logarithmic U_a, U_o-data

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

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

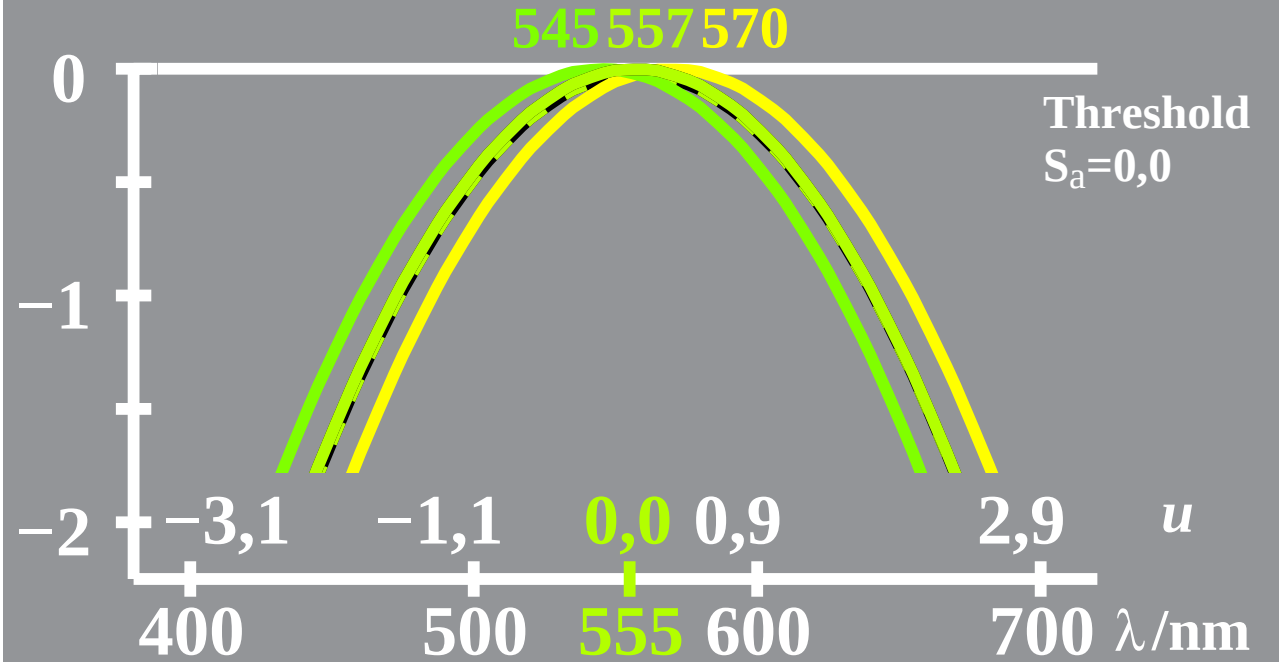
log [U_a, L_o, M_o, U_o]

