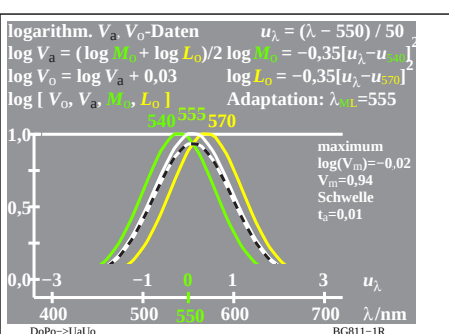
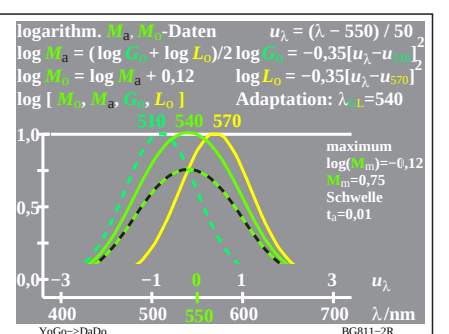
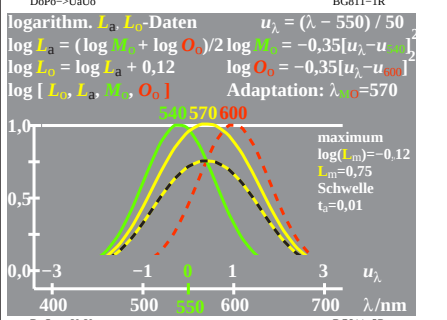
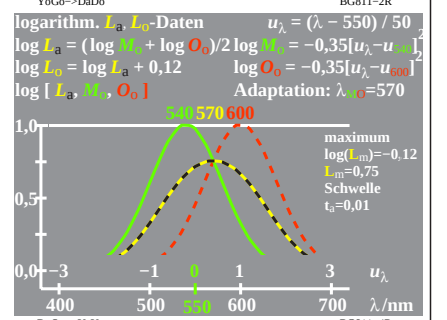
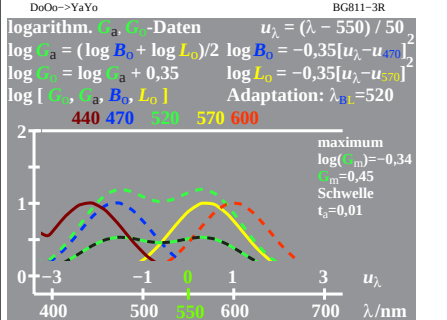
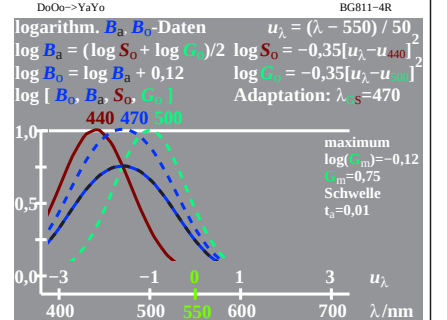

logarithm. V_a, V_o-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log V_a = (\log M_o + \log L_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log V_o = \log V_a + 0{,}03$
$\log L_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ V_o, V_a, M_a, L_o\ ]$
Adaptation: λ_{WL}=555
540 555 570
maximum
$\log(V_m)$=−0,02
V_m=0,94
Schwelle
t_s=0,01
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
DoPo−>UaUo
BG811−1R

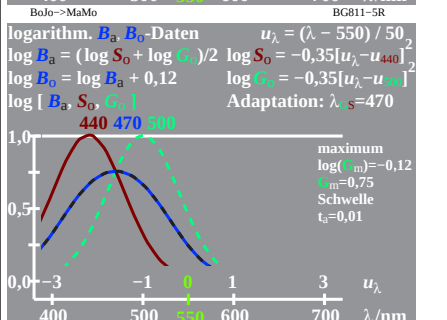

logarithm. M_a, M_o-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log M_a = (\log G_o + \log L_o)/2$
$\log G_o = -0{,}35[u_\lambda - u_{530}]^2$
$\log M_o = \log M_a + 0{,}12$
$\log L_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ M_o, M_a, G_o, L_o\ ]$
Adaptation: λ_{WL}=540
530 540 570
maximum
$\log(M_m)$=−0,12
M_m=0,75
Schwelle
t_s=0,01
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
YoGo−>DaDo
BG811−2R

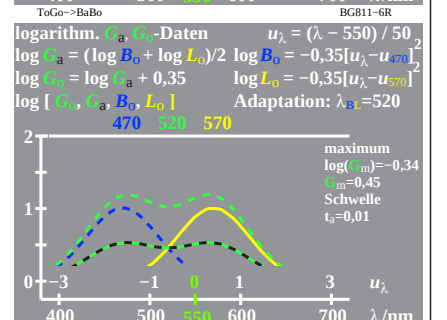

logarithm. L_a, L_o-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log L_a = (\log M_o + \log O_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log L_o = \log L_a + 0{,}12$
$\log O_o = -0{,}35[u_\lambda - u_{600}]^2$
$\log [\ L_o, L_a, M_a, O_o\ ]$
Adaptation: λ_{WO}=570
540 570 600
maximum
$\log(L_m)$=−0,12
L_m=0,75
Schwelle
t_s=0,01
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
DoOo−>YaYo
BG811−3R


logarithm. L_a, L_o-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log L_a = (\log M_o + \log O_o)/2$
$\log M_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log L_o = \log L_a + 0{,}12$
$\log O_o = -0{,}35[u_\lambda - u_{600}]^2$
$\log [\ L_o, M_a, O_o\ ]$
Adaptation: λ_{WO}=570
540 570 600
maximum
$\log(L_m)$=−0,12
L_m=0,75
Schwelle
t_s=0,01
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
DoOo−>YaYo
BG811−4R


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: λ_{BL}=520
440 470 520 570 600
maximum
$\log(G_m)$=−0,34
G_m=0,45
Schwelle
t_s=0,01
2
1
0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
BoJo−>MaMo
BG811−5R


logarithm. B_a, B_o-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log B_a = (\log S_o + \log G_o)/2$
$\log S_o = -0{,}35[u_\lambda - u_{440}]^2$
$\log B_o = \log B_a + 0{,}12$
$\log G_o = -0{,}35[u_\lambda - u_{500}]^2$
$\log [\ B_o, B_a, S_o, G_o\ ]$
Adaptation: λ_{GS}=470
440 470 500
maximum
$\log(G_m)$=−0,12
G_m=0,75
Schwelle
t_s=0,01
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
ToGo−>BaBo
BG811−6R


logarithm. B_a, B_o-Daten
$u_\lambda = (\lambda - 550) / 50$
$\log B_a = (\log S_o + \log G_o)/2$
$\log S_o = -0{,}35[u_\lambda - u_{440}]^2$
$\log B_o = \log B_a + 0{,}12$
$\log G_o = -0{,}35[u_\lambda - u_{500}]^2$
$\log [\ B_a, S_o, G_o\ ]$
Adaptation: λ_{GS}=470
440 470 500
maximum
$\log(G_m)$=−0,12
G_m=0,75
Schwelle
t_s=0,01
1,0
0,5
0,0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
ToGo−>BaBo
BG811−7R


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: λ_{BL}=520
470 520 570
maximum
$\log(G_m)$=−0,34
G_m=0,45
Schwelle
t_s=0,01
2
1
0
−3 −1 0 1 3 u_λ
400 500 550 600 700 λ/nm
BoJo−>MaMo
BG811−8R