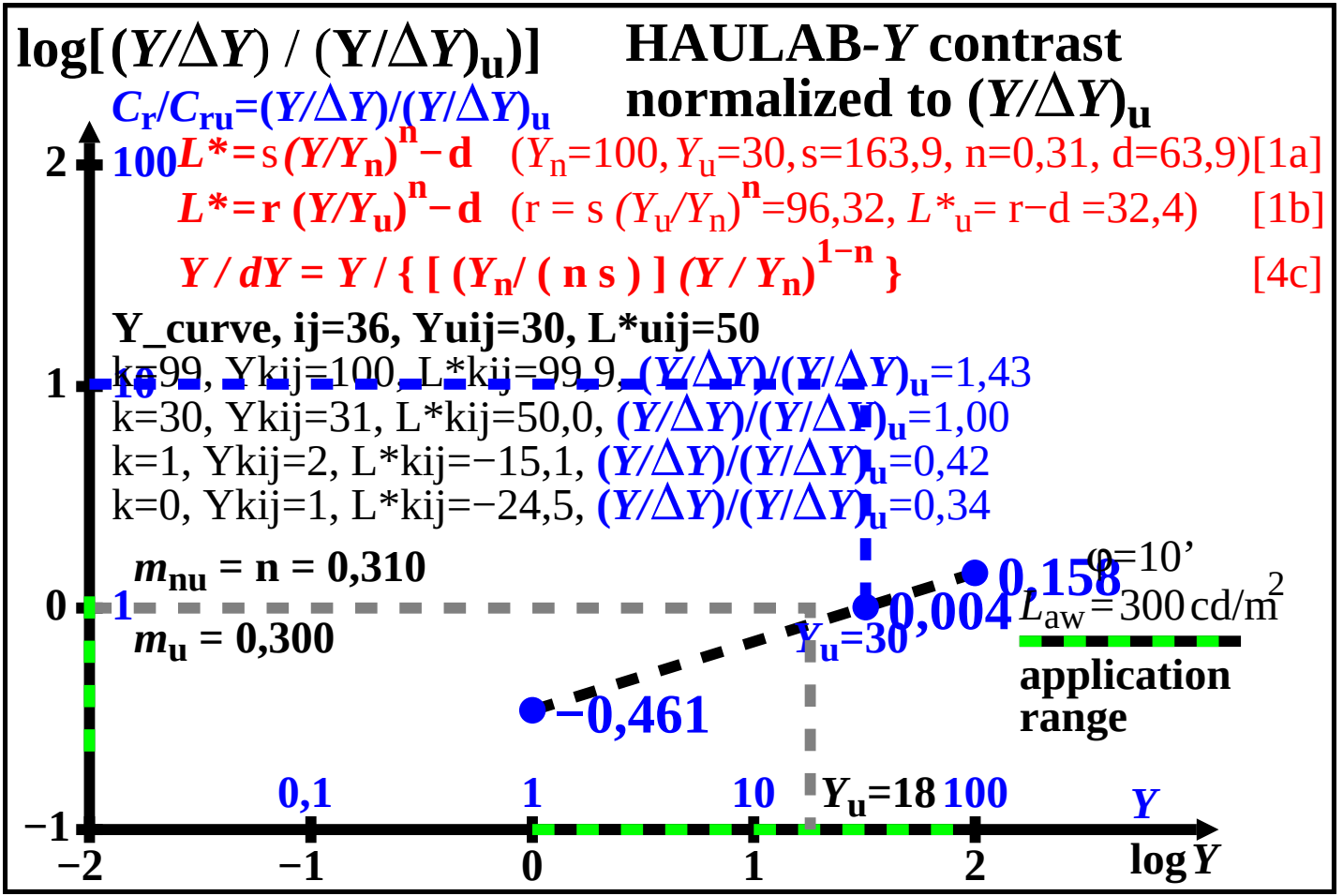
log[(Y/ΔY) / (Y/ΔY)u)]
HAULAB-Y contrast
normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
100
L*=s(Y/Yn)^n−d (Yn=100, Yu=30, s=163,9, n=0,31, d=63,9) [1a]
L*=r (Y/Yu)^n−d (r = s (Yu/Yn)^n=96,32, L*u= r−d =32,4) [1b]
Y / dY = Y / { [(Yn/ (n s)] (Y / Yn)^(1−n) } [4c]
Y_curve, ij=36, Yuij=30, L*uij=50
k=99, Ykij=100, L*kij=99,9, (Y/ΔY)/(Y/ΔY)u=1,43
10
k=30, Ykij=31, L*kij=50,0, (Y/ΔY)/(Y/ΔY)u=1,00
k=1, Ykij=2, L*kij=−15,1, (Y/ΔY)/(Y/ΔY)u=0,42
k=0, Ykij=1, L*kij=−24,5, (Y/ΔY)/(Y/ΔY)u=0,34
mnu = n = 0,310
1
mu = 0,300
0,158
0,004
−0,461
Yu=30
φ=10’
Law=300 cd/m2
application range
0,1
1
10
Yu=18
100
Y
log Y
2
1
0
−1
−2
−1
0
1
2

hen11−8a