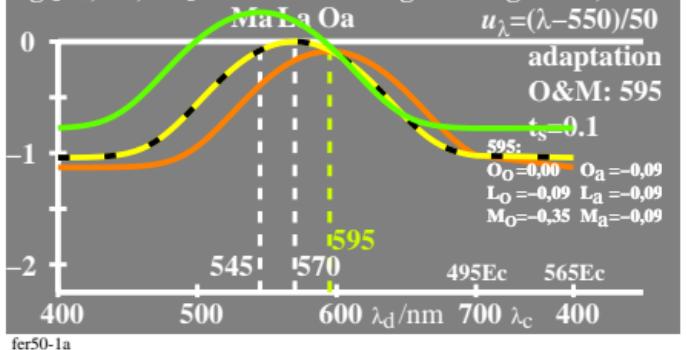$\log L_a = \log L_O + 0.00$
$\log [L_O, O_u, M_a]$

$\log O_O = -0.35[u_\lambda - u_{595}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log O_u = \log O_v - 0.09$
$\log M_a = \log M_O + 0.26$

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

Ma La Oa

adaptation
O&M: 595
$t_s = 0.1$

595:
$O_O = 0.00$ $O_a = -0.09$
$L_O = -0.09$ $L_a = -0.09$
$M_O = -0.35$ $M_a = -0.09$

545   570 $t595$ 495Ec   565Ec

400   500   600   700 λ_d/nm λ_c 400

fer50-2a (top right panel)

log[saturation]

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
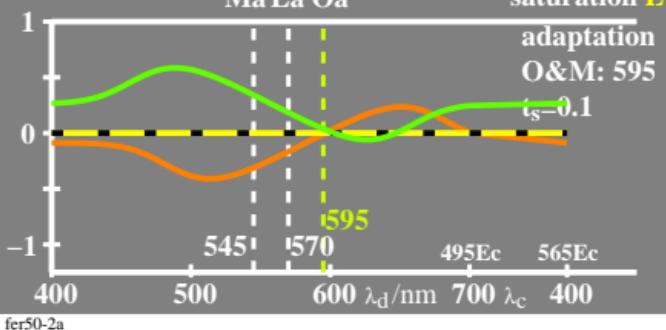$\log L_a = \log L_O + 0.00$
$\log [L_O/L_O, O_u/L_O, M_a/L_O]$

$\log O_O = -0.35[u_\lambda - u_{595}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log O_u = \log O_v - 0.09$
$\log M_a = \log M_O + 0.26$

Ma La Oa

saturation L

adaptation
O&M: 595
$t_s = 0.1$

545   570 $t595$ 495Ec   565Ec

400   500   600   700 λ_d/nm λ_c 400

fer50-3a (bottom left panel)

log[sensitivity]

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
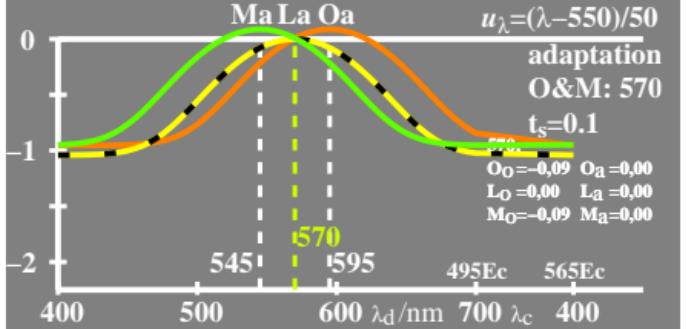$\log L_a = \log L_O + 0.00$
$\log [L_O, O_u, M_a]$

$\log O_O = -0.35[u_\lambda - u_{595}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log O_u = \log O_v + 0.09$
$\log M_a = \log M_O + 0.09$

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

Ma La Oa

adaptation
O&M: 570
$t_s = 0.1$

$O_O = -0.09$ $O_a = 0.00$
$L_O = 0.00$ $L_a = 0.00$
$M_O = -0.09$ $M_a = 0.00$

545   $t570$ $t595$ 495Ec   565Ec

400   500   600   700 λ_d/nm λ_c 400

fer50-4a (bottom right panel)

log[saturation]

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
$\log L_a = \log L_O + 0.00$
$\log [L_O/L_O, O_u/L_O, M_a/L_O]$

$\log O_O = -0.35[u_\lambda - u_{595}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log O_u = \log O_v + 0.09$
$\log M_a = \log M_O + 0.09$

Ma La Oa

saturation L

adaptation
O&M: 570
$t_s = 0.1$

545   $t570$ $t595$ 495Ec   565Ec

400   500   600   700 λ_d/nm λ_c 400

fer50−3n