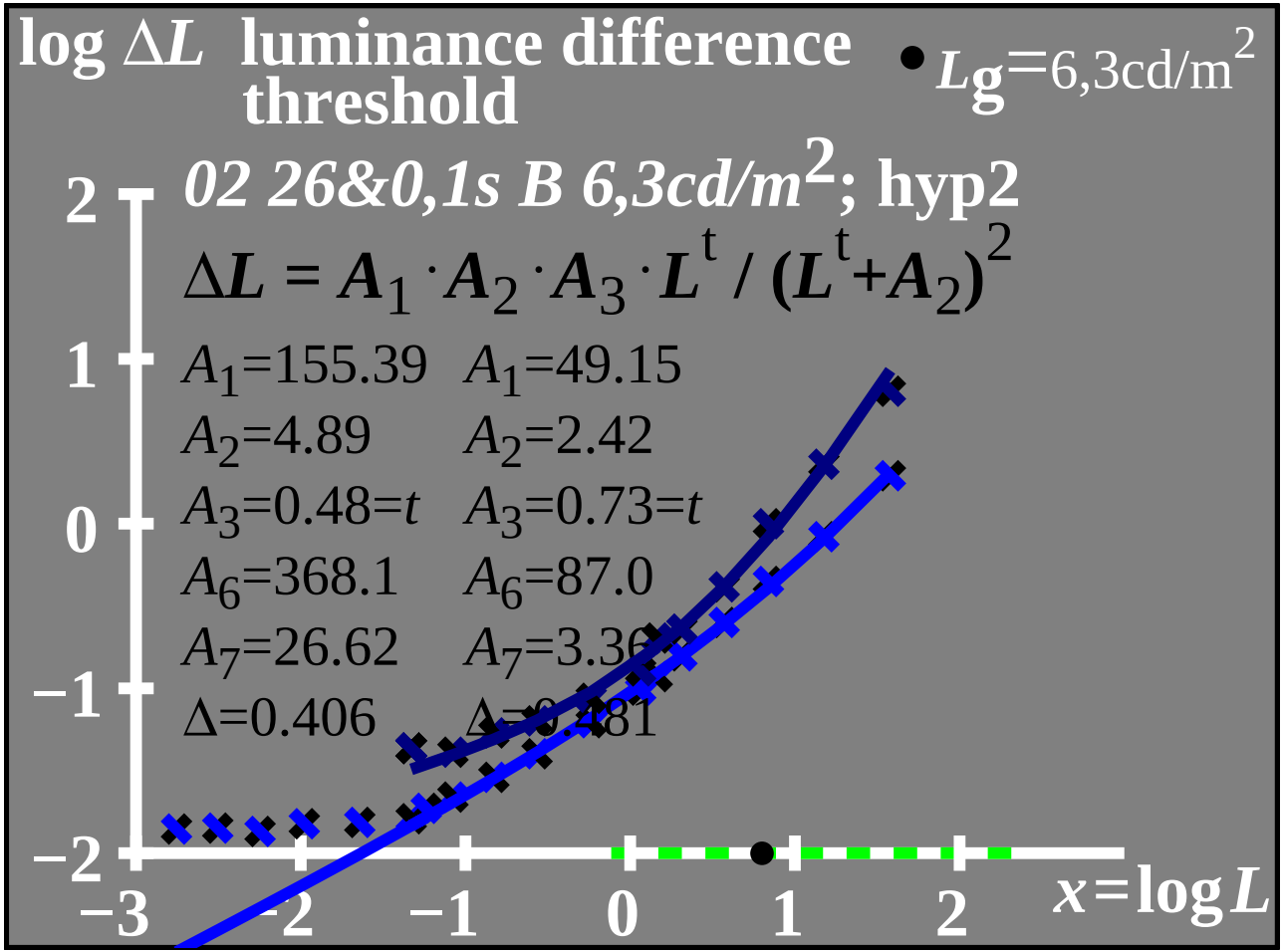