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

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

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

Adaptation: λ_{LM}=557



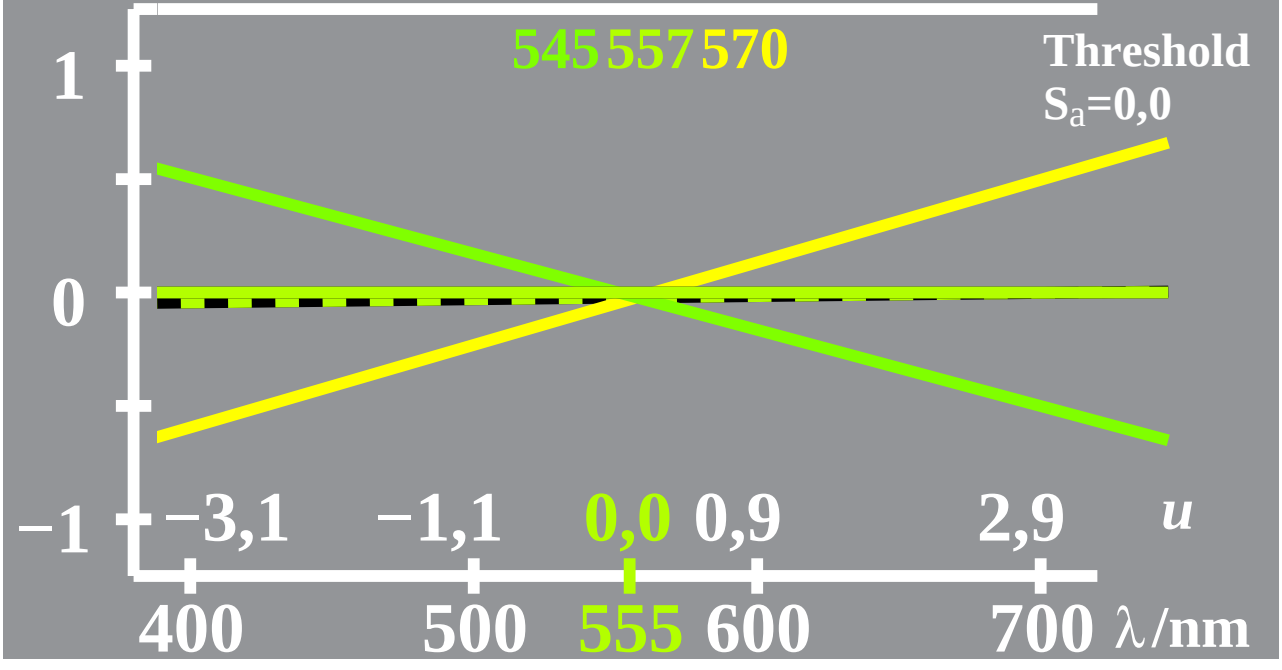
TI350−7A

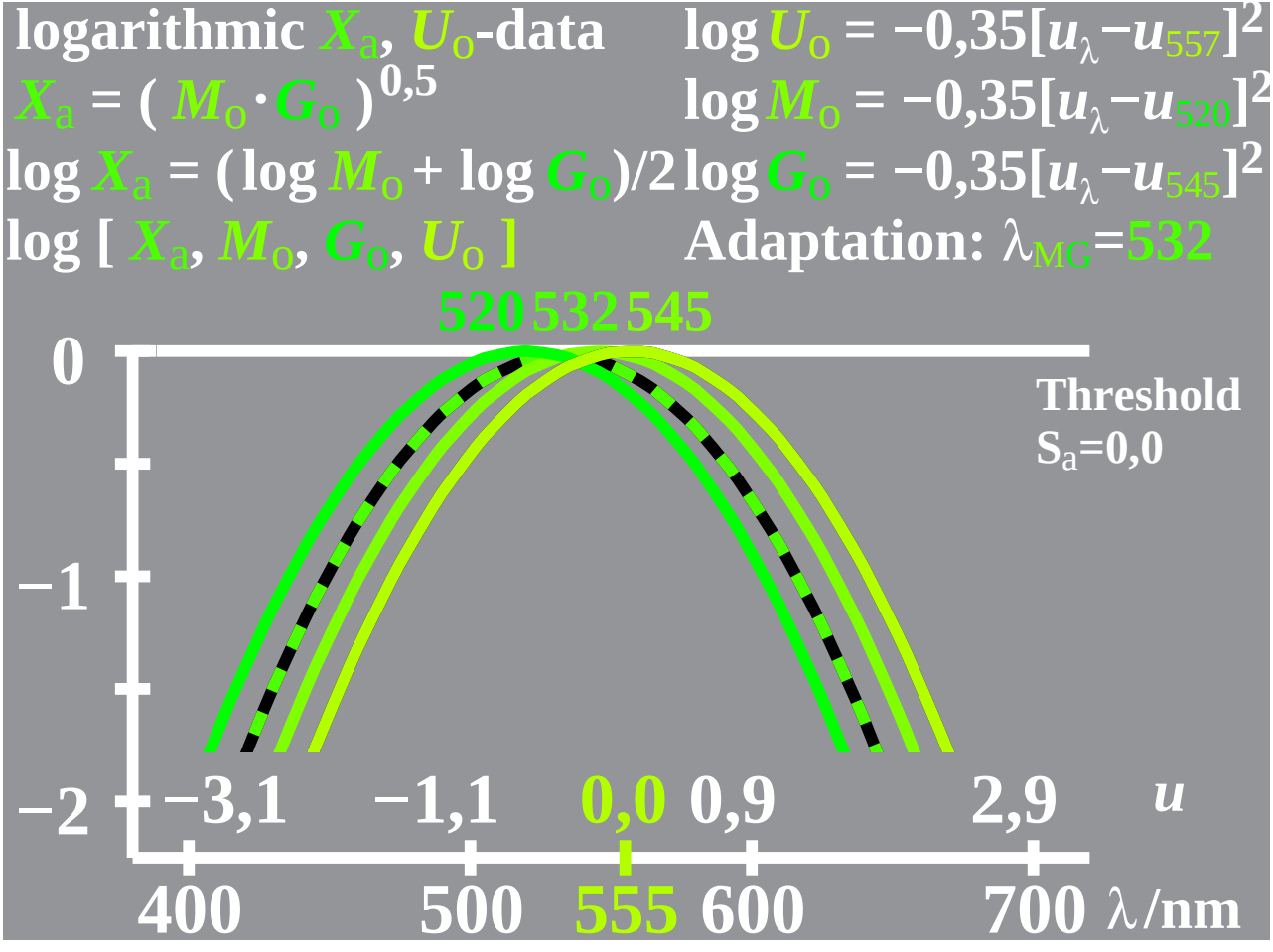
logarithmic U_o-saturation $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

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

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

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



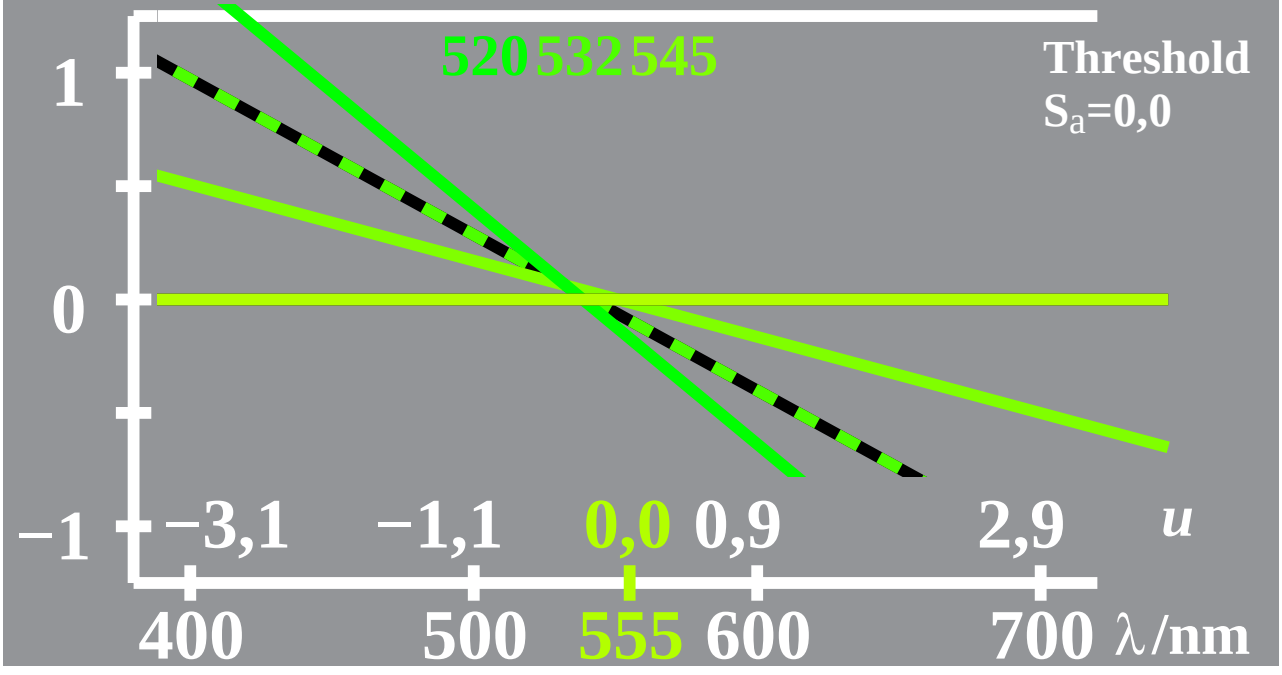

logarithmic X_a, U_o-data
$X_a = (M_o \cdot G_o)^{0,5}$
$\log X_a = (\log M_o + \log G_o)/2$
$\log [X_a, M_o, G_o, U_o]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{545}]^2$
Adaptation: λ_{MG}=532
520 532 545
0
−1
−2
Threshold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

