logarithm. $U_a$, $U_o$-Daten

$U_a = ( L_o \cdot M_o )^{0,5}$

$\log U_a = (\log L_o + \log M_o)/2$

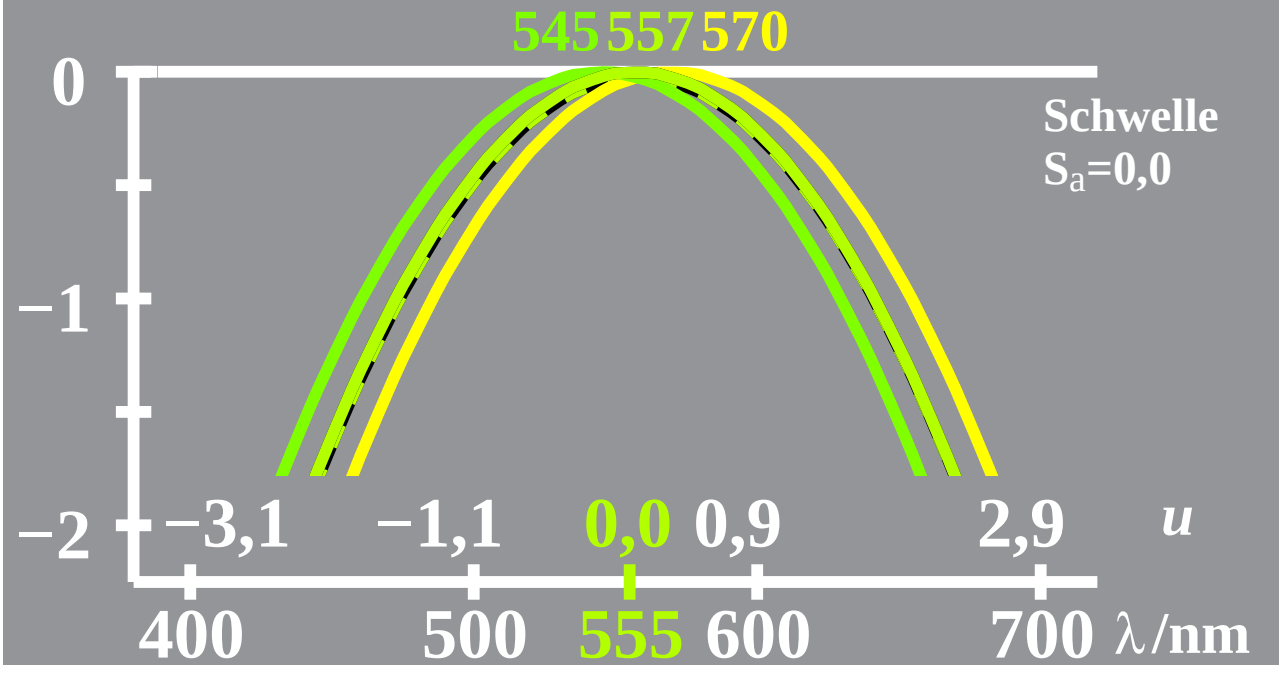
log [ $U_a$, $L_o$, $M_o$, $U_o$ ]

