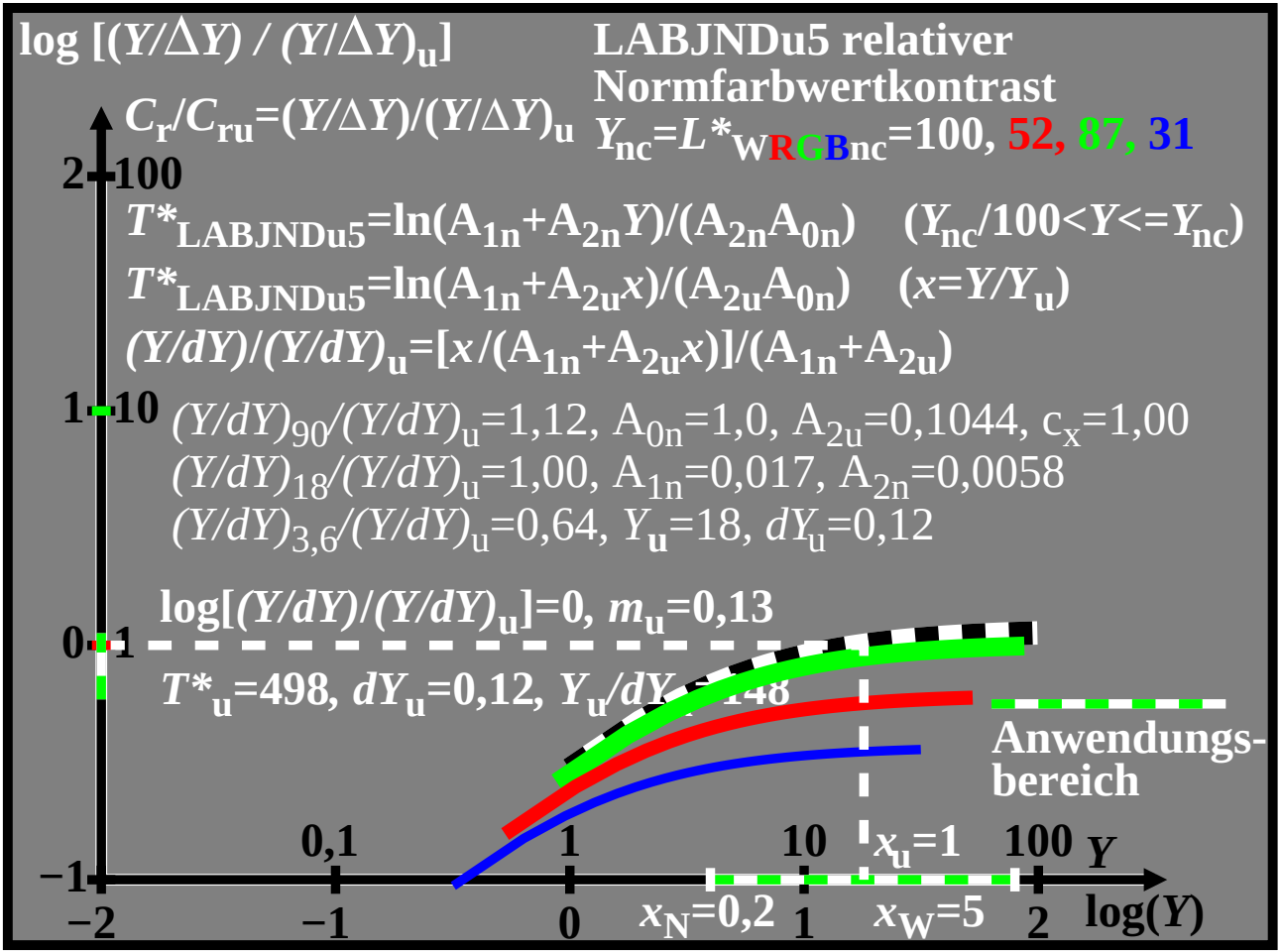
log [(Y/ΔY) / (Y/ΔY)u]
LABJNDu5 relativer Normfarbwertkontrast
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
Ync=L*WRGBnc=100, 52, 87, 31
2 100
T*LABJNDu5=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
T*LABJNDu5=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
(Y/dY)/(Y/dY)u=[x/(A1n+A2ux)]/(A1n+A2u)
1 10
(Y/dY)90/(Y/dY)u=1,12, A0n=1,0, A2u=0,1044, cx=1,00
(Y/dY)18/(Y/dY)u=1,00, A1n=0,017, A2n=0,0058
(Y/dY)3,6/(Y/dY)u=0,64, Yu=18, dYu=0,12
log[(Y/dY)/(Y/dY)u]=0, mu=0,13
0 1
T*u=498, dYu=0,12, Yu/dYu=148
Anwendungs-bereich
0,1
1
10
xu=1
100
Y
−1
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CGD51−8A