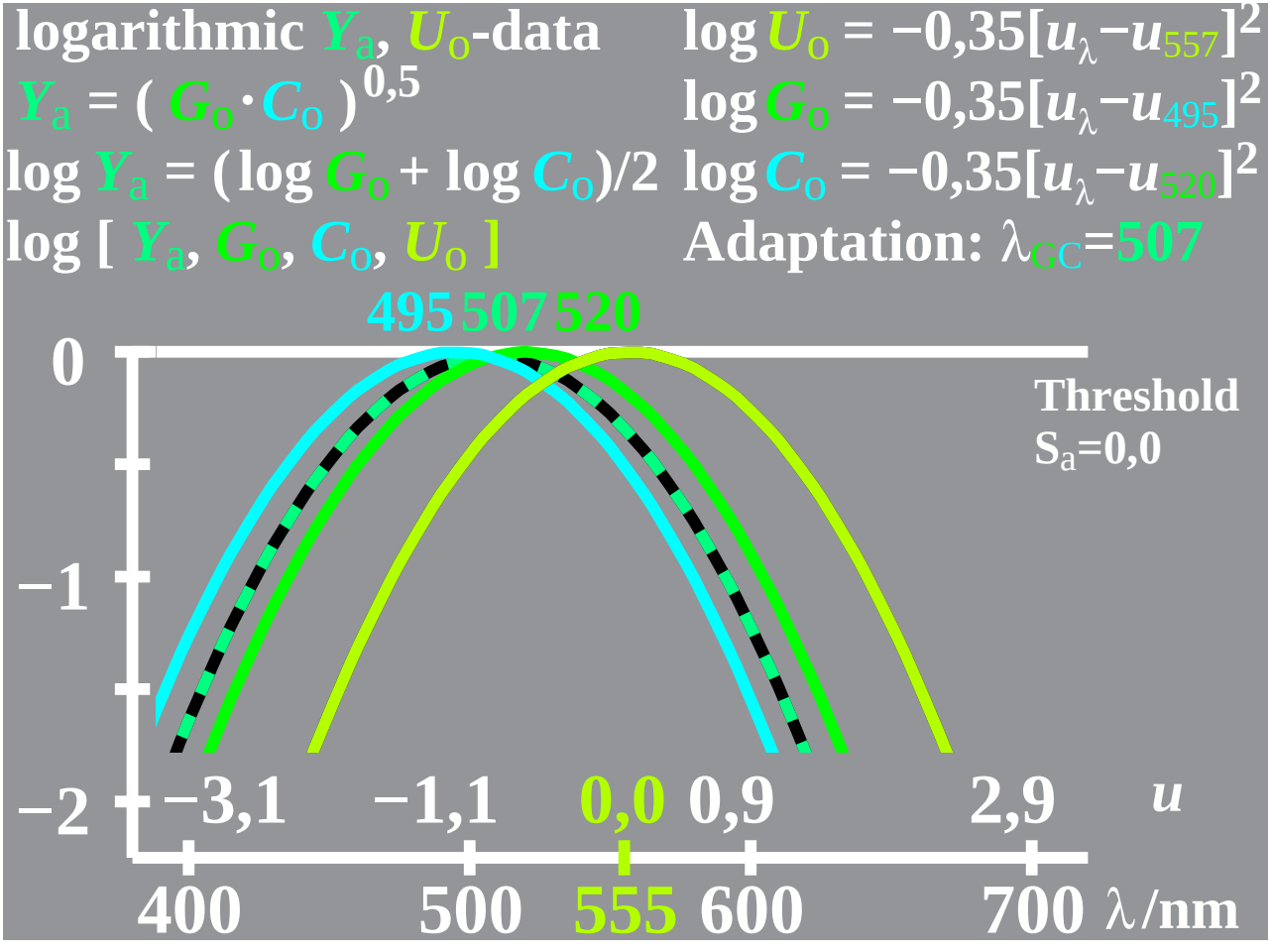
logarithmic U_o-saturation $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

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

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

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



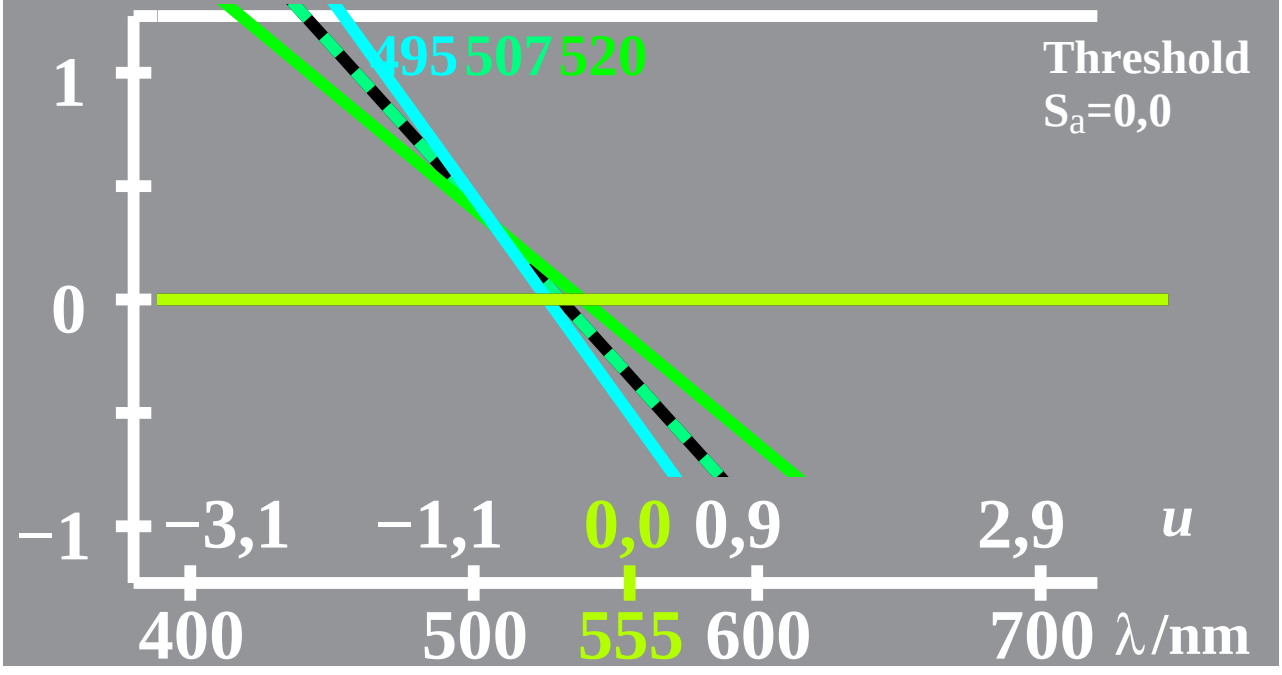

logarithmic Y_a, U_o-data
$Y_a = (G_o \cdot C_o)^{0,5}$
$\log Y_a = (\log G_o + \log C_o)/2$
$\log [Y_a, G_o, C_o, U_o]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{495}]^2$
$\log C_o = -0{,}35[u_\lambda - u_{520}]^2$
Adaptation: λ_{GC}=507
495 507 520
0
−1
−2
Threshold
S_a=0,0
−3,1
−1,1
0,0
0,9
2,9
u
400
500
555
600
700
λ/nm