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

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

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

Adaptation: $\lambda_{LM}$=557



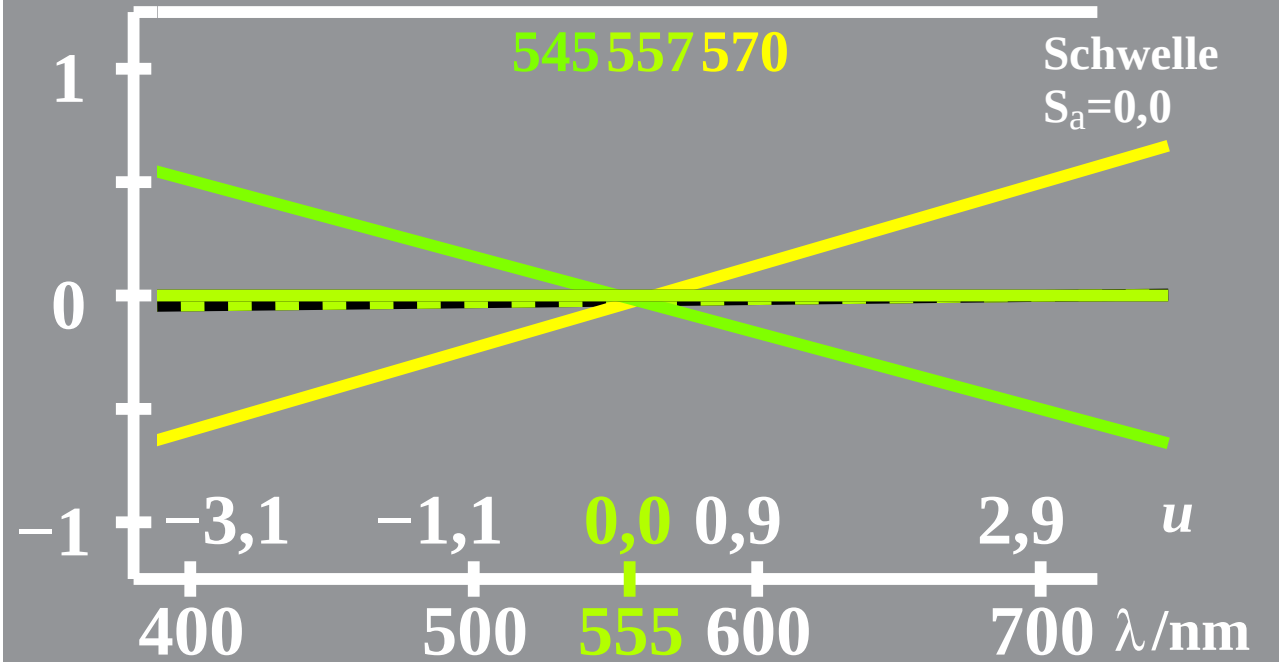

TG350−7A

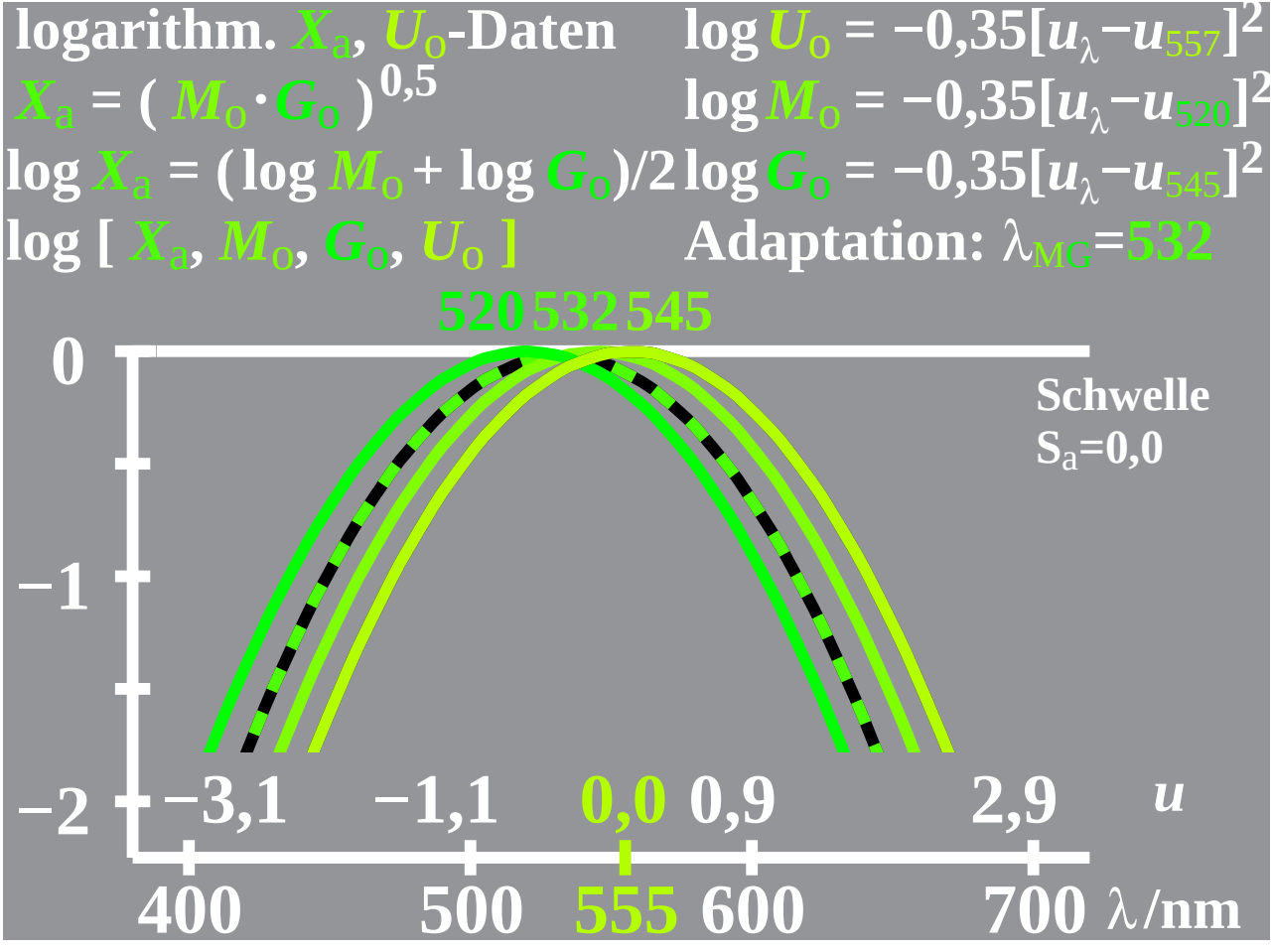
logarithm. $U_o$-Sättigung $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

$U_a = (L_o \cdot M_o)^{0,5}$ $\log L_o = -0{,}35[u_\lambda - u_{545}]^2$

$\log U_a = (\log L_o + \log M_o)/2$ $\log M_o = -0{,}35[u_\lambda - u_{570}]^2$

$\log [L_o/U_o, M_o/U_o, U_a/U_o]$ Adaptation: $\lambda_{LM}$=557



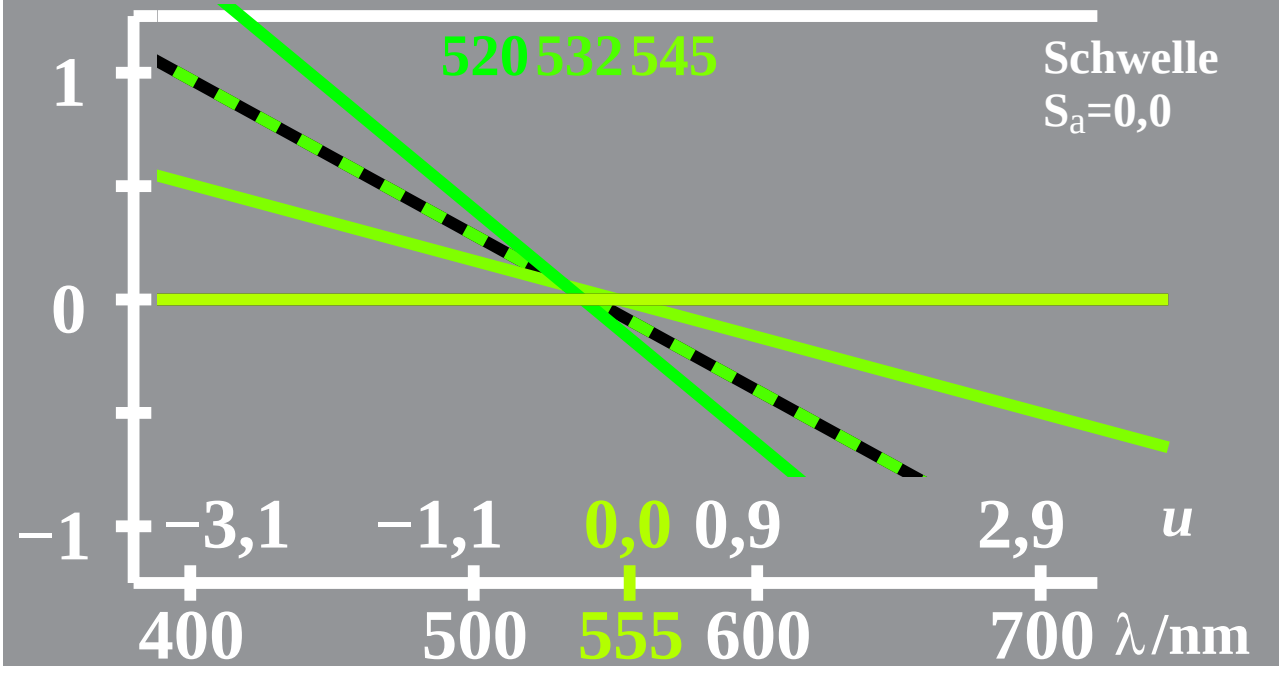

logarithm. $X_a$, $U_o$-Daten
$X_a = ( M_o \cdot G_o )^{0,5}$
$\log X_a = (\log M_o + \log G_o)/2$
$\log [ X_a, M_o, G_o, U_o ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{545}]^2$
Adaptation: $\lambda_{MG}$=532
520 532 545
0
−1
−2
Schwelle
$S_a$=0,0
−3,1 −1,1 0,0 0,9 2,9 u
400 500 555 600 700 λ/nm

logarithm. $U_o$-Sättigung $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

