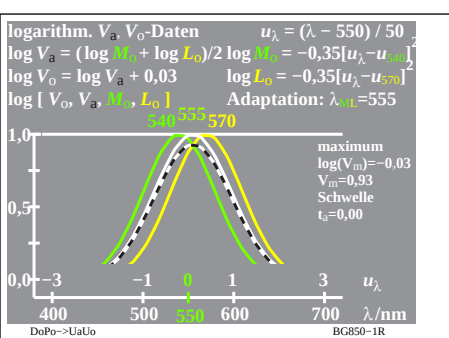
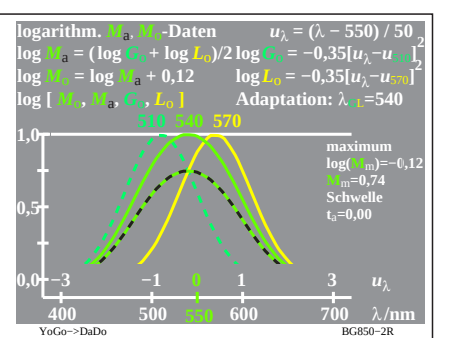
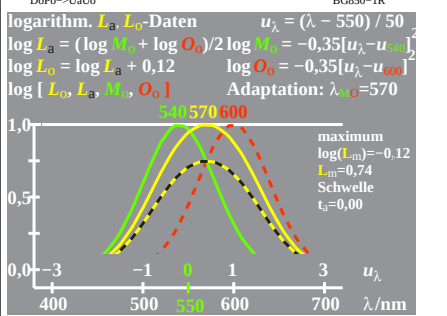
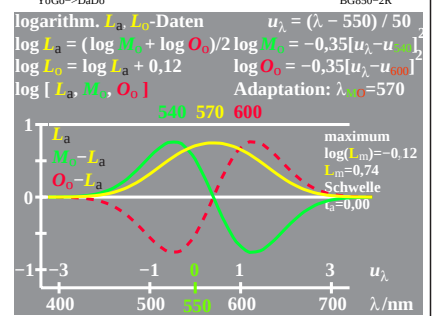
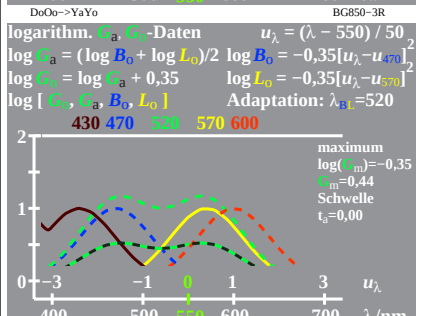
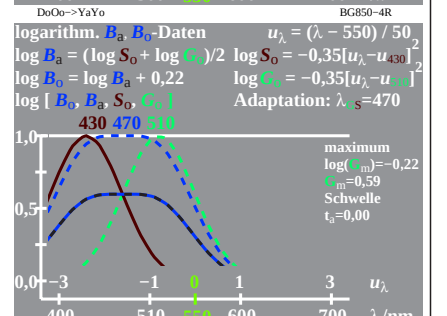

logarithm. $V_a$, $V_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log V_a = (\log M_o + \log L_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log V_o = \log V_a + 0{,}03$
$\log L_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ V_o, V_a, M_a, L_o\ ]$
Adaptation: $\lambda_{wL}$=555
540 555 570
maximum
$\log(V_m)$=−0,03
$V_m$=0,93
Schwelle
$t_s$=0,00
1,0
0,5
0,0
−3 −1 0 1 3 $u_\lambda$
400 500 550 600 700 λ/nm
DoPo−>UaUo
BG850−1R

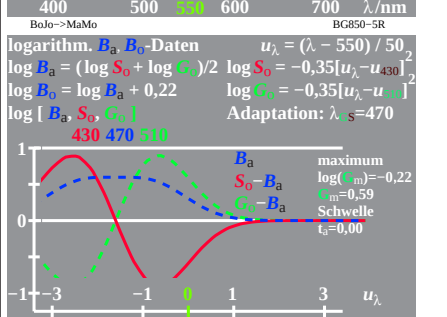

logarithm. $M_a$, $M_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log M_a = (\log G_o + \log L_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log M_o = \log M_a + 0{,}12$
$\log L_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ M_o, M_a, G_o, L_o\ ]$
Adaptation: $\lambda_{wL}$=540
510 540 570
maximum
$\log(M_m)$=−0,12
$M_m$=0,74
Schwelle
$t_s$=0,00
1,0
0,5
0,0
−3 −1 0 1 3 $u_\lambda$
400 500 550 600 700 λ/nm
YoGo−>DaDo
BG850−2R