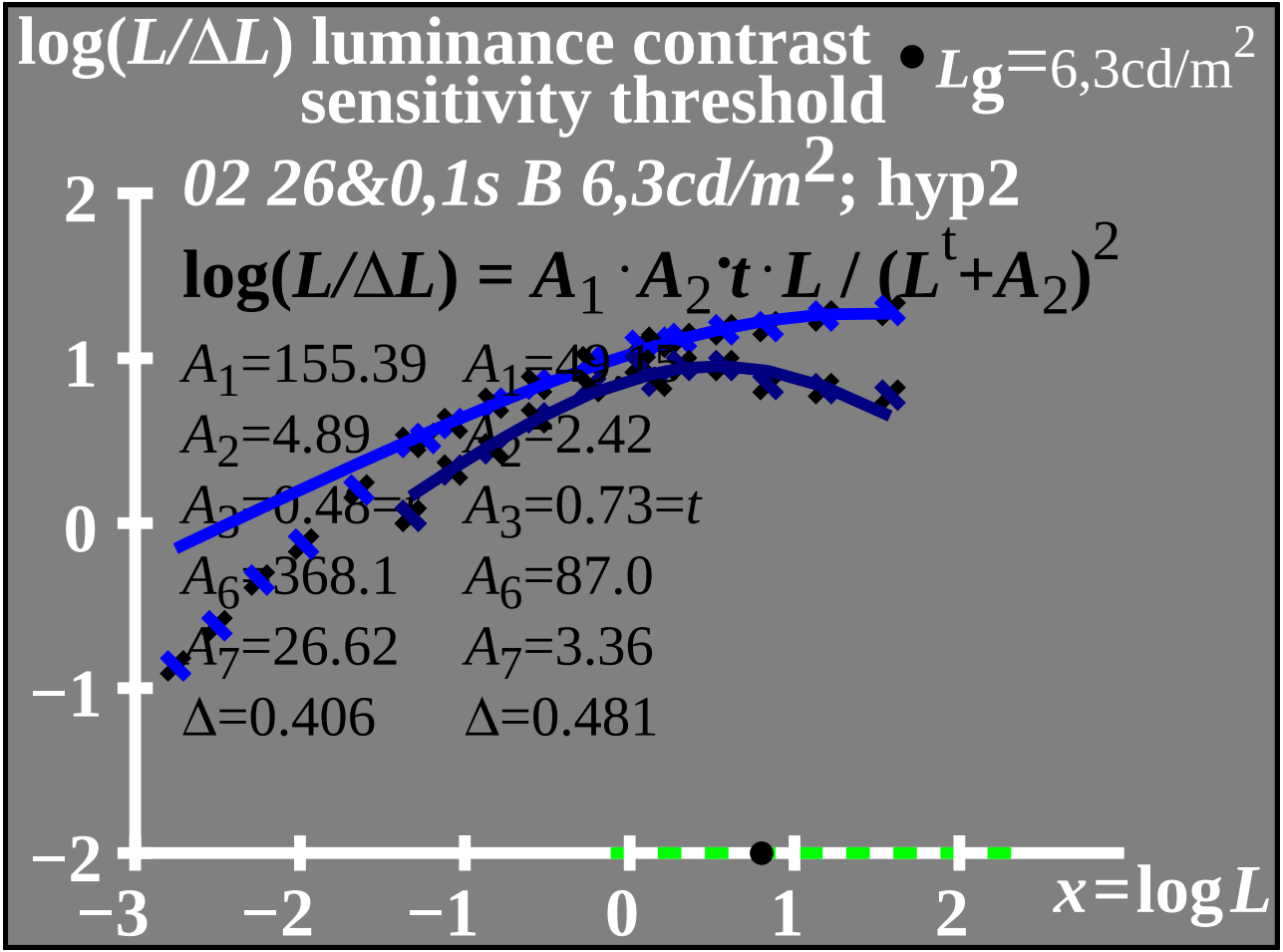