$X_a = (M_o \cdot G_o)^{0,5}$ $\log M_o = -0{,}35[u_\lambda - u_{520}]^2$

$\log X_a = (\log M_o + \log G_o)/2$ $\log G_o = -0{,}35[u_\lambda - u_{545}]^2$

$\log [M_o/U_o, G_o/U_o, X_a/U_o]$ Adaptation: $\lambda_{MG}=532$



logarithm. $Y_a$, $U_o$-Daten

$Y_a = ( G_o \cdot C_o )^{0,5}$

$\log Y_a = (\log G_o + \log C_o)/2$

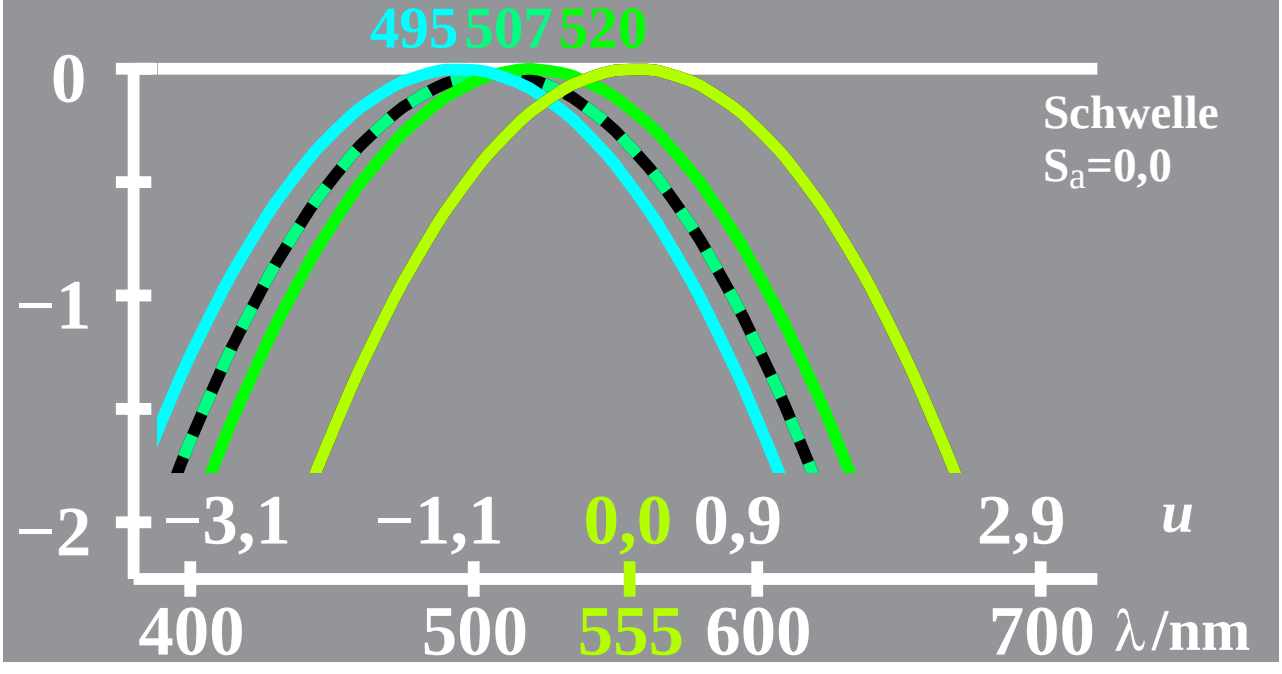
log [ $Y_a$, $G_o$, $C_o$, $U_o$ ]

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

$\log G_o = -0{,}35[u_\lambda - u_{495}]^2$

$\log C_o = -0{,}35[u_\lambda - u_{520}]^2$

Adaptation: $\lambda_{GC}$=507

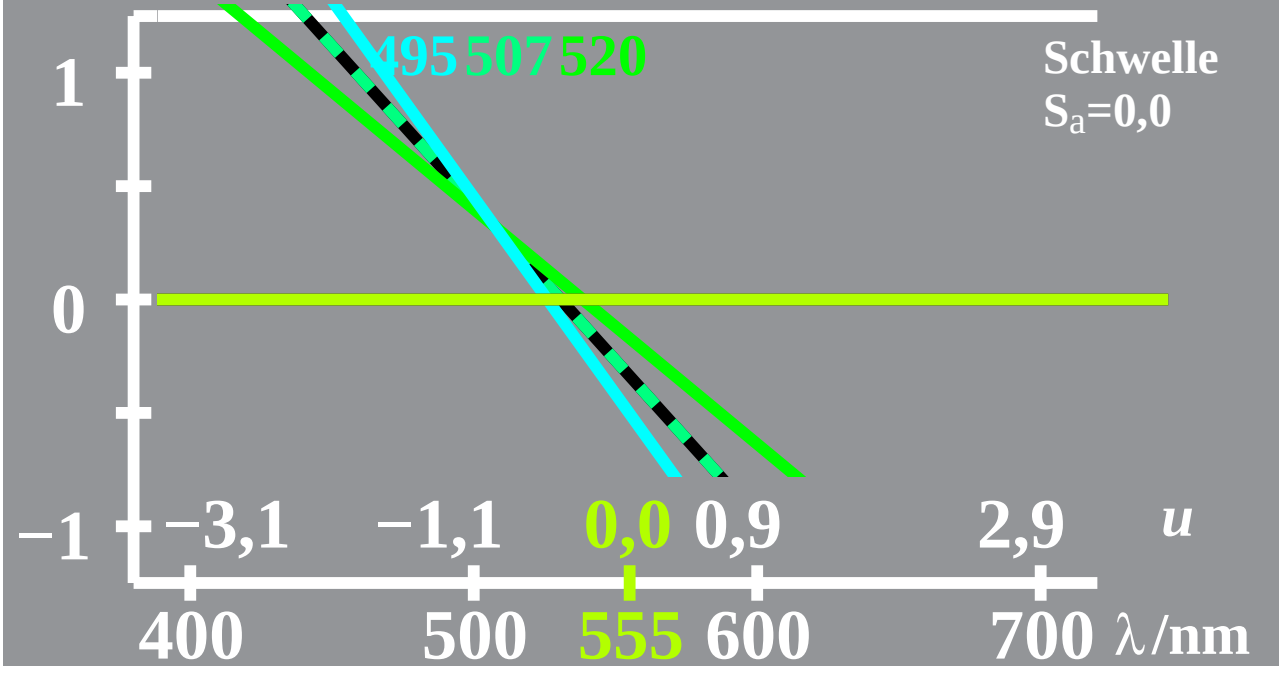


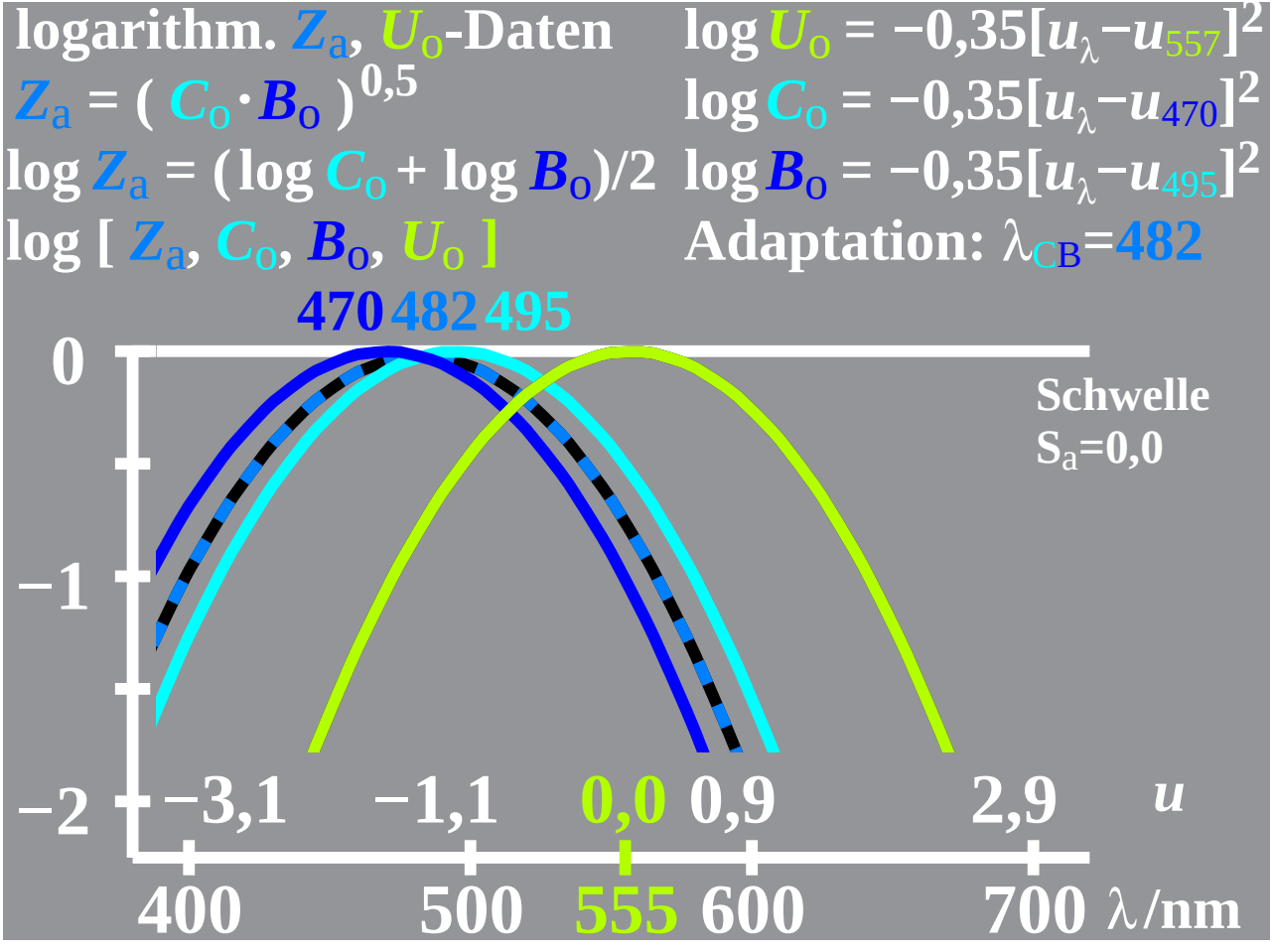
logarithm. $U_o$-Sättigung $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