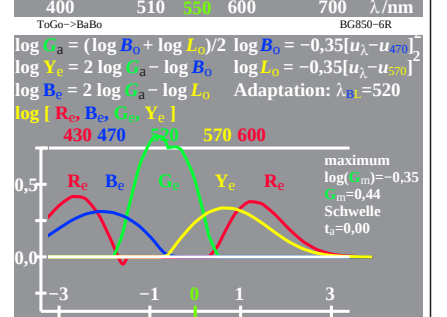

logarithm. $L_a$, $L_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log L_a = (\log M_o + \log O_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log L_o = \log L_a + 0{,}12$
$\log O_o = -0{,}35[u_\lambda - u_{600}]^2$
$\log [\ L_o, L_a, M_o, O_o\ ]$
Adaptation: $\lambda_{wO}$=570
540 570 600
maximum
$\log(L_m)$=−0,12
$L_m$=0,74
Schwelle
$t_s$=0,00
1,0
0,5
0,0
−3 −1 0 1 3 $u_\lambda$
400 500 550 600 700 λ/nm
DoOo−>YaYo
BG850−3R


logarithm. $L_a$, $L_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log L_a = (\log M_o + \log O_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log L_o = \log L_a + 0{,}12$
$\log O_o = -0{,}35[u_\lambda - u_{600}]^2$
$\log [\ L_o, M_o, O_o\ ]$
Adaptation: $\lambda_{wO}$=570
540 570 600
$L_a$
$M_o - L_a$
$O_o - L_a$
maximum
$\log(L_m)$=−0,12
$L_m$=0,74
Schwelle
$t_s$=0,00
1
0
−1
−3 −1 0 1 3 $u_\lambda$
400 500 550 600 700 λ/nm
DoOo−>YaYo
BG850−4R


logarithm. $G_a$, $G_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log G_a = (\log B_o + \log L_o)/2$
$\log B_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log G_o = \log G_a + 0{,}35$
$\log L_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ G_o, G_a, B_o, L_o\ ]$
Adaptation: $\lambda_{BL}$=520
430 470 520 570 600
maximum
$\log(G_m)$=−0,35
$G_m$=0,44
Schwelle
$t_s$=0,00
2
1
0
−3 −1 0 1 3 $u_\lambda$
400 500 550 600 700 λ/nm
BoJo−>MaMo
BG850−5R


logarithm. $B_a$, $B_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log B_a = (\log S_o + \log G_o)/2$
$\log S_o = -0{,}35[u_\lambda - u_{430}]^2$
$\log B_o = \log B_a + 0{,}22$
$\log G_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log [\ B_a, S_o, G_o\ ]$
Adaptation: $\lambda_{GS}$=470
430 470 510
maximum
$\log(G_m)$=−0,22
$G_m$=0,59
Schwelle
$t_s$=0,00
1,0
0,5
0,0
−3 −1 0 1 3 $u_\lambda$
400 500 550 600 700 λ/nm
ToGo−>BaBo
BG850−6R


logarithm. $B_a$, $B_o$-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log B_a = (\log S_o + \log G_o)/2$
$\log S_o = -0{,}35[u_\lambda - u_{430}]^2$
$\log B_o = \log B_a + 0{,}22$
$\log G_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log [\ B_a, S_o, G_o\ ]$
Adaptation: $\lambda_{GS}$=470
430 470 510
$B_a$
$S_o - B_a$
$G_o - B_a$
maximum
$\log(G_m)$=−0,22
$G_m$=0,59
Schwelle
$t_s$=0,00
1
0
−1
−3 −1 0 1 3 $u_\lambda$
400 510 550 600 700 λ/nm
ToGo−>BaBo
BG850−7R


$\log G_a = (\log B_o + \log L_o)/2$
$\log B_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log Y_e = 2 \log G_a - \log B_o$
$\log L_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log B_e = 2 \log G_a - \log L_o$
Adaptation: $\lambda_{BL}$=520
$\log [\ R_e, B_e, G_e, Y_e\ ]$
430 470 520 570 600
$R_e$ $B_e$ $G_e$ $Y_e$ $R_e$
maximum
$\log(G_m)$=−0,35
$G_m$=0,44
Schwelle
$t_s$=0,00
0,5
0,0
−3 −1 0 1 3
400 500 550 600 700
BoJo−>MaMo
BG850−8R