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

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

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

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



logarithmic Z_a, U_o-data

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

$\log Z_a = (\log C_o + \log B_o)/2$

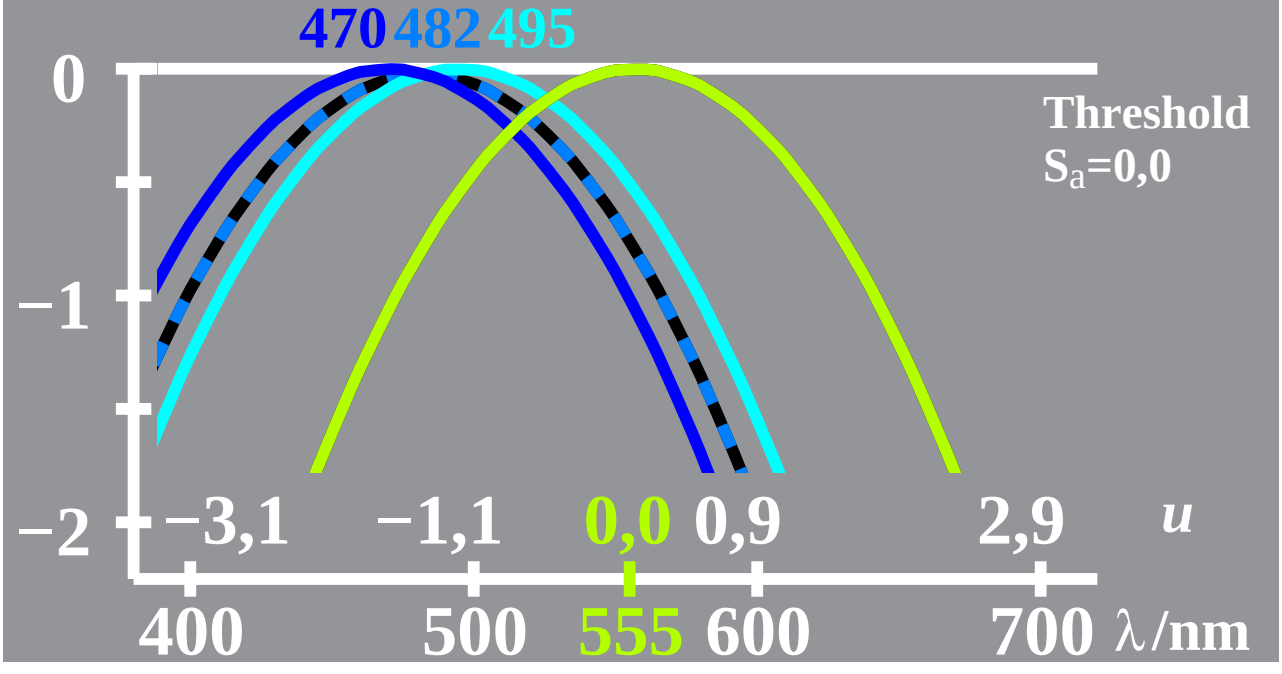
log [Z_a, C_o, B_o, U_o]