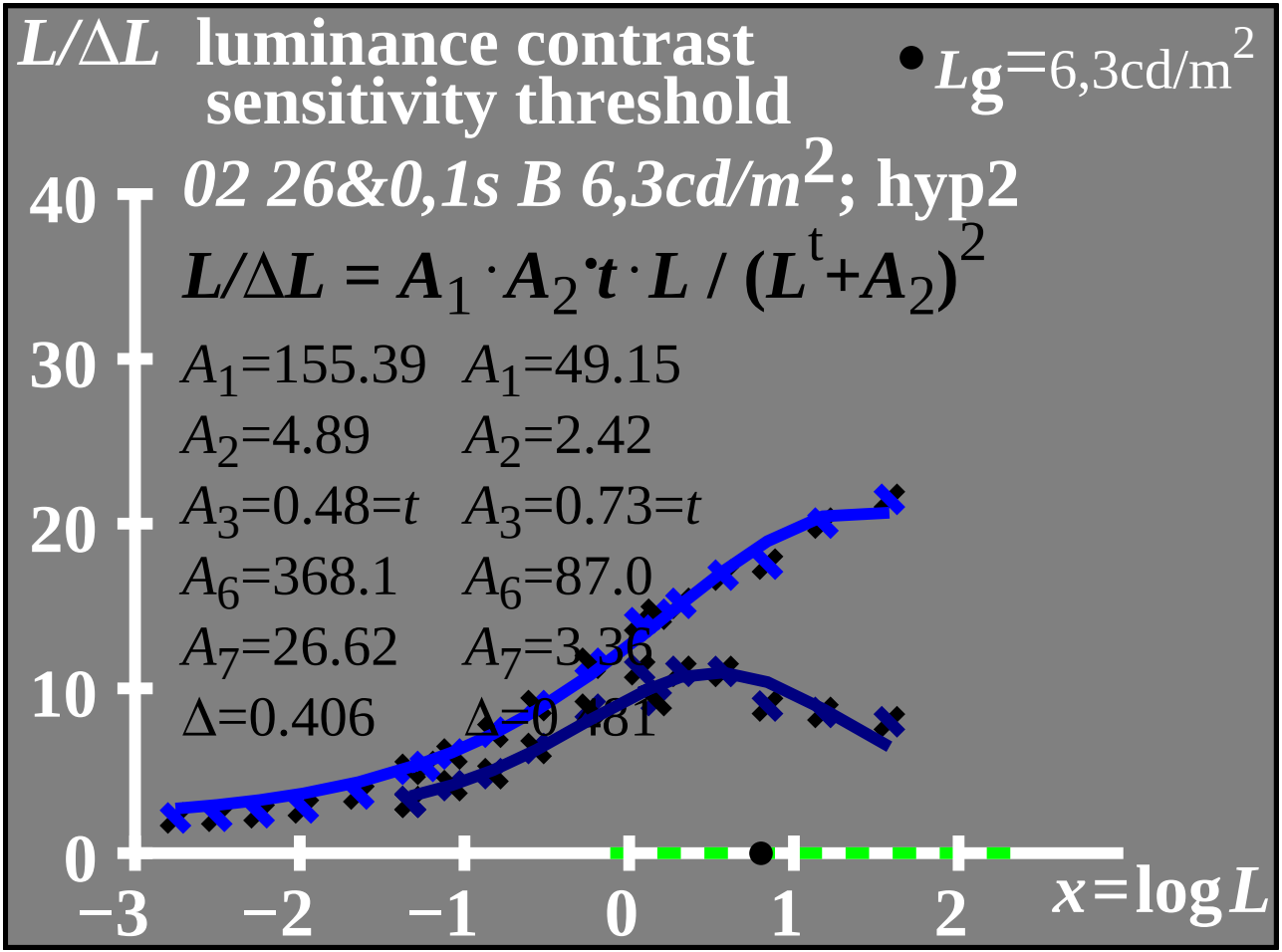