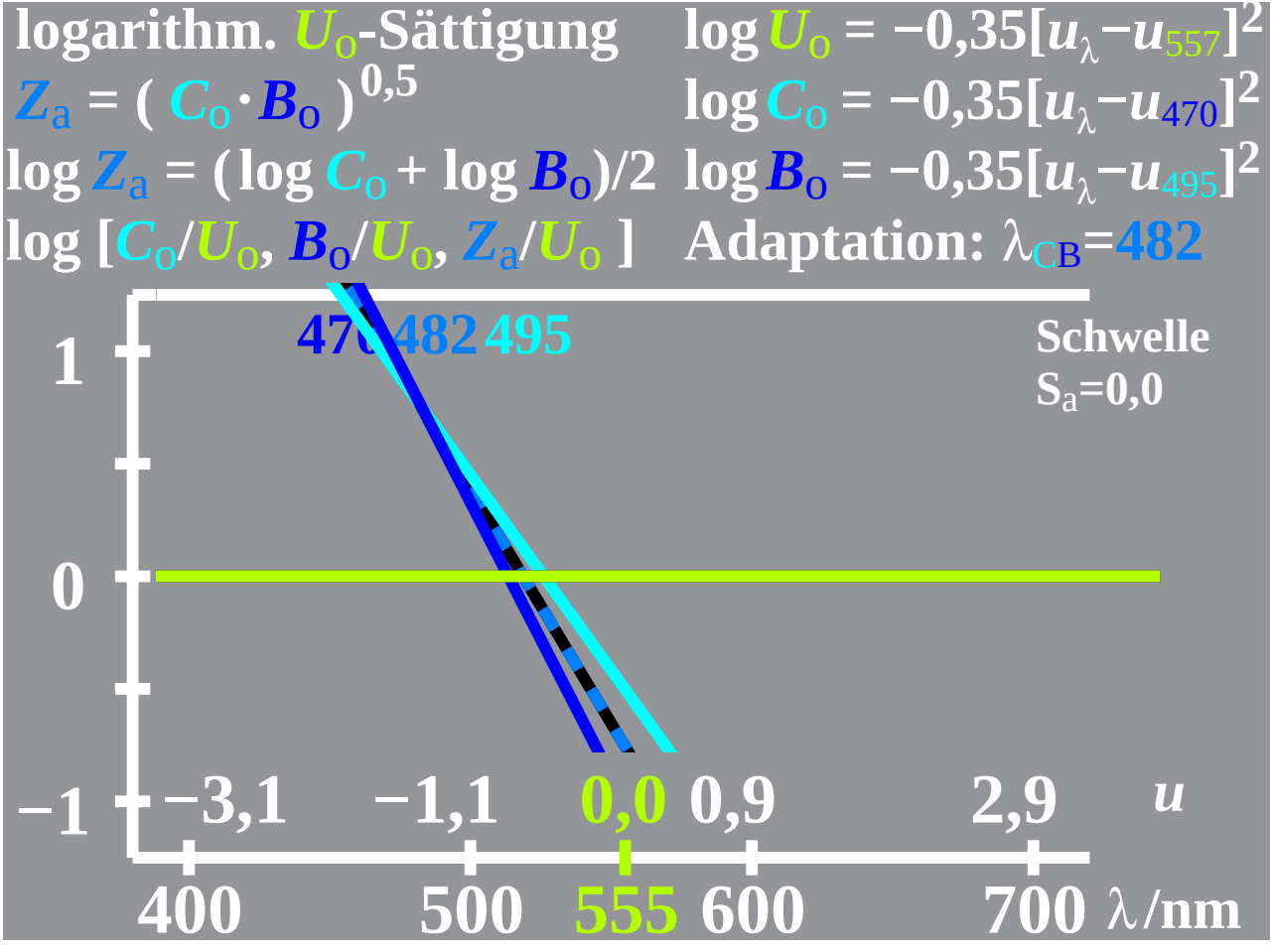
$Y_a = (G_o \cdot C_o)^{0,5}$ $\log G_o = -0{,}35[u_\lambda - u_{495}]^2$

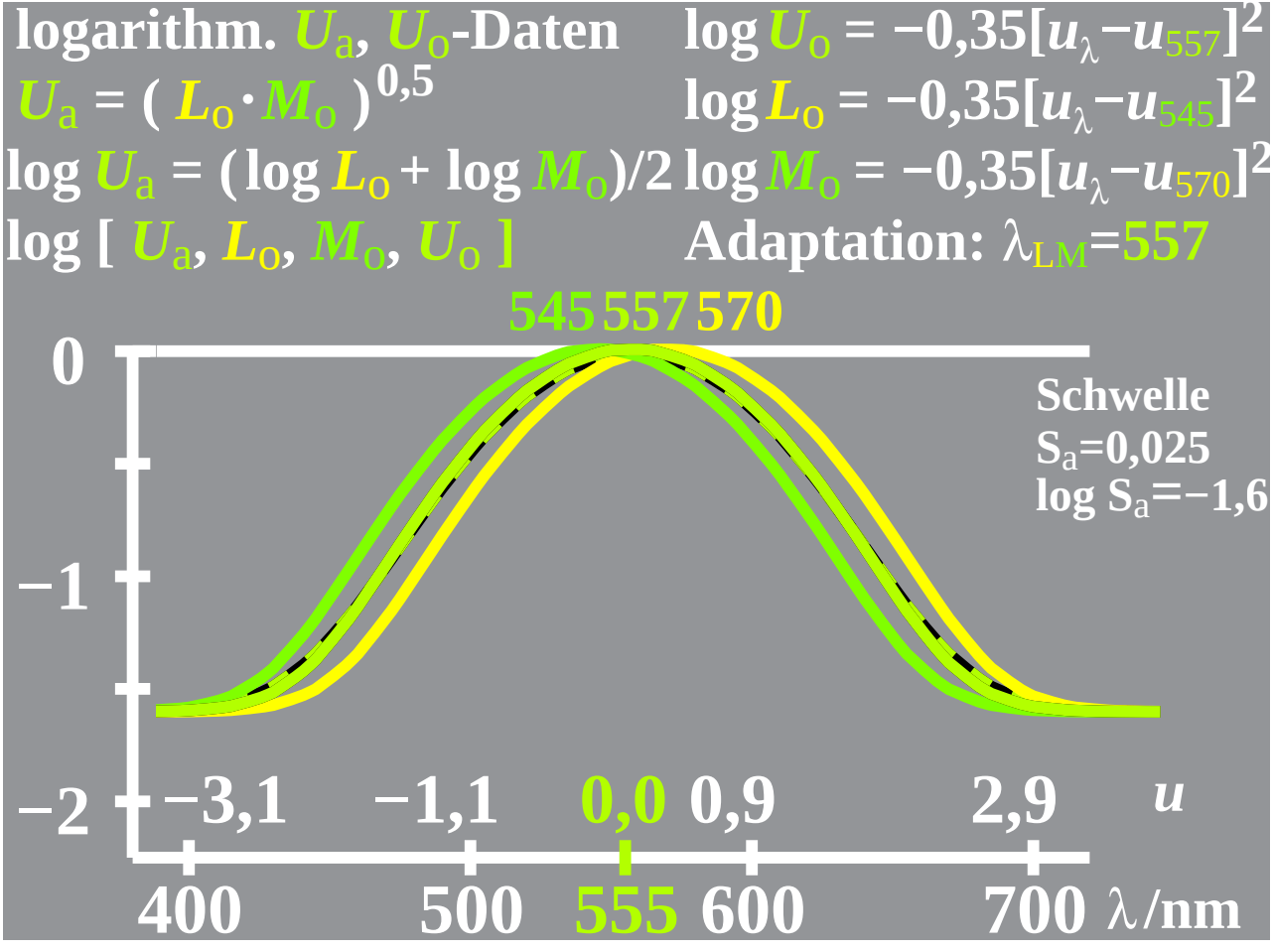
$\log Y_a = (\log G_o + \log C_o)/2$ $\log C_o = -0{,}35[u_\lambda - u_{520}]^2$