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

$\log C_o = -0{,}35[u_\lambda - u_{470}]^2$

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

Adaptation: λ_{CB}=482

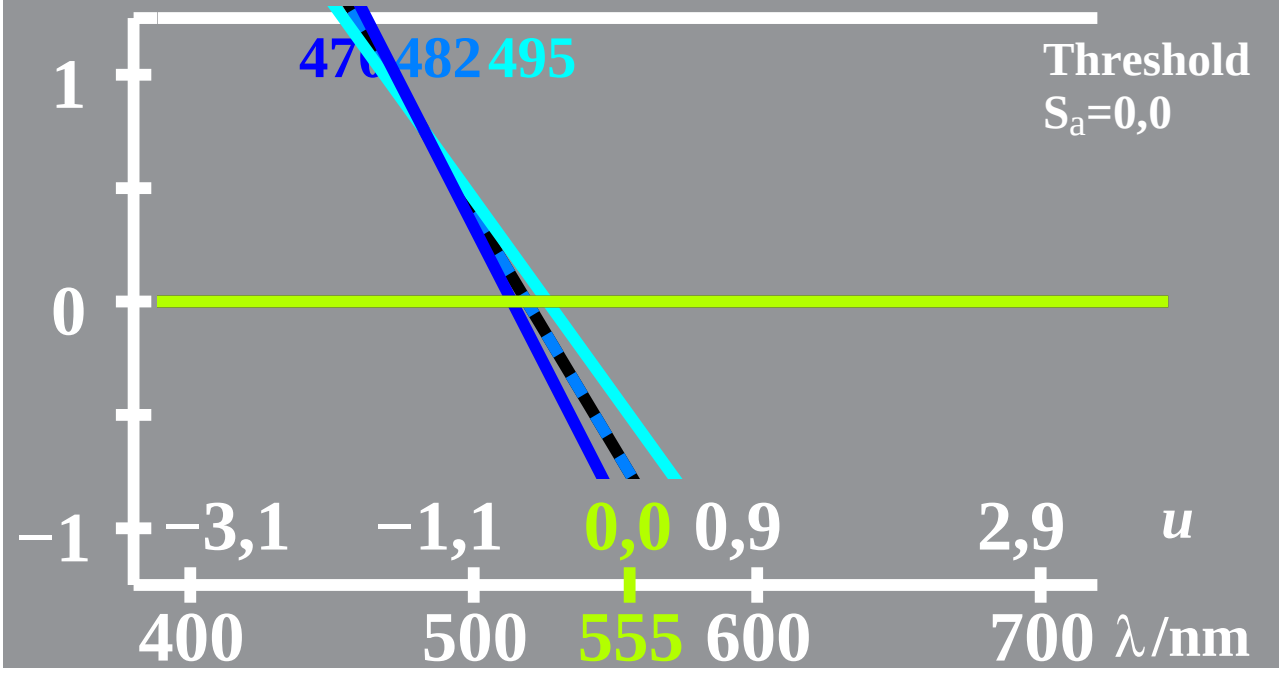


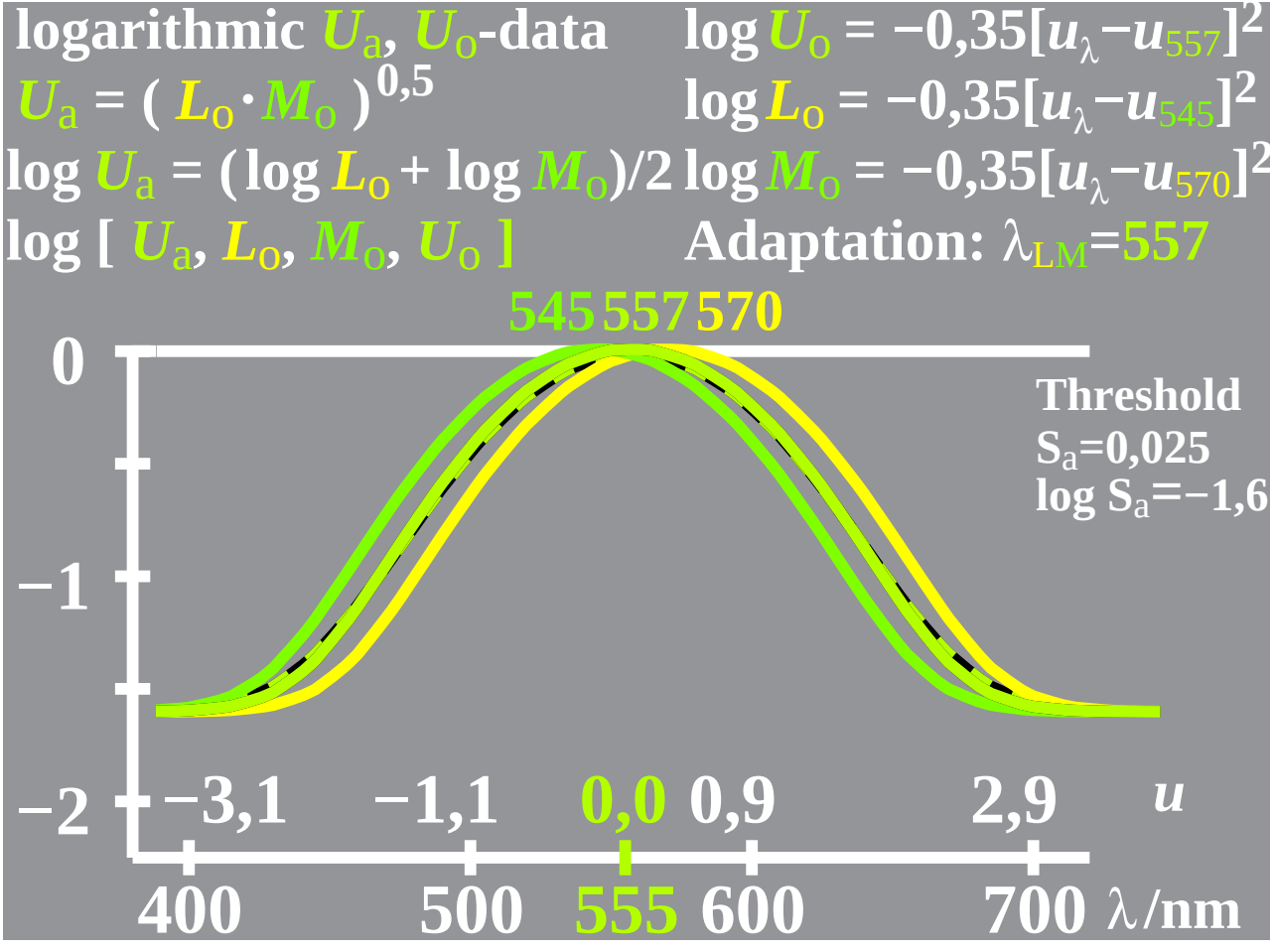
logarithmic U_o-saturation $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

$Z_a = (C_o \cdot B_o)^{0,5}$ $\log C_o = -0{,}35[u_\lambda - u_{470}]^2$

$\log Z_a = (\log C_o + \log B_o)/2$ $\log B_o = -0{,}35[u_\lambda - u_{495}]^2$

$\log [C_o/U_o, B_o/U_o, Z_a/U_o]$ Adaptation: λ_{CB}=482



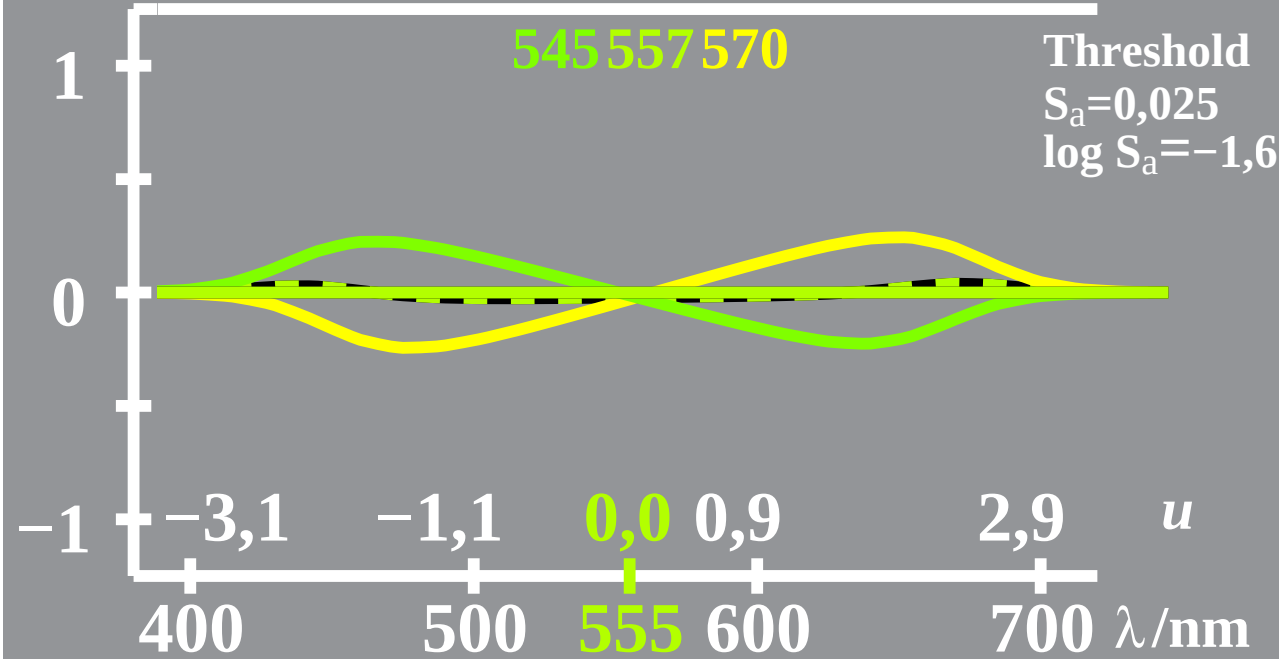

logarithmic U_a, U_o-data
$U_a = (L_o \cdot M_o)^{0,5}$
$\log U_a = (\log L_o + \log M_o)/2$
$\log [U_a, L_o, M_o, U_o]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log L_o = -0{,}35[u_\lambda - u_{545}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{570}]^2$
Adaptation: λ_{LM}=557
545 557 570
0
−1
−2
Threshold
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

