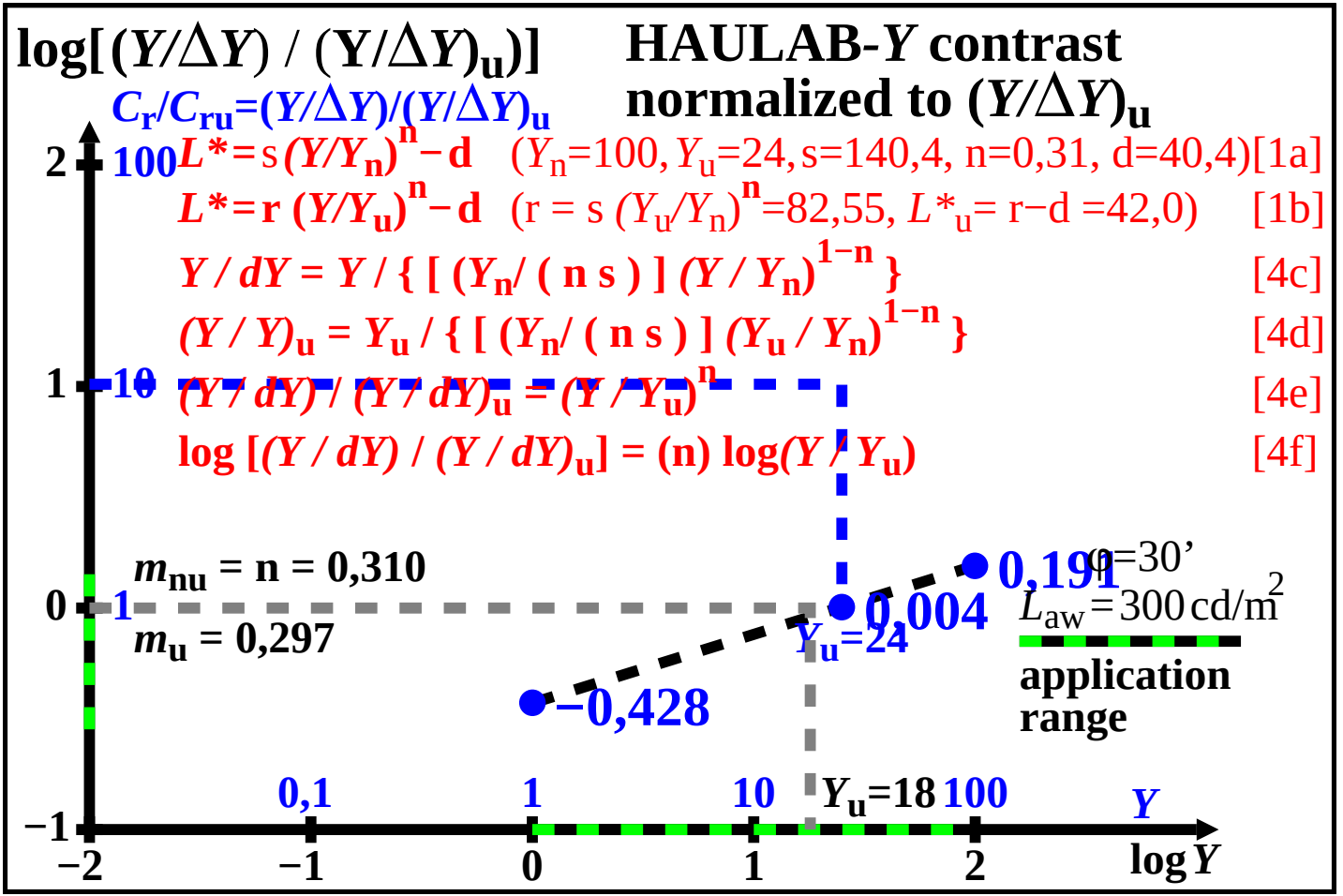
log[(Y/ΔY) / (Y/ΔY)u)]
HAULAB-Y contrast
normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*=s (Y/Yn)^n − d (Yn=100, Yu=24, s=140,4, n=0,31, d=40,4) [1a]
L*=r (Y/Yu)^n − d (r = s (Yu/Yn)^n=82,55, L*u= r−d =42,0) [1b]
Y / dY = Y / { [(Yn/ (n s)] (Y / Yn)^(1−n) } [4c]
(Y / Y)u = Yu / { [(Yn/ (n s)] (Yu / Yn)^(1−n) } [4d]
(Y / dY) / (Y / dY)u = (Y / Yu)^n [4e]
log [(Y / dY) / (Y / dY)u] = (n) log(Y / Yu) [4f]
100
10
1
2
1
0
−1
−2
mnu = n = 0,310
mu = 0,297
0,191
0,004
−0,428
Yu=24
Yu=18
φ=30’
Law = 300 cd/m2
application range
0,1
1
10
100
Y
log Y
−2
−1
0
1
2

hen31−7a