$\log [G_o/U_o, C_o/U_o, Y_a/U_o]$ Adaptation: $\lambda_{GC}$=507




logarithm. $Z_a$, $U_o$-Daten
$Z_a = ( C_o \cdot B_o )^{0,5}$
$\log Z_a = (\log C_o + \log B_o)/2$
log [ $Z_a$, $C_o$, $B_o$, $U_o$ ]
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log C_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log B_o = -0{,}35[u_\lambda - u_{495}]^2$
Adaptation: $\lambda_{CB}$=482
470 482 495
0
−1
−2
Schwelle
$S_a$=0,0
−3,1 −1,1 0,0 0,9 2,9 u
400 500 555 600 700 λ/nm


logarithm. $U_o$-Sättigung
$Z_a = ( C_o \cdot B_o )^{0,5}$
$\log Z_a = (\log C_o + \log B_o)/2$
$\log [C_o/U_o, B_o/U_o, Z_a/U_o ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log C_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log B_o = -0{,}35[u_\lambda - u_{495}]^2$
Adaptation: $\lambda_{CB}$=482
470
482
495
Schwelle
$S_a$=0,0
1
0
−1
−3,1
−1,1
0,0
0,9
2,9
u
400
500
555
600
700
λ/nm

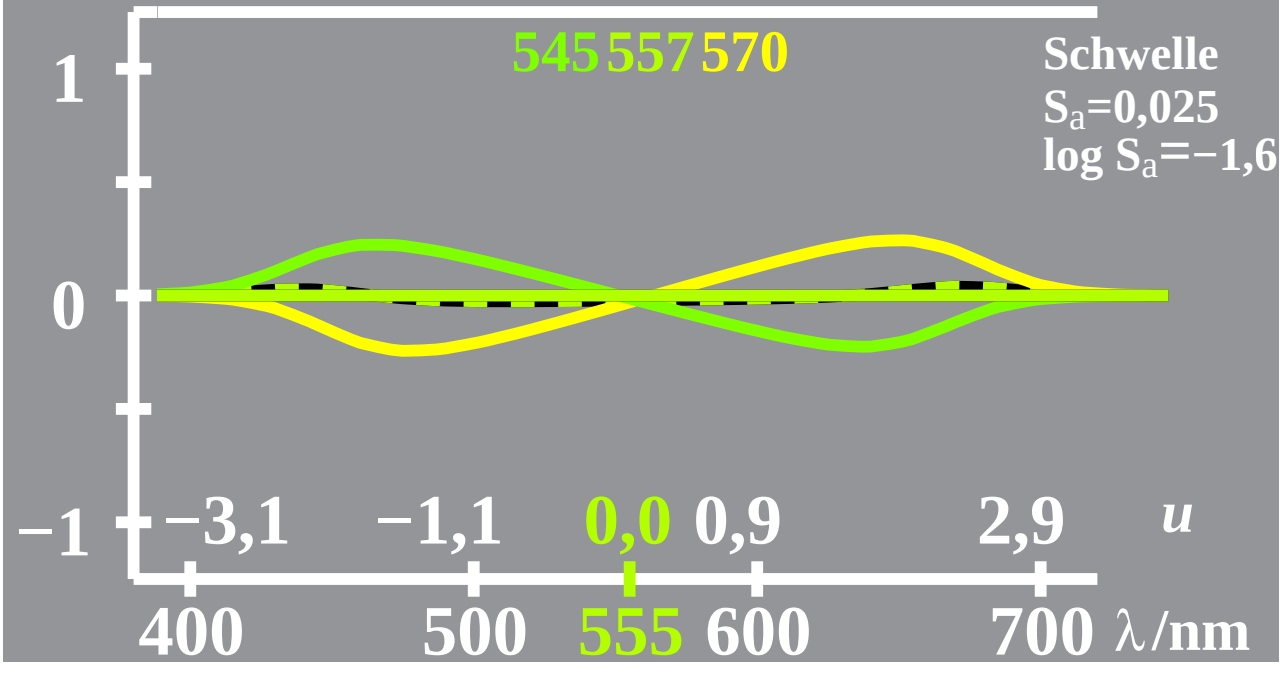

logarithm. $U_a$, $U_o$-Daten
$U_a = ( L_o \cdot M_o )^{0,5}$
$\log U_a = (\log L_o + \log M_o)/2$
$\log [ U_a, L_o, M_o, U_o ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log L_o = -0{,}35[u_\lambda - u_{545}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{570}]^2$
Adaptation: $\lambda_{LM}$=557
545 557 570
0
−1
−2
Schwelle
$S_a$=0,025
log $S_a$=−1,6
−3,1 −1,1 0,0 0,9 2,9 u
400 500 555 600 700 λ/nm