log ΔL luminance difference threshold
Lg=6,3cd/m2
02 26&0,1s B 6,3cd/m2; hyp2
ΔL = A1·A2·A3·L^t / (L^t+A2)^2
A1=155.39 A1=49.15
A2=4.89 A2=2.42
A3=0.48=t A3=0.73=t
A6=368.1 A6=87.0
A7=26.62 A7=3.36
Δ=0.406 Δ=0.481
2
1
0
−1
−2
−3
−2
−1
0
1
2
x=log L

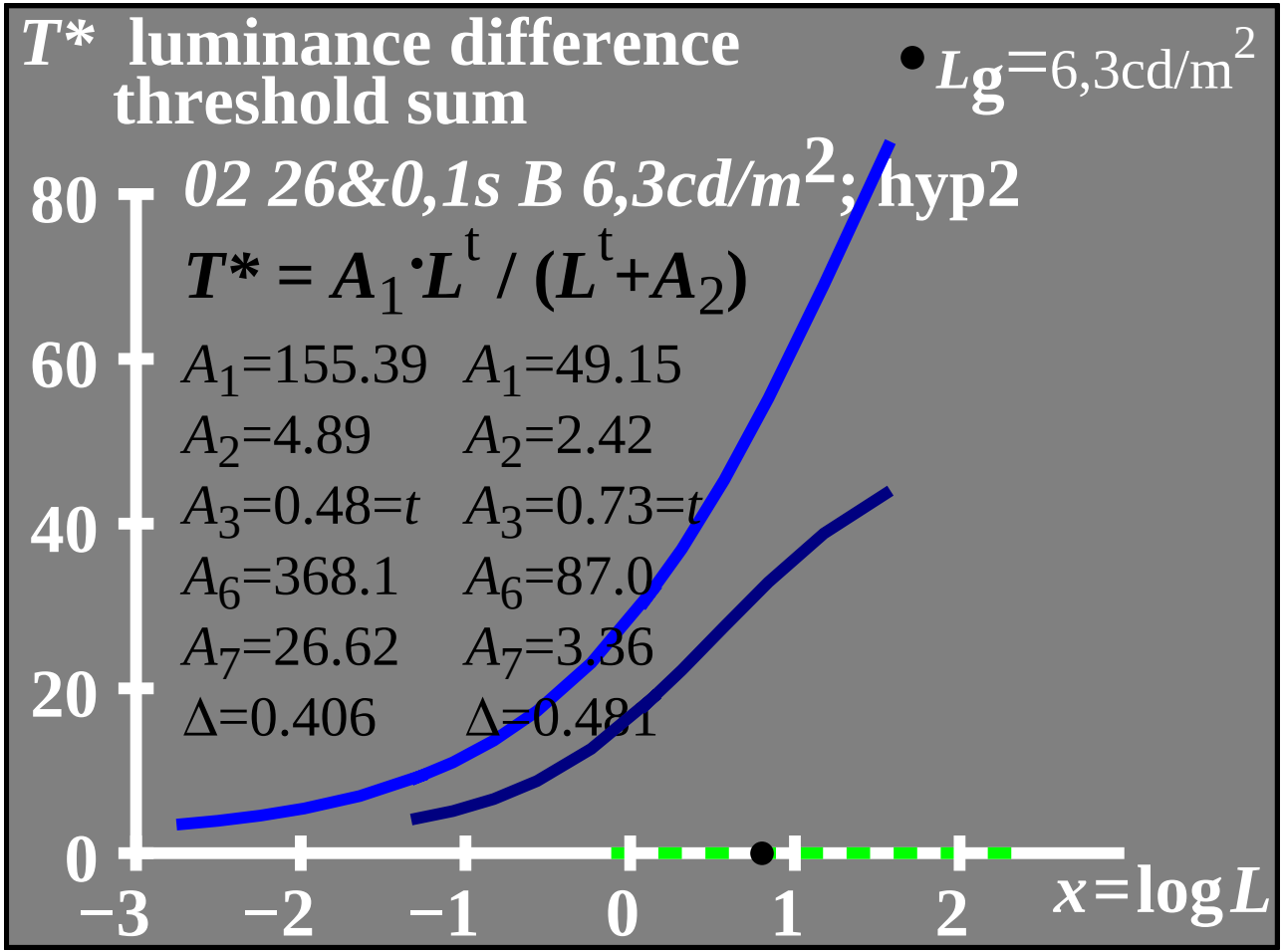
UE221−5A_1


log(L/ΔL) luminance contrast sensitivity threshold
Lg=6,3cd/m2
02 26&0,1s B 6,3cd/m2; hyp2
log(L/ΔL) = A1 · A2 · t · L / (L^t+A2)^2
A1=155.39
A2=4.89
A3=0.48=t
A6=368.1
A7=26.62
Δ=0.406
A1=49.15
A2=2.42
A3=0.73=t
A6=87.0
A7=3.36
Δ=0.481
2
1
0
−1
−2
−3
−2
−1
0
1
2
x=log L

UE221−5A_2


L/ΔL luminance contrast sensitivity threshold
Lg=6,3cd/m2
02 26&0,1s B 6,3cd/m2; hyp2
L/ΔL = A1 · A2 · t · L / (Lt+A2)2
A1=155.39 A1=49.15
A2=4.89 A2=2.42
A3=0.48=t A3=0.73=t
A6=368.1 A6=87.0
A7=26.62 A7=3.36
Δ=0.406 Δ=0.481
40
30
20
10
0
−3
−2
−1
0
1
2
x=log L

UE221−5A_3


T* luminance difference threshold sum
Lg=6,3cd/m2
02 26&0,1s B 6,3cd/m2; hyp2
T* = A1·Lt / (Lt+A2)
A1=155.39
A2=4.89
A3=0.48=t
A6=368.1
A7=26.62
Δ=0.406
A1=49.15
A2=2.42
A3=0.73=t
A6=87.0
A7=3.36
Δ=0.481
80
60
40
20
0
−3
−2
−1
0
1
2
x=log L

UE221−5A_4