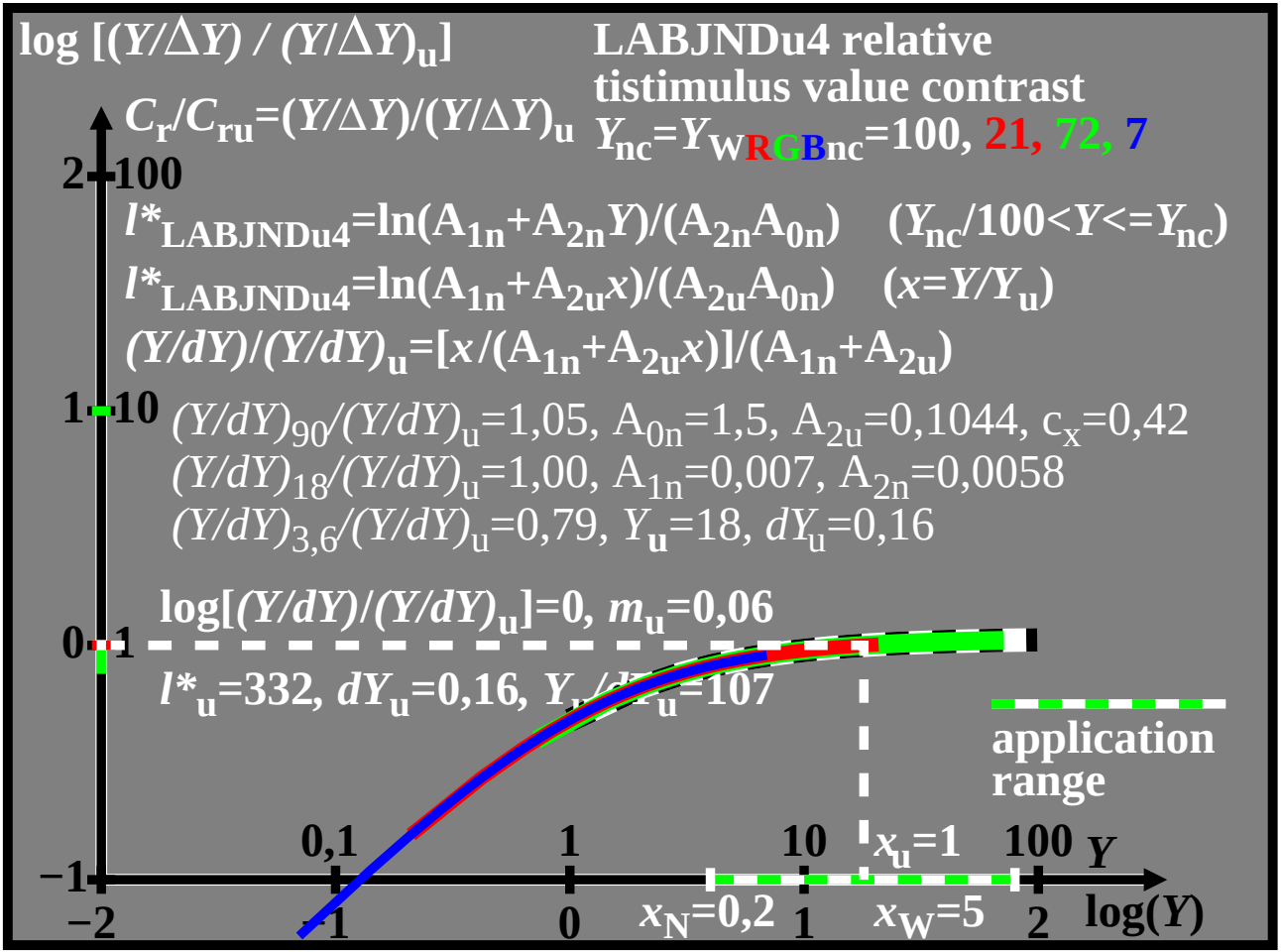
log [(Y/ΔY) / (Y/ΔY)u]
LABJNDu4 relative tistimulus value contrast
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
Ync=YWRGBnc=100, 21, 72, 7
2 100
l*LABJNDu4=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu4=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
(Y/dY)/(Y/dY)u=[x/(A1n+A2ux)]/(A1n+A2u)
1 10
(Y/dY)90/(Y/dY)u=1,05, A0n=1,5, A2u=0,1044, cx=0,42
(Y/dY)18/(Y/dY)u=1,00, A1n=0,007, A2n=0,0058
(Y/dY)3,6/(Y/dY)u=0,79, Yu=18, dYu=0,16
log[(Y/dY)/(Y/dY)u]=0, mu=0,06
0 1
l*u=332, dYu=0,16, Yu/dYu=107
application range
0,1
1
10
xu=1
100
Y
−1
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)