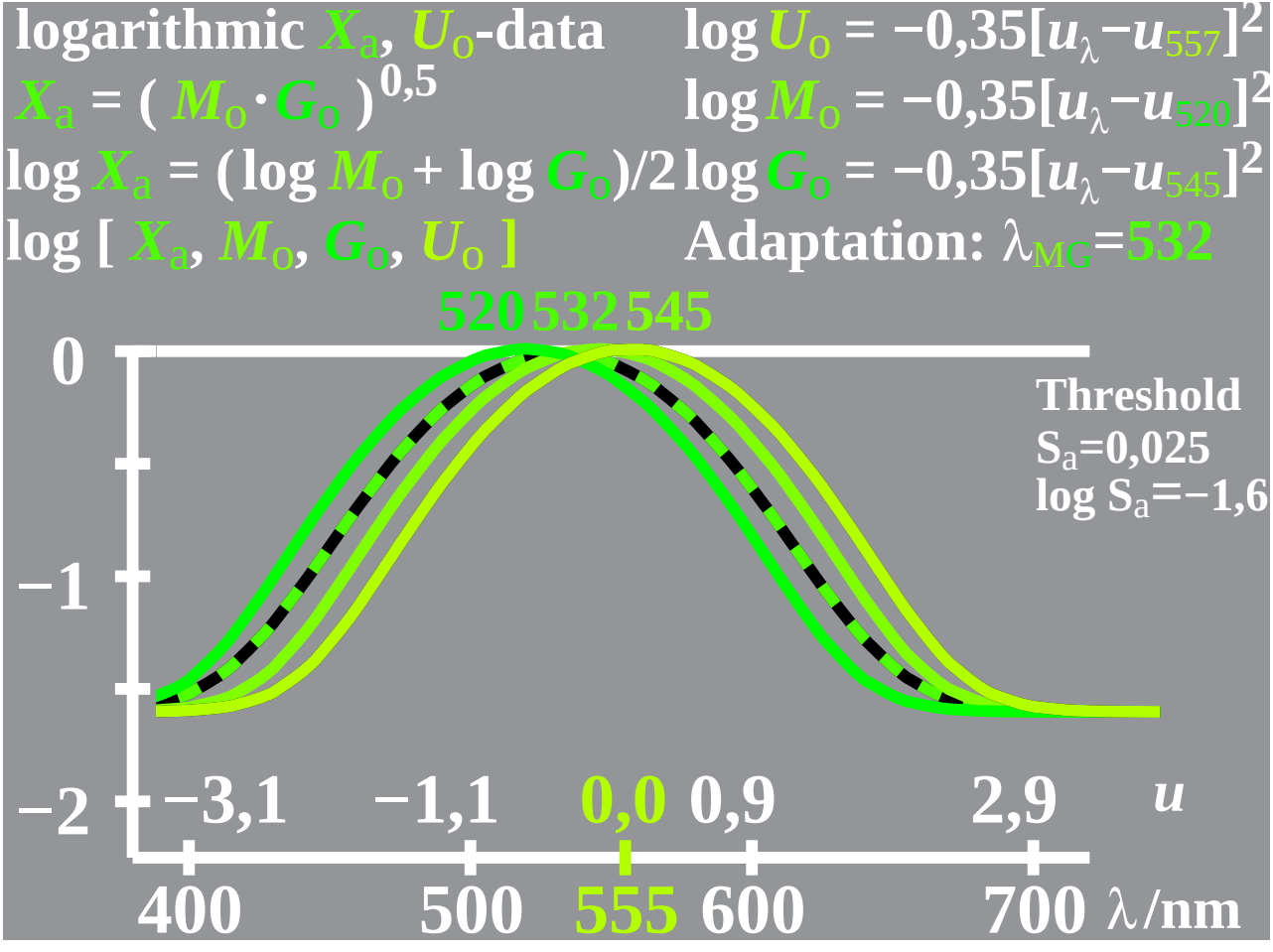
logarithmic U_o-saturation $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

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

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

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



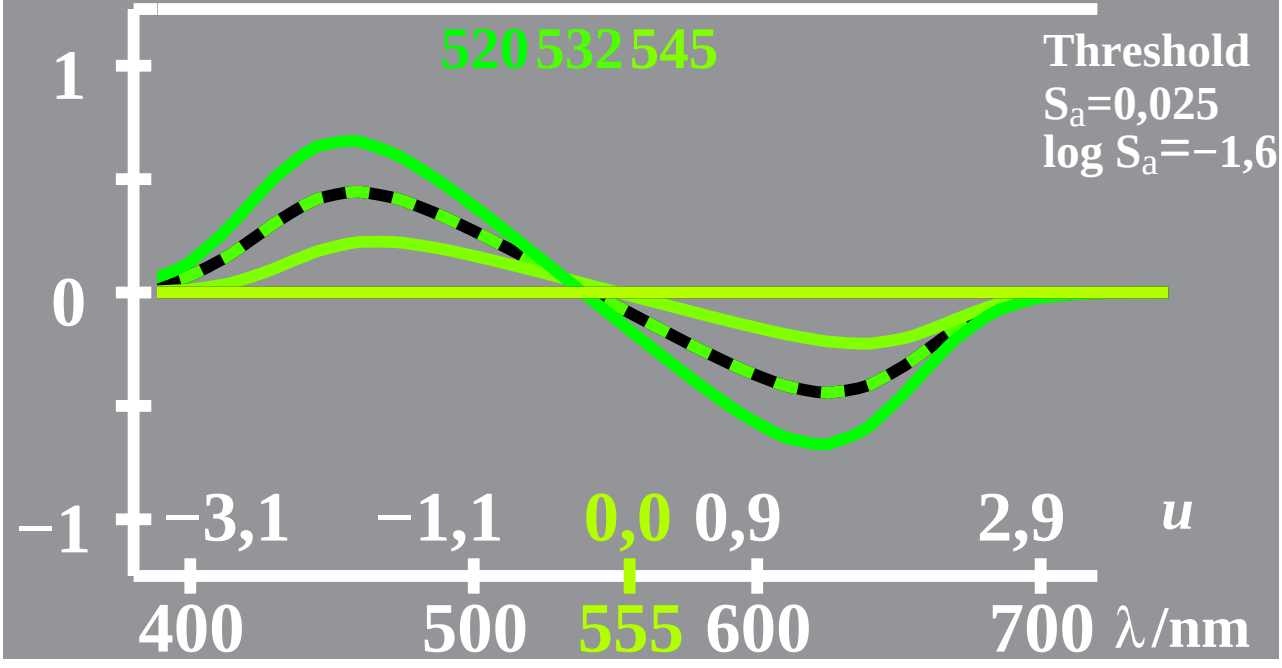

logarithmic X_a, U_o-data
$X_a = (M_o \cdot G_o)^{0,5}$
$\log X_a = (\log M_o + \log G_o)/2$
log [X_a, M_o, G_o, U_o]
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log M_o = -0{,}35[u_\lambda - u_{520}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{545}]^2$
Adaptation: λ_{MG}=532
520 532 545
0
−1
−2
Threshold
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

