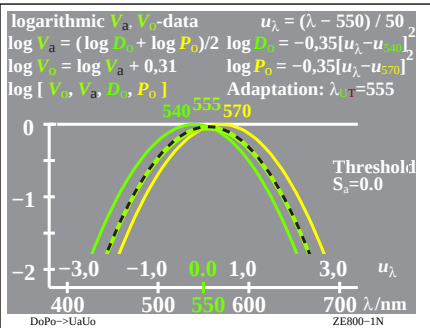
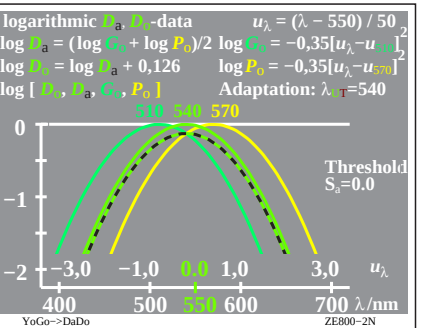
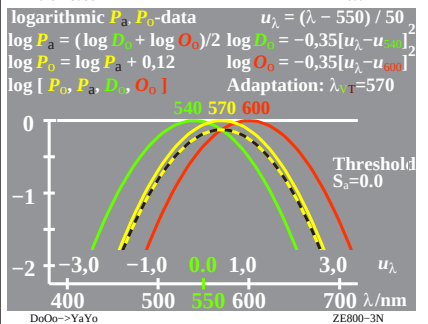
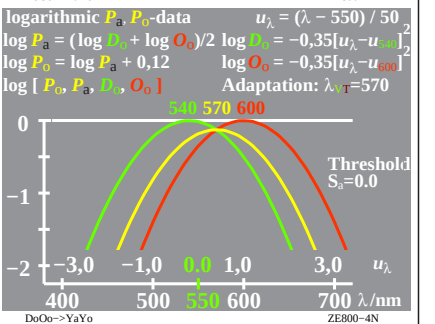
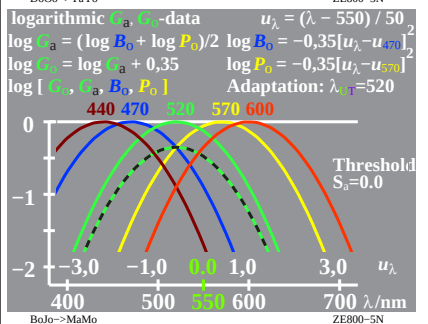
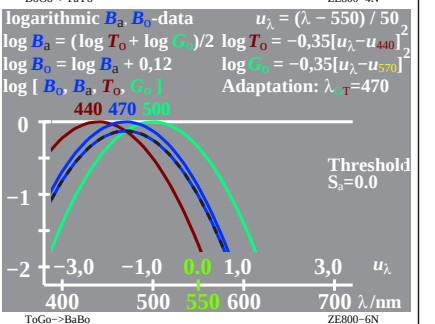

logarithmic V_a, V_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log V_a = (\log D_o + \log P_o)/2$
$\log D_o = -0{,}35[u_\lambda - u_{555}]^2$
$\log V_o = \log V_a + 0{,}31$
$\log P_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ V_o, V_a, D_a, P_o\ ]$
Adaptation: λ_{oT}=555
540 555 570
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
DoPo−>UaUo
ZE800−1N

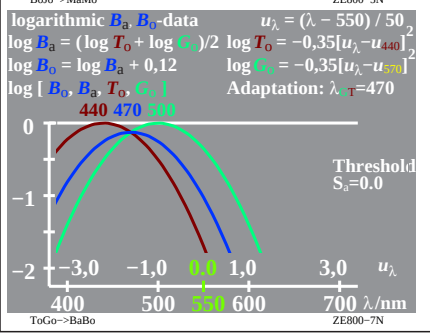

logarithmic D_a, D_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log D_a = (\log G_o + \log P_o)/2$
$\log G_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log D_o = \log D_a + 0{,}126$
$\log P_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ D_o, D_a, G_o, P_o\ ]$
Adaptation: λ_{oT}=540
510 540 570
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
YoGo−>DaDo
ZE800−2N

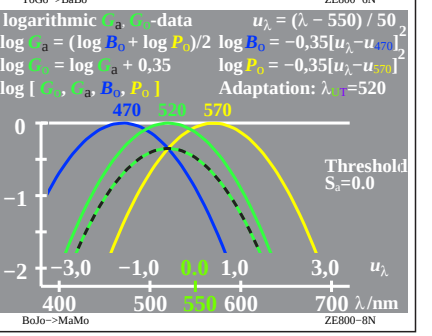

logarithmic P_a, P_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log P_a = (\log D_o + \log O_o)/2$
$\log D_o = -0{,}35[u_\lambda - u_{555}]^2$
$\log P_o = \log P_a + 0{,}12$
$\log O_o = -0{,}35[u_\lambda - u_{600}]^2$
$\log [\ P_o, P_a, D_o, O_o\ ]$
Adaptation: λ_{oT}=570
540 570 600
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
DoOo−>YaYo
ZE800−3N


logarithmic P_a, P_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log P_a = (\log D_o + \log O_o)/2$
$\log D_o = -0{,}35[u_\lambda - u_{540}]^2$
$\log P_o = \log P_a + 0{,}12$
$\log O_o = -0{,}35[u_\lambda - u_{600}]^2$
$\log [\ P_o, P_a, D_o, O_o\ ]$
Adaptation: λ_{oT}=570
540 570 600
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
DoOo−>YaYo
ZE800−4N


logarithmic G_a, G_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log G_a = (\log B_o + \log P_o)/2$
$\log B_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log G_o = \log G_a + 0{,}35$
$\log P_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ G_o, G_a, B_o, P_o\ ]$
Adaptation: λ_{oT}=520
440 470 520 570 600
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
BoJo−>MaMo
ZE800−5N


logarithmic B_a, B_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log B_a = (\log T_o + \log G_o)/2$
$\log T_o = -0{,}35[u_\lambda - u_{440}]^2$
$\log B_o = \log B_a + 0{,}12$
$\log G_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ B_o, B_a, T_o, G_o\ ]$
Adaptation: λ_{oT}=470
440 470 500
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
ToGo−>BaBo
ZE800−6N


logarithmic B_a, B_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log B_a = (\log T_o + \log G_o)/2$
$\log T_o = -0{,}35[u_\lambda - u_{440}]^2$
$\log B_o = \log B_a + 0{,}12$
$\log G_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ B_o, B_a, T_o, G_o\ ]$
Adaptation: λ_{oT}=470
440 470 500
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
ToGo−>BaBo
ZE800−7N


logarithmic G_a, G_o-data
$u_\lambda = (\lambda - 550) / 50$
$\log G_a = (\log B_o + \log P_o)/2$
$\log B_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log G_o = \log G_a + 0{,}35$
$\log P_o = -0{,}35[u_\lambda - u_{570}]^2$
$\log [\ G_o, G_a, B_o, P_o\ ]$
Adaptation: λ_{oT}=520
470 520 570
0
−1
−2
−3,0 −1,0 0.0 1,0 3,0 u_λ
Threshold
S_a=0.0
400 500 550 600 700 λ/nm
BoJo−>MaMo
ZE800−8N