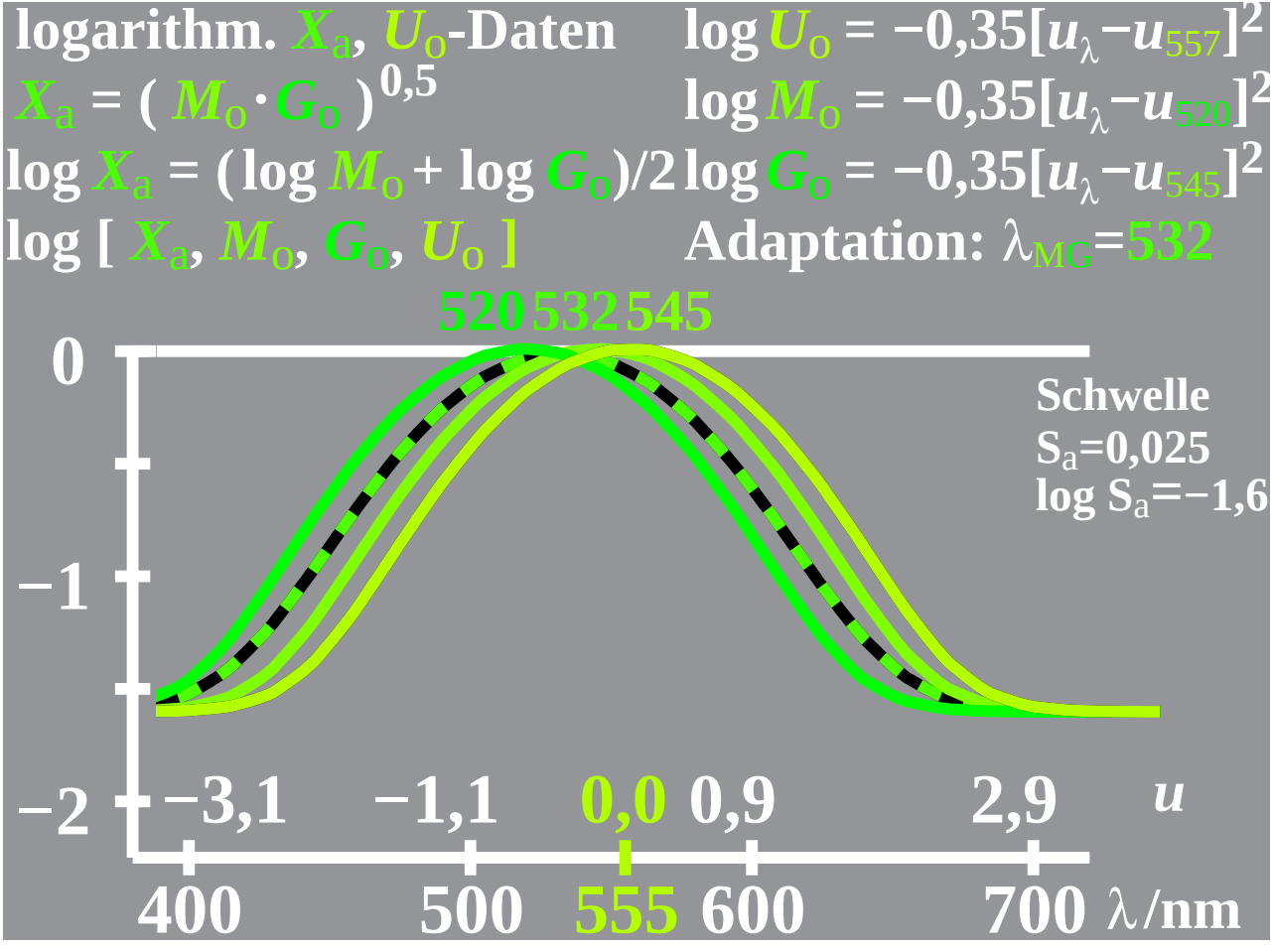
logarithm. $U_o$-Sättigung $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

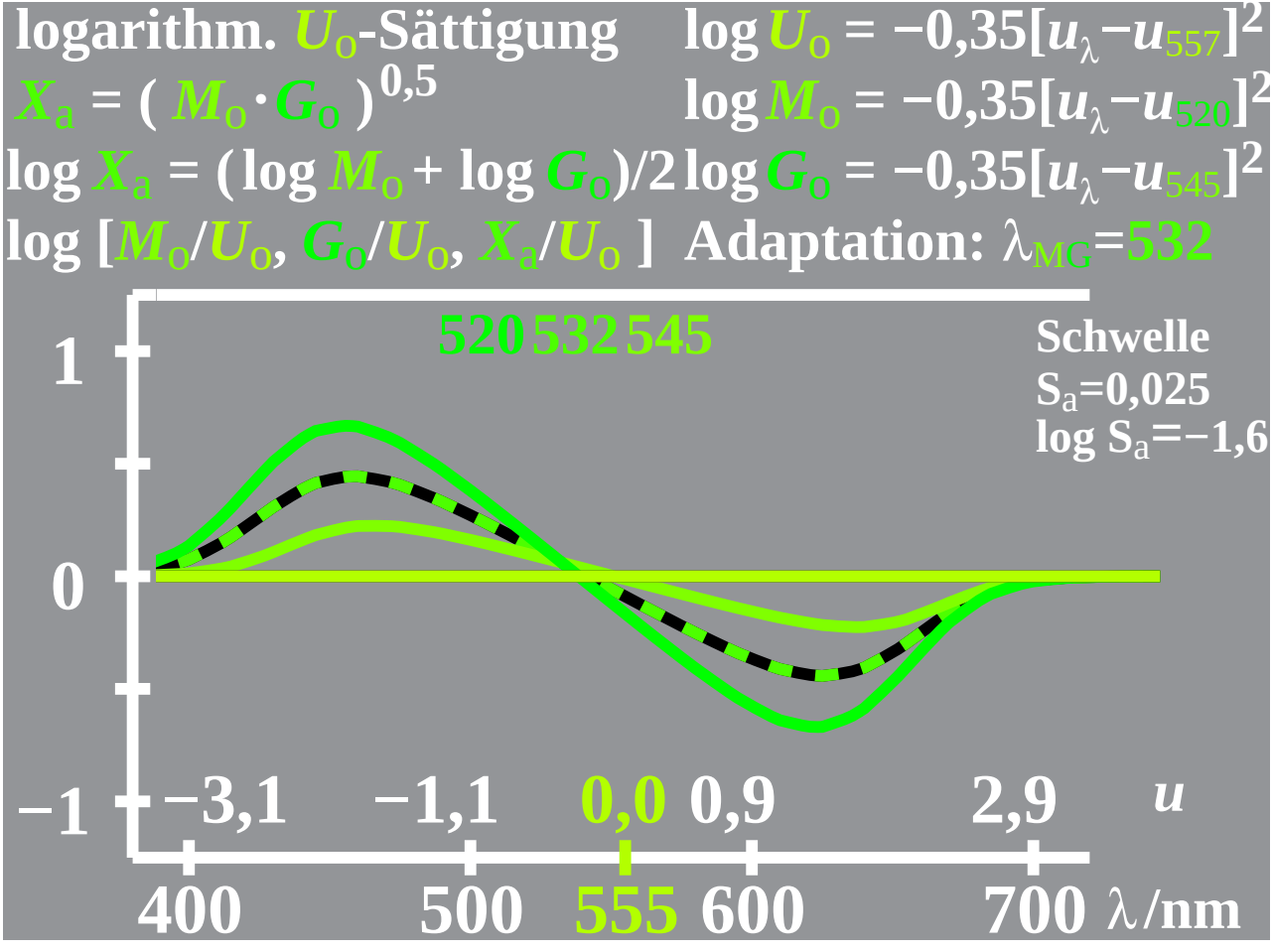
$U_a = (L_o \cdot M_o)^{0,5}$ $\log L_o = -0{,}35[u_\lambda - u_{545}]^2$