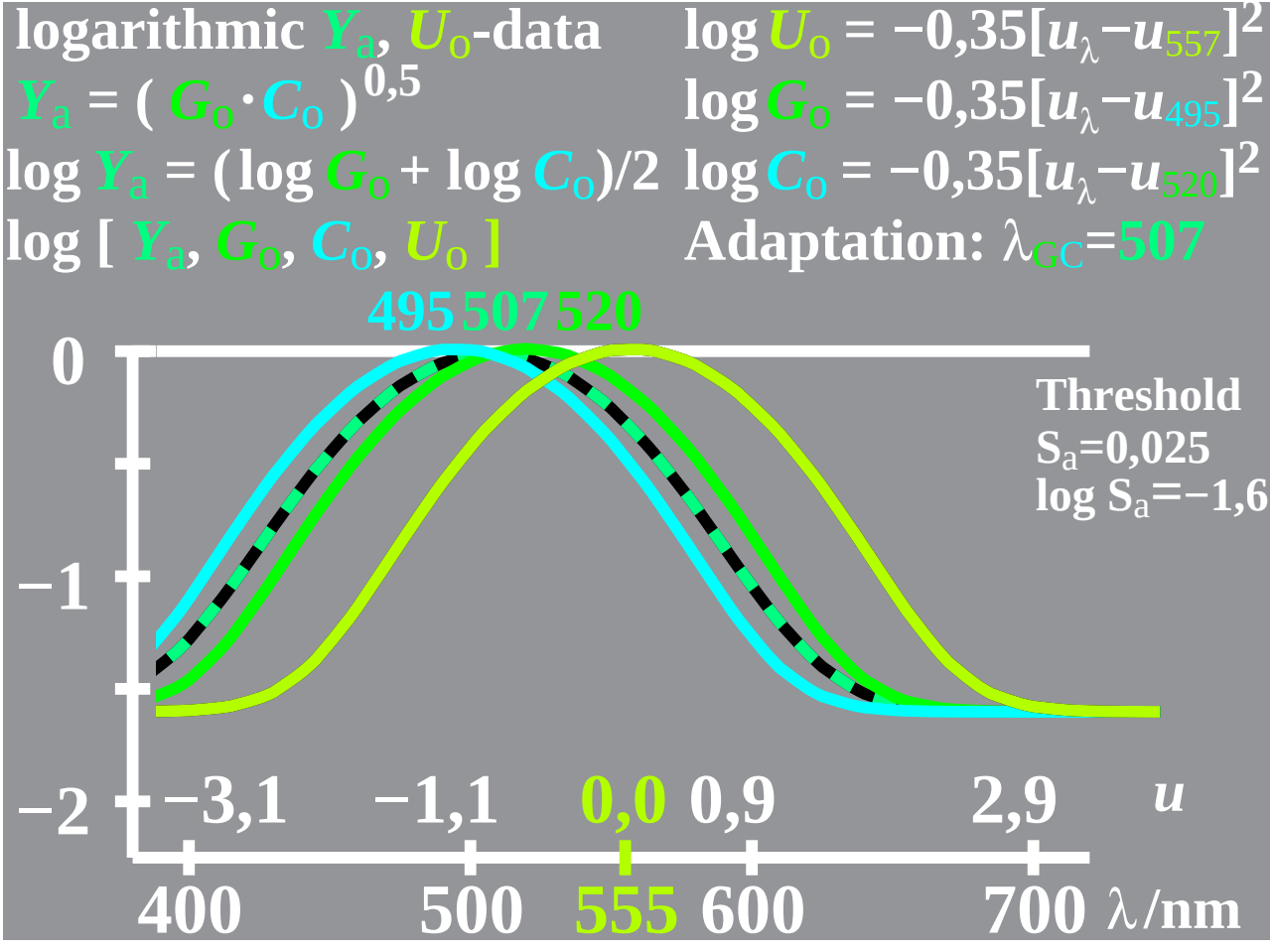
logarithmic U_o-saturation $\log U_o = -0{,}35[u_\lambda - u_{557}]^2$

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

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

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



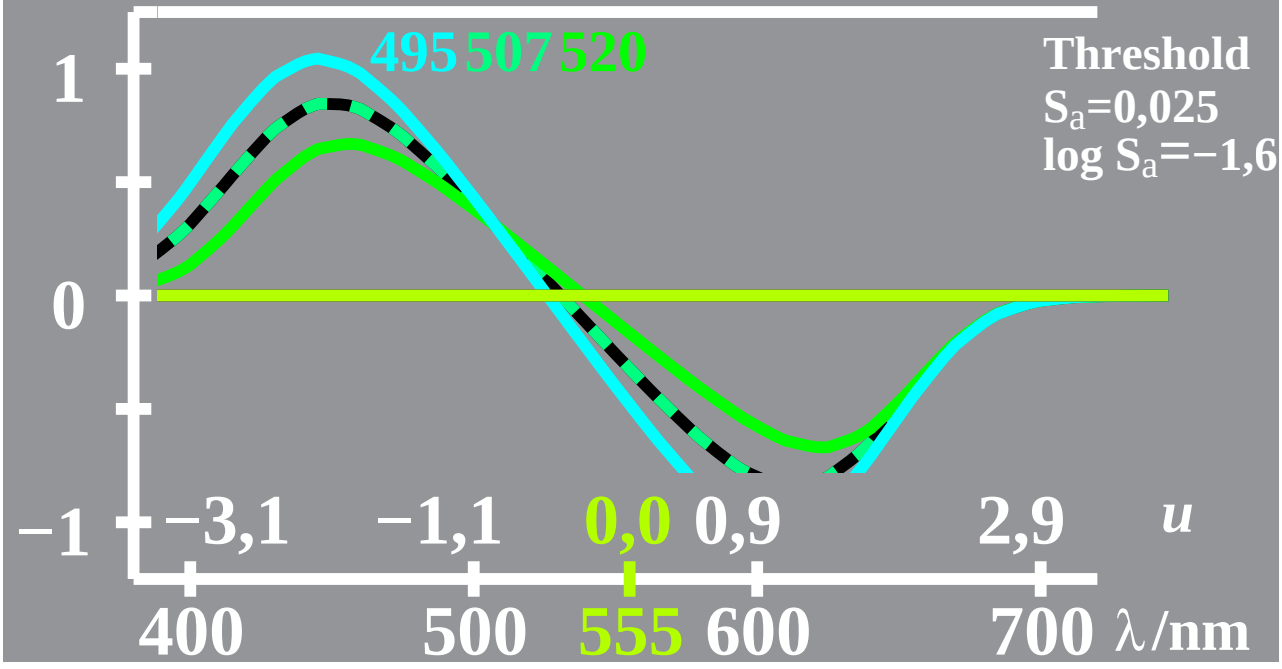

logarithmic Y_a, U_o-data
$Y_a = (G_o \cdot C_o)^{0,5}$
$\log Y_a = (\log G_o + \log C_o)/2$
$\log [\ Y_a, G_o, C_o, U_o\ ]$
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$\log G_o = -0{,}35[u_\lambda - u_{495}]^2$
$\log C_o = -0{,}35[u_\lambda - u_{520}]^2$
Adaptation: λ_{GC}=507
495 507 520
0
−1
−2
Threshold
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

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

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

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

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



logarithmic Z_a, U_o-data

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

$\log Z_a = (\log C_o + \log B_o)/2$

log [Z_a, C_o, B_o, U_o]

