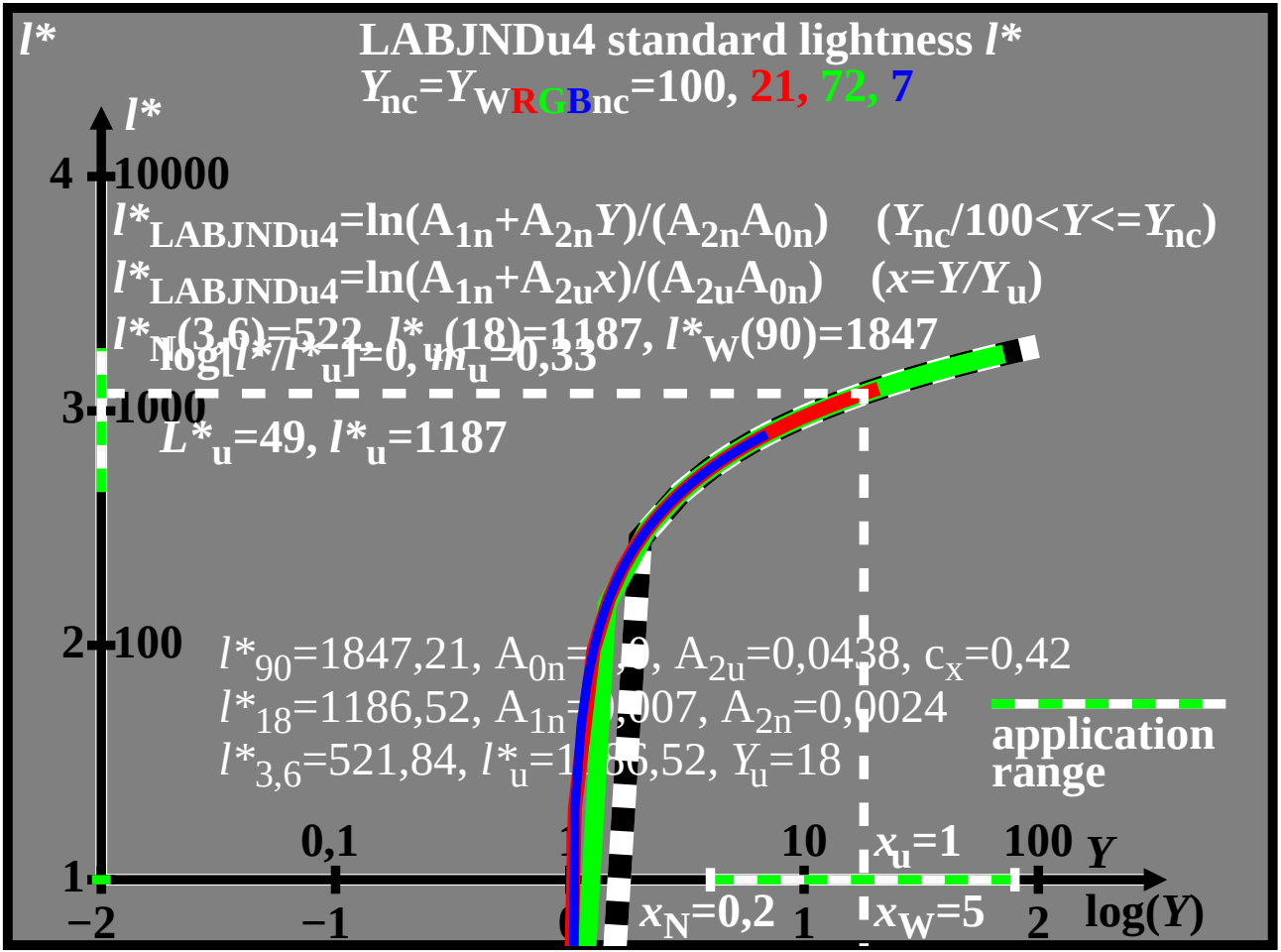
l*
LABJNDu4 standard lightness l*
Ync=YWRGBnc=100, 21, 72, 7
l*
4
10000
l*LABJNDu4=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu4=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
l*N(3,6)=522, l*u(18)=1187, l*W(90)=1847
log[l*/l*u]=0, mu=0,33
3
1000
L*u=49, l*u=1187
2
100
l*90=1847,21, A0n=0,0, A2u=0,0438, cx=0,42
l*18=1186,52, A1n=0,007, A2n=0,0024
l*3,6=521,84, l*u=1186,52, Yu=18
application range
0,1
10
xu=1
100
Y
1
−2
−1
xN=0,2
1
xW=5
2
log(Y)

CED40−1A