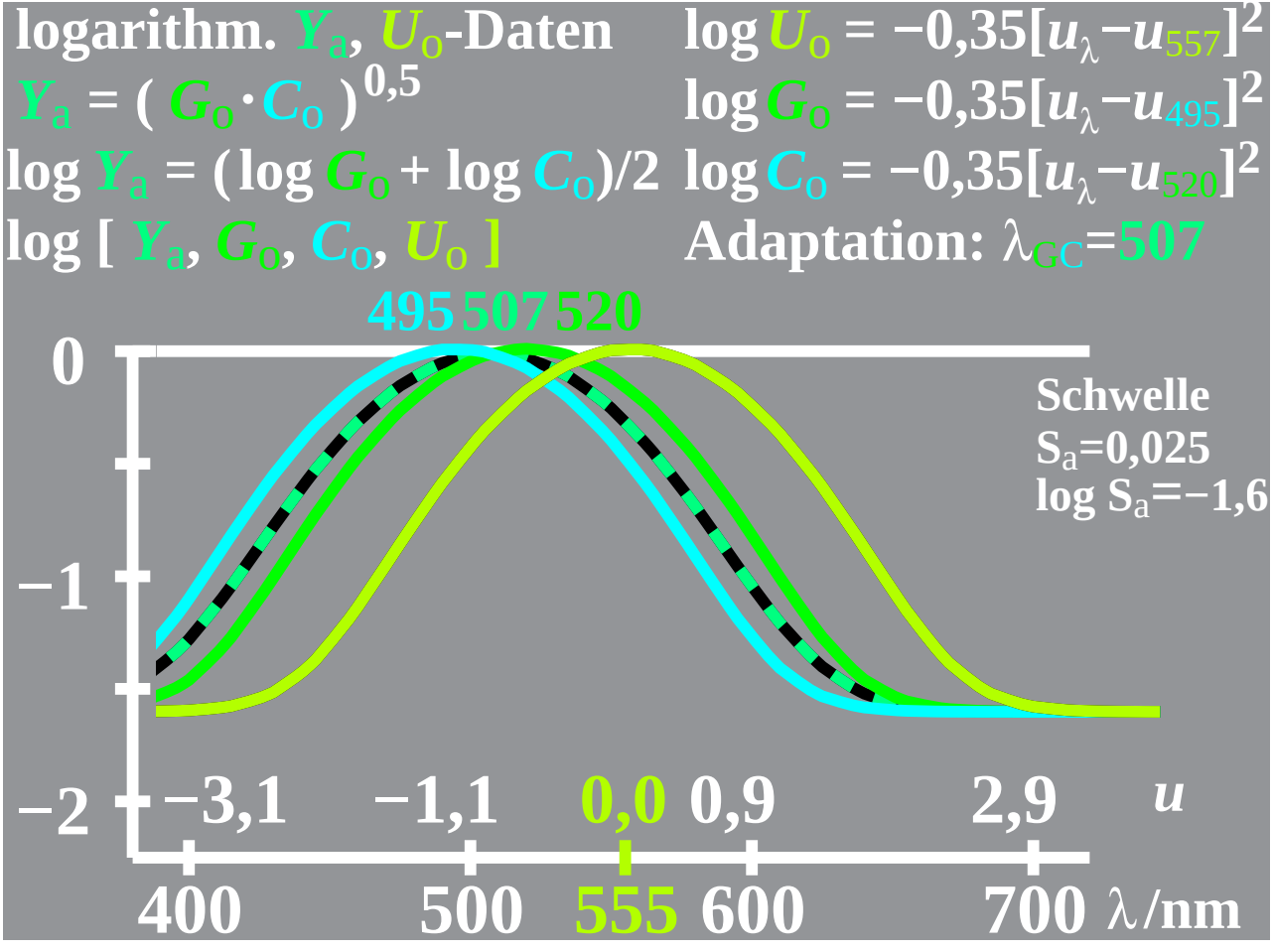
$\log U_a = (\log L_o + \log M_o)/2$ $\log M_o = -0{,}35[u_\lambda - u_{570}]^2$

$\log [L_o/U_o, M_o/U_o, U_a/U_o]$ Adaptation: $\lambda_{LM}=557$




logarithm. $X_a$, $U_o$-Daten
$X_a = ( M_o \cdot G_o )^{0,5}$
$\log X_a = (\log M_o + \log G_o)/2$
$\log [ X_a, M_o, G_o, U_o ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{545}]^2$
Adaptation: $\lambda_{MG}$=532
520 532 545
0
−1
−2
Schwelle
$S_a$=0,025
log $S_a$=−1,6
−3,1 −1,1 0,0 0,9 2,9 u
400 500 555 600 700 λ/nm


logarithm. $U_o$-Sättigung
$X_a = ( M_o \cdot G_o )^{0,5}$
$\log X_a = (\log M_o + \log G_o)/2$
$\log [M_o/U_o, G_o/U_o, X_a/U_o ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{545}]^2$
Adaptation: $\lambda_{MG}=532$
520 532 545
Schwelle
$S_a=0{,}025$
$\log S_a=-1{,}6$
1
0
−1
−3,1
−1,1
0,0
0,9
2,9
u
400
500
555
600
700
λ/nm


logarithm. $Y_a$, $U_o$-Daten
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$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{495}]^2$
$\log C_o = -0{,}35[u_\lambda - u_{520}]^2$
Adaptation: $\lambda_{GC}$=507
495 507 520
0
−1
−2
Schwelle
$S_a$=0,025
log $S_a$=−1,6
−3,1 −1,1 0,0 0,9 2,9 u
400 500 555 600 700 λ/nm

logarithm. $U_o$-Sättigung $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

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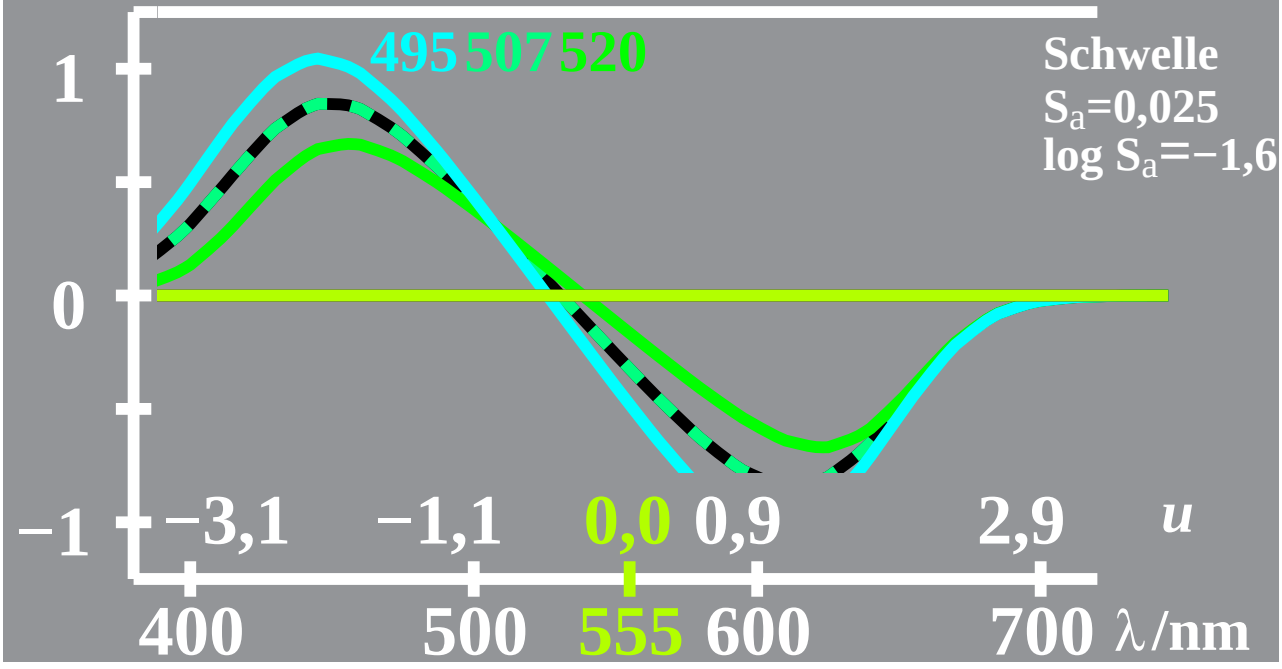
$\log [G_o/U_o, C_o/U_o, Y_a/U_o]$ Adaptation: $\lambda_{GC}=507$