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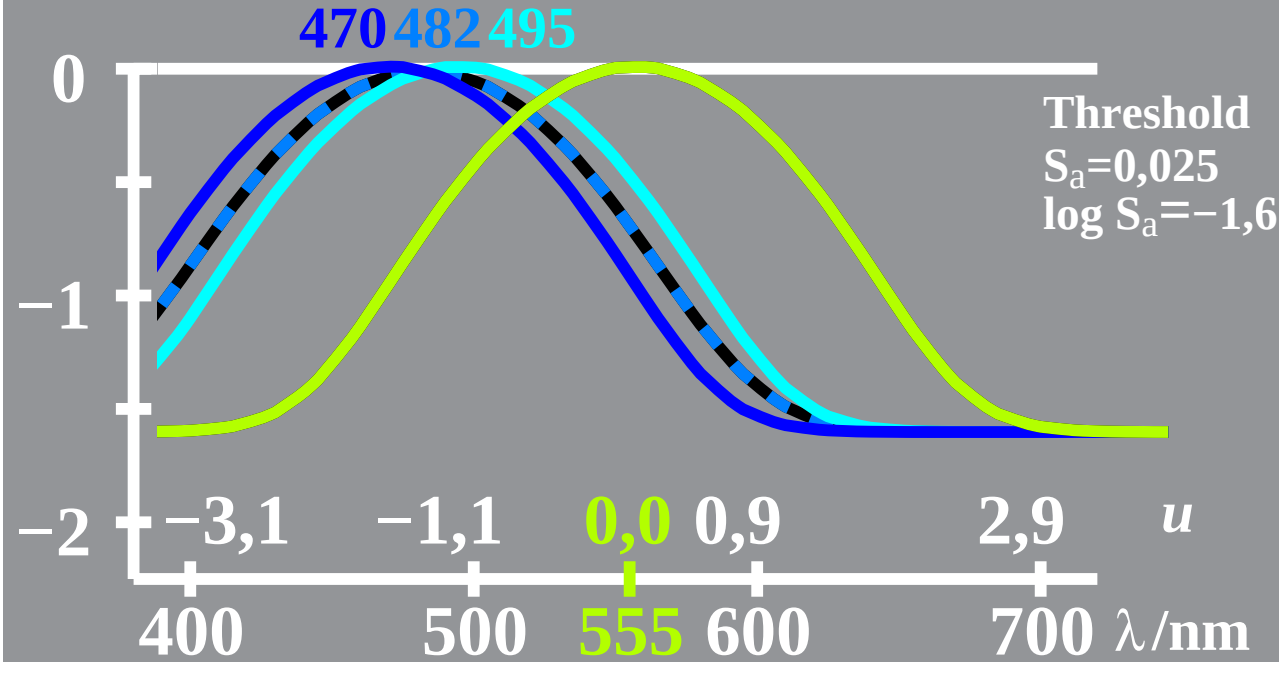
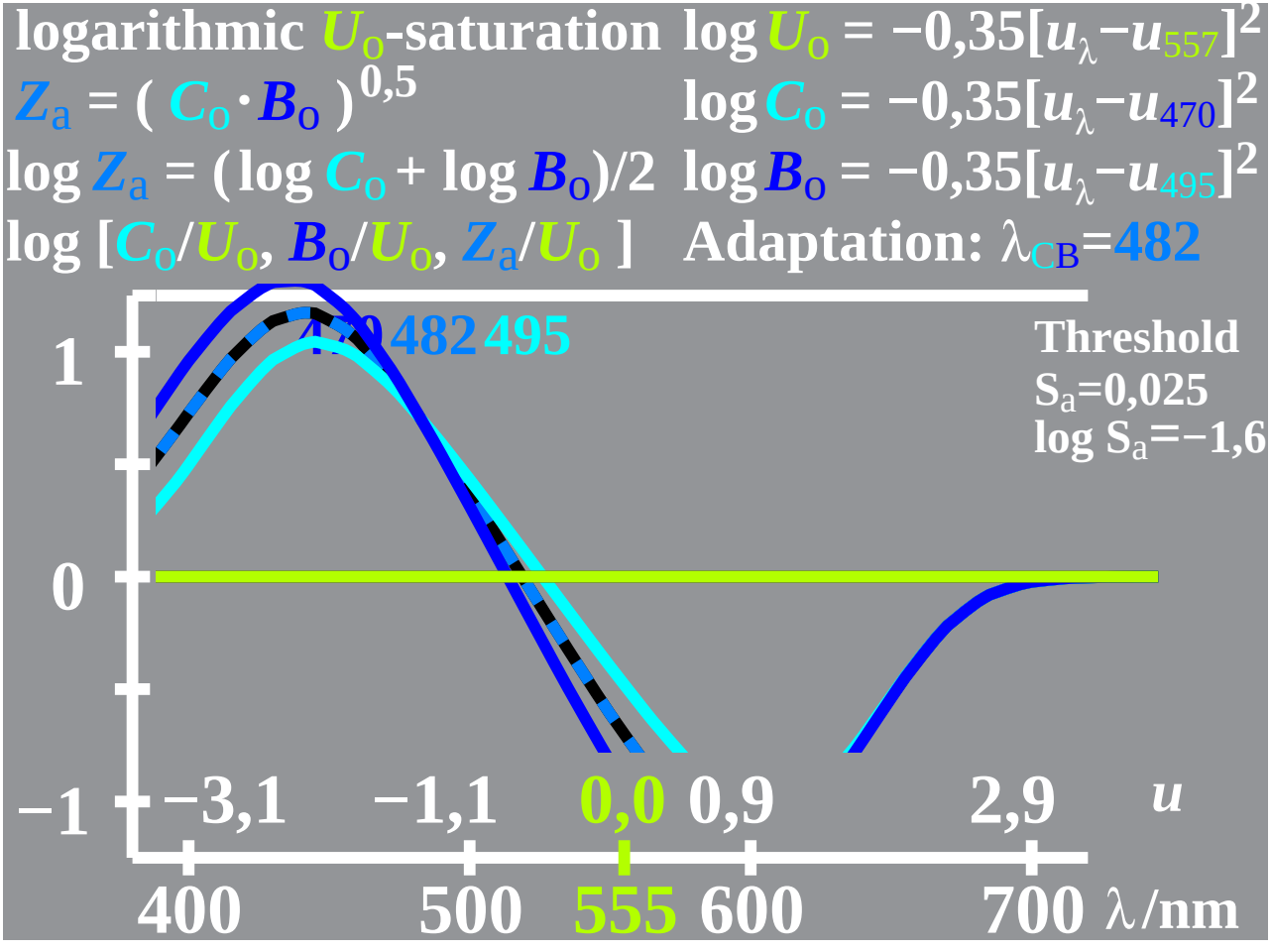
$\log C_o = -0{,}35[u_\lambda - u_{470}]^2$

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

Adaptation: λ_{CB}=482




logarithmic U_o-saturation
$\log U_o = -0{,}35[u_\lambda - u_{557}]^2$
$Z_a = (C_o \cdot B_o)^{0,5}$
$\log C_o = -0{,}35[u_\lambda - u_{470}]^2$
$\log Z_a = (\log C_o + \log B_o)/2$
$\log B_o = -0{,}35[u_\lambda - u_{495}]^2$
$\log [C_o/U_o, B_o/U_o, Z_a/U_o]$
Adaptation: λ_{CB}=482
470 482 495
Threshold
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