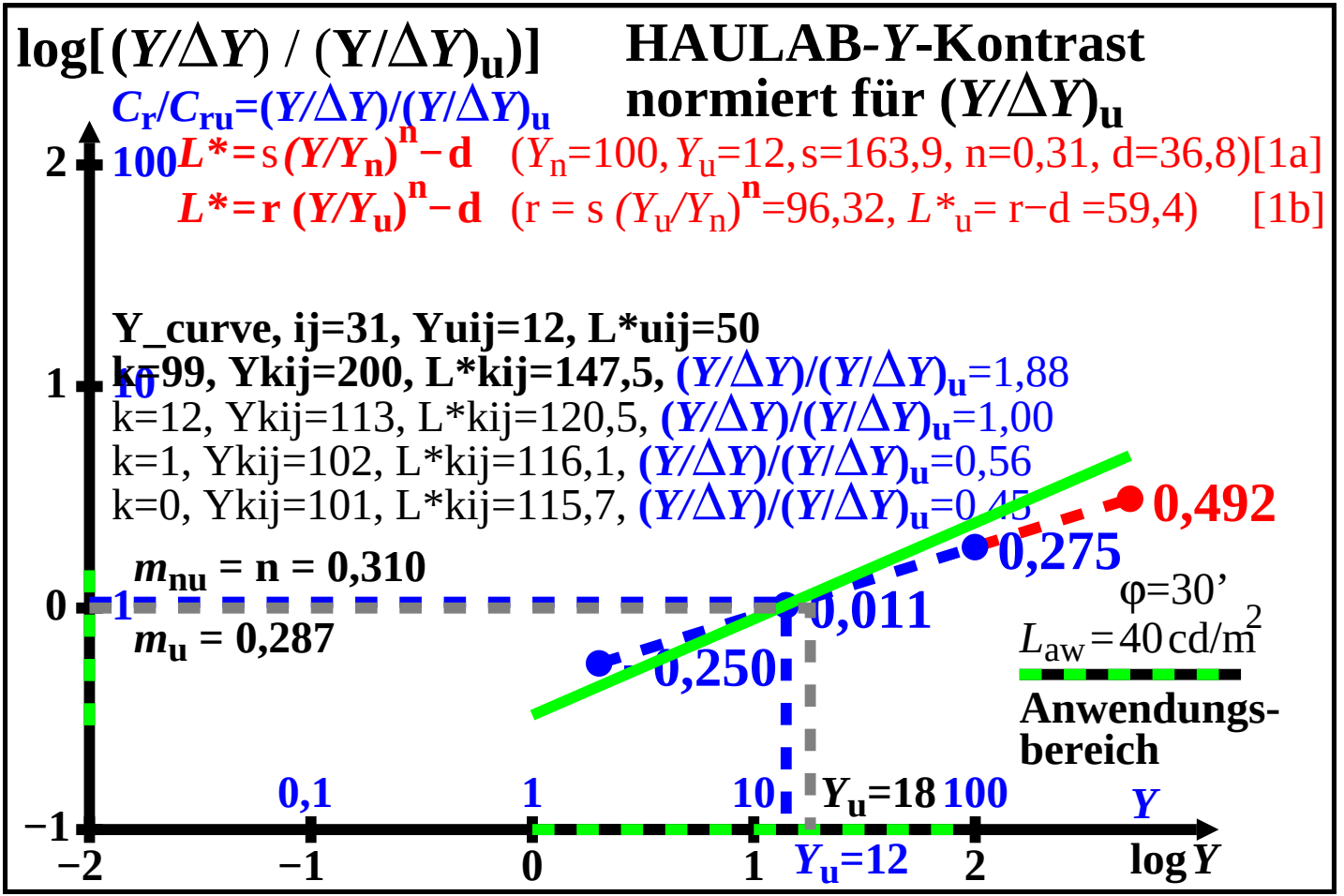
log[(Y/ΔY) / (Y/ΔY)u)]
HAULAB-Y-Kontrast
normiert für (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
100 L*=s(Y/Yn)^n−d (Yn=100, Yu=12, s=163,9, n=0,31, d=36,8)[1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=96,32, L*u= r−d =59,4) [1b]
Y_curve, ij=31, Yuij=12, L*uij=50
k=99, Ykij=200, L*kij=147,5, (Y/ΔY)/(Y/ΔY)u=1,88
10 k=12, Ykij=113, L*kij=120,5, (Y/ΔY)/(Y/ΔY)u=1,00
k=1, Ykij=102, L*kij=116,1, (Y/ΔY)/(Y/ΔY)u=0,56
k=0, Ykij=101, L*kij=115,7, (Y/ΔY)/(Y/ΔY)u=0,45
mnu = n = 0,310
1
mu = 0,287
0,492
0,275
0,011
0,250
φ=30’
Law=40 cd/m2
Anwendungs-
bereich
2
1
0
−1
0,1
1
10
100
Y
Yu=18
Yu=12
−2
−1
0
1
2
log Y

hgv71−8a