logarithm. $Z_a$, $U_o$-Daten

$Z_a = ( C_o \cdot B_o )^{0,5}$

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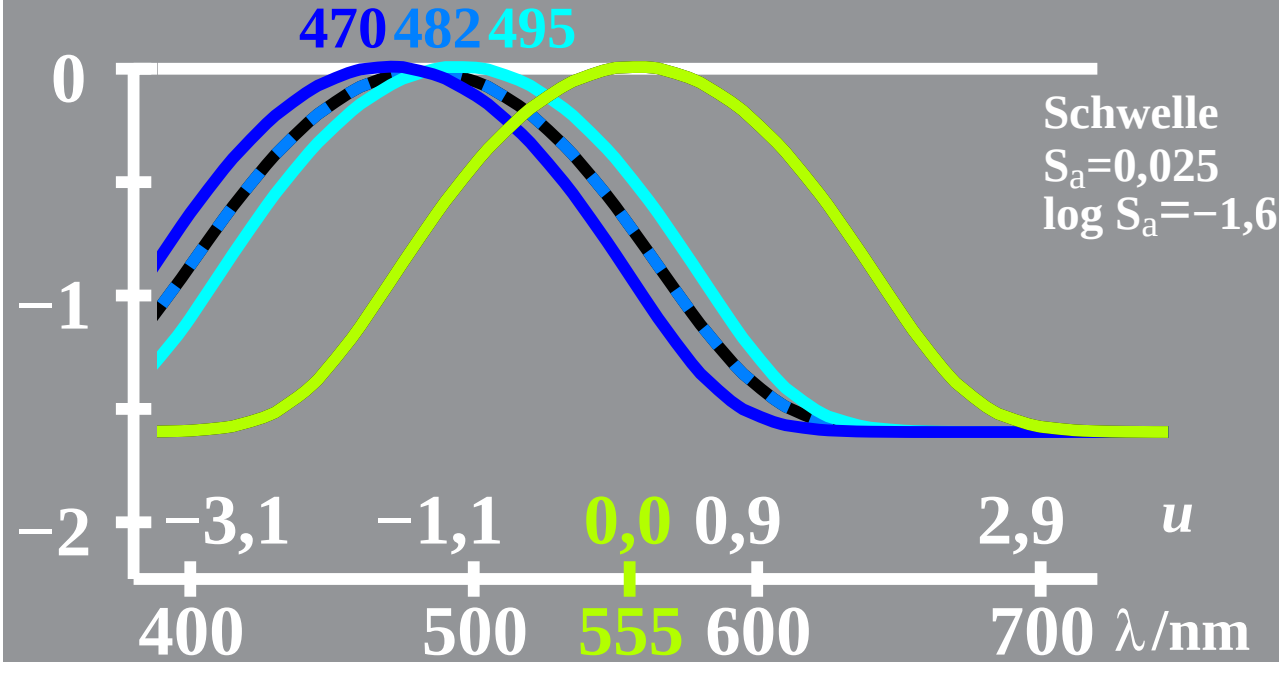
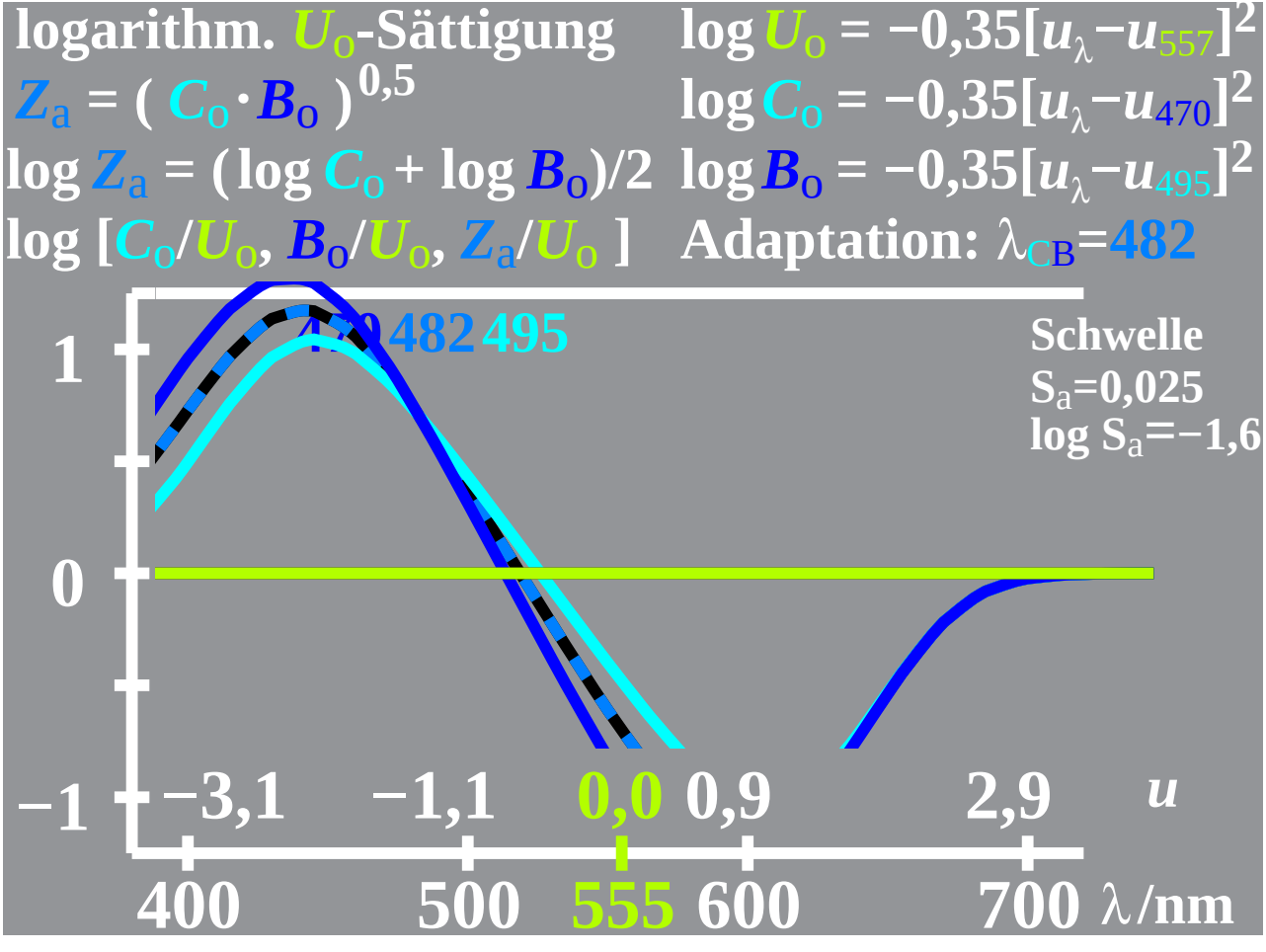
$\log B_o = -0{,}35[u_\lambda - u_{495}]^2$

Adaptation: $\lambda_{CB}$=482

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$\log [C_o/U_o, B_o/U_o, Z_a/U_o ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log C_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log B_o = -0{,}35[u_\lambda - u_{495}]^2$
Adaptation: $\lambda_{CB}$=482
470 482 495
Schwelle
$S_a$=0,025
log $S_a$=−1,6
1
0
−1
−3,1
−1,1
0,0
0,9
2,9
u
400
500
555
600
700
λ/nm